

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047715.D
 Acq On : 22 Sep 2025 18:58
 Operator : JC/MD
 Sample : Q3097-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20250911MS

Quant Time: Sep 23 01:41:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	149702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	270395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	136329	57.212	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.420%			
35) Dibromofluoromethane	5.379	113	104622	57.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.380%			
50) Toluene-d8	8.635	98	355310	56.625	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.260%#			
62) 4-Bromofluorobenzene	11.061	95	135314	56.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	99437	64.145	ug/l	97
3) Chloromethane	1.301	50	121167	59.472	ug/l	98
4) Vinyl Chloride	1.380	62	119871	60.105	ug/l	99
5) Bromomethane	1.611	94	75160	59.431	ug/l	97
6) Chloroethane	1.691	64	74872	56.170	ug/l	98
7) Trichlorofluoromethane	1.892	101	165420	55.862	ug/l	100
8) Diethyl Ether	2.136	74	66928	55.251	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	103354	59.690	ug/l	98
10) Methyl Iodide	2.453	142	147783	54.725	ug/l	99
11) Tert butyl alcohol	2.947	59	74712	281.519	ug/l	99
12) 1,1-Dichloroethene	2.325	96	100429	56.465	ug/l	94
13) Acrolein	2.239	56	73140	299.067	ug/l	99
14) Allyl chloride	2.666	41	192183	52.363	ug/l	97
15) Acrylonitrile	3.056	53	296136	301.252	ug/l	99
16) Acetone	2.373	43	247040	238.436	ug/l	97
17) Carbon Disulfide	2.514	76	280776	57.664	ug/l	99
18) Methyl Acetate	2.703	43	129577	56.196	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	363711	56.018	ug/l	98
20) Methylene Chloride	2.788	84	121271	55.296	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	108564	56.694	ug/l	95
22) Diisopropyl ether	3.751	45	393686	55.347	ug/l #	84
23) Vinyl Acetate	3.715	43	1552184	272.655	ug/l	99
24) 1,1-Dichloroethane	3.611	63	210842	55.769	ug/l	99
25) 2-Butanone	4.544	43	372626	288.325	ug/l	100
26) 2,2-Dichloropropane	4.471	77	139487	44.385	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	132021	56.296	ug/l	96
28) Bromochloromethane	4.891	49	102352	62.013	ug/l	100
29) Tetrahydrofuran	4.995	42	251898	323.998	ug/l	100
30) Chloroform	5.080	83	211676	55.407	ug/l	98
31) Cyclohexane	5.464	56	166612	52.913	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	176354	54.421	ug/l	99
36) 1,1-Dichloropropene	5.684	75	138105	52.118	ug/l	98
37) Ethyl Acetate	4.696	43	147529	51.998	ug/l	99
38) Carbon Tetrachloride	5.666	117	150271	52.194	ug/l	98
39) Methylcyclohexane	7.367	83	153865	51.153	ug/l	97
40) Benzene	6.025	78	441675	54.879	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	83638	57.102	ug/l	98
42) 1,2-Dichloroethane	6.074	62	164680	53.778	ug/l	100
43) Isopropyl Acetate	6.324	43	248562	53.417	ug/l	99
44) Trichloroethene	7.110	130	676102	347.474	ug/l	95
45) 1,2-Dichloropropane	7.415	63	111385	54.048	ug/l	99
46) Dibromomethane	7.568	93	81291	54.206	ug/l	98
47) Bromodichloromethane	7.805	83	165717	53.549	ug/l	95
48) Methyl methacrylate	7.677	41	128265	55.339	ug/l	98
49) 1,4-Dioxane	7.647	88	32109	1370.775	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	741126	287.265	ug/l	100
52) Toluene	8.702	92	265691	53.583	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	167635	53.106	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	176915	52.436	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	104411	54.609	ug/l	99
56) Ethyl methacrylate	9.104	69	170443	56.764	ug/l	97
57) 1,3-Dichloropropane	9.293	76	182893	55.685	ug/l	99
59) 2-Hexanone	9.415	43	516181	278.577	ug/l	98
60) Dibromochloromethane	9.506	129	122647	55.672	ug/l	99
61) 1,2-Dibromoethane	9.592	107	110705	56.847	ug/l	100
64) Tetrachloroethene	9.256	164	82663	52.520	ug/l	97
65) Chlorobenzene	10.061	112	295700	53.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	103240	54.546	ug/l	99
67) Ethyl Benzene	10.177	91	498788	52.704	ug/l	100
68) m/p-Xylenes	10.287	106	376275	106.818	ug/l	99
69) o-Xylene	10.628	106	183279	53.793	ug/l	99
70) Styrene	10.640	104	320866	53.747	ug/l	99
71) Bromoform	10.781	173	77485	54.826	ug/l	98
73) Isopropylbenzene	10.945	105	462634	52.217	ug/l	100
74) N-amyl acetate	10.829	43	210910	52.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	148503	55.400	ug/l	100
76) 1,2,3-Trichloropropane	11.226	75	113686m	48.182	ug/l	
77) Bromobenzene	11.183	156	116912	53.577	ug/l	98
78) n-propylbenzene	11.287	91	542797	51.826	ug/l	99
79) 2-Chlorotoluene	11.348	91	332315	51.805	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	377938	51.921	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	46664	50.434	ug/l	100
82) 4-Chlorotoluene	11.439	91	393591	51.951	ug/l	99
83) tert-Butylbenzene	11.695	119	383158	51.420	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	384015	52.035	ug/l	100
85) sec-Butylbenzene	11.872	105	455269	51.437	ug/l	100
86) p-Isopropyltoluene	11.994	119	382834	51.091	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	209966	51.804	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	212167	51.003	ug/l	99
89) n-Butylbenzene	12.317	91	348901	50.321	ug/l	99
90) Hexachloroethane	12.518	117	67085	50.993	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	204964	53.080	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	29122	53.660	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	127943	50.982	ug/l	99
94) Hexachlorobutadiene	13.707	225	38825	45.547	ug/l	98
95) Naphthalene	13.756	128	410695	53.743	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	118190	50.629	ug/l	98

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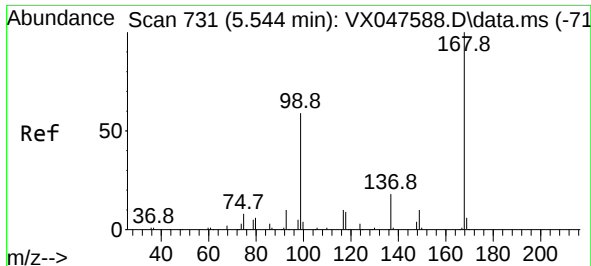
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2025
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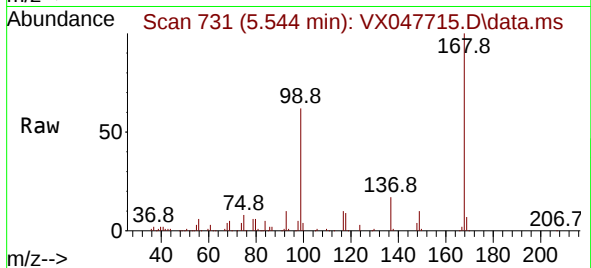
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

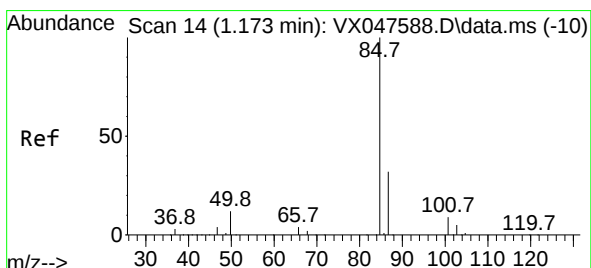
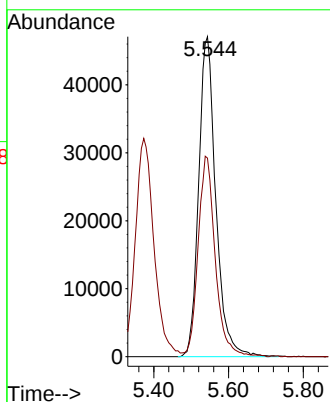
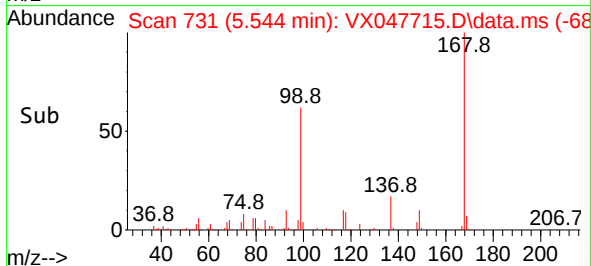
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion:168 Resp: 14970
Ion Ratio Lower Upper
168 100
99 61.8 48.8 73.2

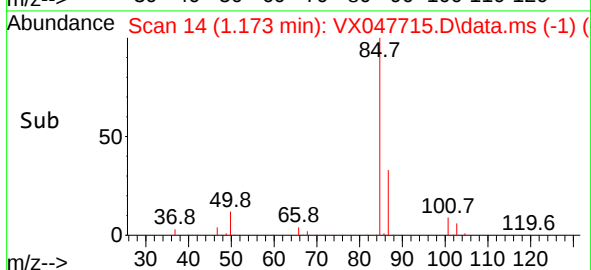
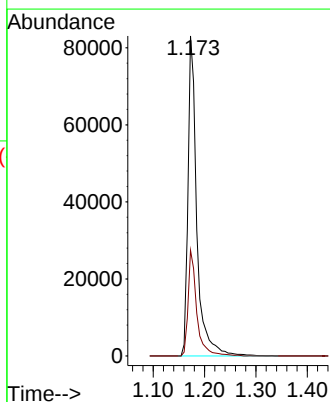
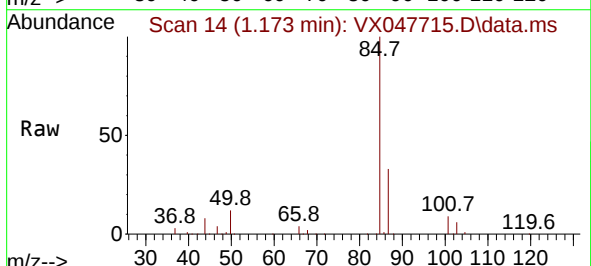
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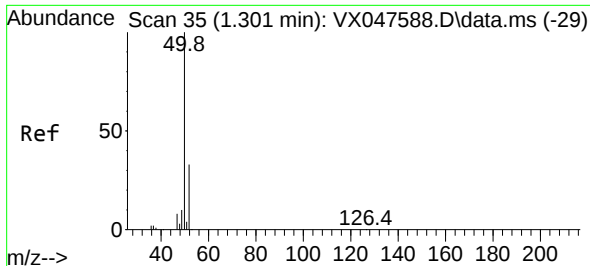
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#2
Dichlorodifluoromethane
Concen: 64.145 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

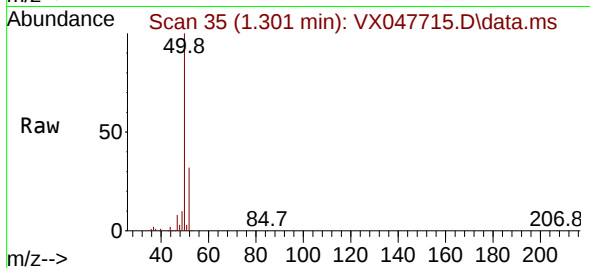
Tgt Ion: 85 Resp: 99437
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.3





#3
Chloromethane
Concen: 59.472 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

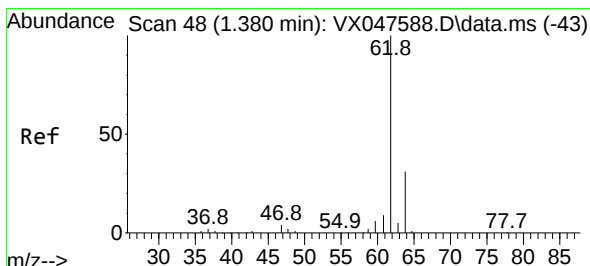
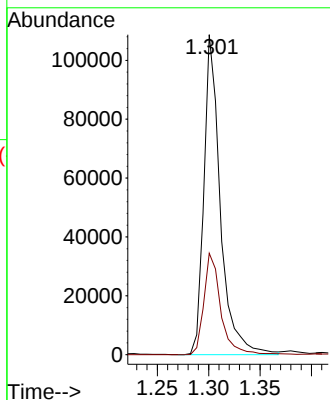
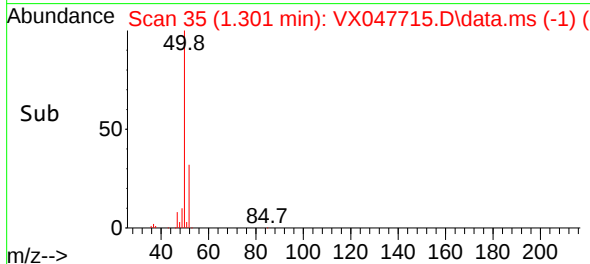
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 12116
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1

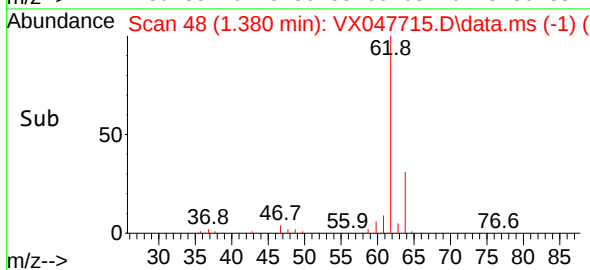
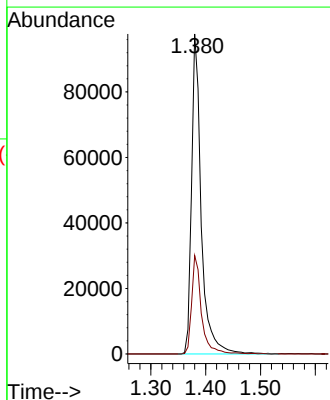
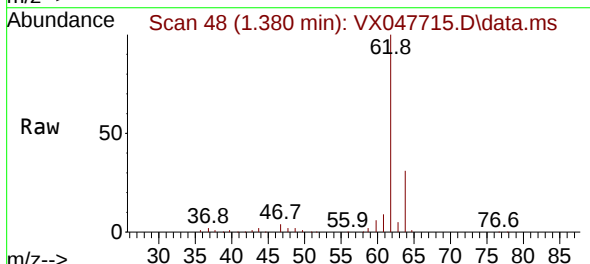
Manual Integrations
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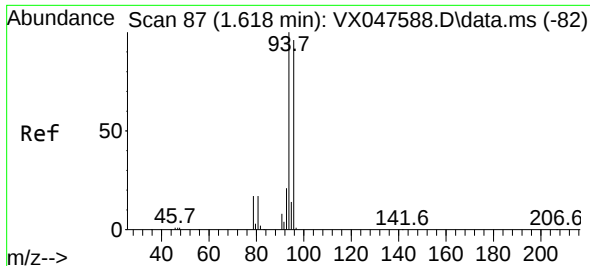
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#4
Vinyl Chloride
Concen: 60.105 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

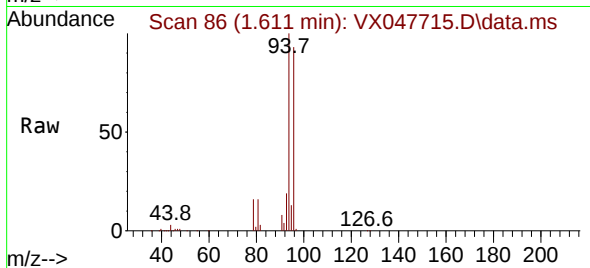
Tgt Ion: 62 Resp: 119871
Ion Ratio Lower Upper
62 100
64 30.7 24.9 37.3





#5
Bromomethane
Concen: 59.431 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

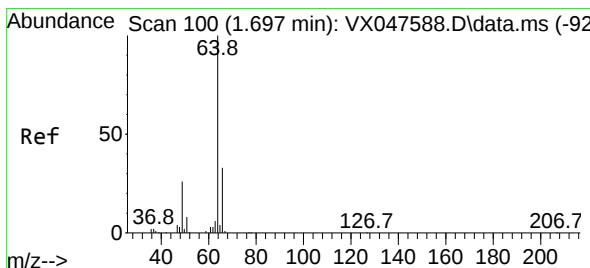
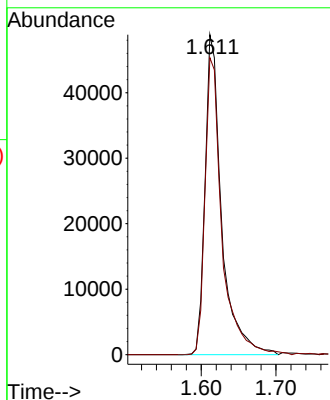
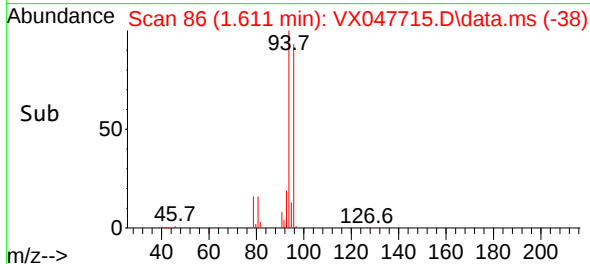
Instrument :
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Tgt Ion: 94 Resp: 75160
Ion Ratio Lower Upper
94 100
96 92.8 76.6 115.0

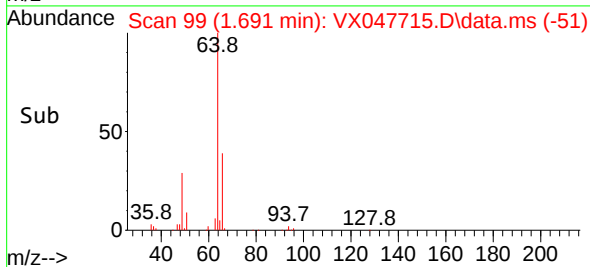
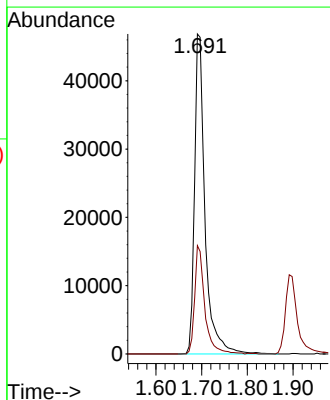
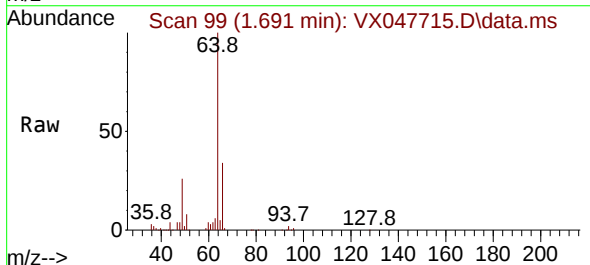
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#6
Chloroethane
Concen: 56.170 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

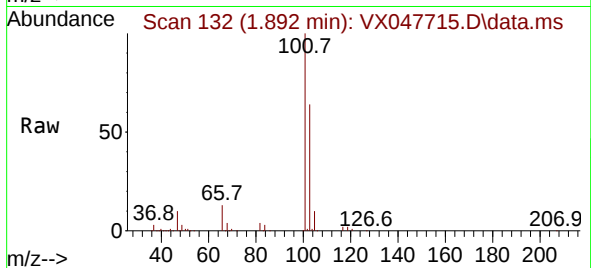
Tgt Ion: 64 Resp: 74872
Ion Ratio Lower Upper
64 100
66 33.8 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 55.862 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX047715.D
 Acq: 22 Sep 2025 18:58

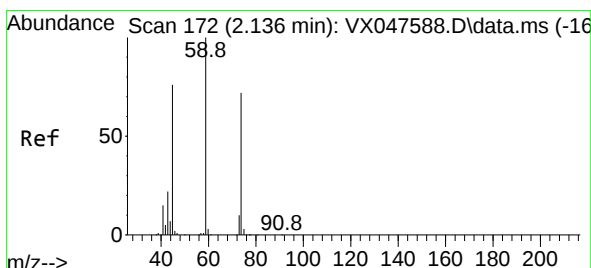
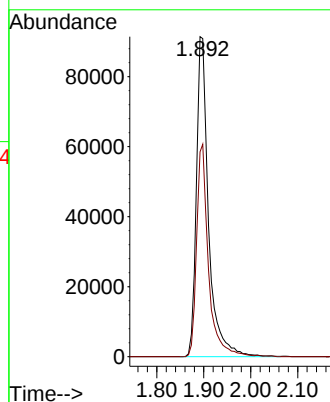
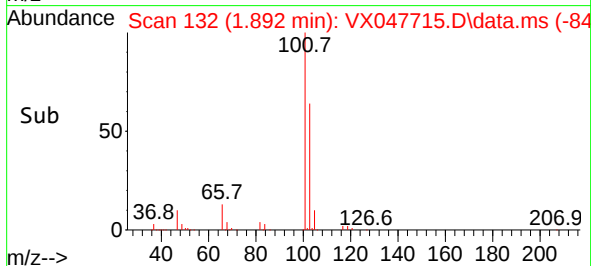
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20250911MS



Tgt Ion:101 Resp: 165420
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.2

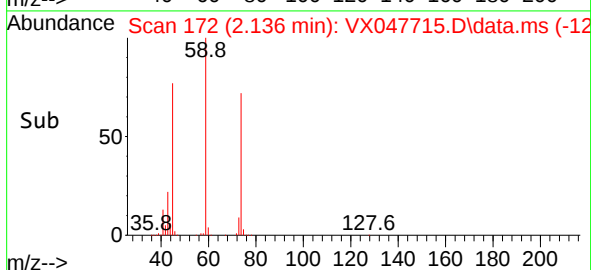
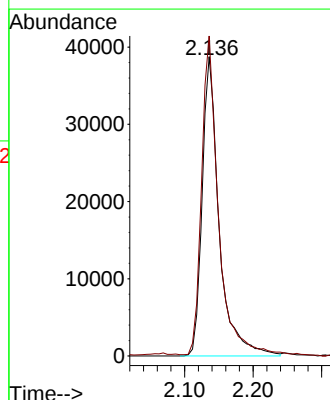
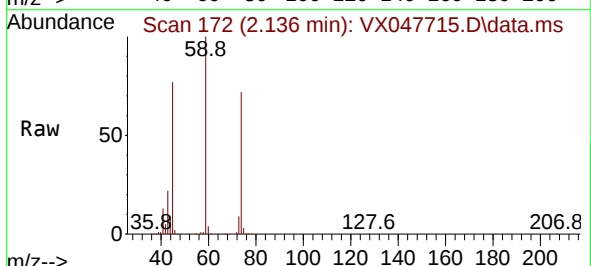
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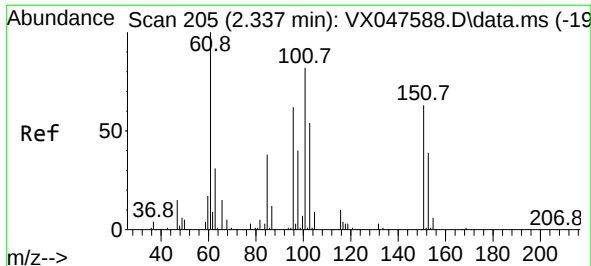
Reviewed By :John Carlone 09/23/2025
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#8
 Diethyl Ether
 Concen: 55.251 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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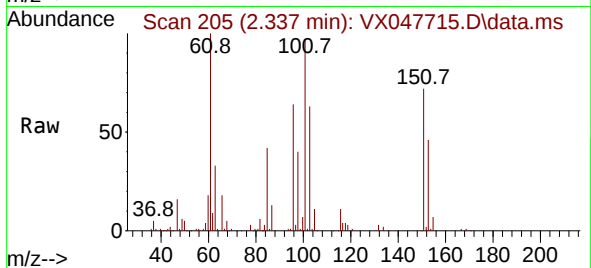
Tgt Ion: 74 Resp: 66928
 Ion Ratio Lower Upper
 74 100
 45 108.0 52.3 156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.690 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

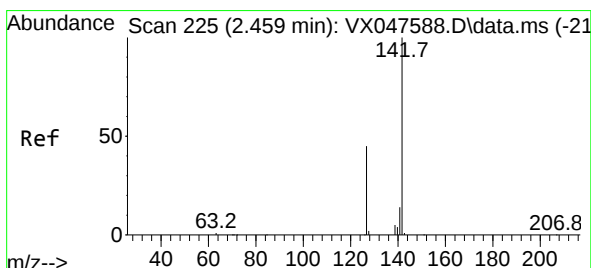
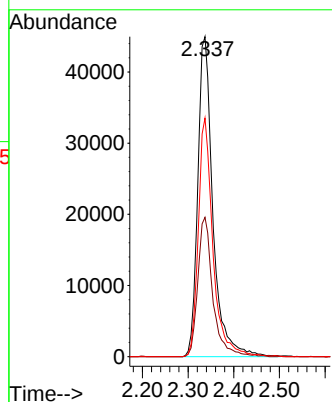
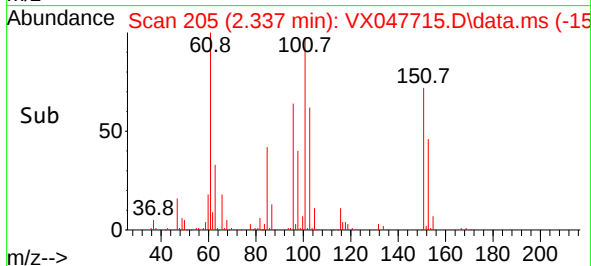
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



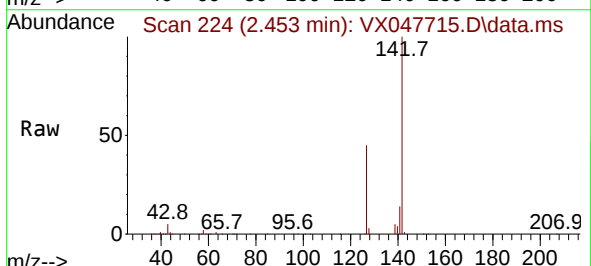
Tgt Ion:101 Resp: 103354
Ion Ratio Lower Upper
101 100
85 43.3 35.5 53.3
151 72.2 59.4 89.0

Manual Integrations
APPROVED

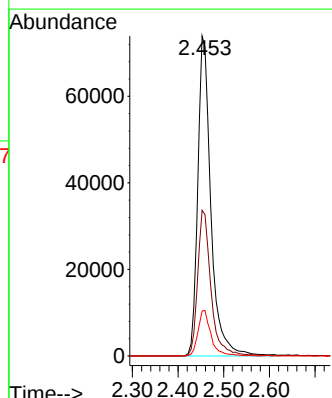
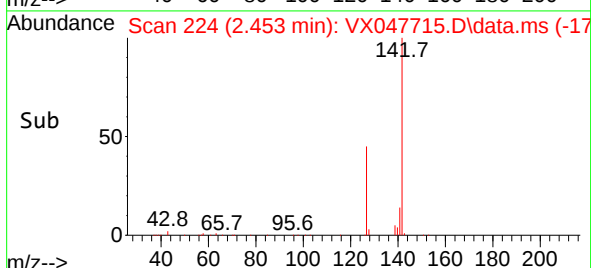
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

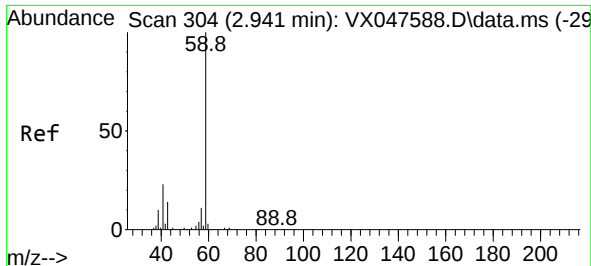


#10
Methyl Iodide
Concen: 54.725 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



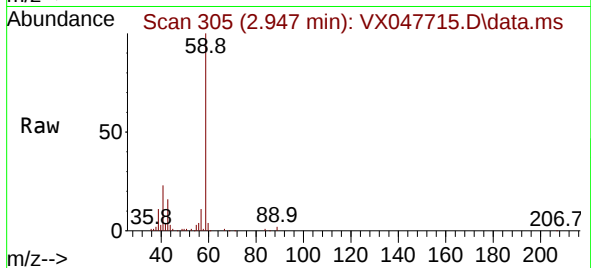
Tgt Ion:142 Resp: 147783
Ion Ratio Lower Upper
142 100
127 46.1 37.2 55.8
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 281.519 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

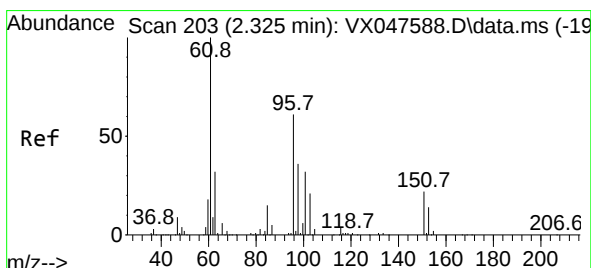
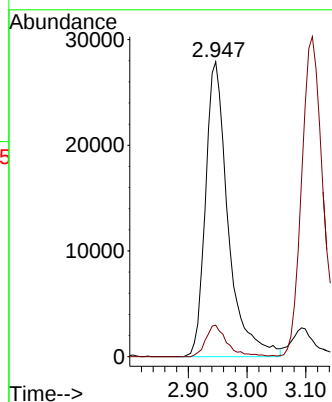
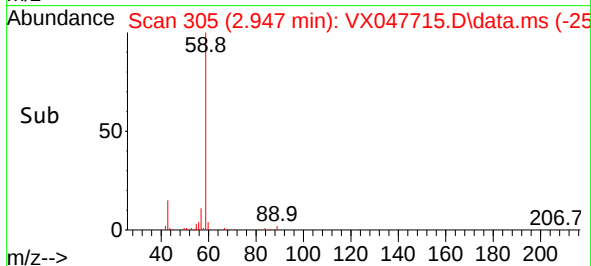
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



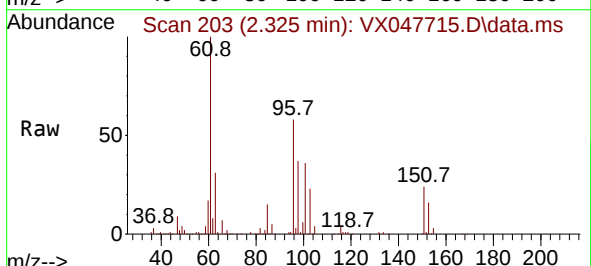
Tgt Ion: 59 Resp: 74712
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

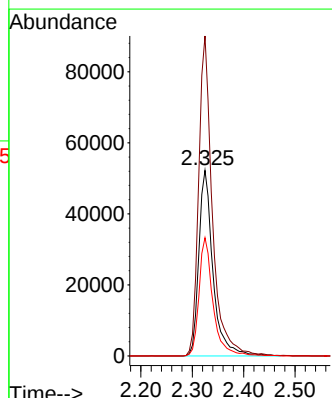
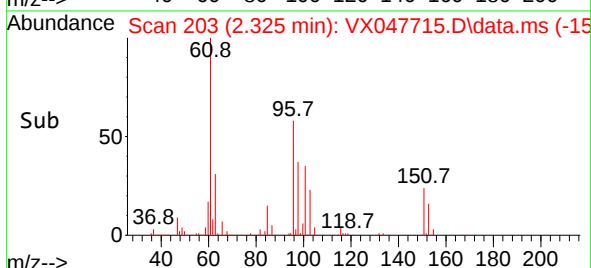
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

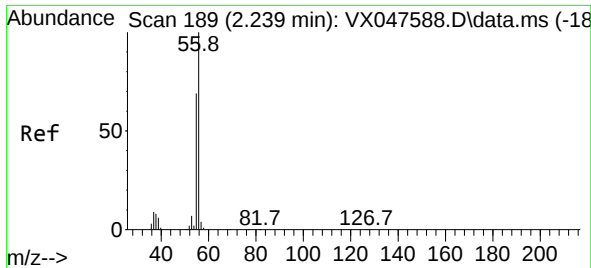


#12
1,1-Dichloroethene
Concen: 56.465 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



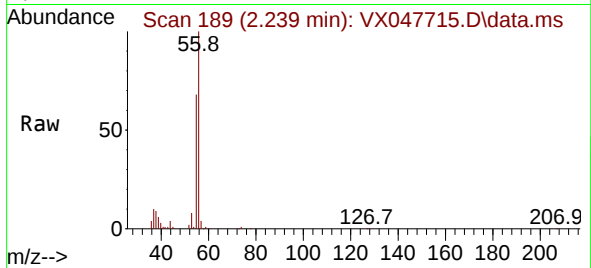
Tgt Ion: 96 Resp: 100429
Ion Ratio Lower Upper
96 100
61 172.3 131.0 196.6
98 63.7 47.7 71.5





#13
Acrolein
Concen: 299.067 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

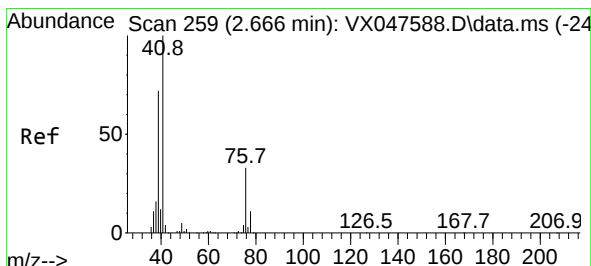
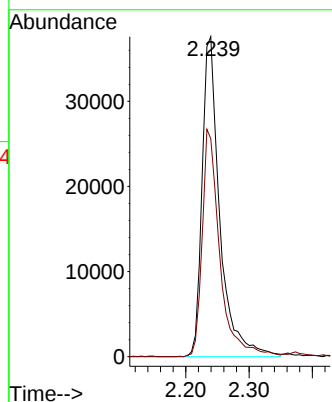
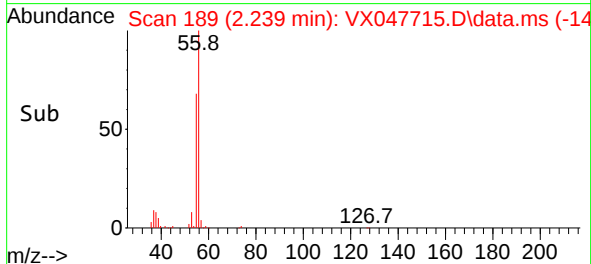
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



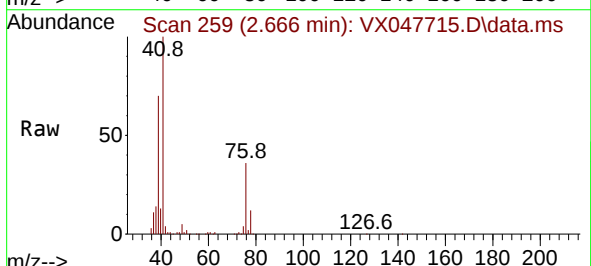
Tgt Ion: 56 Resp: 73140
Ion Ratio Lower Upper
56 100
55 71.0 57.2 85.8

Manual Integrations
APPROVED

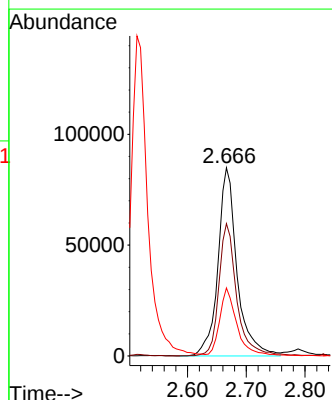
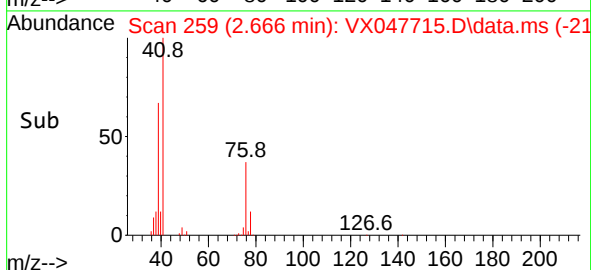
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

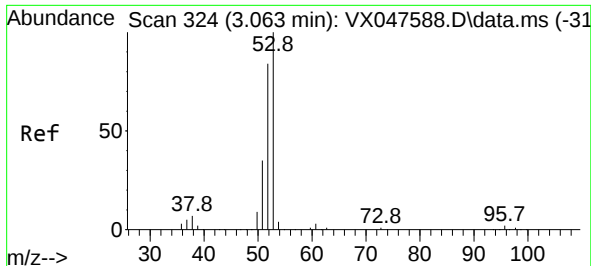


#14
Allyl chloride
Concen: 52.363 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



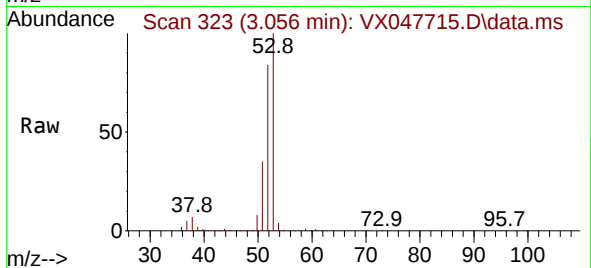
Tgt Ion: 41 Resp: 192183
Ion Ratio Lower Upper
41 100
39 65.3 54.7 82.1
76 32.2 25.7 38.5





#15
Acrylonitrile
Concen: 301.252 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

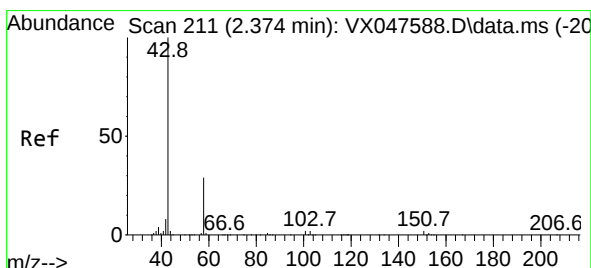
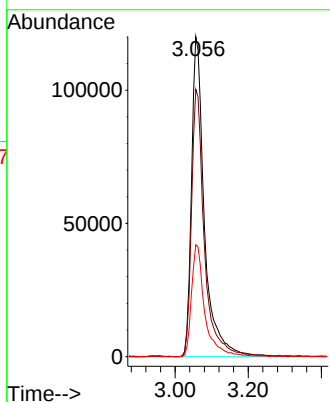
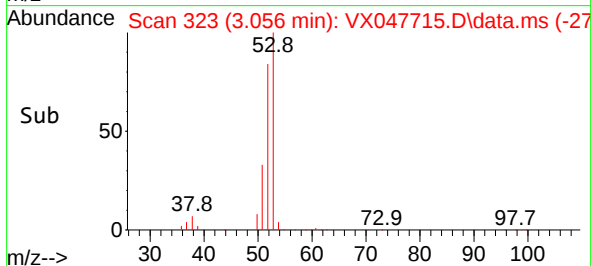
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 53 Resp: 296130
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 35.9 29.5 44.3

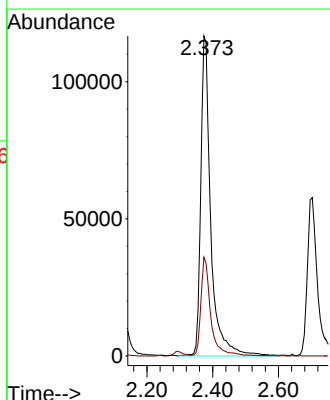
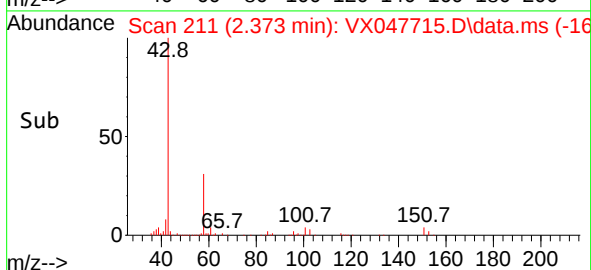
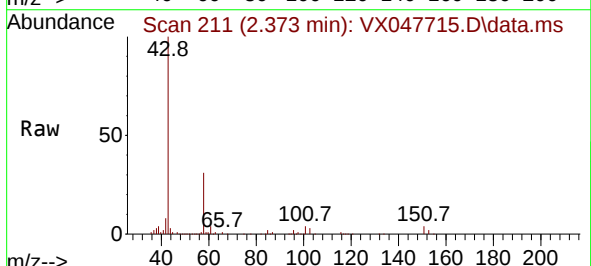
Manual Integrations
APPROVED

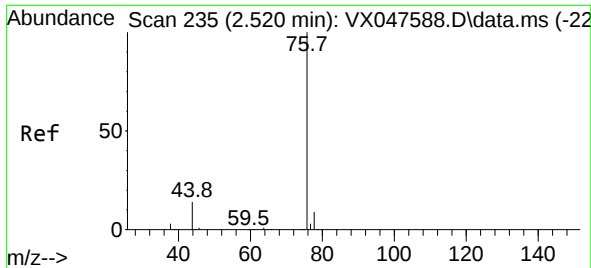
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#16
Acetone
Concen: 238.436 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

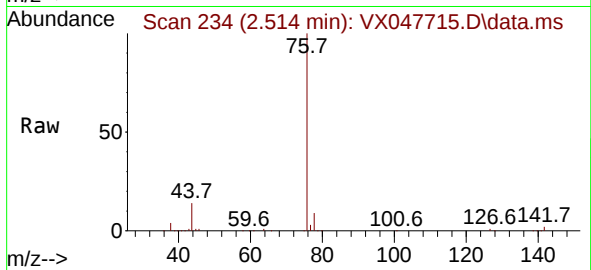
Tgt Ion: 43 Resp: 247040
Ion Ratio Lower Upper
43 100
58 30.9 23.4 35.0





#17
Carbon Disulfide
Concen: 57.664 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

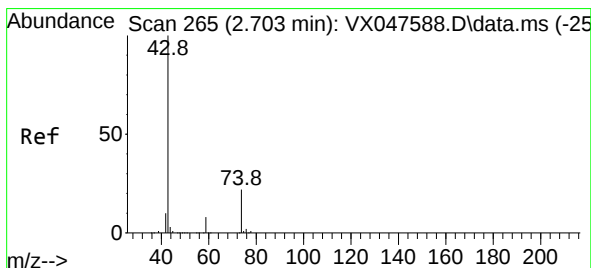
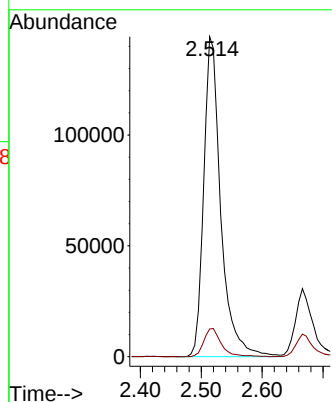
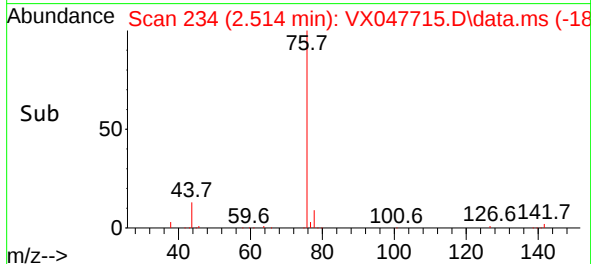
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 76 Resp: 280770
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

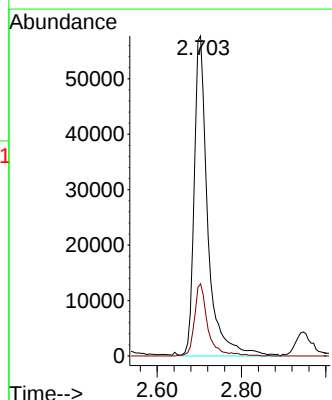
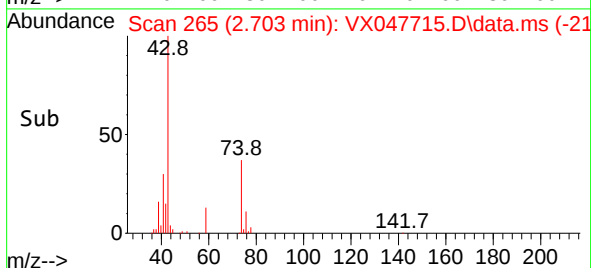
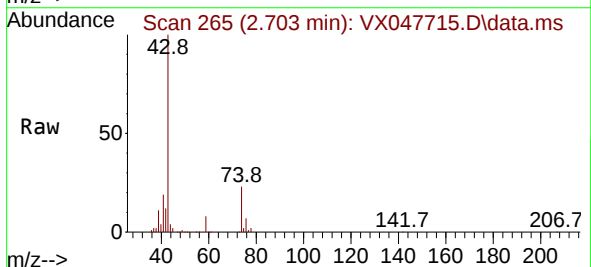
Manual Integrations
APPROVED

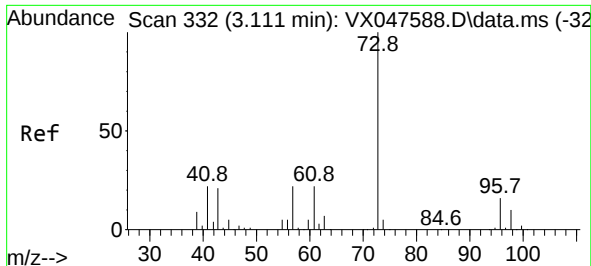
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#18
Methyl Acetate
Concen: 56.196 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

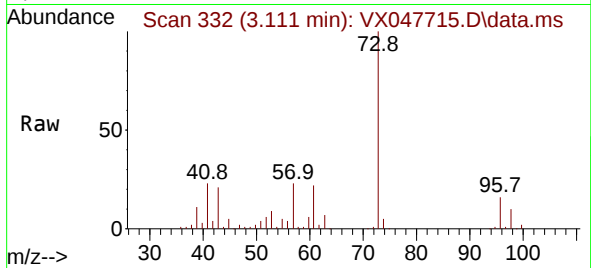
Tgt Ion: 43 Resp: 129577
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 56.018 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

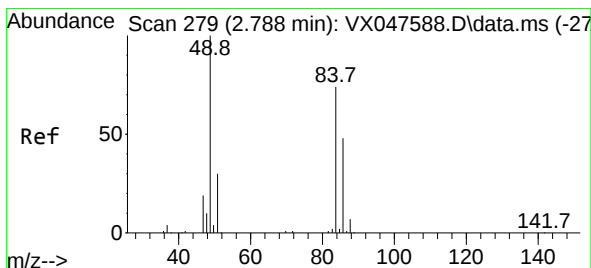
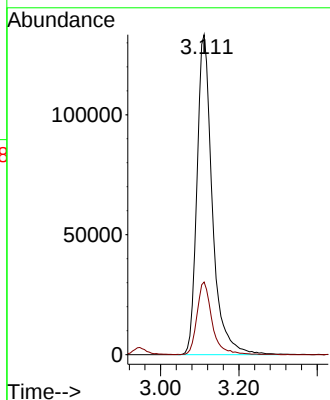
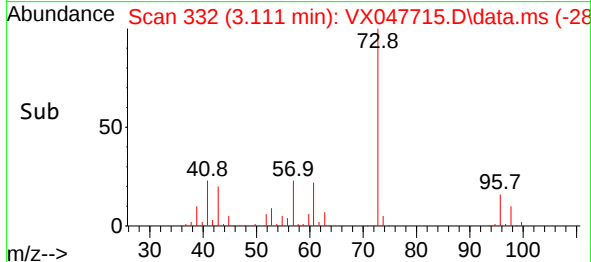
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 73 Resp: 36371
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2

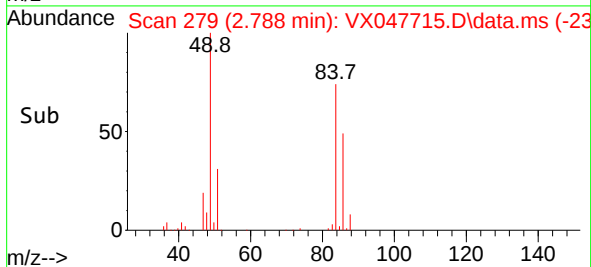
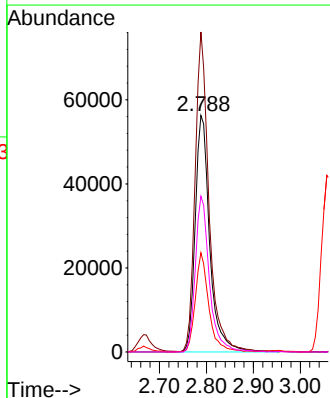
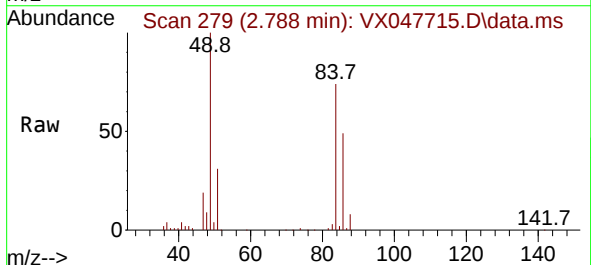
Manual Integrations
APPROVED

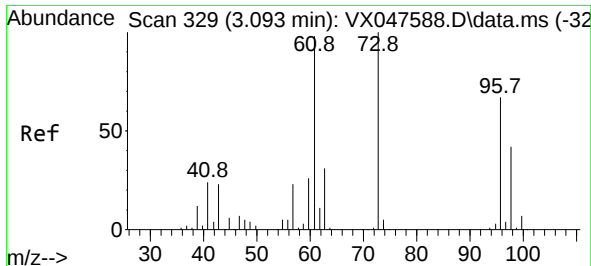
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#20
Methylene Chloride
Concen: 55.296 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

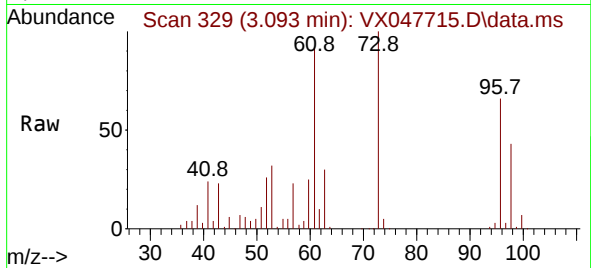
Tgt Ion: 84 Resp: 121271
Ion Ratio Lower Upper
84 100
49 135.1 108.6 162.8
51 41.8 32.6 48.8
86 65.9 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 56.694 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

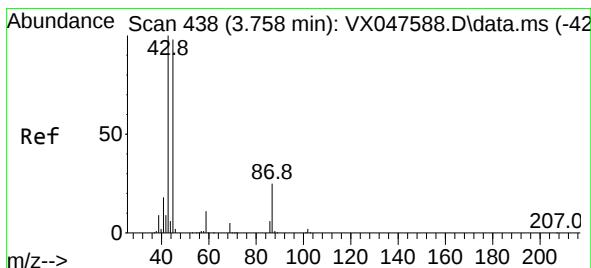
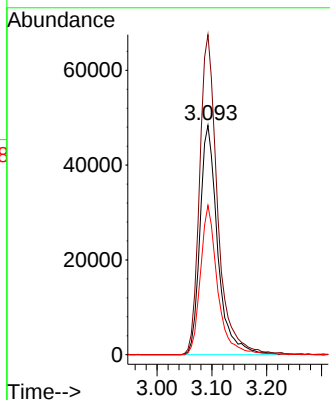
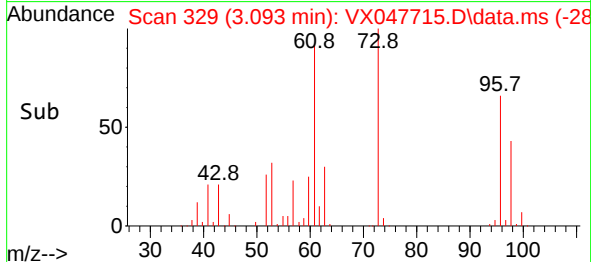
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 96 Resp: 108564
Ion Ratio Lower Upper
96 100
61 139.6 116.2 174.2
98 65.1 49.3 73.9

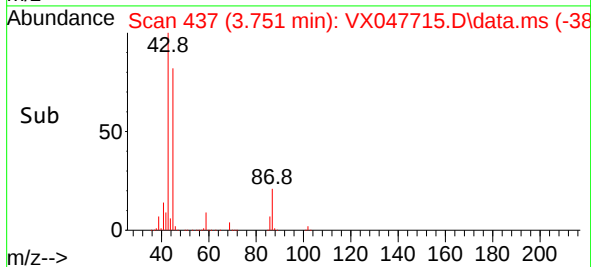
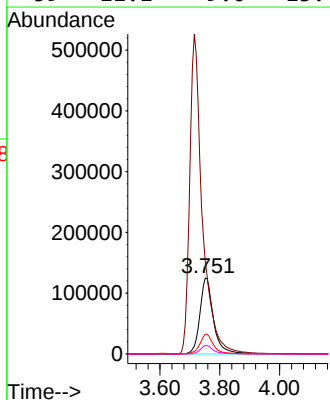
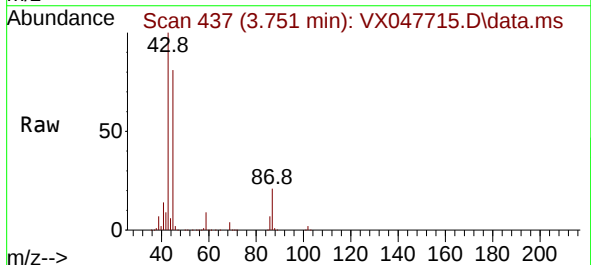
Manual Integrations
APPROVED

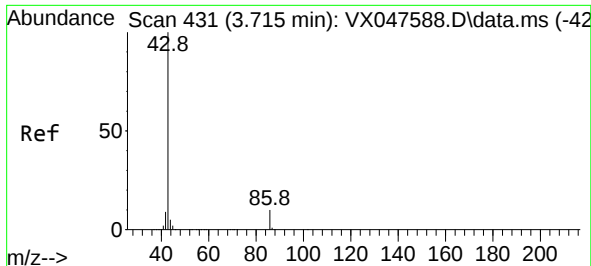
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#22
Diisopropyl ether
Concen: 55.347 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

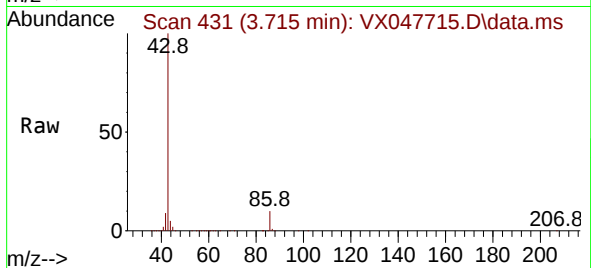
Tgt Ion: 45 Resp: 393686
Ion Ratio Lower Upper
45 100
43 122.3 81.0 121.4#
87 25.9 20.3 30.5
59 11.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 272.655 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047715.D
 Acq: 22 Sep 2025 18:58

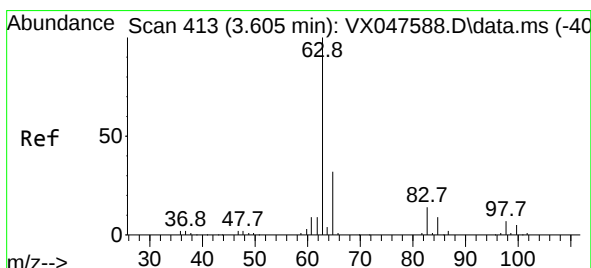
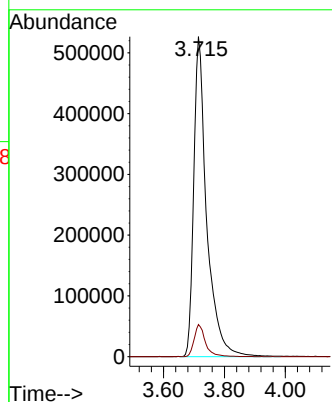
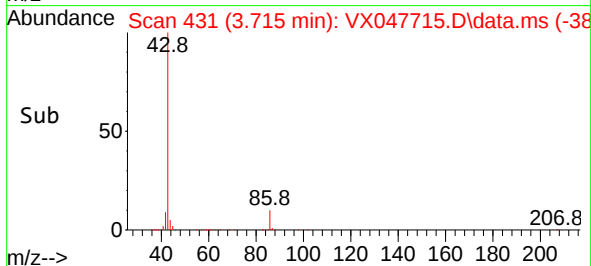
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20250911MS



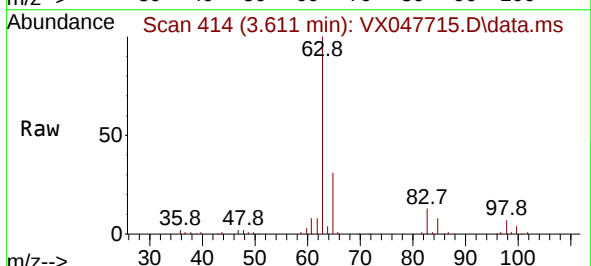
Tgt Ion: 43 Resp: 1552184
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

Manual Integrations
 APPROVED

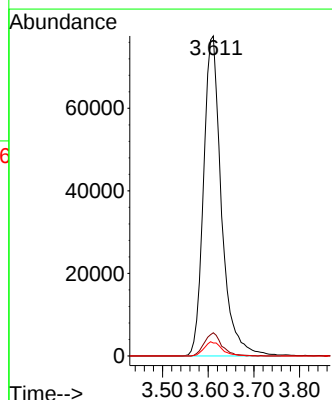
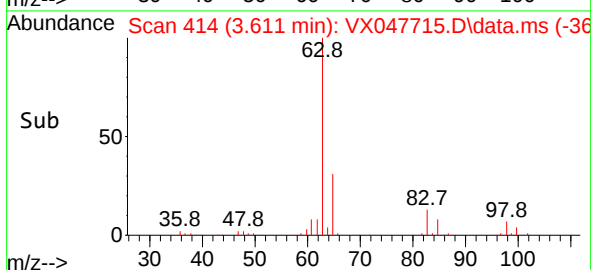
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

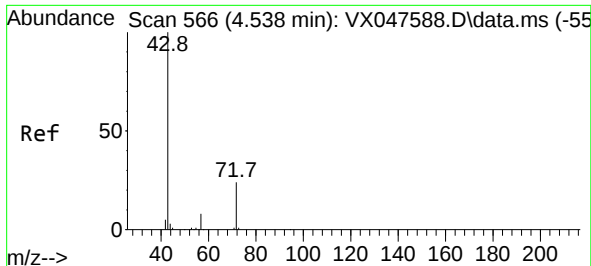


#24
 1,1-Dichloroethane
 Concen: 55.769 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX047715.D
 Acq: 22 Sep 2025 18:58



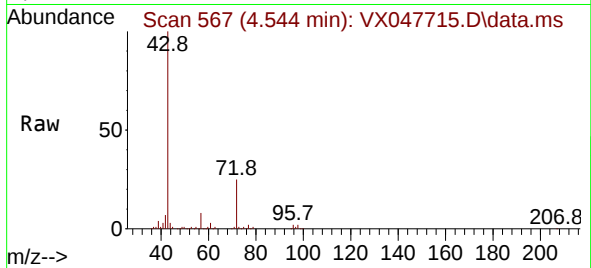
Tgt Ion: 63 Resp: 210842
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.1 2.3 6.9





#25
2-Butanone
Concen: 288.325 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

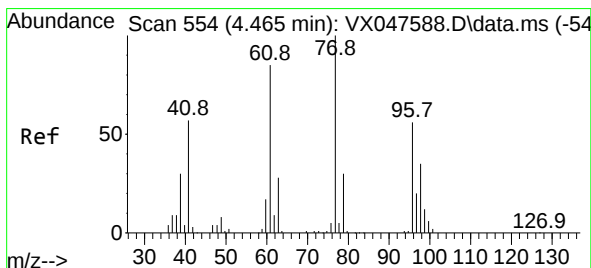
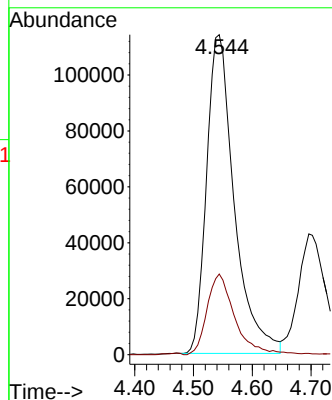
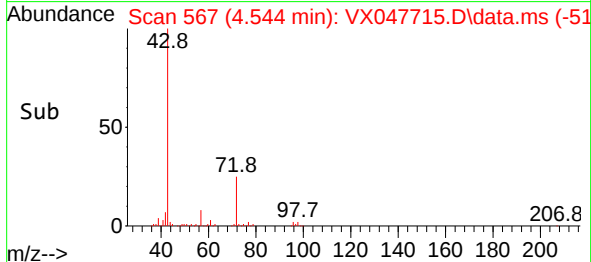
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 43 Resp: 372620
Ion Ratio Lower Upper
43 100
72 24.9 20.1 30.1

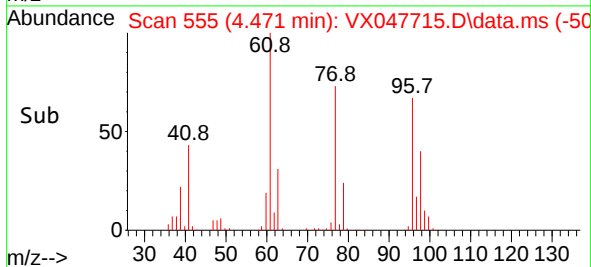
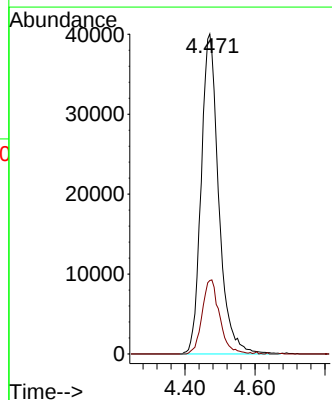
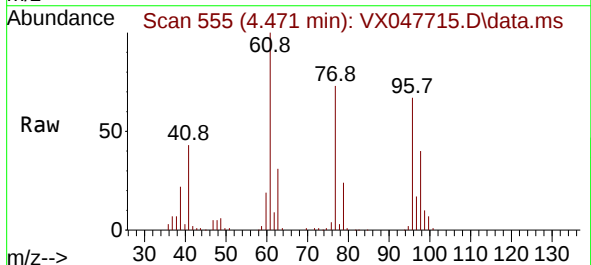
Manual Integrations
APPROVED

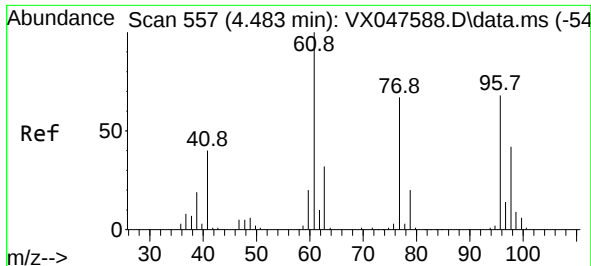
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#26
2,2-Dichloropropane
Concen: 44.385 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

Tgt Ion: 77 Resp: 139487
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 56.296 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MS

Tgt Ion: 96 Resp: 13202

Ion Ratio Lower Upper

96 100

61 145.2 0.0 303.2

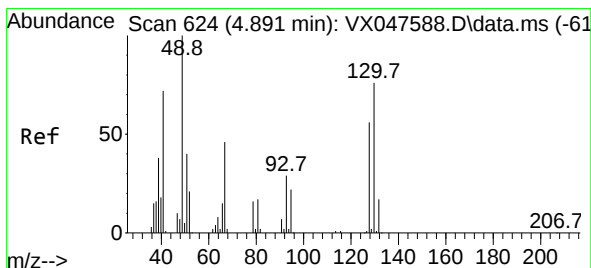
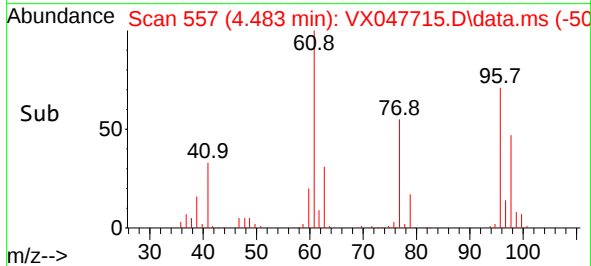
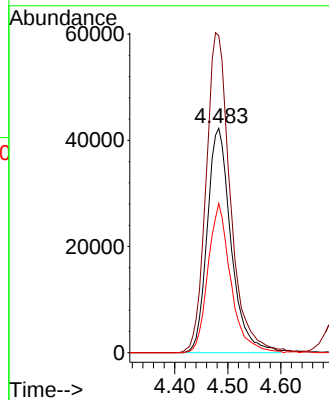
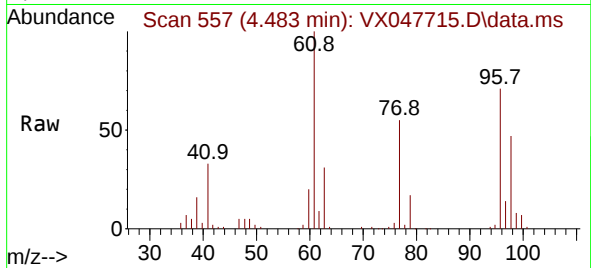
98 63.4 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#28

Bromochloromethane

Concen: 62.013 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

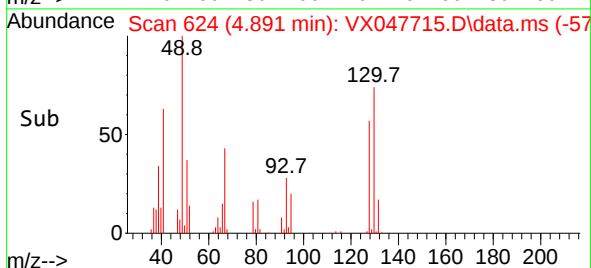
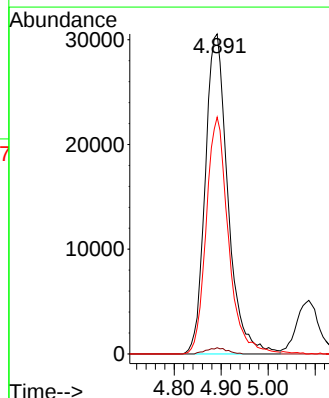
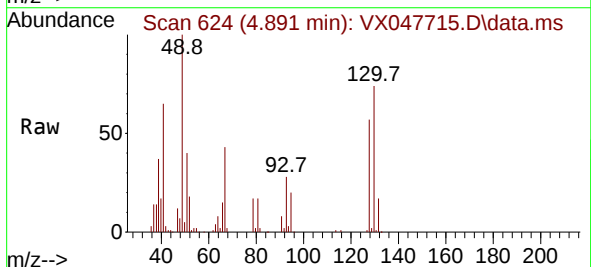
Tgt Ion: 49 Resp: 102352

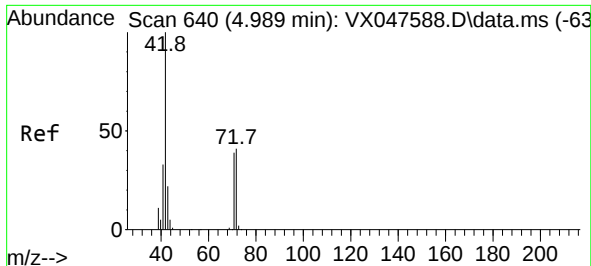
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

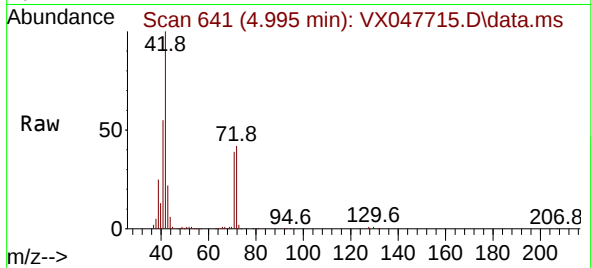
130 72.3 57.8 86.8





#29
Tetrahydrofuran
Concen: 323.998 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

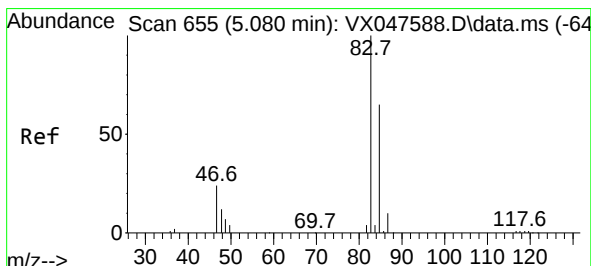
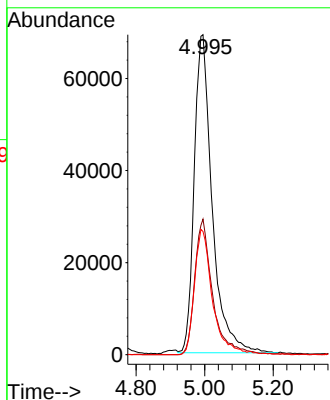
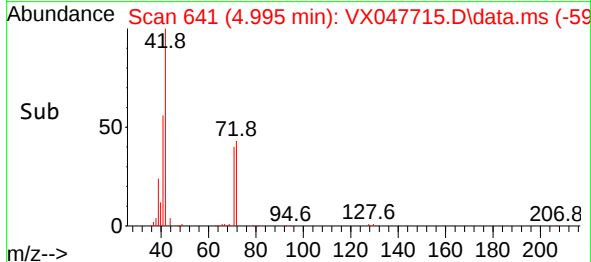
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 42 Resp: 251898
Ion Ratio Lower Upper
42 100
72 42.5 34.2 51.2
71 39.9 31.9 47.9

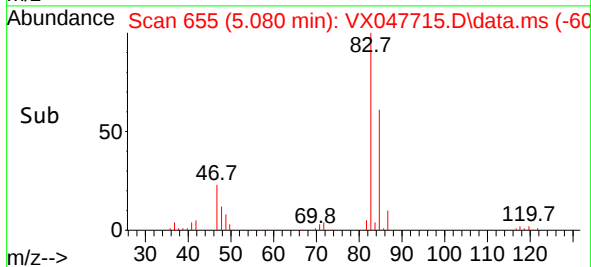
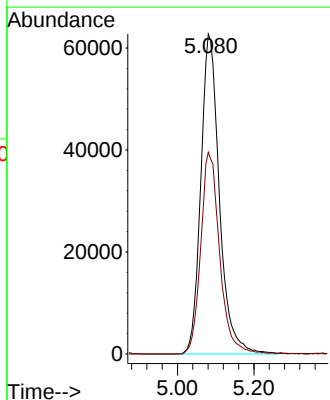
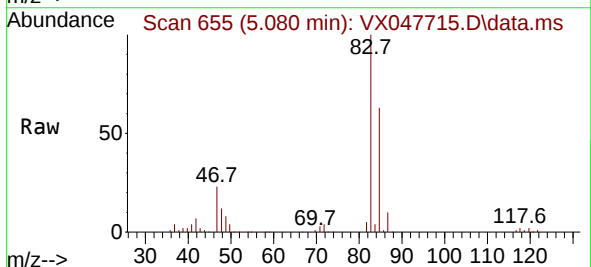
Manual Integrations
APPROVED

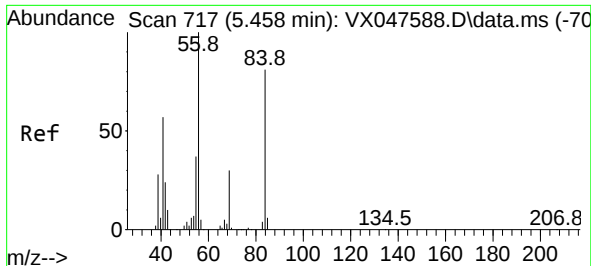
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#30
Chloroform
Concen: 55.407 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

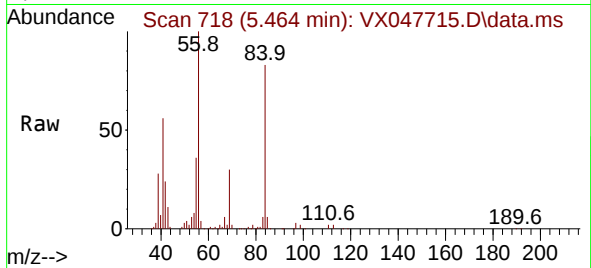
Tgt Ion: 83 Resp: 211676
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.6





#31
Cyclohexane
Concen: 52.913 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

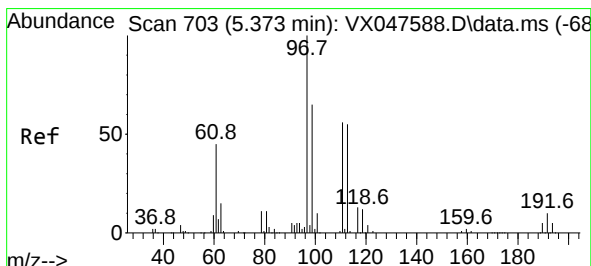
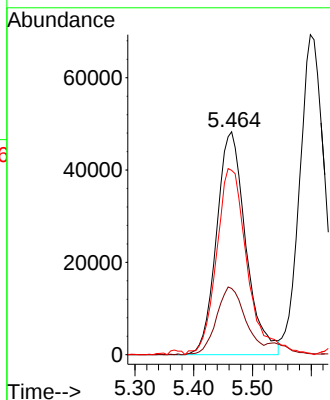
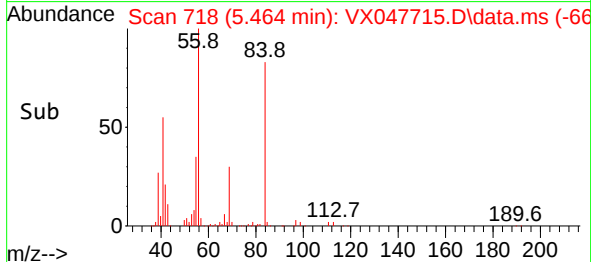
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 56 Resp: 166612
Ion Ratio Lower Upper
56 100
69 29.4 23.8 35.8
84 81.1 64.6 97.0

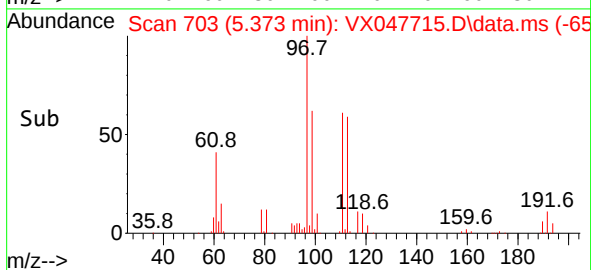
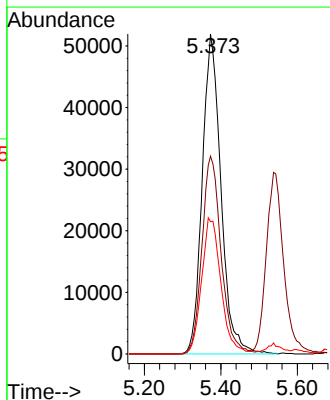
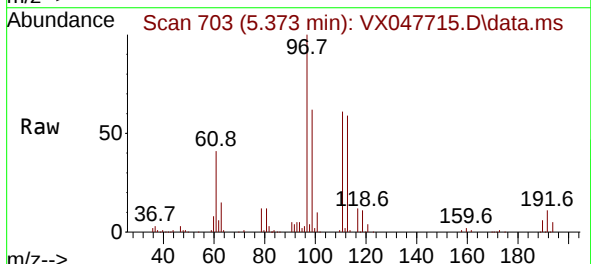
Manual Integrations
APPROVED

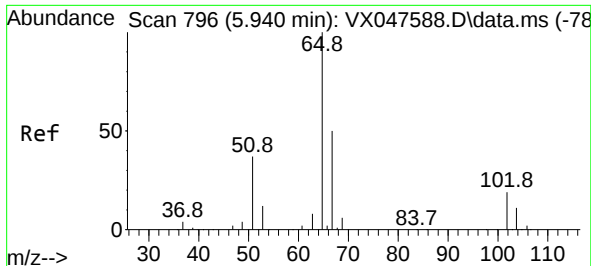
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#32
1,1,1-Trichloroethane
Concen: 54.421 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

Tgt Ion: 97 Resp: 176354
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 44.0 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 57.212 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MS

Tgt Ion: 65 Resp: 136329

Ion Ratio Lower Upper

65 100

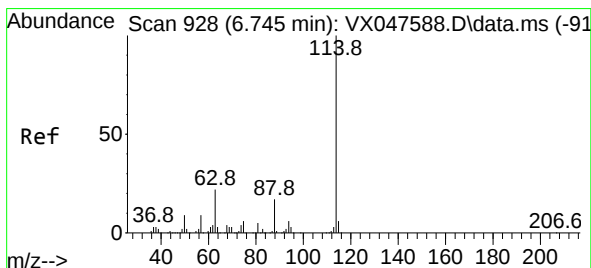
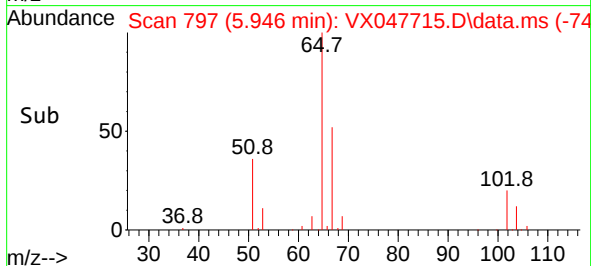
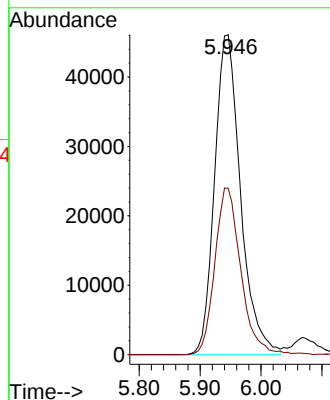
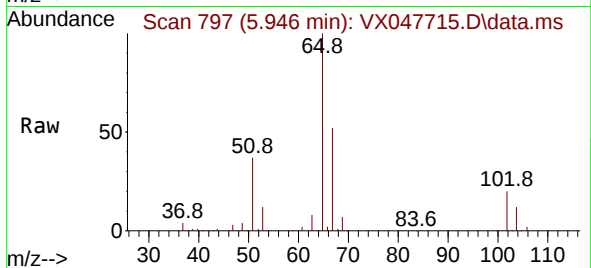
67 52.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

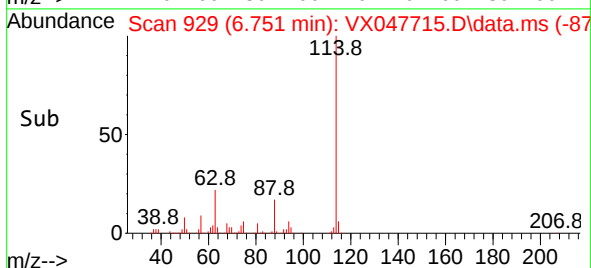
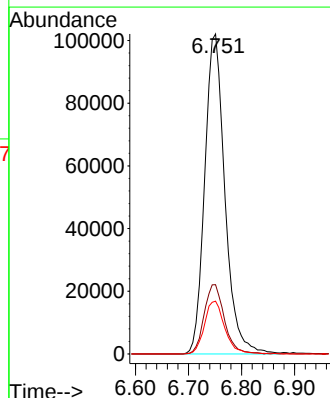
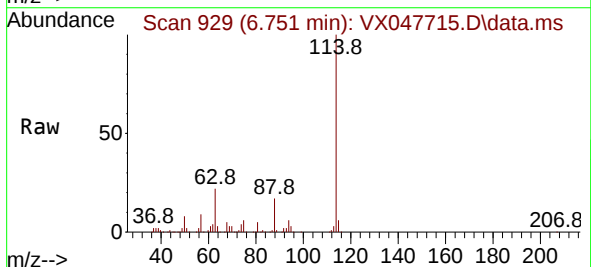
Tgt Ion:114 Resp: 270395

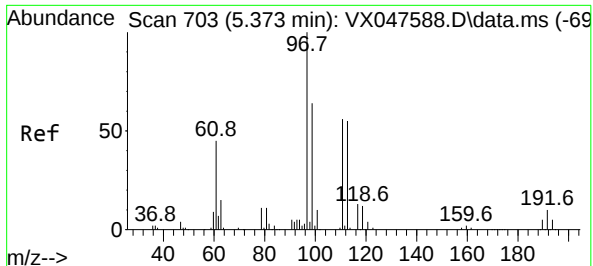
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 57.693 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MS

Tgt Ion:113 Resp: 10462

Ion Ratio Lower Upper

113 100

111 102.7 80.9 121.3

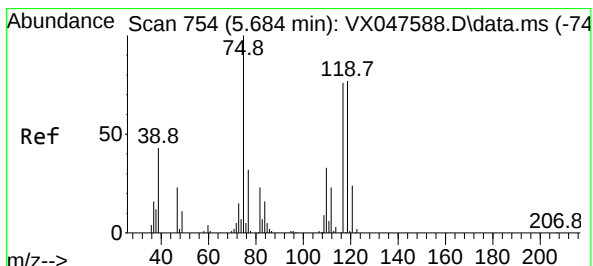
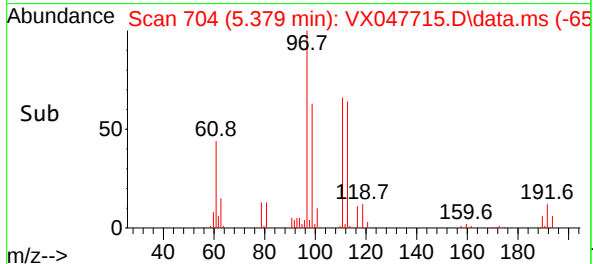
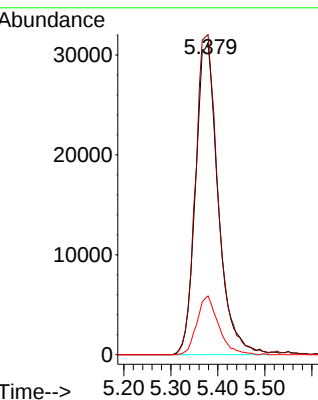
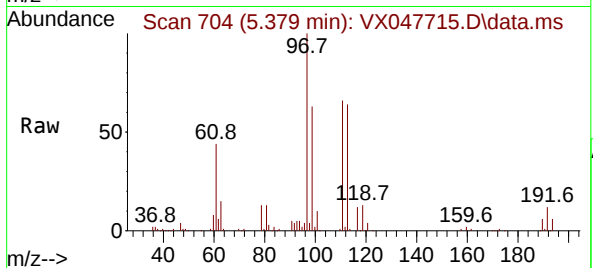
192 18.0 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#36

1,1-Dichloropropene

Concen: 52.118 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

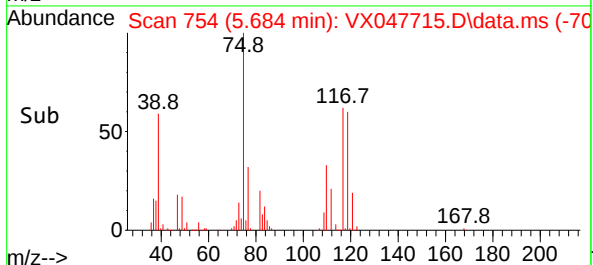
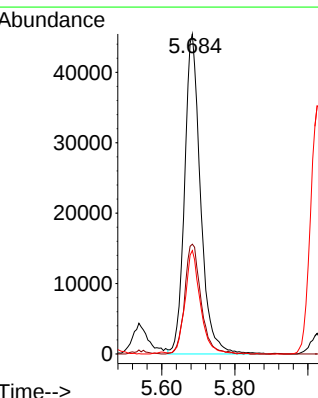
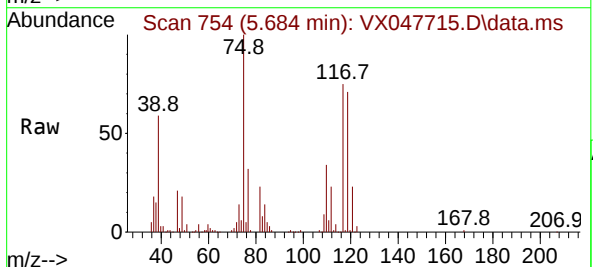
Tgt Ion: 75 Resp: 138105

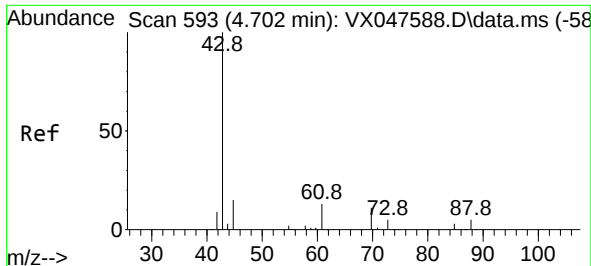
Ion Ratio Lower Upper

75 100

110 35.2 16.7 50.1

77 31.0 24.3 36.5





#37

Ethyl Acetate

Concen: 51.998 ug/l

RT: 4.696 min Scan# 592

Delta R.T. -0.006 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MS

Tgt Ion: 43 Resp: 147529

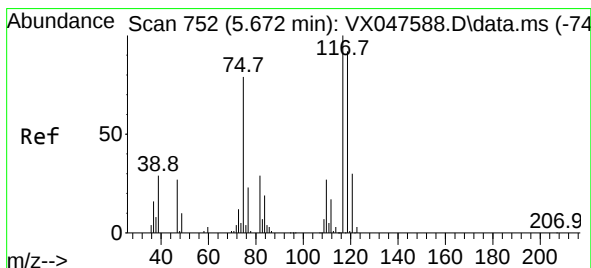
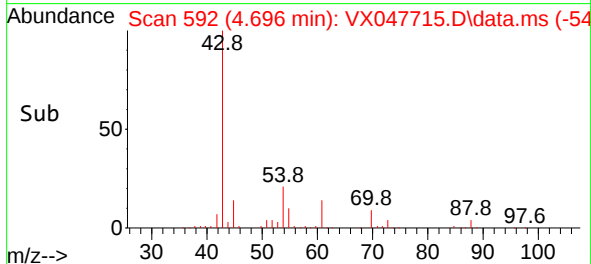
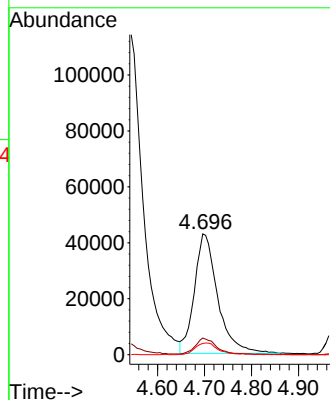
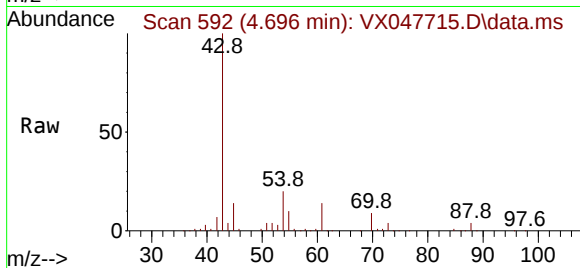
Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.8	14.8
70	9.4	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#38

Carbon Tetrachloride

Concen: 52.194 ug/l

RT: 5.666 min Scan# 751

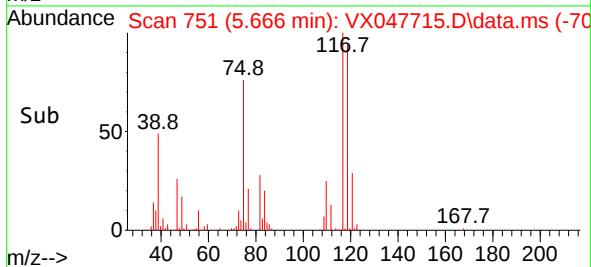
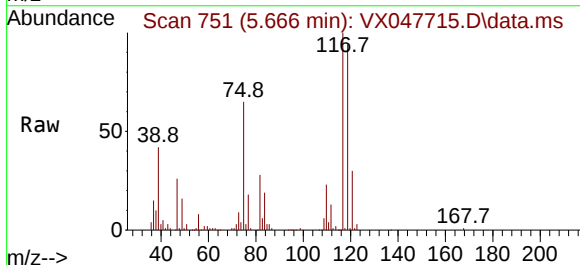
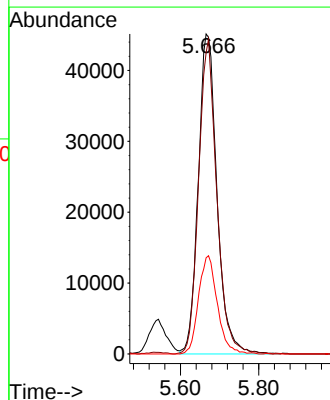
Delta R.T. -0.006 min

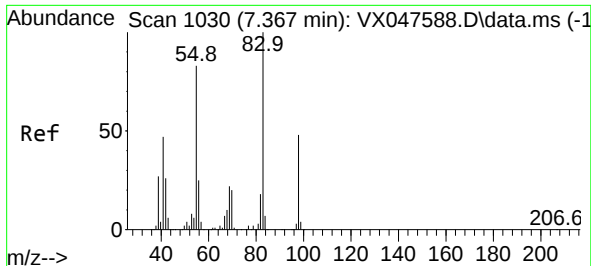
Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Tgt Ion:117 Resp: 150271

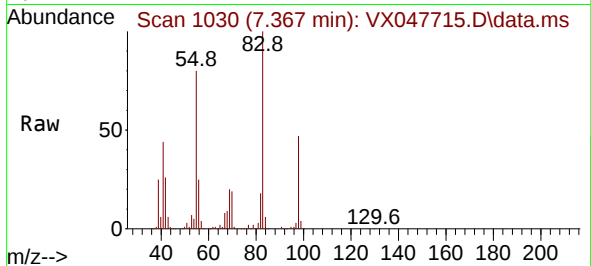
Ion	Ratio	Lower	Upper
117	100		
119	94.0	73.4	110.2
121	30.0	23.8	35.6





#39
Methylcyclohexane
Concen: 51.153 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

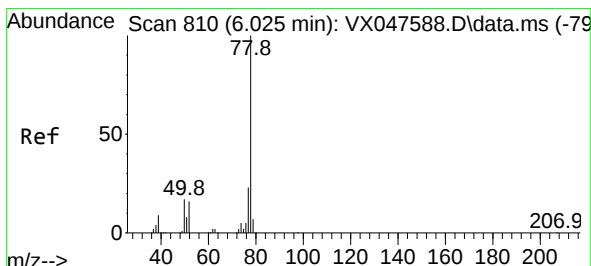
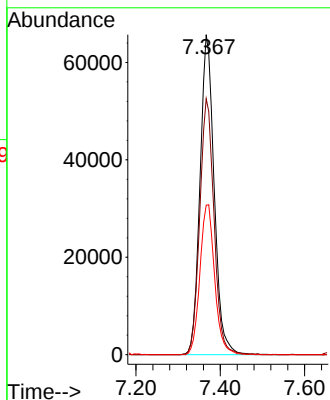
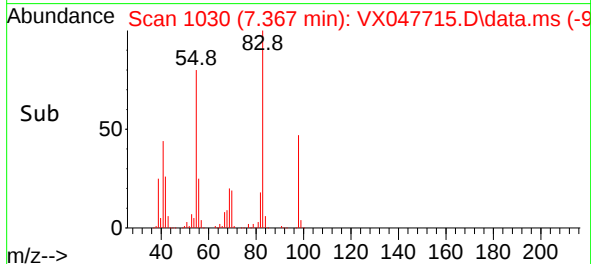
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 83 Resp: 15386
Ion Ratio Lower Upper
83 100
55 80.0 66.4 99.6
98 46.7 38.1 57.1

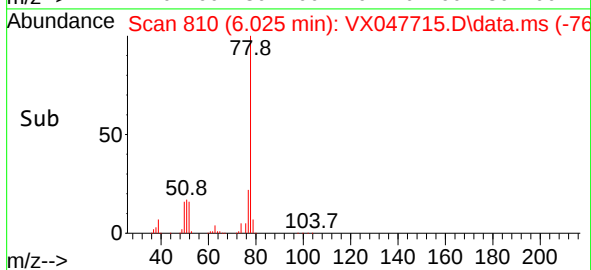
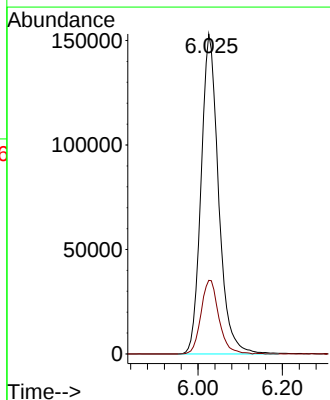
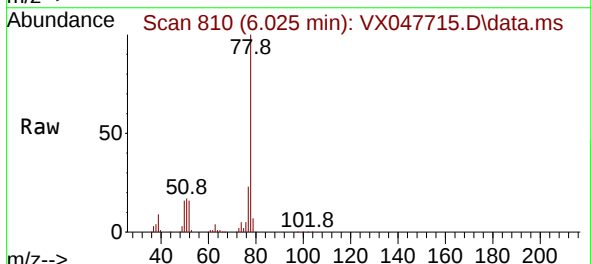
Manual Integrations
APPROVED

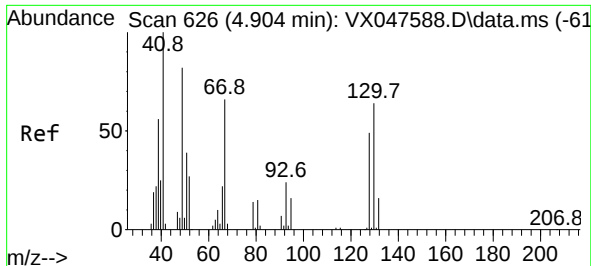
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#40
Benzene
Concen: 54.879 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

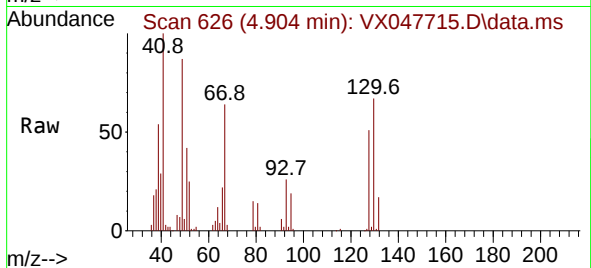
Tgt Ion: 78 Resp: 441675
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2





#41
Methacrylonitrile
Concen: 57.102 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

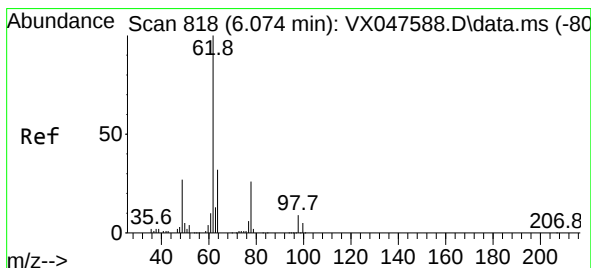
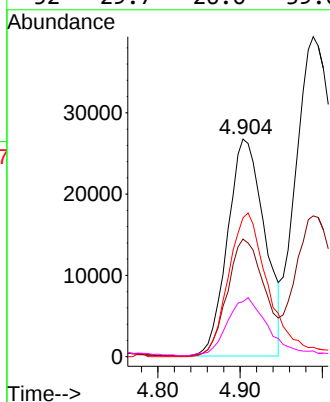
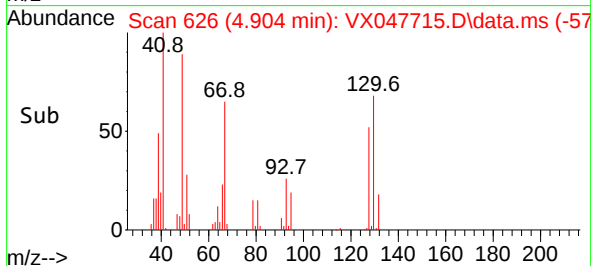
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 41 Resp: 83638
Ion Ratio Lower Upper
41 100
39 54.1 43.3 64.9
67 74.1 58.6 87.8
52 29.7 26.0 39.0

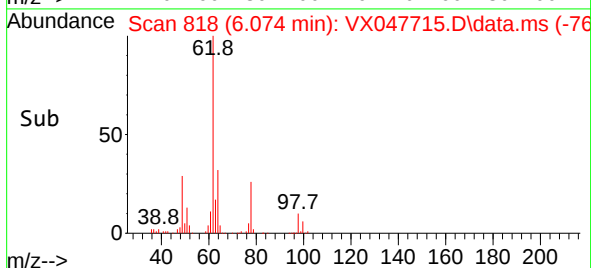
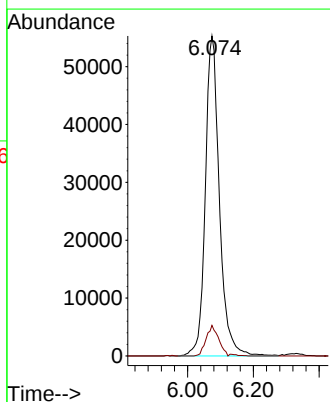
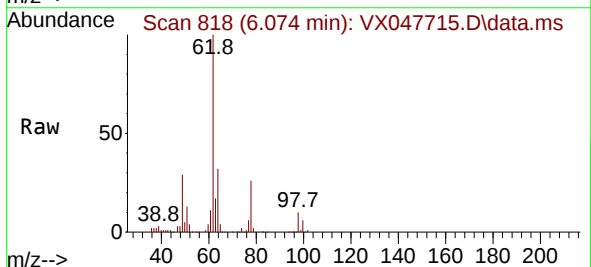
Manual Integrations
APPROVED

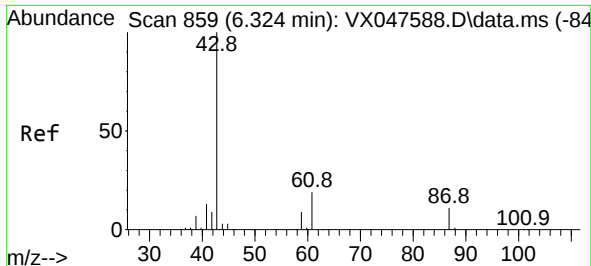
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#42
1,2-Dichloroethane
Concen: 53.778 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

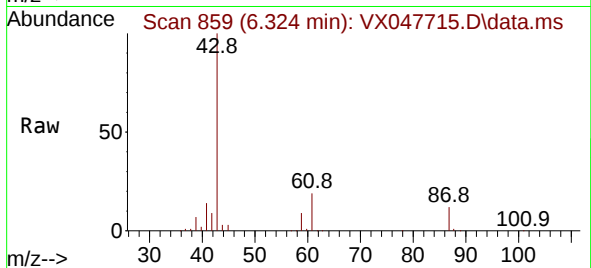
Tgt Ion: 62 Resp: 164680
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.0





#43
Isopropyl Acetate
Concen: 53.417 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

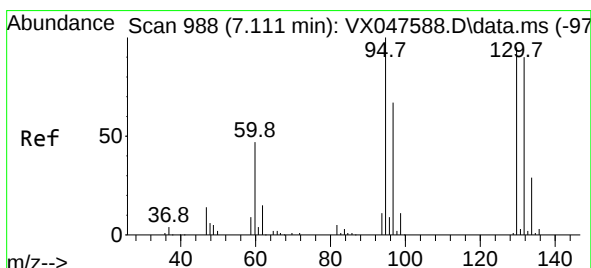
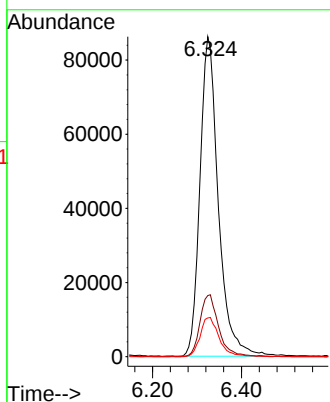
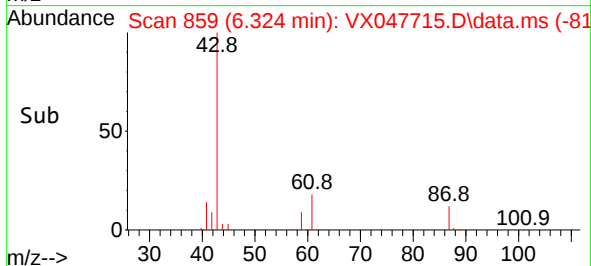
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 43 Resp: 248562
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 12.6 9.6 14.4

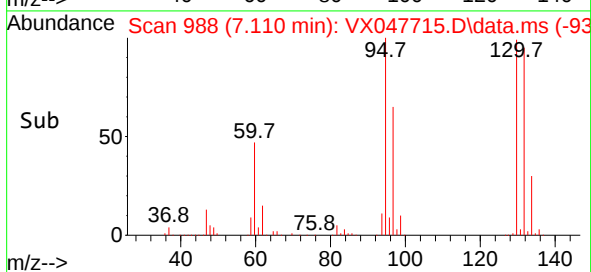
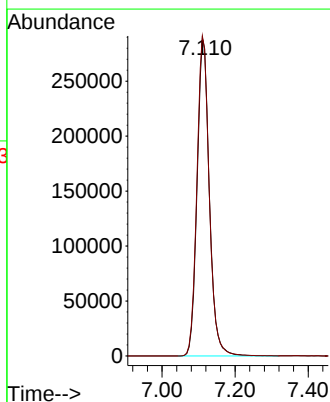
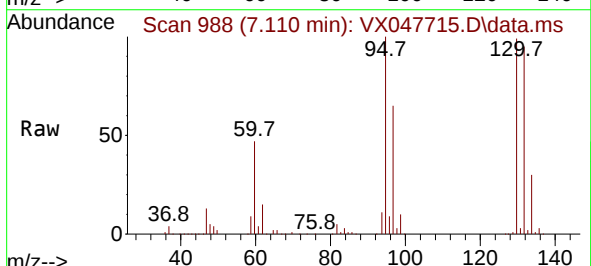
Manual Integrations
APPROVED

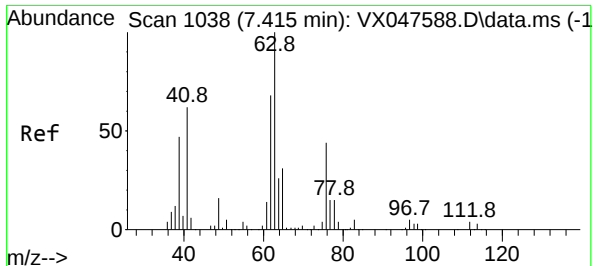
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#44
Trichloroethene
Concen: 347.474 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

Tgt Ion:130 Resp: 676102
Ion Ratio Lower Upper
130 100
95 100.6 0.0 210.8





#45

1,2-Dichloropropane

Concen: 54.048 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MS

Tgt Ion: 63 Resp: 11138

Ion Ratio Lower Upper

63 100

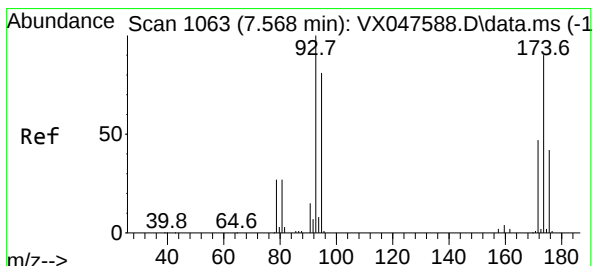
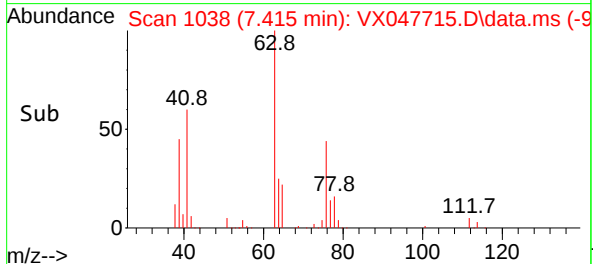
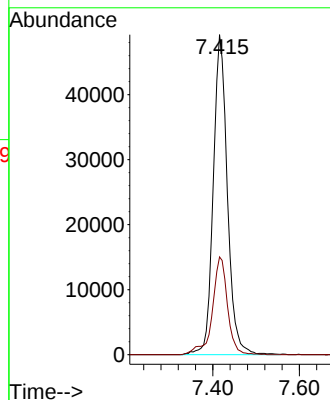
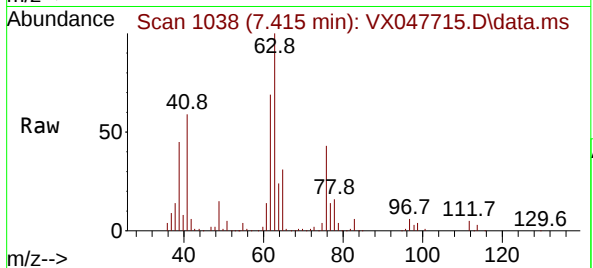
65 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#46

Dibromomethane

Concen: 54.206 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

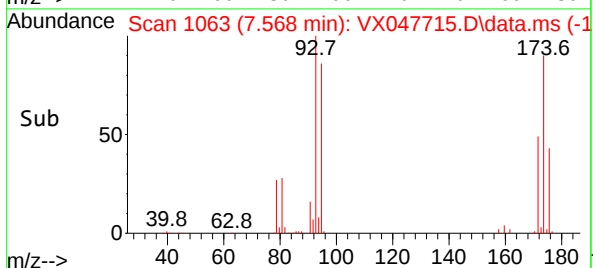
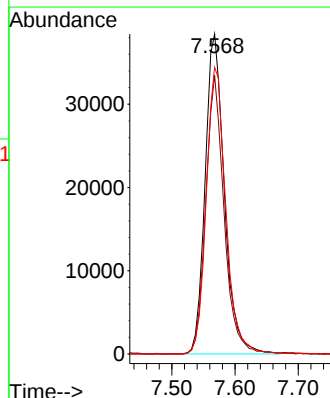
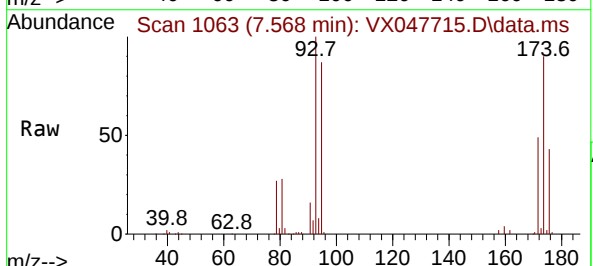
Tgt Ion: 93 Resp: 81291

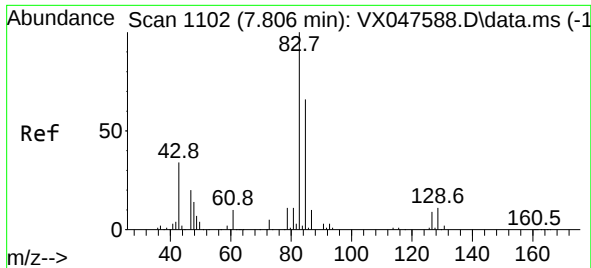
Ion Ratio Lower Upper

93 100

95 83.3 65.0 97.6

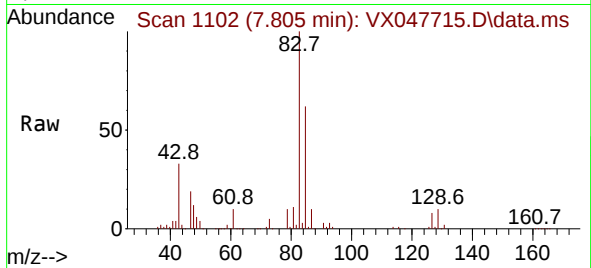
174 91.0 71.6 107.4





#47
Bromodichloromethane
Concen: 53.549 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

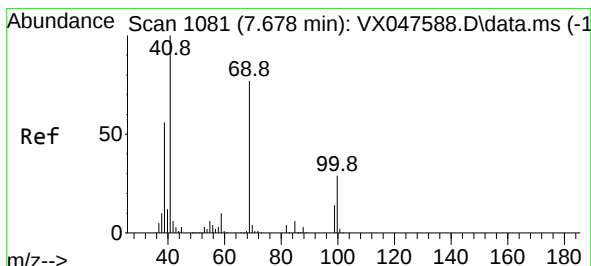
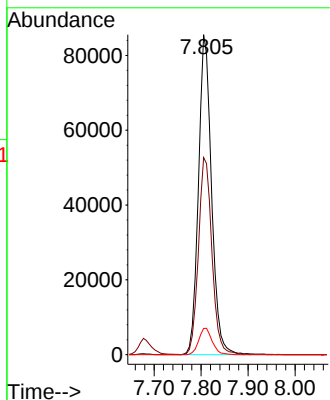
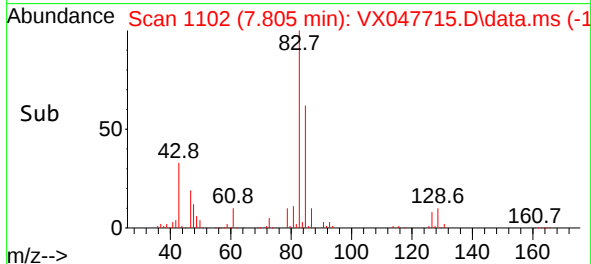
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 83 Resp: 16571
Ion Ratio Lower Upper
83 100
85 61.5 52.5 78.7
127 8.2 6.9 10.3

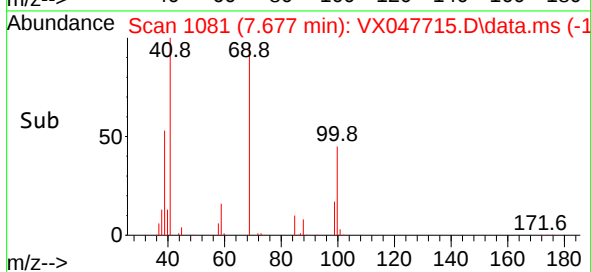
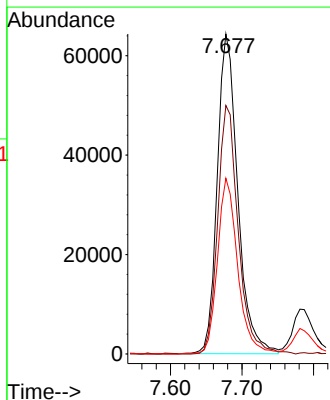
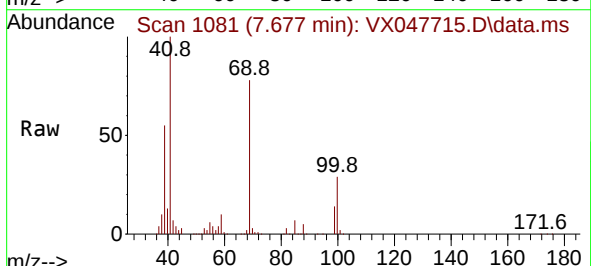
Manual Integrations
APPROVED

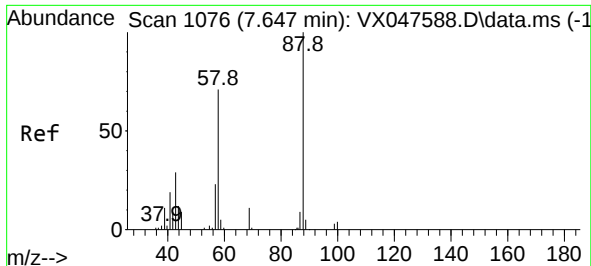
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#48
Methyl methacrylate
Concen: 55.339 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

Tgt Ion: 41 Resp: 128265
Ion Ratio Lower Upper
41 100
69 77.7 61.4 92.2
39 54.3 45.8 68.6





#49

1,4-Dioxane

Concen: 1370.775 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MS

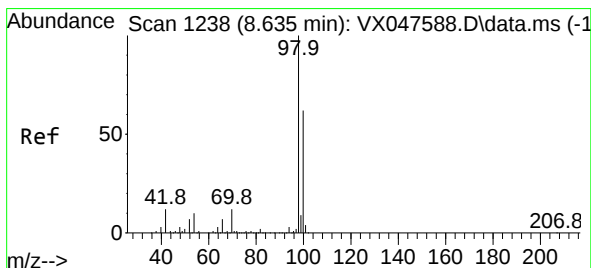
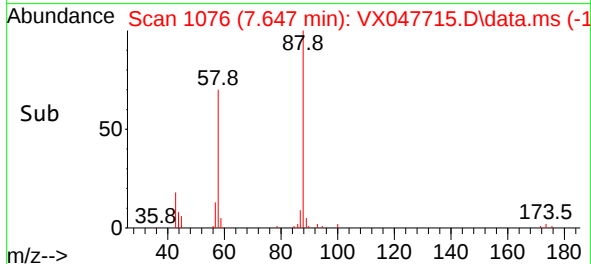
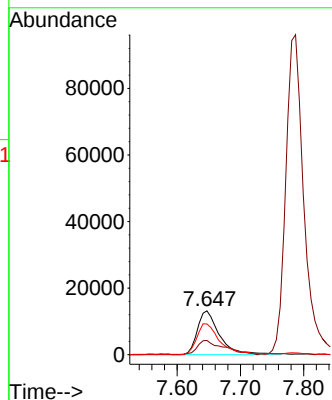
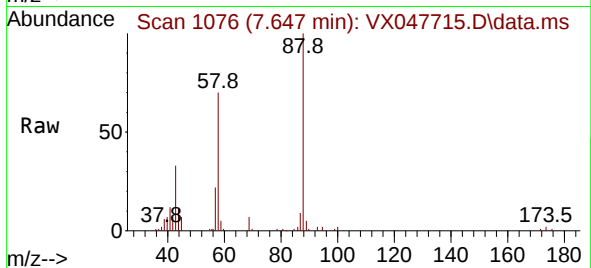
Tgt Ion: 88 Resp: 32109
 Ion Ratio Lower Upper
 88 100
 43 38.8 30.2 45.2
 58 73.2 59.5 89.3

Manual Integrations

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Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#50

Toluene-d8

Concen: 56.625 ug/l

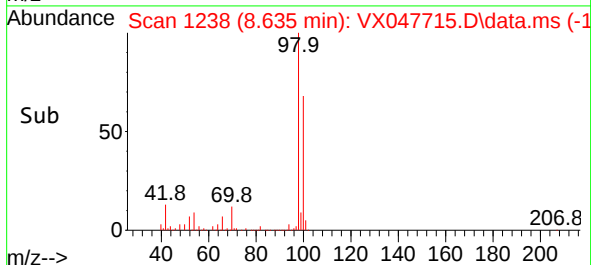
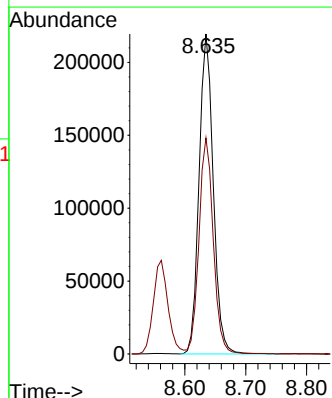
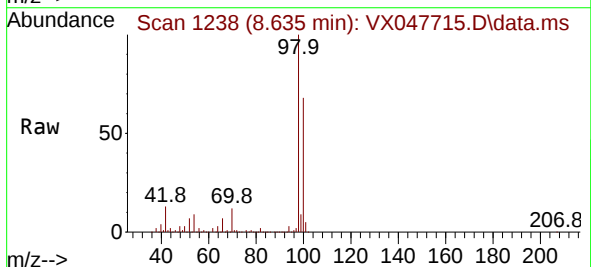
RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

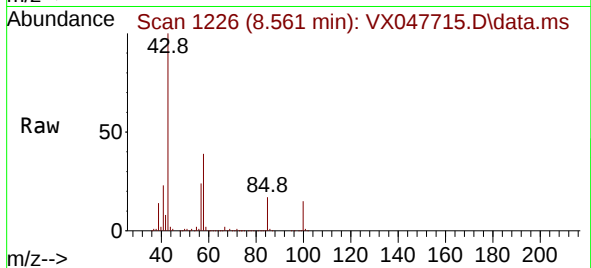
Tgt Ion: 98 Resp: 355310
 Ion Ratio Lower Upper
 98 100
 100 68.2 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 287.265 ug/l
RT: 8.561 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

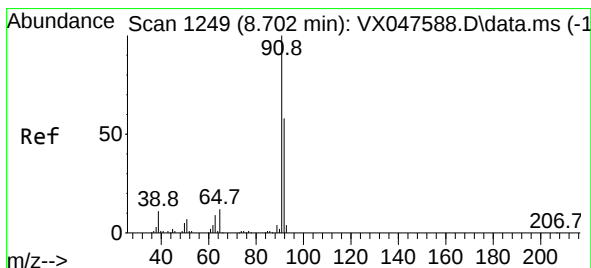
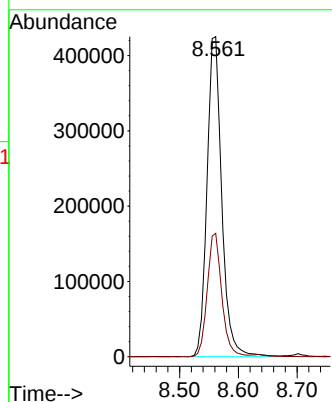
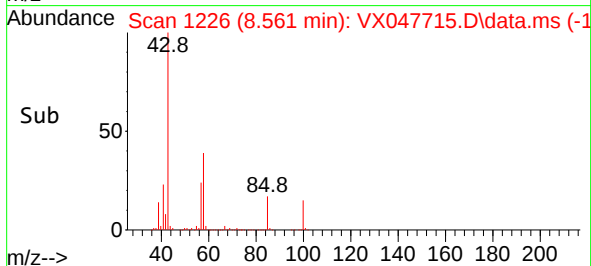
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 43 Resp: 741120
Ion Ratio Lower Upper
43 100
58 38.0 30.3 45.5

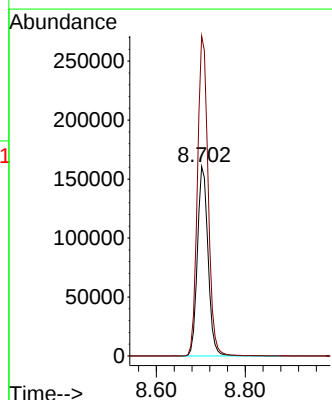
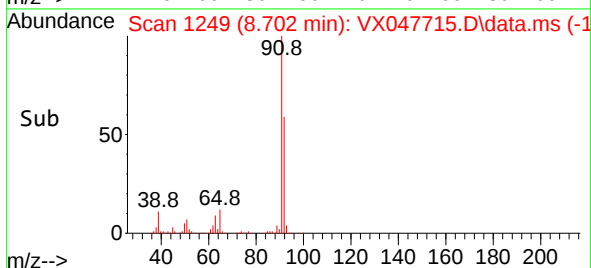
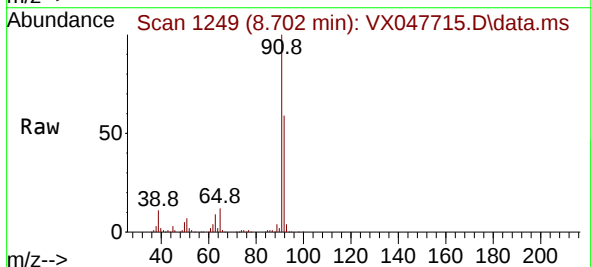
Manual Integrations
APPROVED

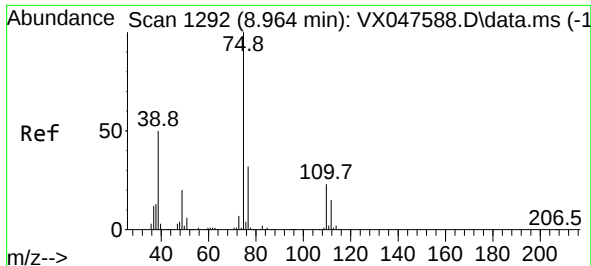
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#52
Toluene
Concen: 53.583 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

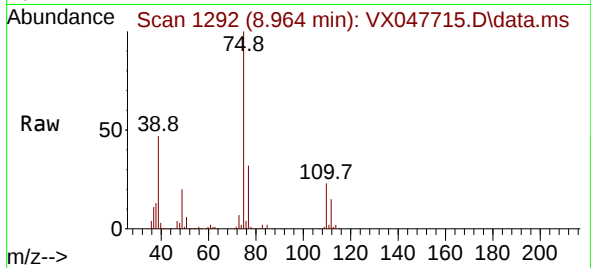
Tgt Ion: 92 Resp: 265691
Ion Ratio Lower Upper
92 100
91 169.7 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 53.106 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

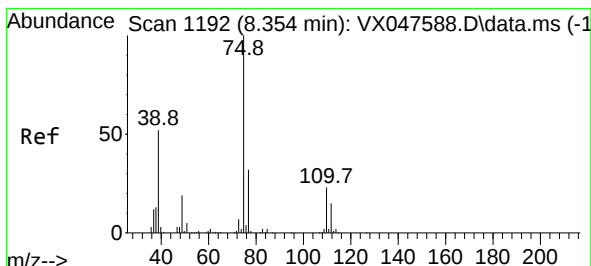
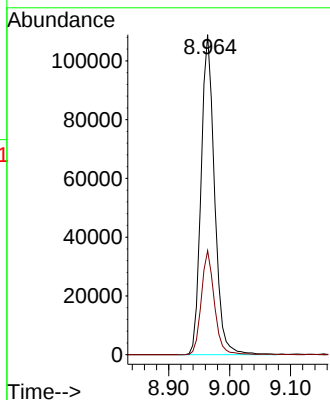
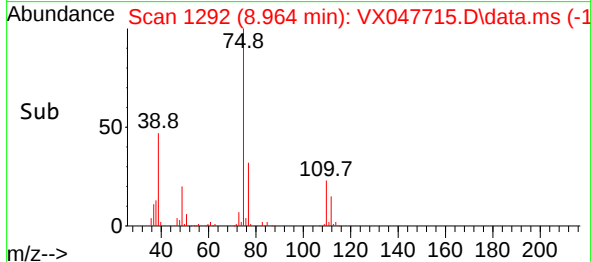
Instrument : MSVOA_X
ClientSampleId : RE103D2-20250911MS



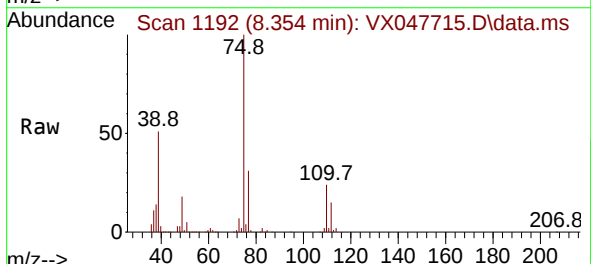
Tgt Ion: 75 Resp: 16763
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2

Manual Integrations
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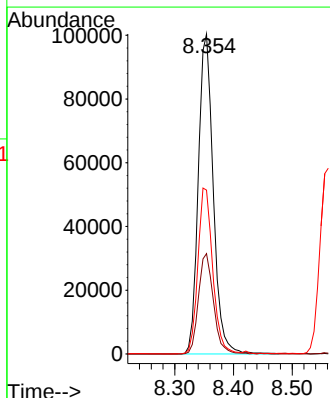
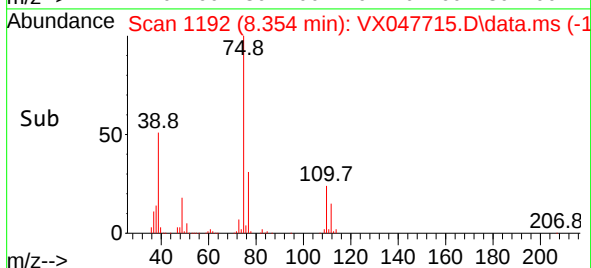
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

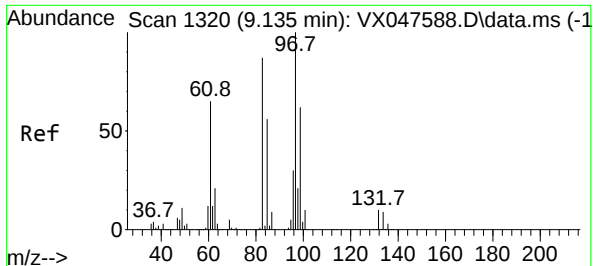


#54
cis-1,3-Dichloropropene
Concen: 52.436 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



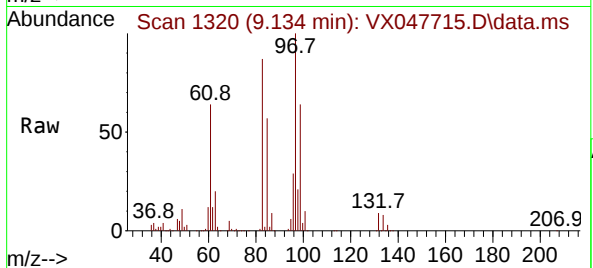
Tgt Ion: 75 Resp: 176915
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6
39 51.1 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 54.609 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

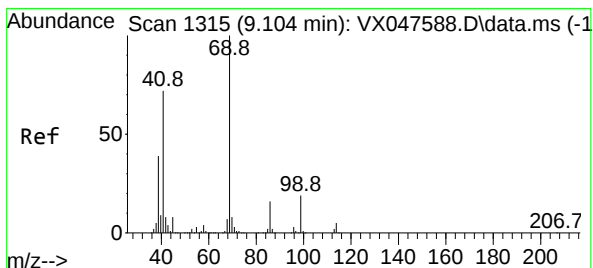
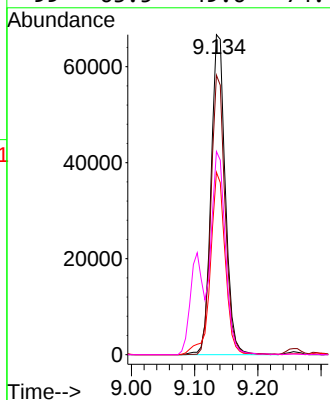
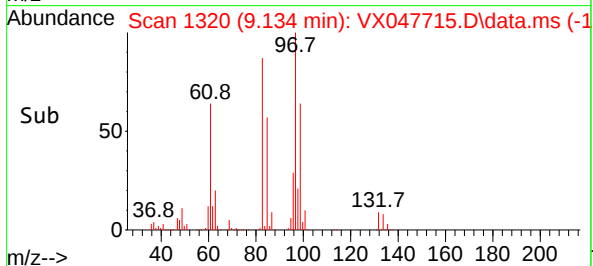
Instrument : MSVOA_X
ClientSampleId : RE103D2-20250911MS



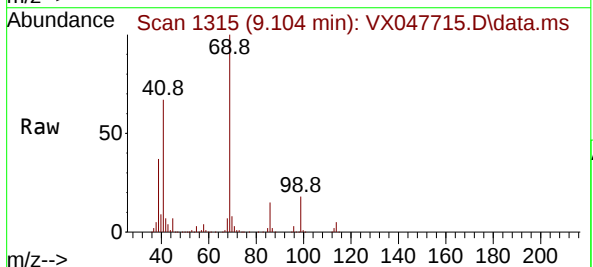
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.6	104.4
85	57.0	45.0	67.6
99	63.5	49.6	74.4

Manual Integrations
APPROVED

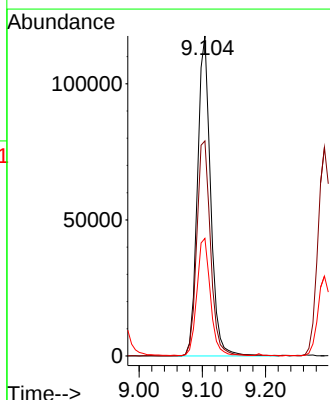
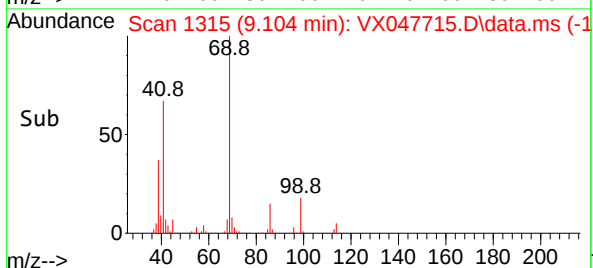
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

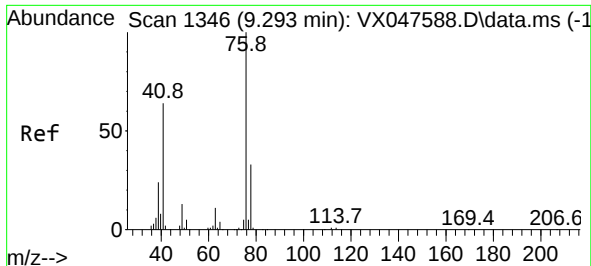


#56
Ethyl methacrylate
Concen: 56.764 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.3	58.6	87.8
39	37.5	31.5	47.3





#57

1,3-Dichloropropane

Concen: 55.685 ug/l

RT: 9.293 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MS

Tgt Ion: 76 Resp: 18289

Ion Ratio Lower Upper

76 100

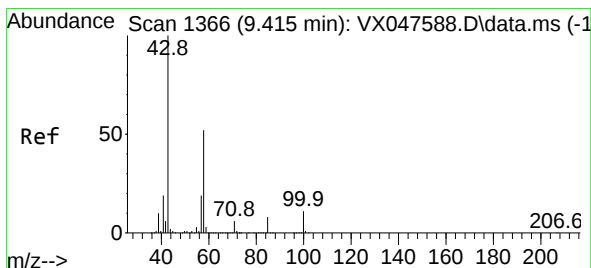
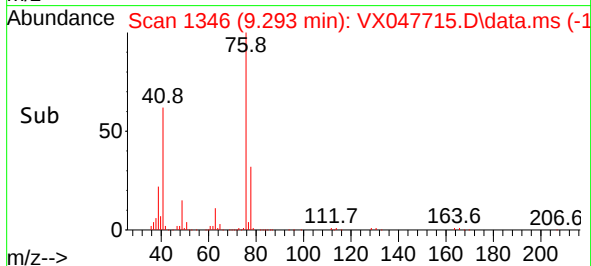
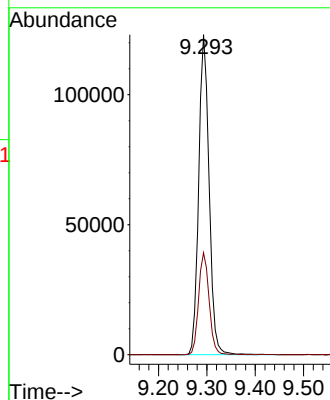
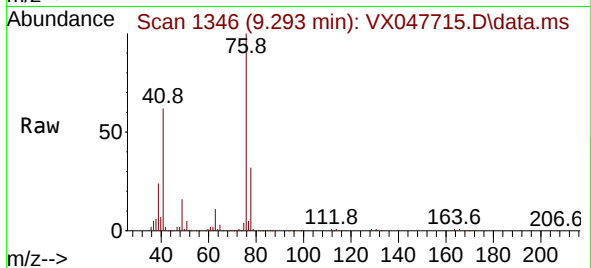
78 32.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#59

2-Hexanone

Concen: 278.577 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX047715.D

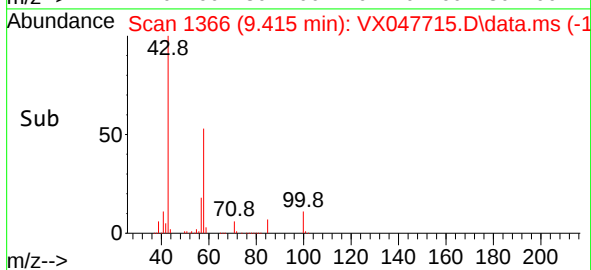
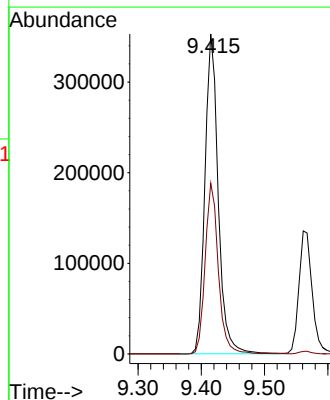
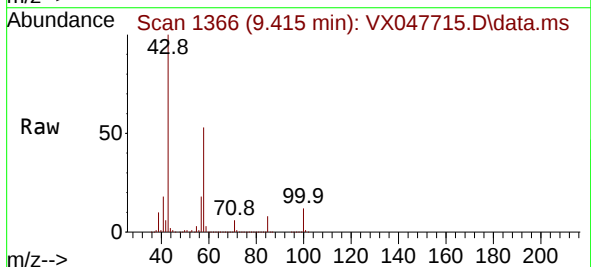
Acq: 22 Sep 2025 18:58

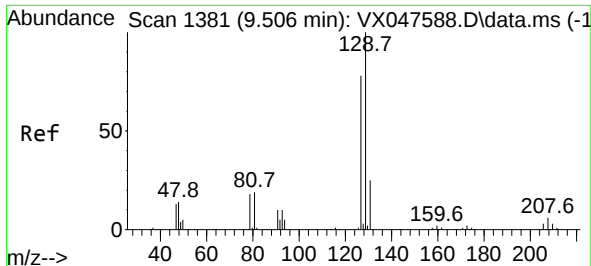
Tgt Ion: 43 Resp: 516181

Ion Ratio Lower Upper

43 100

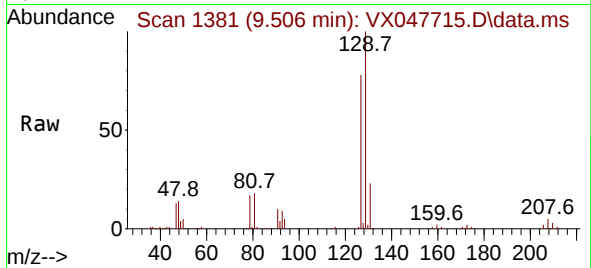
58 53.2 26.1 78.2





#60
Dibromochloromethane
Concen: 55.672 ug/l
RT: 9.506 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

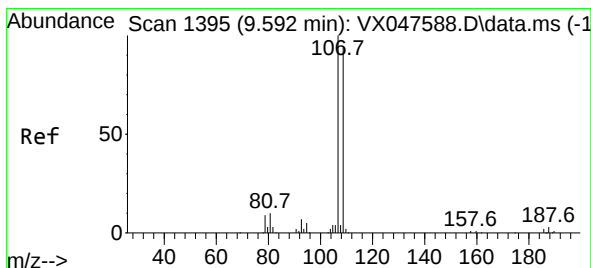
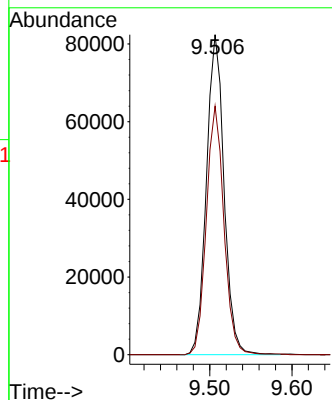
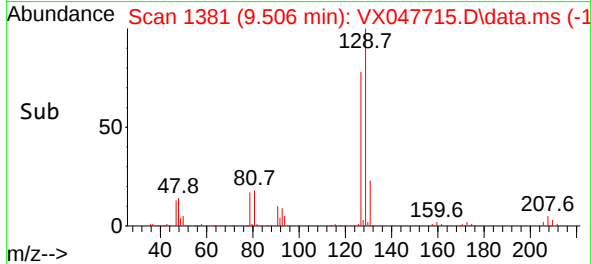
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion:129 Resp: 12264
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2

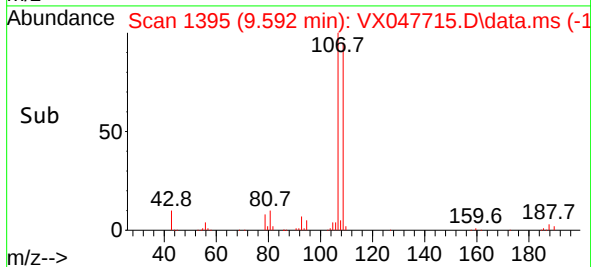
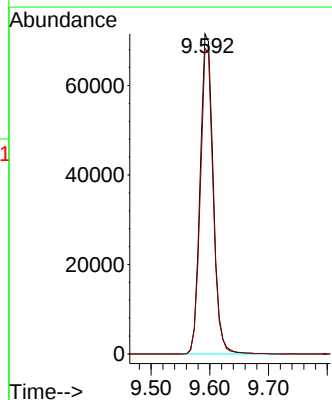
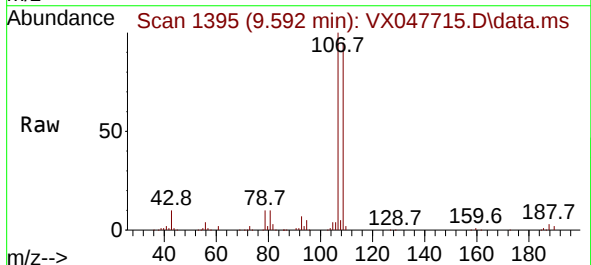
Manual Integrations
APPROVED

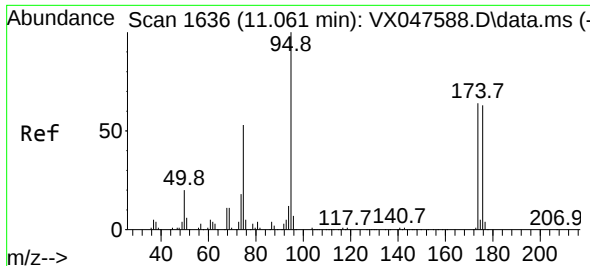
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#61
1,2-Dibromoethane
Concen: 56.847 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

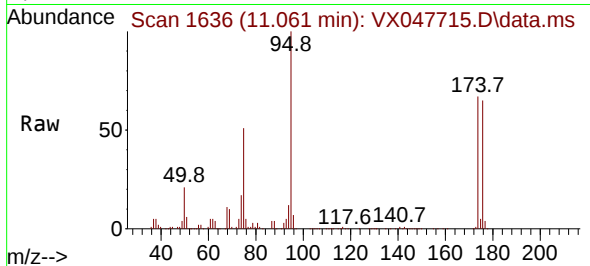
Tgt Ion:107 Resp: 110705
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9





#62
4-Bromofluorobenzene
Concen: 56.821 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

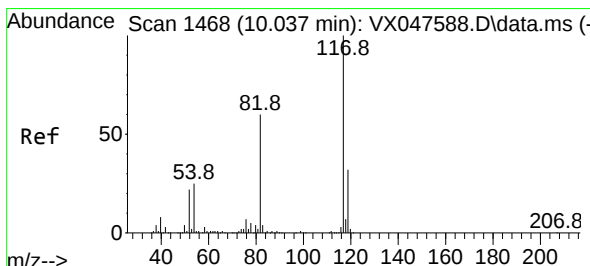
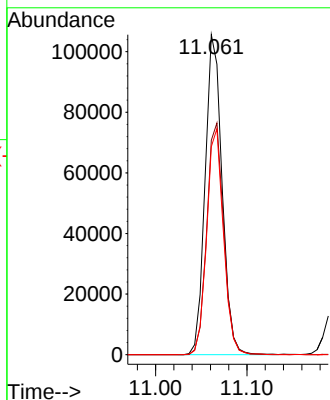
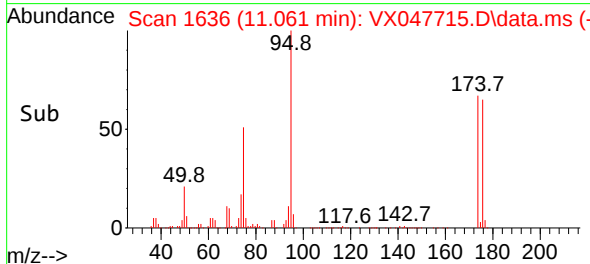
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



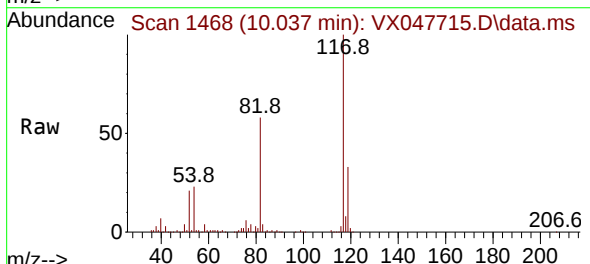
Tgt Ion: 95 Resp: 135314
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 69.9 0.0 138.4

Manual Integrations
APPROVED

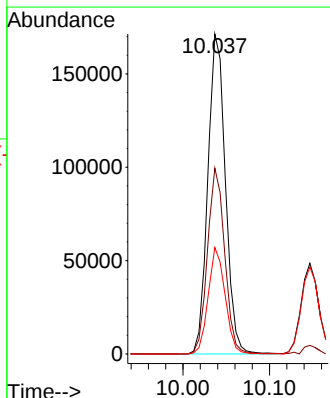
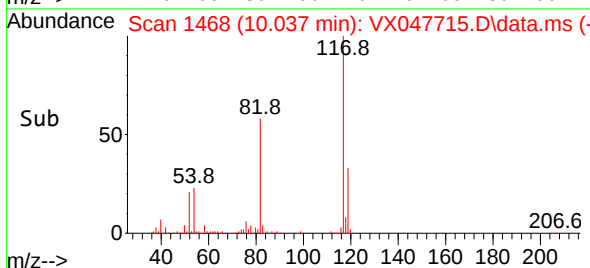
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

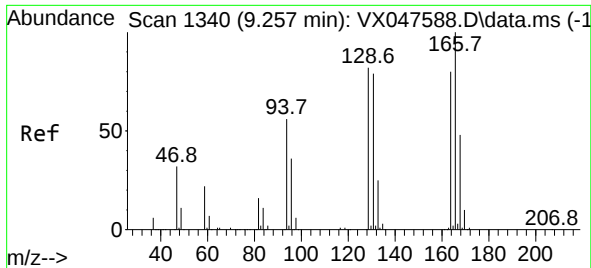


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



Tgt Ion:117 Resp: 241438
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 33.2 25.2 37.8





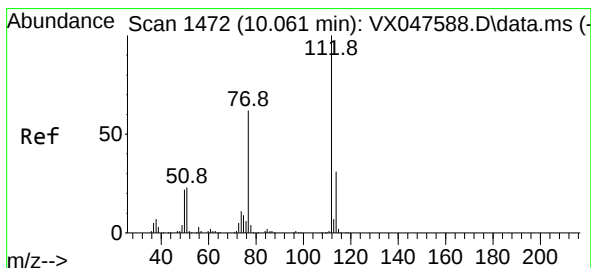
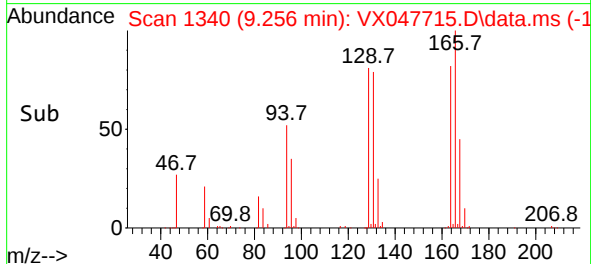
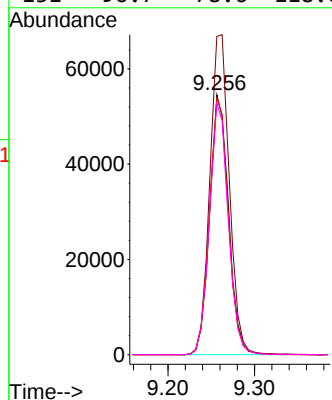
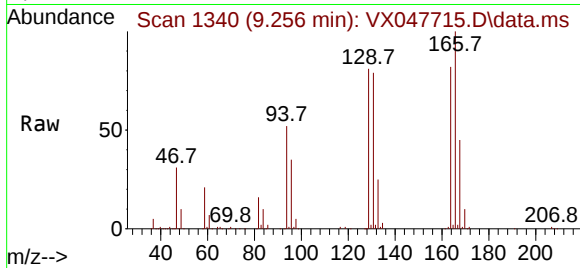
#64
Tetrachloroethene
Concen: 52.520 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:164 Resp: 8266
Ion Ratio Lower Upper
164 100
166 122.4 100.2 150.2
129 98.7 81.8 122.6
131 96.7 78.6 118.0

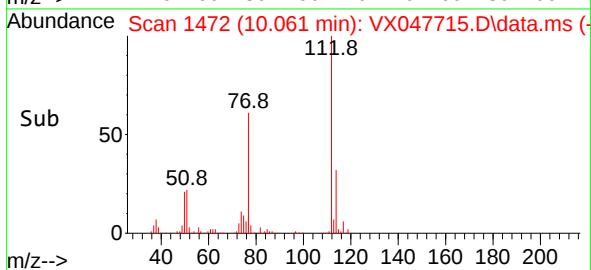
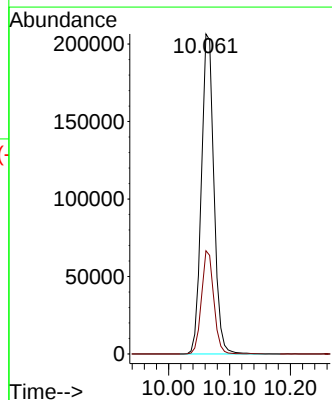
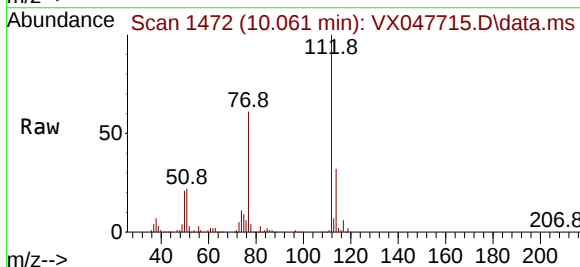
Manual Integrations
APPROVED

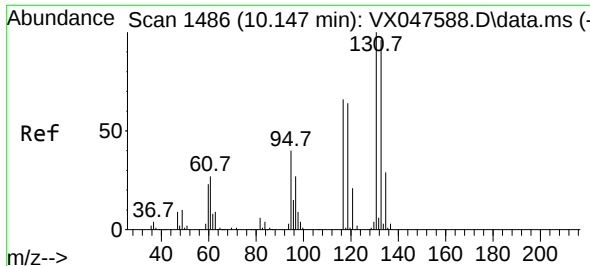
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#65
Chlorobenzene
Concen: 53.911 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

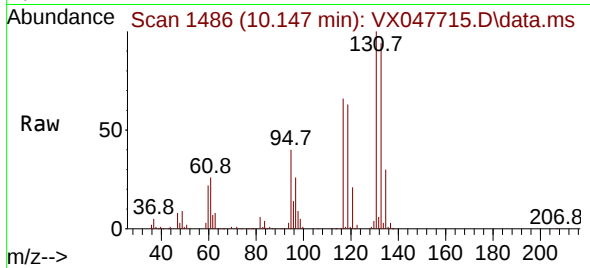
Tgt Ion:112 Resp: 295700
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 54.546 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

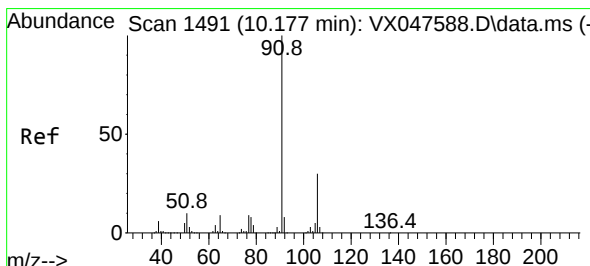
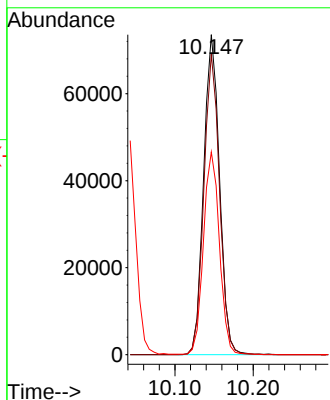
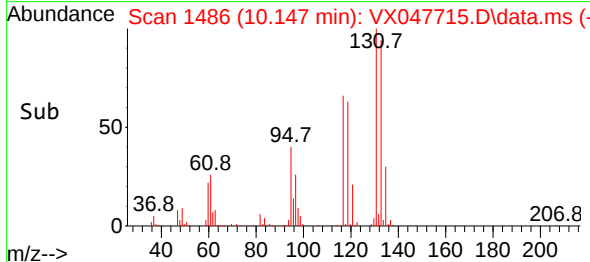
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion:131 Resp: 103240
Ion Ratio Lower Upper
131 100
133 93.1 47.3 142.0
119 64.0 32.0 96.0

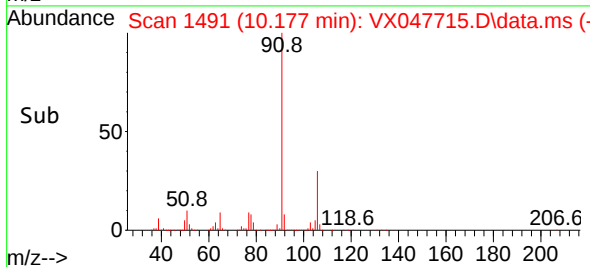
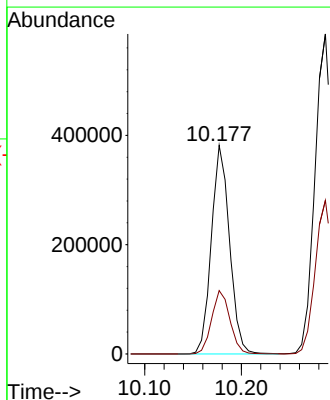
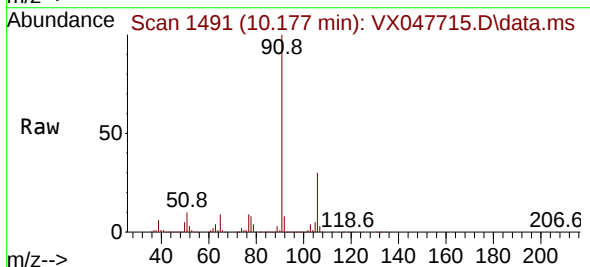
Manual Integrations
APPROVED

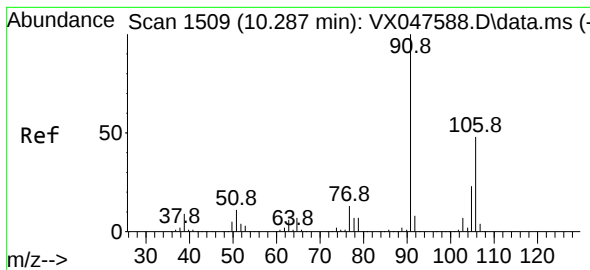
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#67
Ethyl Benzene
Concen: 52.704 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

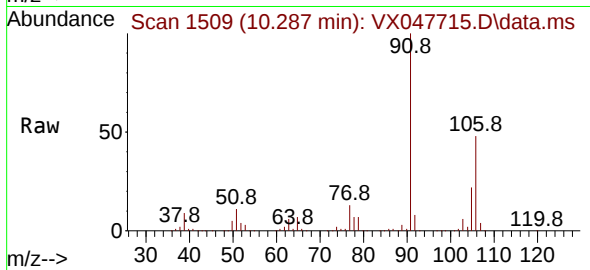
Tgt Ion: 91 Resp: 498788
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5





#68
m/p-Xylenes
Concen: 106.818 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

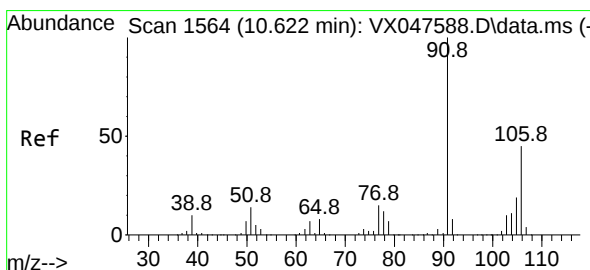
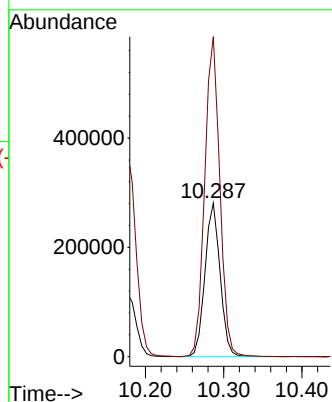
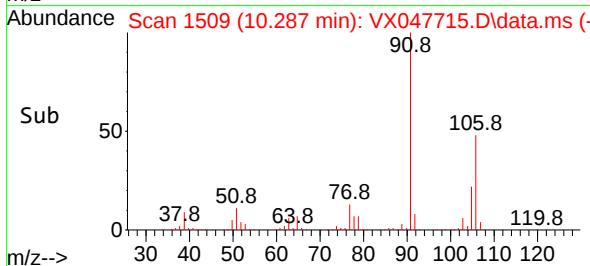
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion:106 Resp: 376279
Ion Ratio Lower Upper
106 100
91 208.5 167.8 251.8

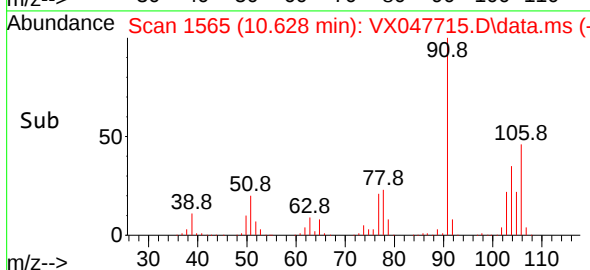
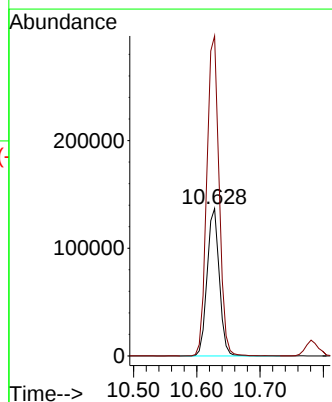
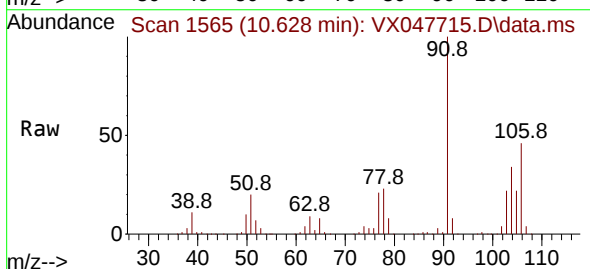
Manual Integrations
APPROVED

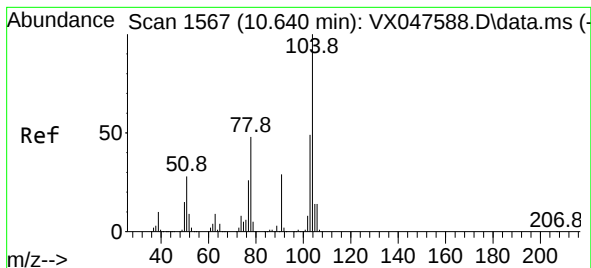
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#69
o-Xylene
Concen: 53.793 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

Tgt Ion:106 Resp: 183279
Ion Ratio Lower Upper
106 100
91 219.9 111.1 333.4





#70

Styrene

Concen: 53.747 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MS

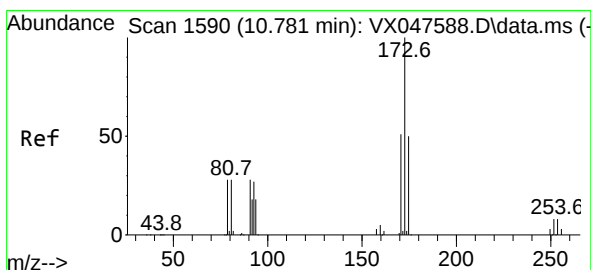
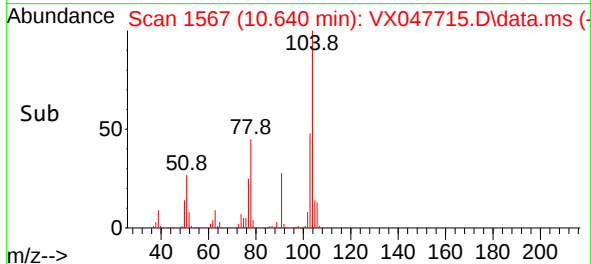
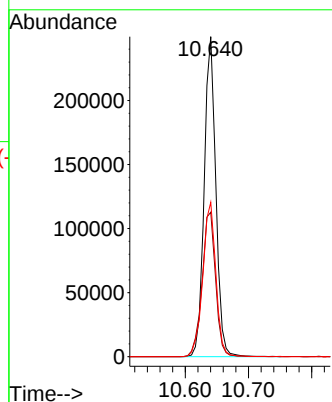
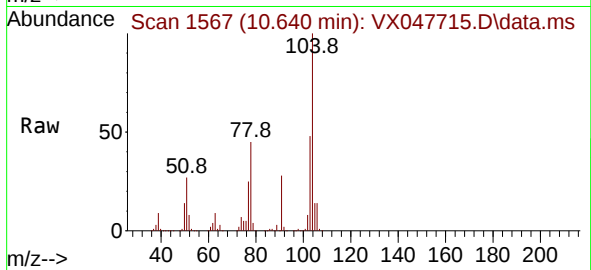
Tgt Ion:	104	Resp:	32086
Ion Ratio	Lower	Upper	
104	100		
78	52.5	43.1	64.7
103	54.1	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#71

Bromoform

Concen: 54.826 ug/l

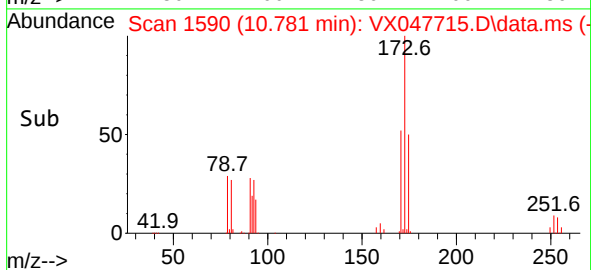
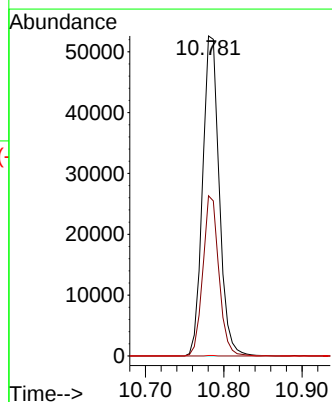
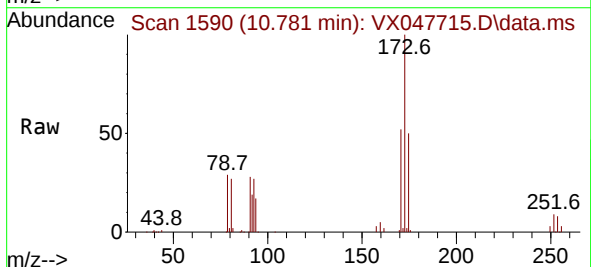
RT: 10.781 min Scan# 1590

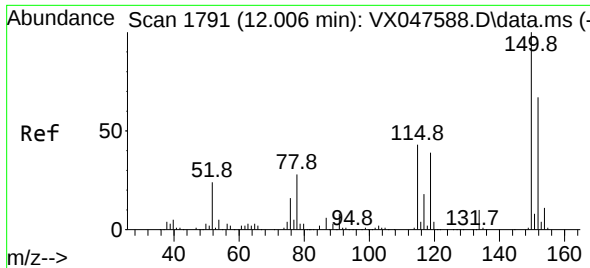
Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

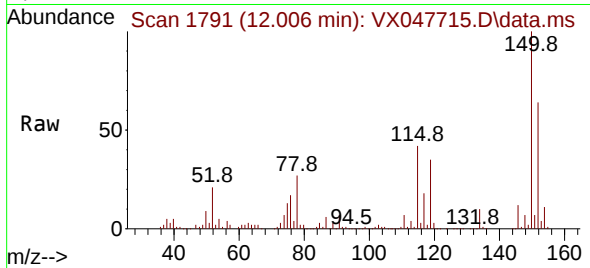
Tgt Ion:	173	Resp:	77485
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.9	74.6
254	0.1	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

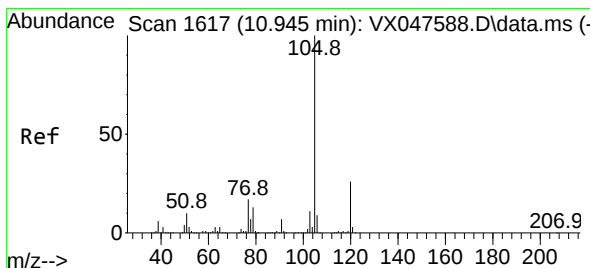
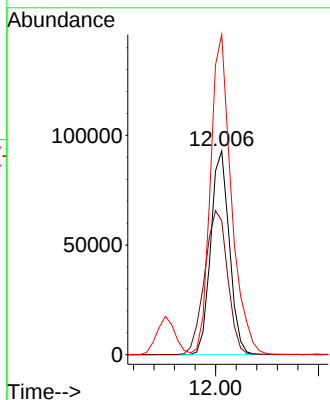
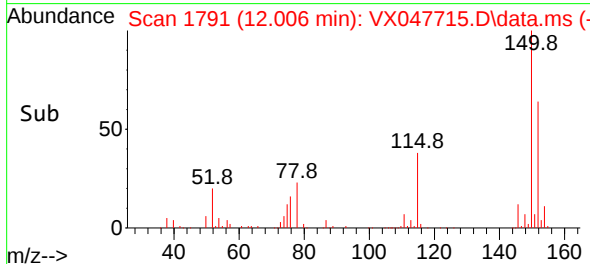
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



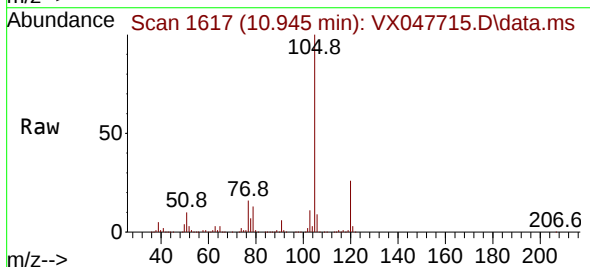
Tgt Ion:152 Resp: 11653
Ion Ratio Lower Upper
152 100
115 87.9 44.9 134.5
150 176.0 0.0 352.0

Manual Integrations
APPROVED

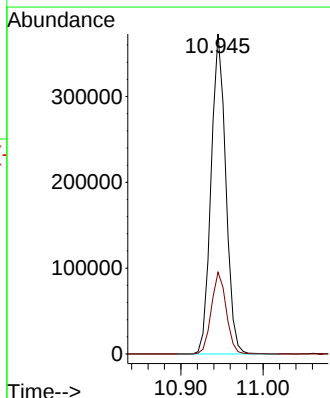
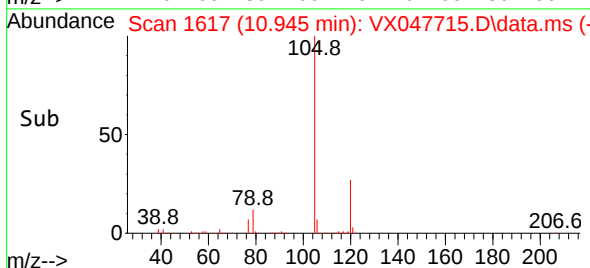
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

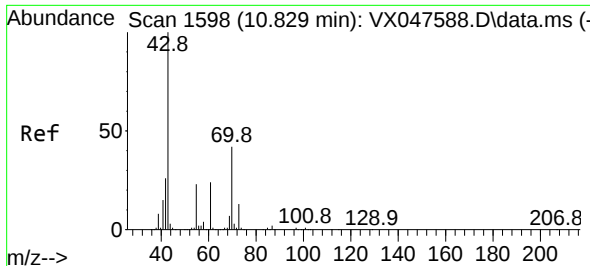


#73
Isopropylbenzene
Concen: 52.217 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



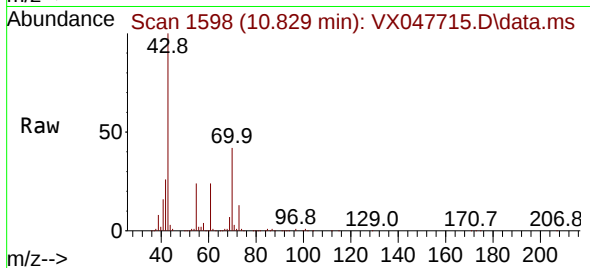
Tgt Ion:105 Resp: 462634
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4





#74
N-amy1 acetate
Concen: 52.202 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

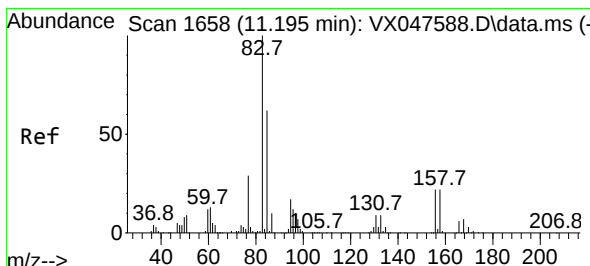
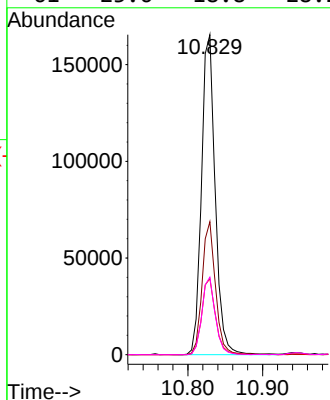
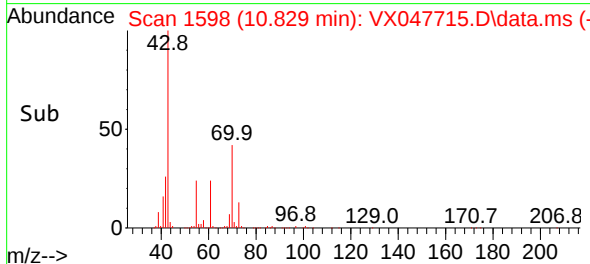
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion:	43	Resp:	210910
Ion	Ratio	Lower	Upper
43	100		
70	40.5	32.0	48.0
55	24.0	18.9	28.3
61	23.6	18.8	28.2

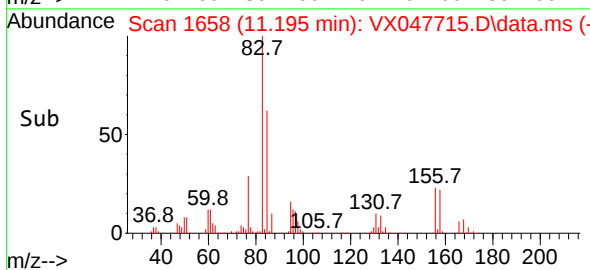
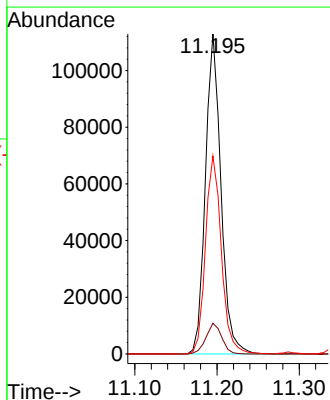
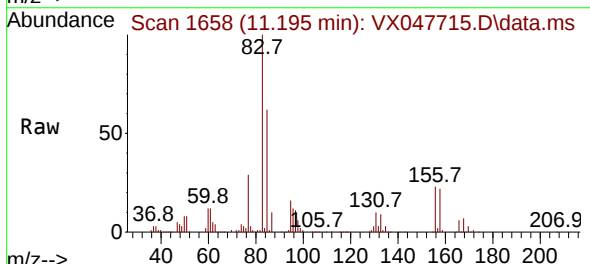
Manual Integrations
APPROVED

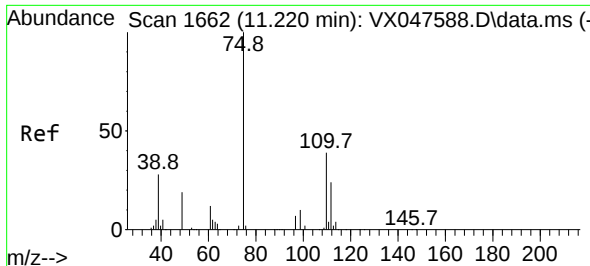
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 55.400 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

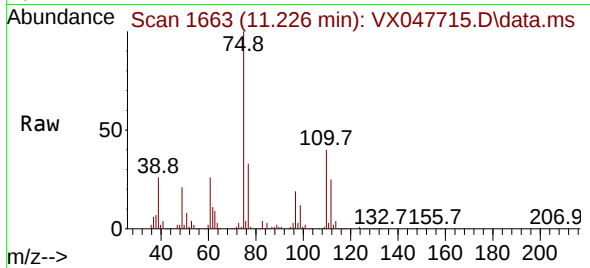
Tgt Ion:	83	Resp:	148503
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	63.3	31.6	95.0





#76
1,2,3-Trichloropropane
Concen: 48.182 ug/l m
RT: 11.226 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

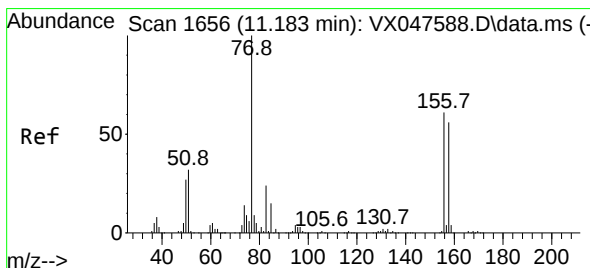
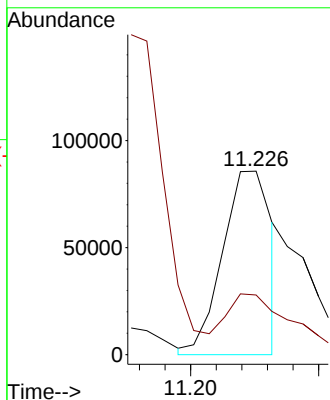
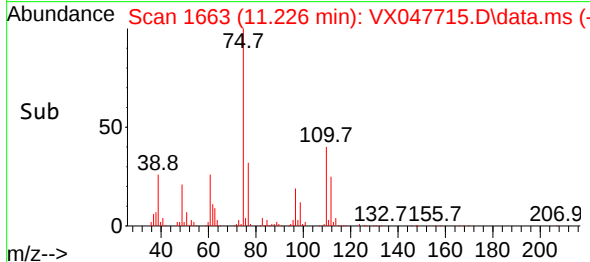
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



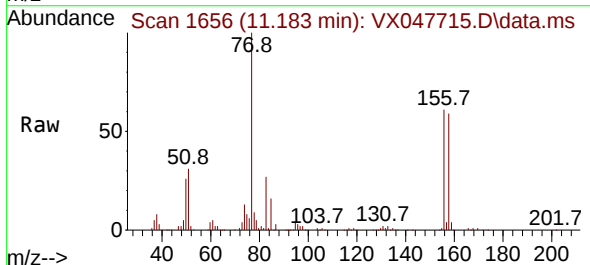
Tgt Ion: 75 Resp: 11368
Ion Ratio Lower Upper
75 100
77 44.5 18.8 56.4

Manual Integrations
APPROVED

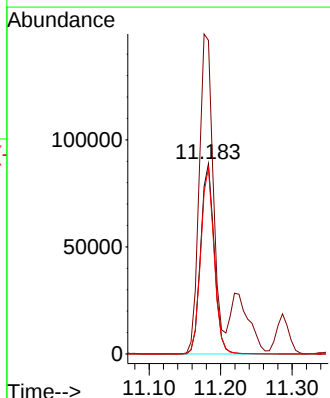
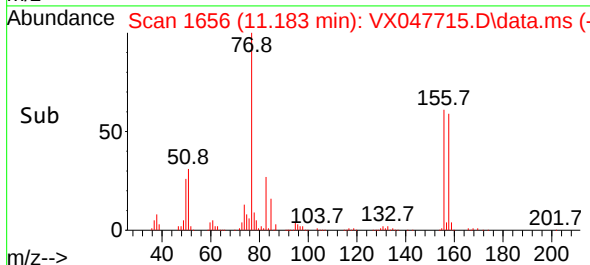
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

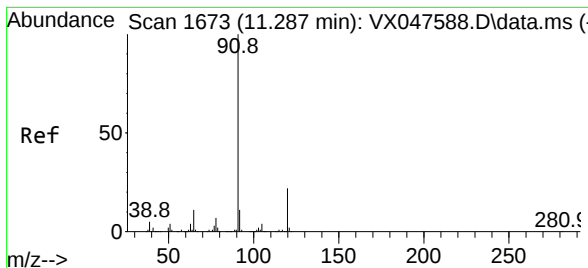


#77
Bromobenzene
Concen: 53.577 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



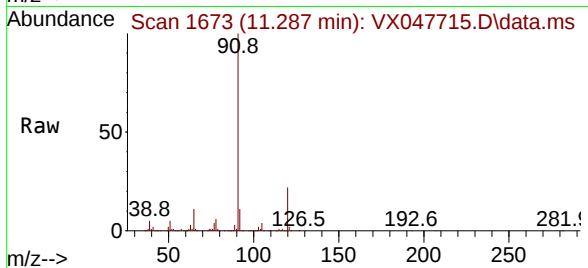
Tgt Ion:156 Resp: 116912
Ion Ratio Lower Upper
156 100
77 175.2 89.7 269.1
158 97.0 47.9 143.6





#78
n-propylbenzene
Concen: 51.826 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

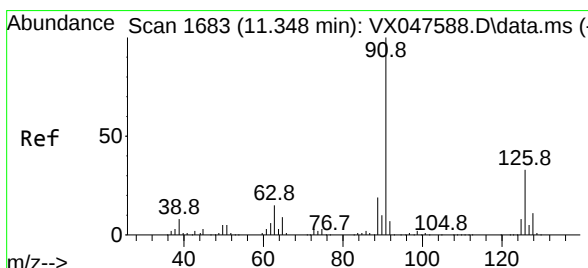
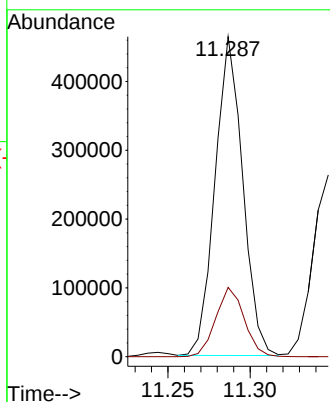
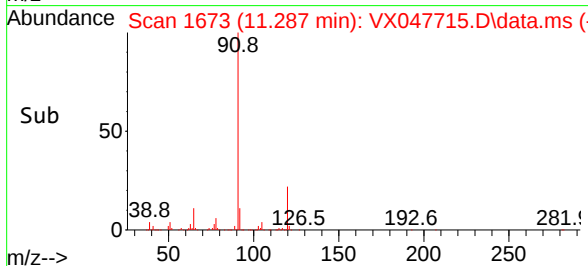
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



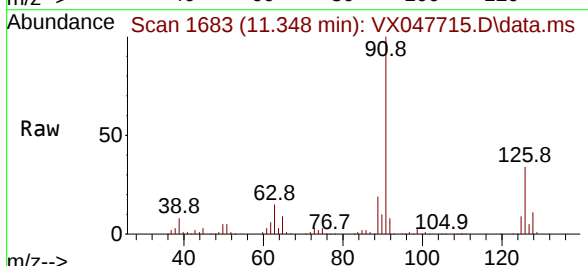
Tgt Ion: 91 Resp: 54279
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1

Manual Integrations
APPROVED

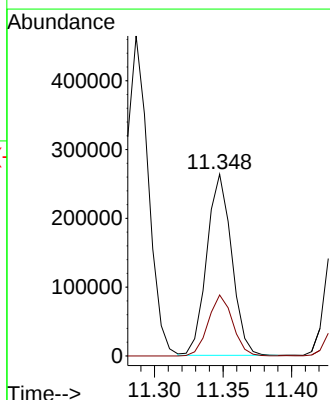
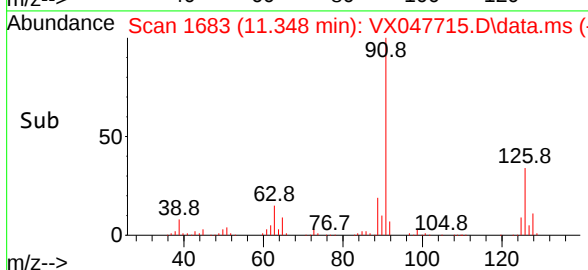
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

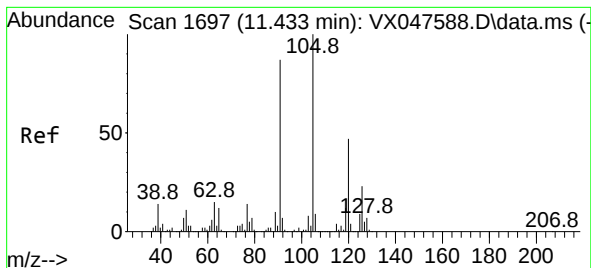


#79
2-Chlorotoluene
Concen: 51.805 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



Tgt Ion: 91 Resp: 332315
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 51.921 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MS

Tgt Ion:105 Resp: 377938

Ion Ratio Lower Upper

105 100

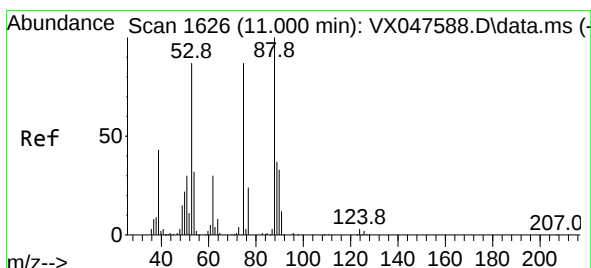
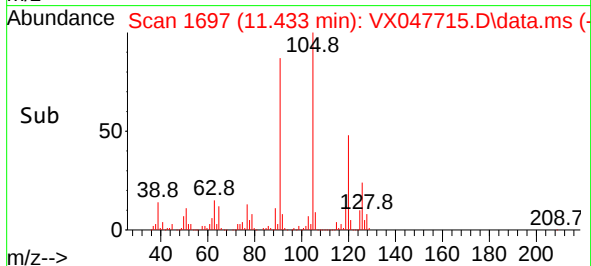
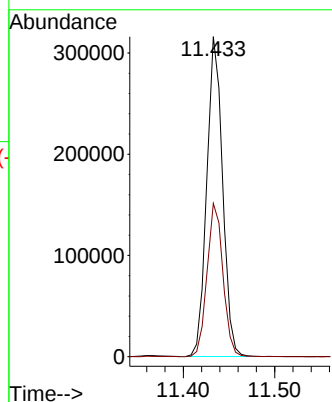
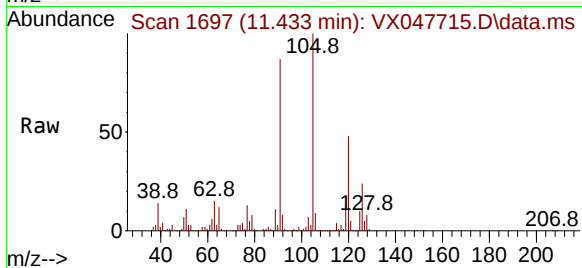
120 48.4 23.6 70.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 50.434 ug/l

RT: 11.000 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

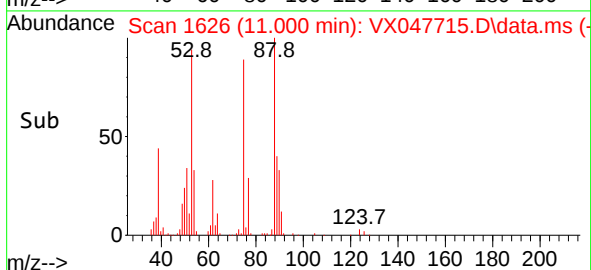
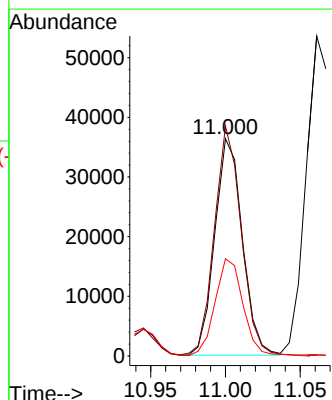
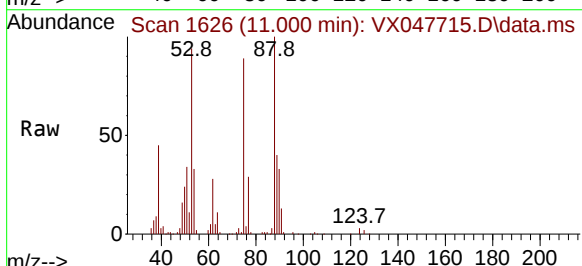
Tgt Ion: 75 Resp: 46664

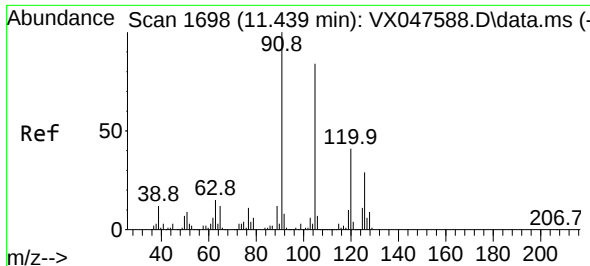
Ion Ratio Lower Upper

75 100

53 104.1 83.4 125.2

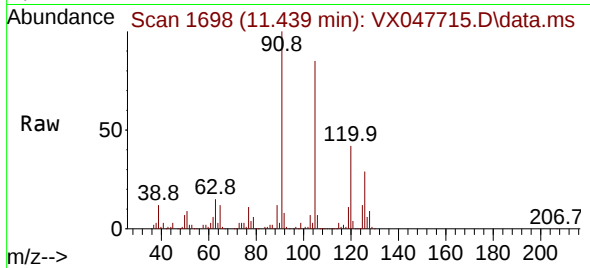
89 45.4 36.3 54.5





#82
4-Chlorotoluene
Concen: 51.951 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

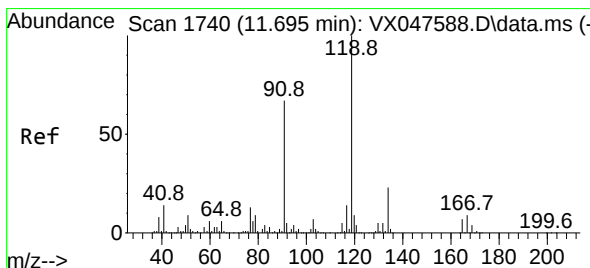
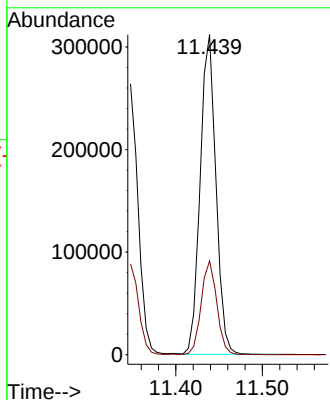
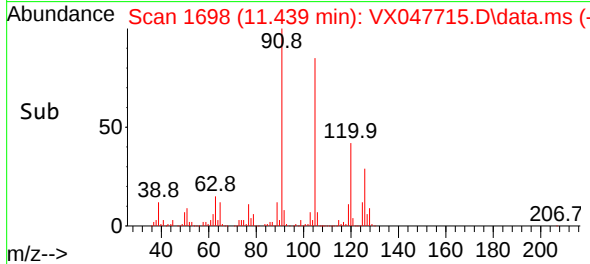
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



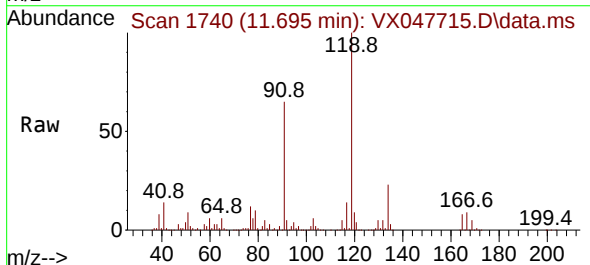
Tgt Ion: 91 Resp: 39359
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6

Manual Integrations
APPROVED

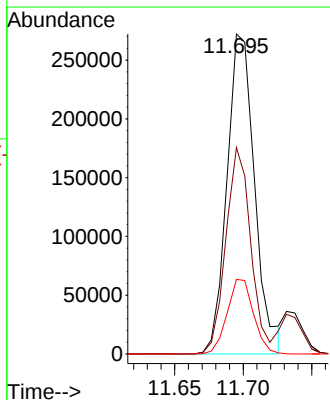
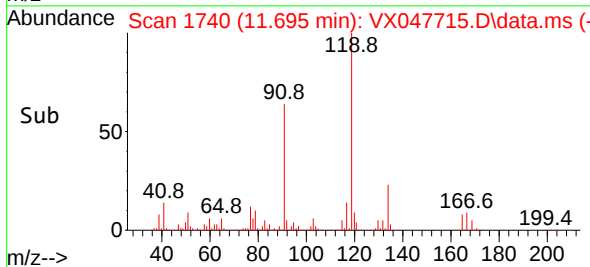
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

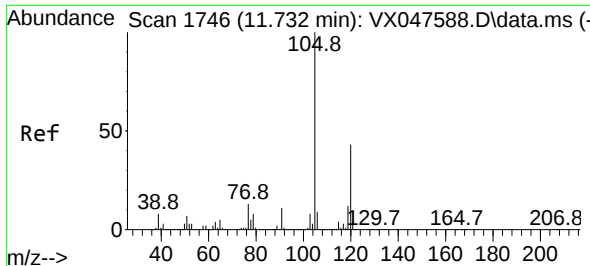


#83
tert-Butylbenzene
Concen: 51.420 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



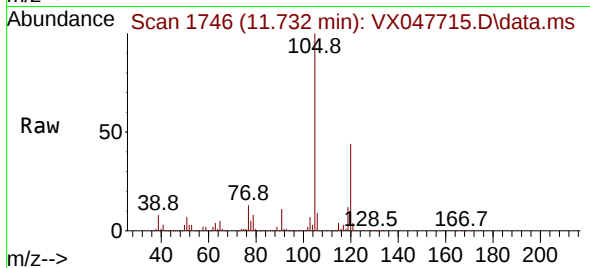
Tgt Ion:119 Resp: 383158
Ion Ratio Lower Upper
119 100
91 58.0 29.6 88.8
134 22.2 11.0 33.0





#84
1,2,4-Trimethylbenzene
Concen: 52.035 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

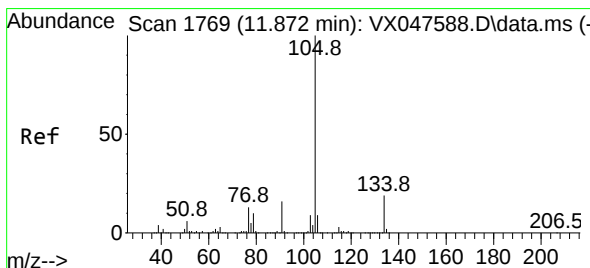
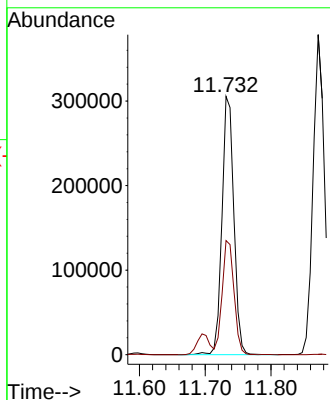
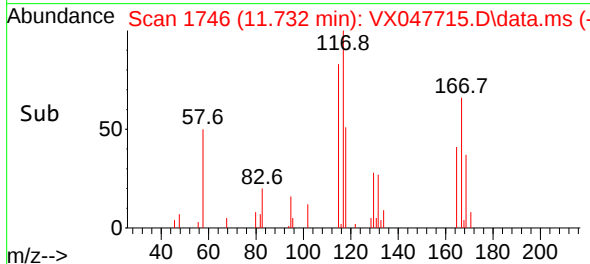
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



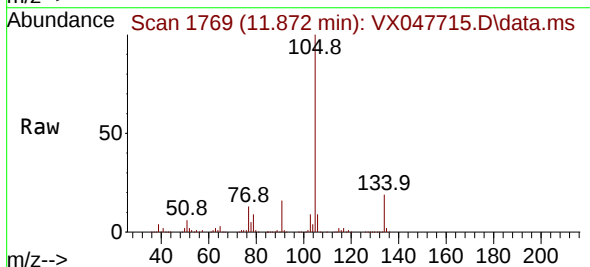
Tgt Ion:105 Resp: 384015
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.1

Manual Integrations
APPROVED

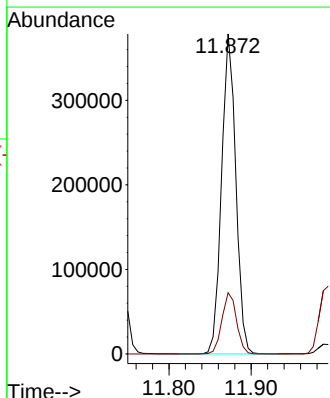
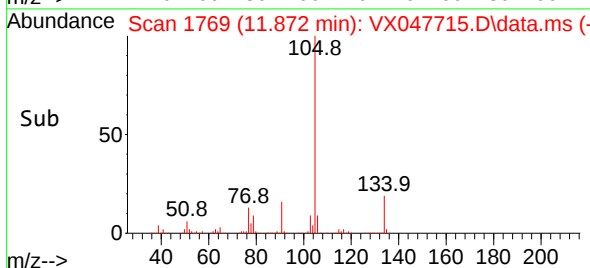
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

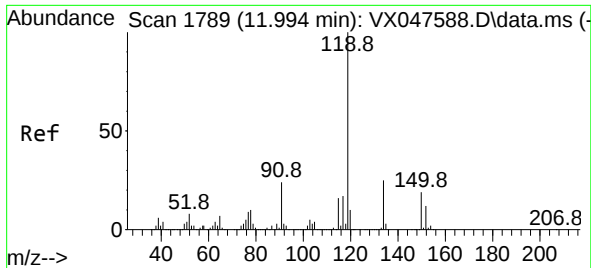


#85
sec-Butylbenzene
Concen: 51.437 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



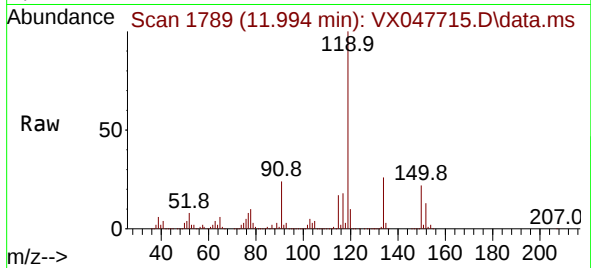
Tgt Ion:105 Resp: 455269
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.5





#86
p-Isopropyltoluene
Concen: 51.091 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

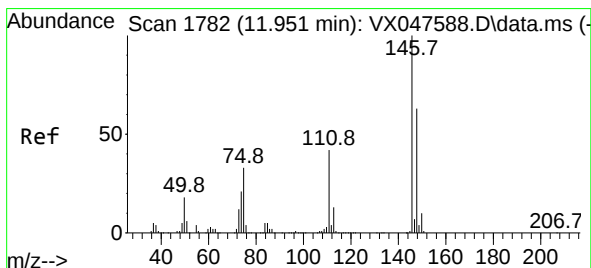
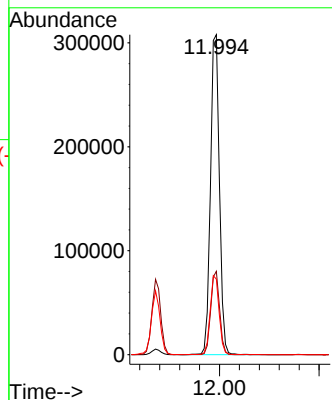
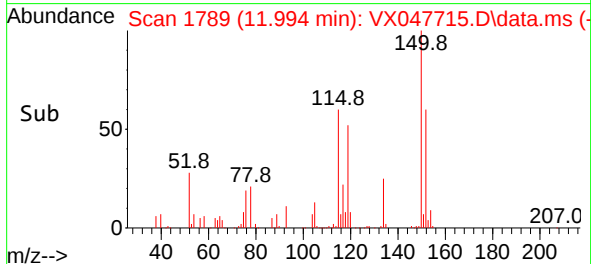
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



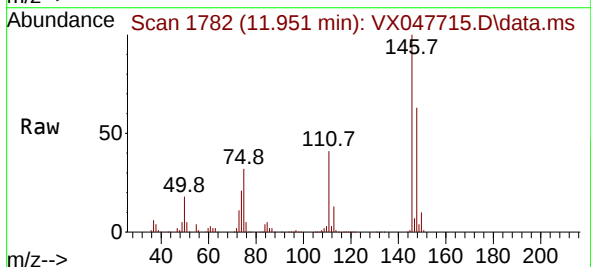
Tgt Ion:119 Resp: 382834
Ion Ratio Lower Upper
119 100
134 25.7 12.6 37.8
91 24.6 12.6 37.6

Manual Integrations
APPROVED

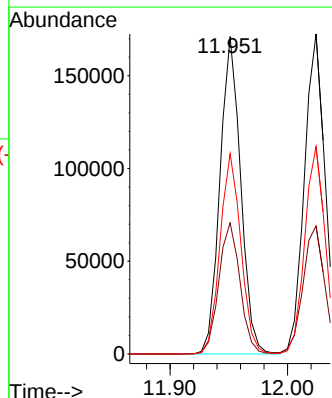
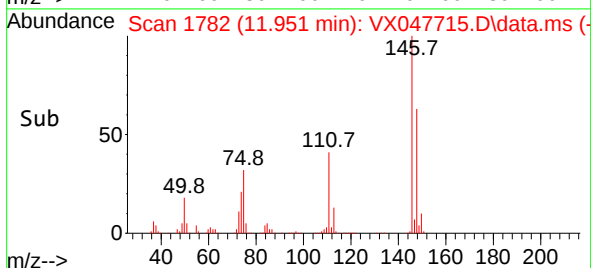
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

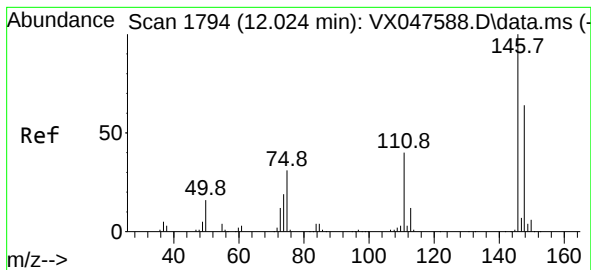


#87
1,3-Dichlorobenzene
Concen: 51.804 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



Tgt Ion:146 Resp: 209966
Ion Ratio Lower Upper
146 100
111 42.3 21.5 64.5
148 63.6 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 51.003 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MS

Tgt Ion:146 Resp: 21216

Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.4

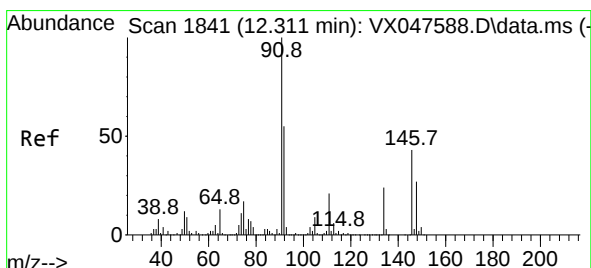
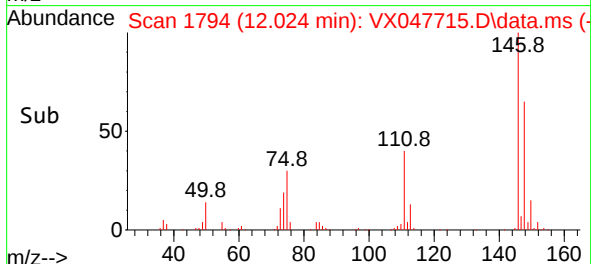
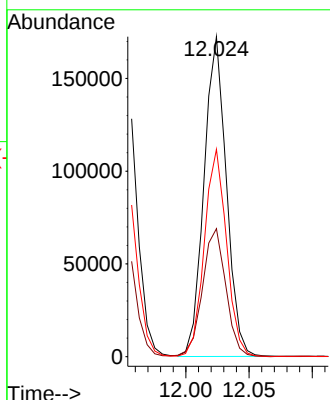
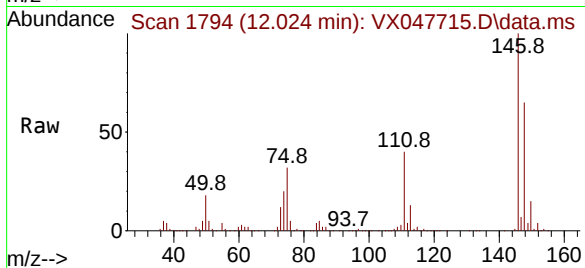
148 64.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#89

n-Butylbenzene

Concen: 50.321 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX047715.D

Acq: 22 Sep 2025 18:58

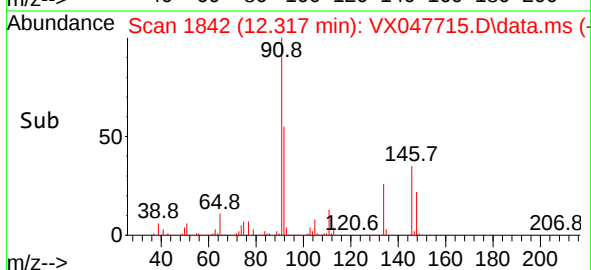
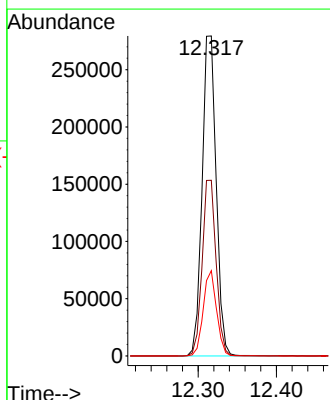
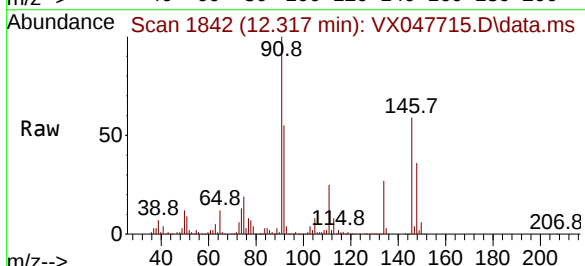
Tgt Ion: 91 Resp: 348901

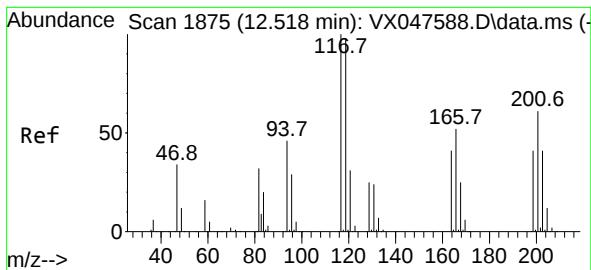
Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.7

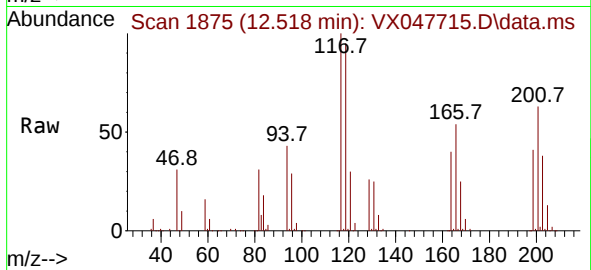
134 25.2 12.6 37.8





#90
Hexachloroethane
Concen: 50.993 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

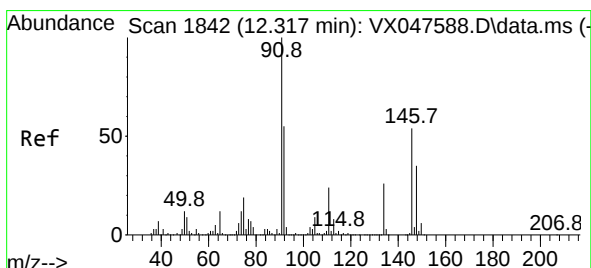
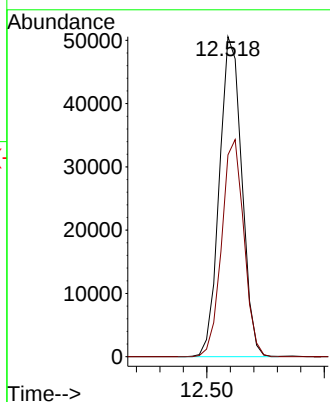
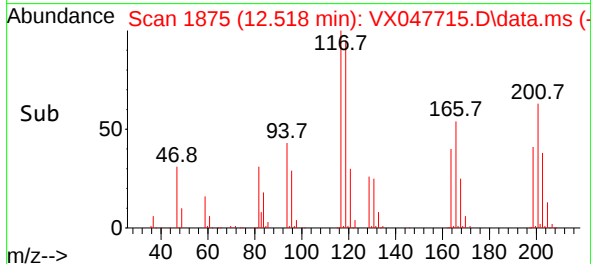
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



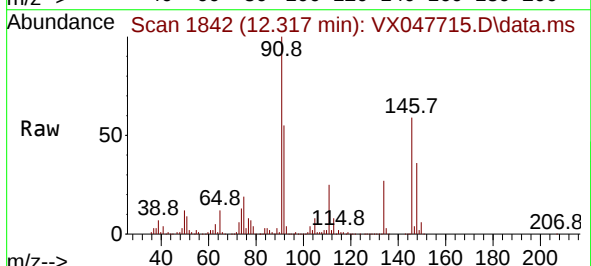
Tgt Ion:117 Resp: 67085
Ion Ratio Lower Upper
117 100
201 67.1 34.2 102.5

Manual Integrations
APPROVED

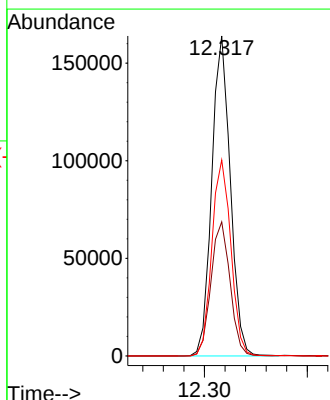
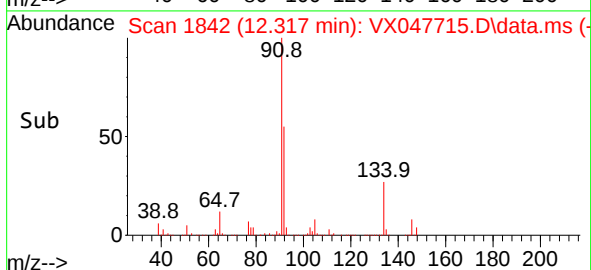
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

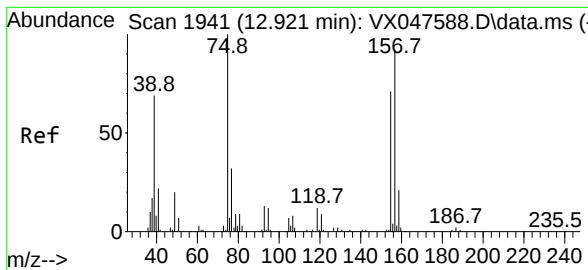


#91
1,2-Dichlorobenzene
Concen: 53.080 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58



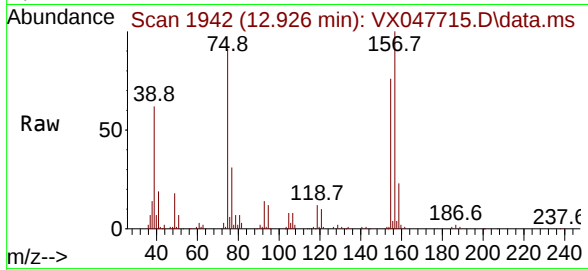
Tgt Ion:146 Resp: 204964
Ion Ratio Lower Upper
146 100
111 43.1 22.2 66.6
148 62.8 31.8 95.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 53.660 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

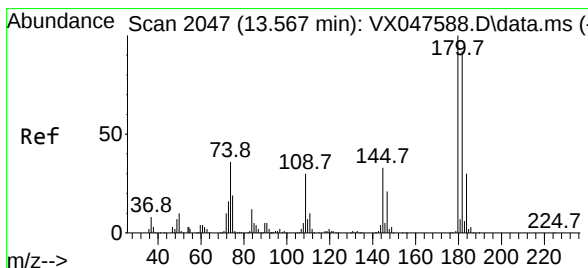
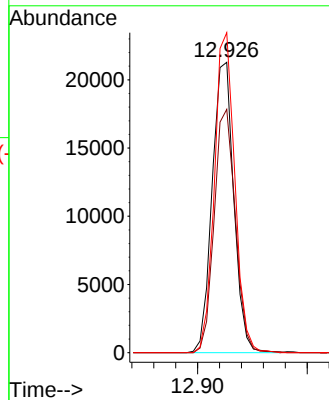
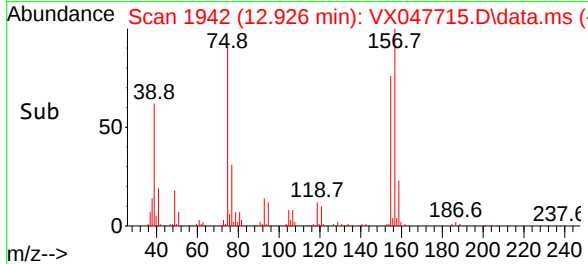
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS



Tgt Ion: 75 Resp: 2912
Ion Ratio Lower Upper
75 100
155 82.3 37.7 113.1
157 104.0 49.8 149.4

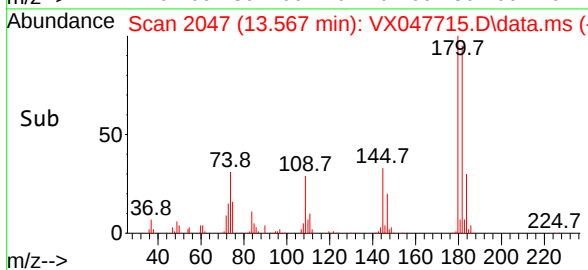
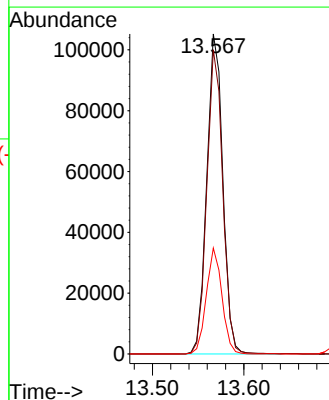
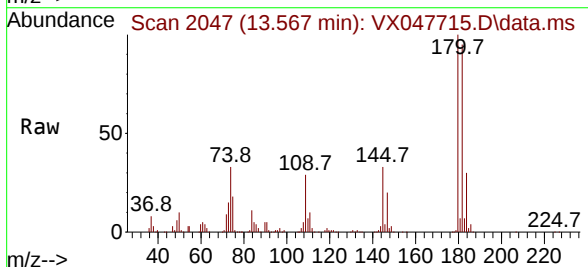
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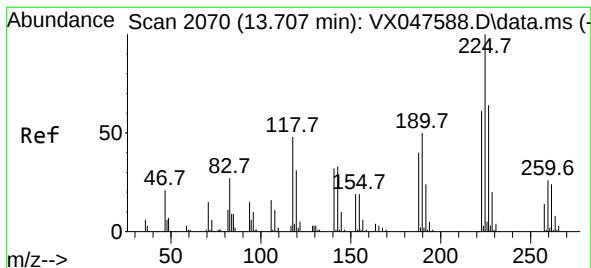
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#93
1,2,4-Trichlorobenzene
Concen: 50.982 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

Tgt Ion:180 Resp: 127943
Ion Ratio Lower Upper
180 100
182 94.2 46.6 139.8
145 32.2 16.4 49.1





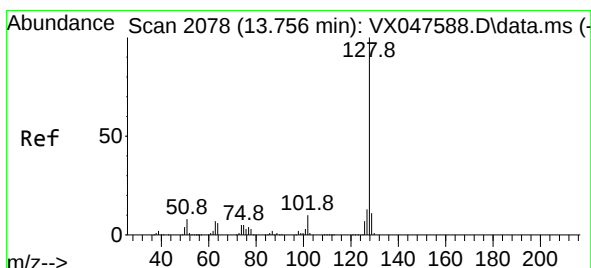
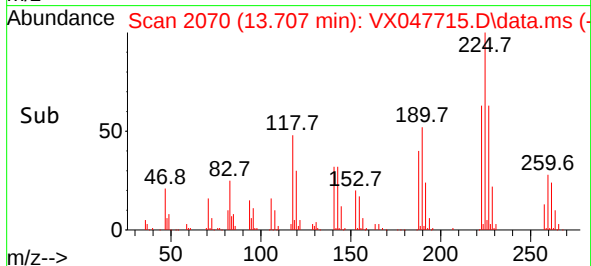
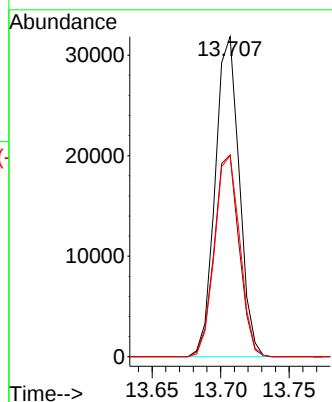
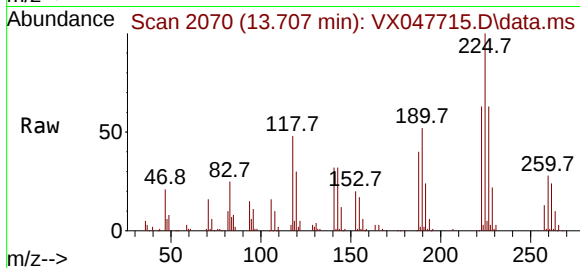
#94
Hexachlorobutadiene
Concen: 45.547 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MS

Tgt Ion:225 Resp: 38825
Ion Ratio Lower Upper
225 100
223 65.1 31.7 95.1
227 65.7 32.0 96.0

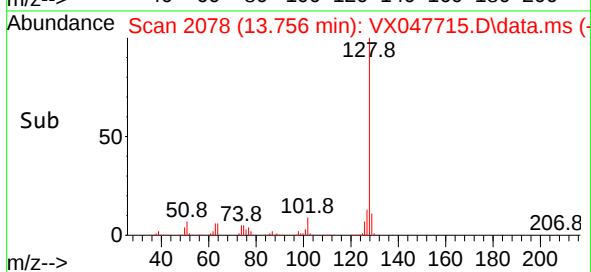
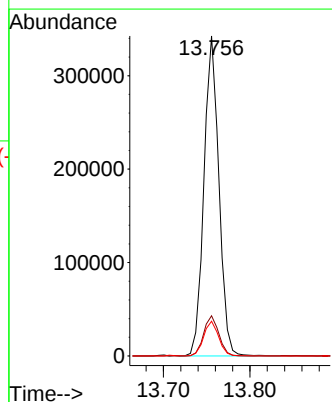
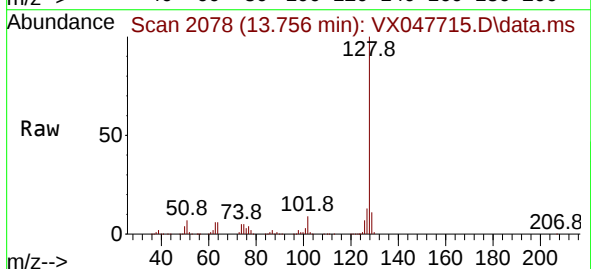
Manual Integrations
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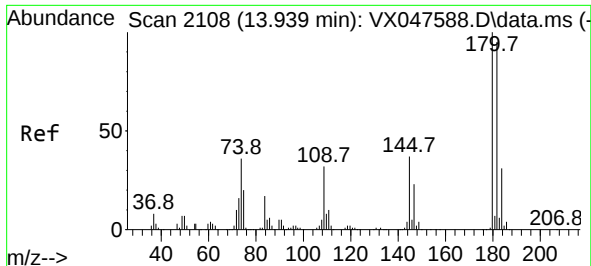
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#95
Naphthalene
Concen: 53.743 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047715.D
Acq: 22 Sep 2025 18:58

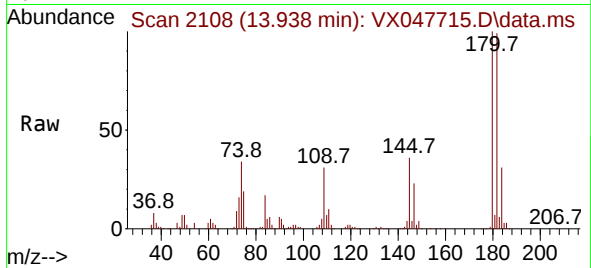
Tgt Ion:128 Resp: 410695
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 50.629 ug/l
 RT: 13.938 min Scan# 2108
 Delta R.T. -0.000 min
 Lab File: VX047715.D
 Acq: 22 Sep 2025 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20250911MS



Tgt Ion:180 Resp: 118190
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.6 142.8
 145 35.3 17.9 53.7

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

