

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047716.D
 Acq On : 22 Sep 2025 19:19
 Operator : JC/MD
 Sample : Q3097-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20250911MSD

Quant Time: Sep 23 01:42:46 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	5.538	168	151448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	285571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	256927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	134014	55.592	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.180%
35) Dibromofluoromethane	5.373	113	101518	53.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.020%
50) Toluene-d8	8.635	98	351935	53.107	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.220%
62) 4-Bromofluorobenzene	11.061	95	135304	53.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	87784	55.975	ug/l	96
3) Chloromethane	1.301	50	112252	54.461	ug/l	97
4) Vinyl Chloride	1.380	62	106654	52.861	ug/l	100
5) Bromomethane	1.618	94	70603	55.184	ug/l	99
6) Chloroethane	1.697	64	69739	51.716	ug/l	100
7) Trichlorofluoromethane	1.898	101	148942	49.718	ug/l	99
8) Diethyl Ether	2.136	74	63556	51.863	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	88962	50.786	ug/l	99
10) Methyl Iodide	2.459	142	139082	50.909	ug/l	100
11) Tert butyl alcohol	2.947	59	70300	261.840	ug/l	98
12) 1,1-Dichloroethene	2.325	96	91530	50.868	ug/l	96
13) Acrolein	2.239	56	71244	287.956	ug/l	98
14) Allyl chloride	2.666	41	180017	48.482	ug/l	98
15) Acrylonitrile	3.056	53	279714	281.266	ug/l	98
16) Acetone	2.373	43	219579	209.489	ug/l	100
17) Carbon Disulfide	2.520	76	259123	52.604	ug/l	98
18) Methyl Acetate	2.703	43	119477	51.219	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	340150	51.785	ug/l	99
20) Methylene Chloride	2.788	84	114006	51.384	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	100087	51.665	ug/l	97
22) Diisopropyl ether	3.751	45	370654	51.509	ug/l	# 84
23) Vinyl Acetate	3.715	43	1452069	252.128	ug/l	100
24) 1,1-Dichloroethane	3.605	63	195788	51.190	ug/l	99
25) 2-Butanone	4.544	43	338514	258.910	ug/l	98
26) 2,2-Dichloropropane	4.471	77	131738	41.436	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	123362	51.997	ug/l	97
28) Bromochloromethane	4.885	49	88172	52.806	ug/l	100
29) Tetrahydrofuran	4.989	42	214581	272.818	ug/l	99
30) Chloroform	5.086	83	200434	51.859	ug/l	99
31) Cyclohexane	5.464	56	150653	47.293	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	165340	50.434	ug/l	99
36) 1,1-Dichloropropene	5.684	75	128843	46.039	ug/l	98
37) Ethyl Acetate	4.702	43	139040	46.402	ug/l	100
38) Carbon Tetrachloride	5.666	117	138495	45.547	ug/l	99
39) Methylcyclohexane	7.367	83	140889	44.350	ug/l	98
40) Benzene	6.025	78	418727	49.262	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	81912	52.951	ug/l	97
42) 1,2-Dichloroethane	6.074	62	154372	47.733	ug/l	99
43) Isopropyl Acetate	6.324	43	238509	48.533	ug/l	99
44) Trichloroethene	7.110	130	649824	316.221	ug/l	97
45) 1,2-Dichloropropane	7.415	63	106503	48.933	ug/l	98
46) Dibromomethane	7.568	93	76554	48.334	ug/l	95
47) Bromodichloromethane	7.805	83	158068	48.363	ug/l	98
48) Methyl methacrylate	7.677	41	120316	49.151	ug/l	97
49) 1,4-Dioxane	7.647	88	31574	1276.303	ug/l	99
51) 4-Methyl-2-Pentanone	8.561	43	713498	261.859	ug/l	100
52) Toluene	8.708	92	252290	48.176	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	160090	48.021	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	170516	47.854	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	102255	50.639	ug/l	97
56) Ethyl methacrylate	9.104	69	162921	51.375	ug/l	98
57) 1,3-Dichloropropane	9.293	76	177427	51.150	ug/l	99
59) 2-Hexanone	9.415	43	496279	253.602	ug/l	99
60) Dibromochloromethane	9.506	129	118126	50.771	ug/l	99
61) 1,2-Dibromoethane	9.592	107	108183	52.599	ug/l	100
64) Tetrachloroethene	9.262	164	78549	46.898	ug/l	95
65) Chlorobenzene	10.061	112	284028	48.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	97079	48.198	ug/l	98
67) Ethyl Benzene	10.177	91	484782	48.136	ug/l	99
68) m/p-Xylenes	10.287	106	364701	97.291	ug/l	98
69) o-Xylene	10.628	106	175962	48.532	ug/l	100
70) Styrene	10.640	104	311170	48.980	ug/l	98
71) Bromoform	10.787	173	75628	50.286	ug/l	98
73) Isopropylbenzene	10.945	105	440376	46.230	ug/l	99
74) N-amyl acetate	10.829	43	201619	46.415	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	144289	50.065	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	129503m	51.049	ug/l	
77) Bromobenzene	11.183	156	111648	47.588	ug/l	99
78) n-propylbenzene	11.287	91	516715	45.887	ug/l	99
79) 2-Chlorotoluene	11.347	91	322164	46.712	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	367456	46.952	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	45752	45.992	ug/l	98
82) 4-Chlorotoluene	11.439	91	380416	46.702	ug/l	98
83) tert-Butylbenzene	11.695	119	372073	46.442	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	371720	46.849	ug/l	100
85) sec-Butylbenzene	11.872	105	434981	45.710	ug/l	100
86) p-Isopropyltoluene	11.994	119	365960	45.425	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	203823	46.773	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	209139	46.761	ug/l	99
89) n-Butylbenzene	12.317	91	336544	45.146	ug/l	98
90) Hexachloroethane	12.518	117	64746	45.775	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	198212	47.743	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	28891	49.514	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	124512	46.147	ug/l	99
94) Hexachlorobutadiene	13.707	225	38572	42.087	ug/l	97
95) Naphthalene	13.756	128	406725	49.503	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	116912	46.580	ug/l	98

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QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

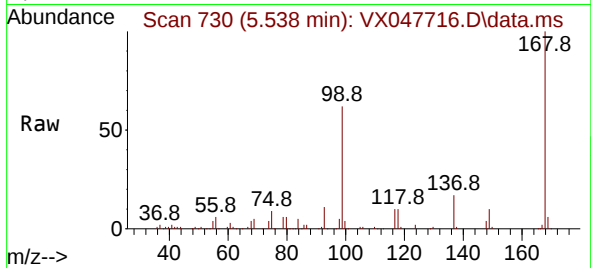
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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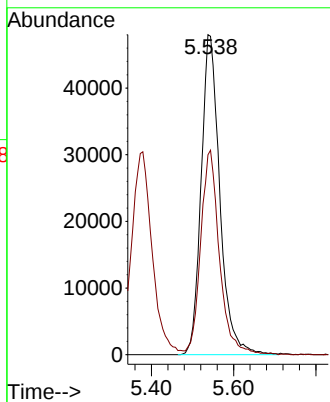
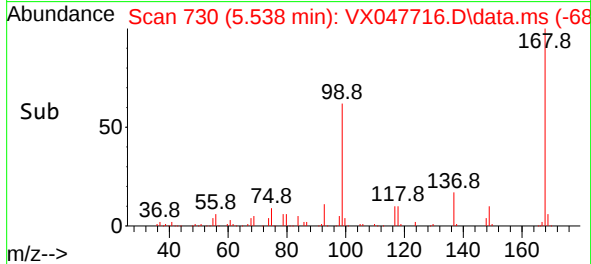
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion:168 Resp: 15144
Ion Ratio Lower Upper
168 100
99 62.5 48.8 73.2

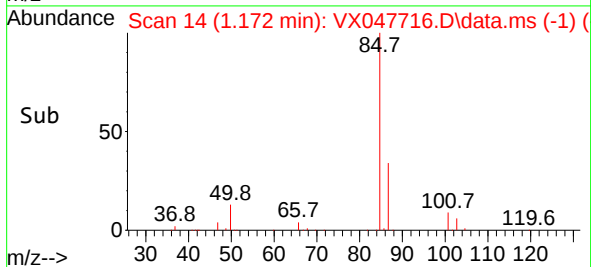
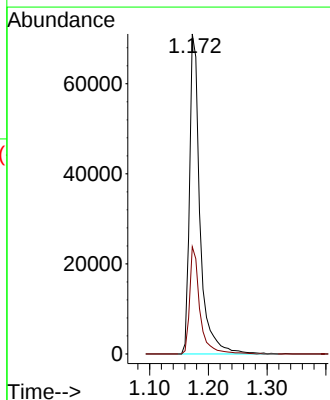
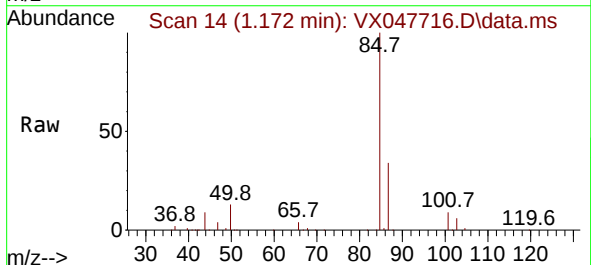
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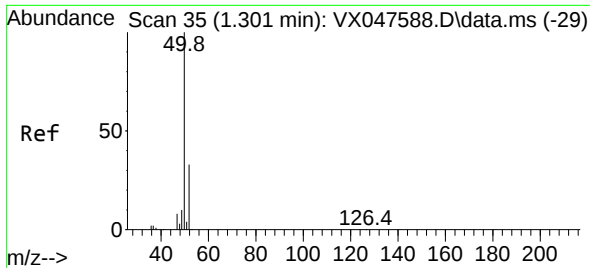
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#2
Dichlorodifluoromethane
Concen: 55.975 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

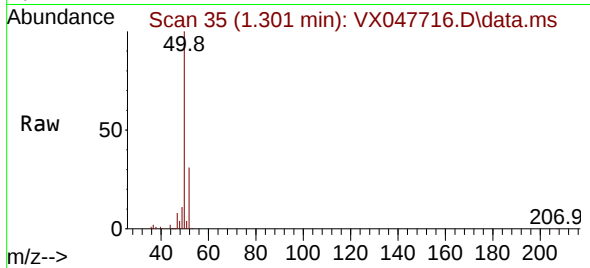
Tgt Ion: 85 Resp: 87784
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.3





#3
Chloromethane
Concen: 54.461 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

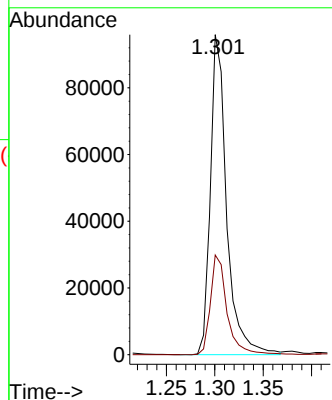
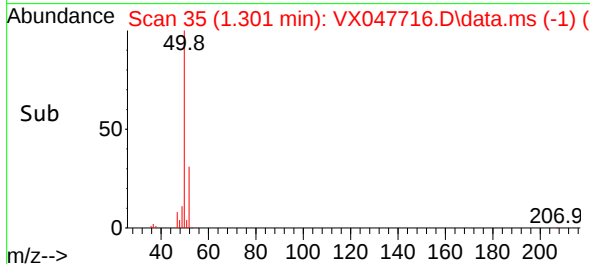
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 50 Resp: 112252
Ion Ratio Lower Upper
50 100
52 31.2 26.1 39.1

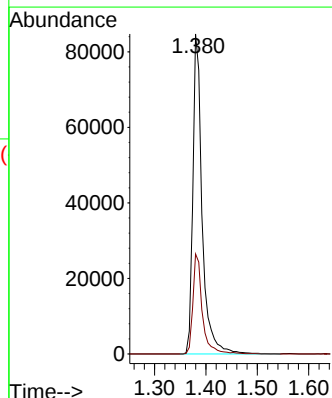
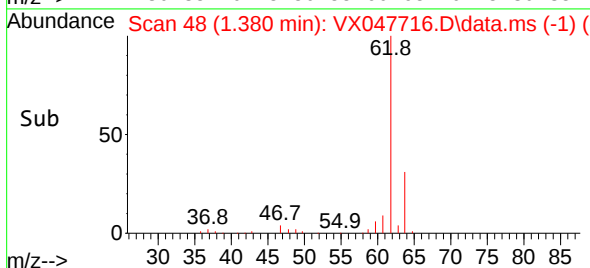
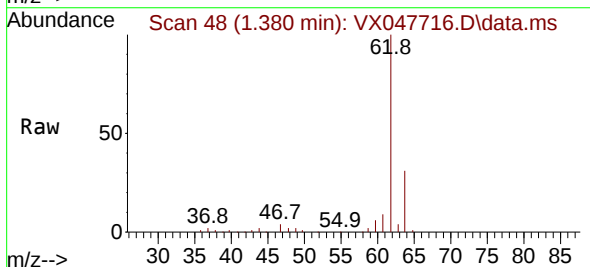
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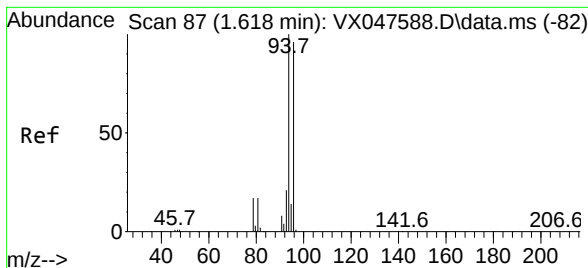
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#4
Vinyl Chloride
Concen: 52.861 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

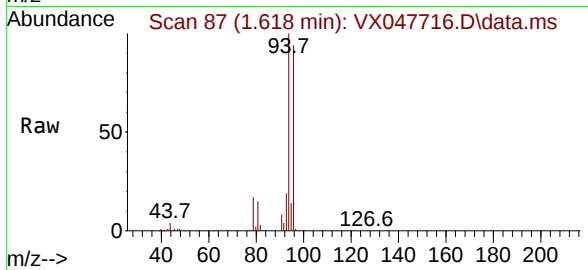
Tgt Ion: 62 Resp: 106654
Ion Ratio Lower Upper
62 100
64 31.2 24.9 37.3





#5
Bromomethane
Concen: 55.184 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

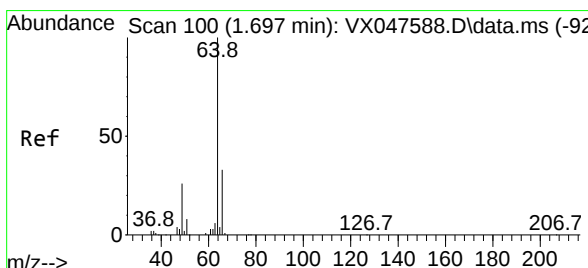
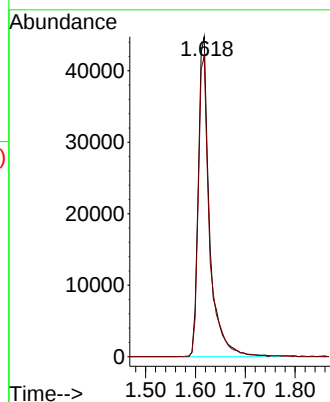
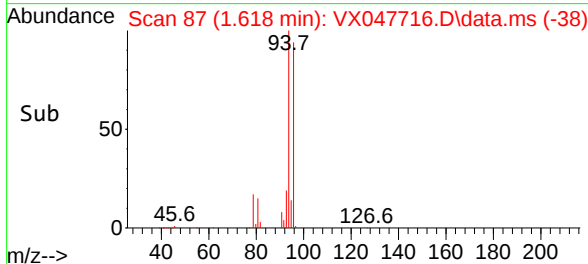
Instrument :
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Tgt Ion: 94 Resp: 7060
Ion Ratio Lower Upper
94 100
96 94.8 76.6 115.0

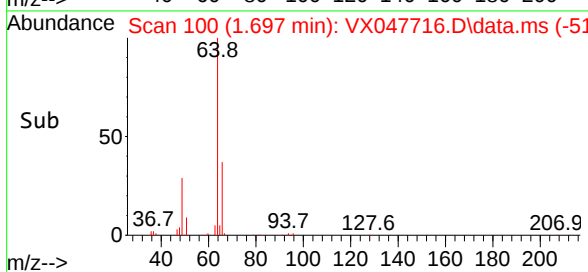
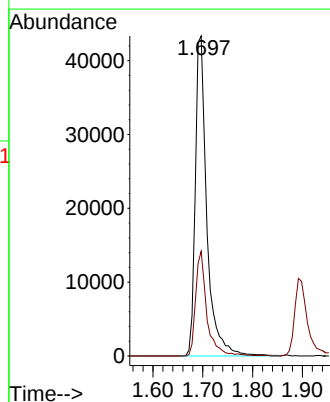
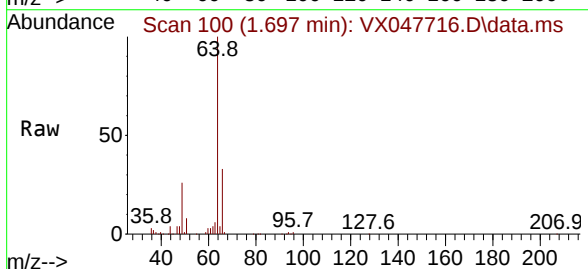
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#6
Chloroethane
Concen: 51.716 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047716.D
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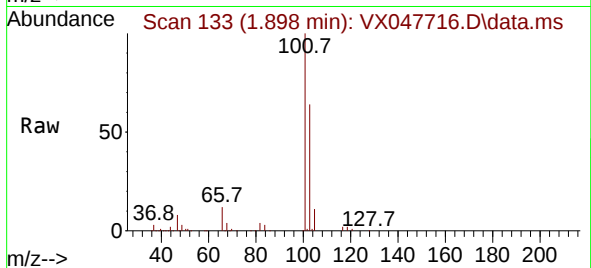
Tgt Ion: 64 Resp: 69739
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1





#7
Trichlorofluoromethane
Concen: 49.718 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

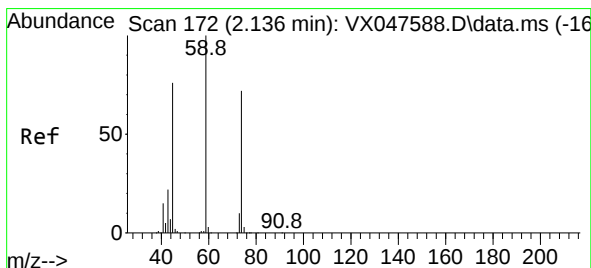
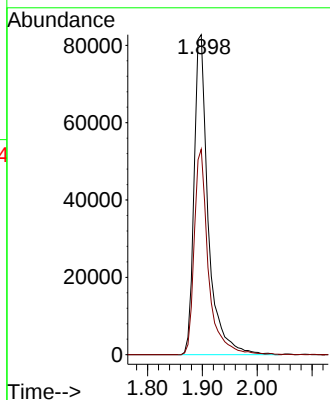
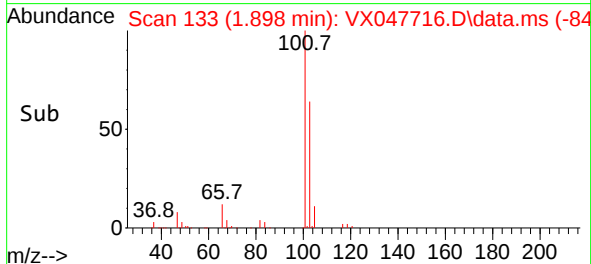
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 14894
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

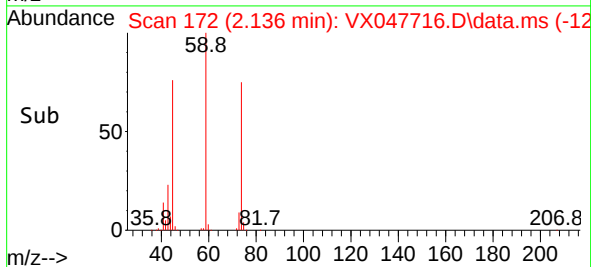
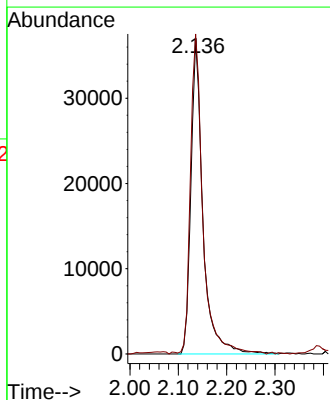
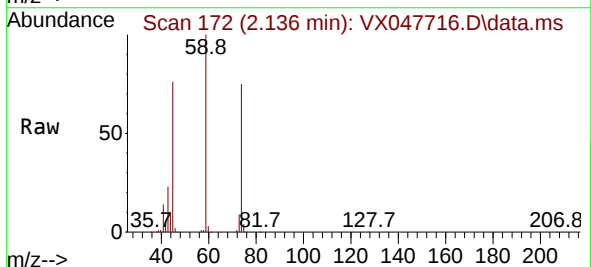
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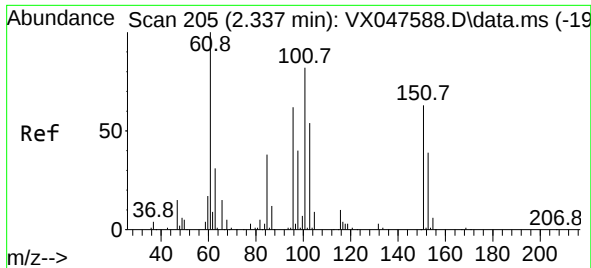
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#8
Diethyl Ether
Concen: 51.863 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

Tgt Ion: 74 Resp: 63556
Ion Ratio Lower Upper
74 100
45 105.8 52.3 156.8





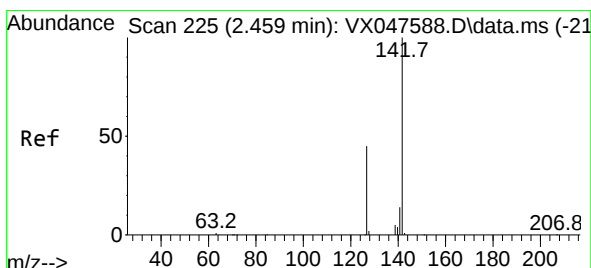
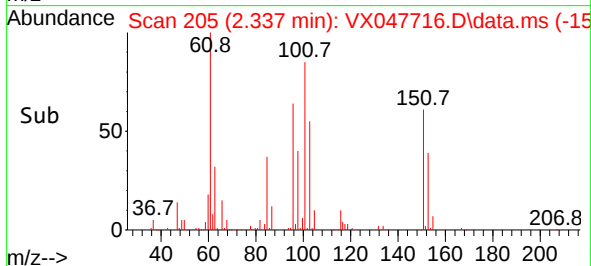
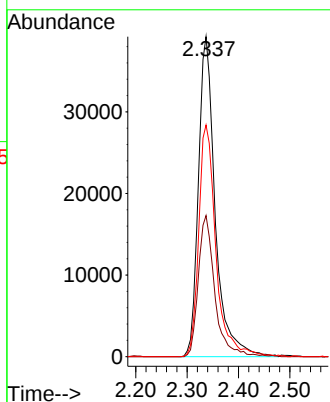
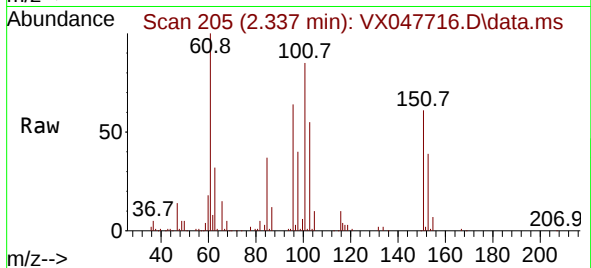
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1,1,2-Trichlorotrifluoroethane
Concen: 50.786 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047716.D
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Instrument :
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Tgt Ion:101 Resp: 88962
Ion Ratio Lower Upper
101 100
85 43.6 35.5 53.3
151 74.3 59.4 89.0

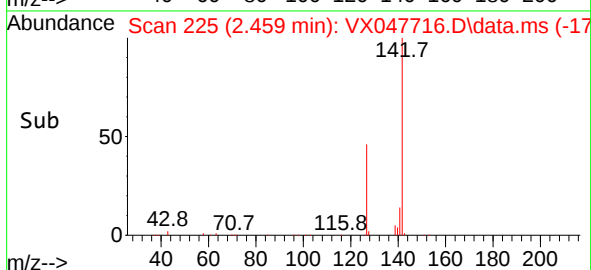
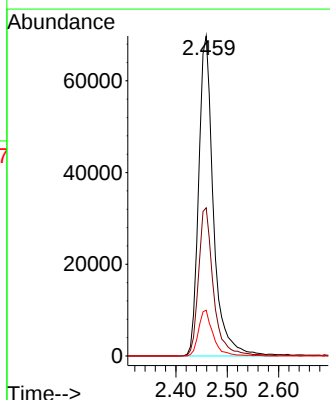
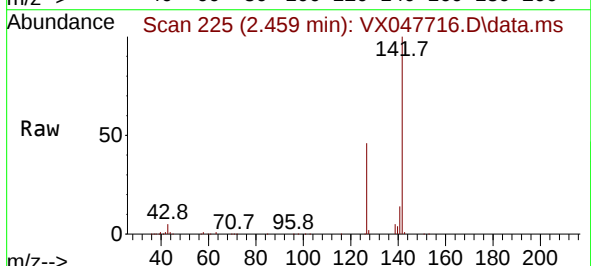
Manual Integrations
APPROVED

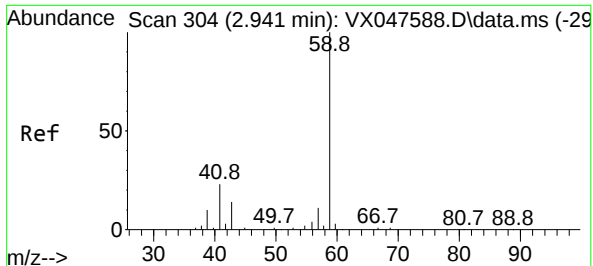
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#10
Methyl Iodide
Concen: 50.909 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

Tgt Ion:142 Resp: 139082
Ion Ratio Lower Upper
142 100
127 46.9 37.2 55.8
141 14.1 11.4 17.0





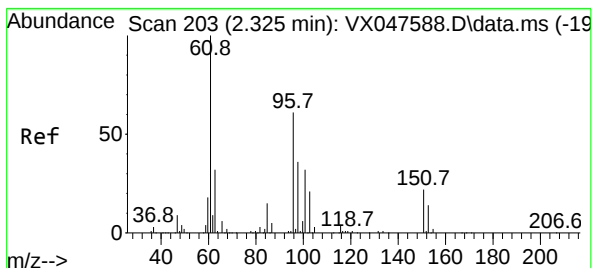
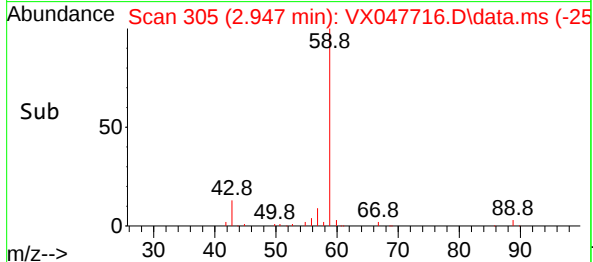
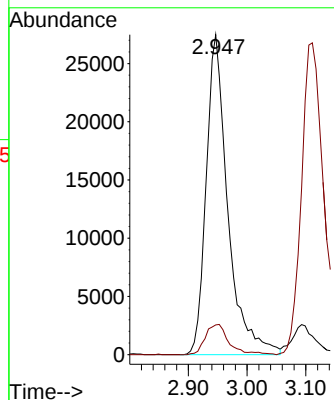
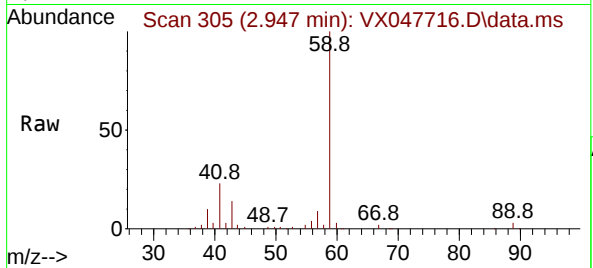
#11
Tert butyl alcohol
Concen: 261.840 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion: 59 Resp: 70300
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

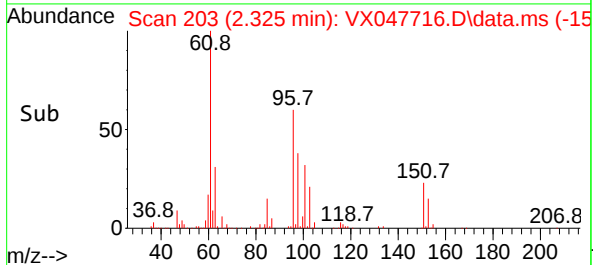
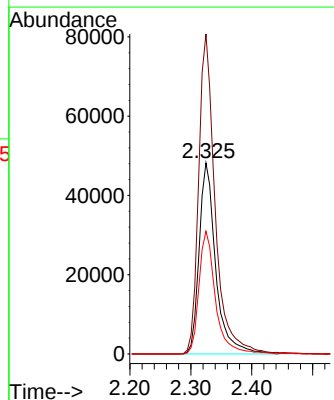
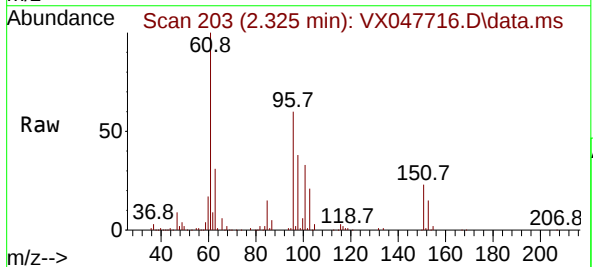
Manual Integrations
APPROVED

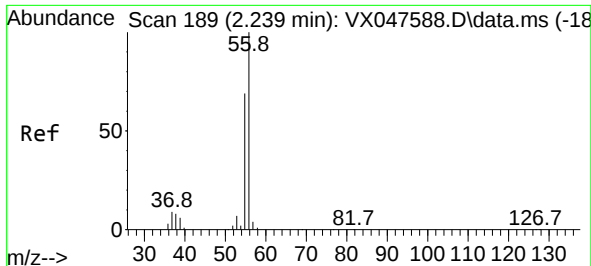
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#12
1,1-Dichloroethene
Concen: 50.868 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

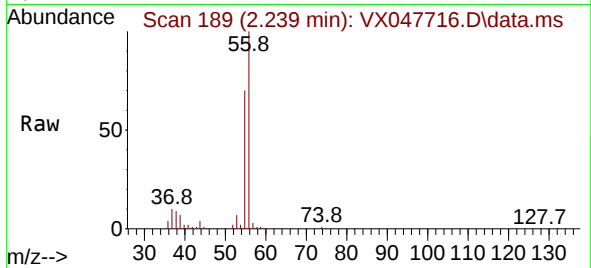
Tgt Ion: 96 Resp: 91530
Ion Ratio Lower Upper
96 100
61 167.4 131.0 196.6
98 64.2 47.7 71.5





#13
Acrolein
Concen: 287.956 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

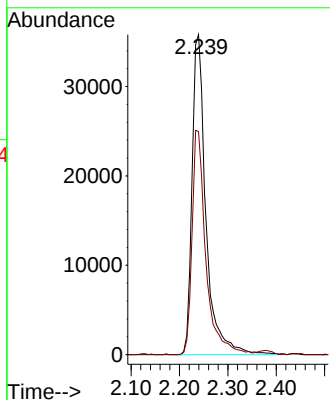
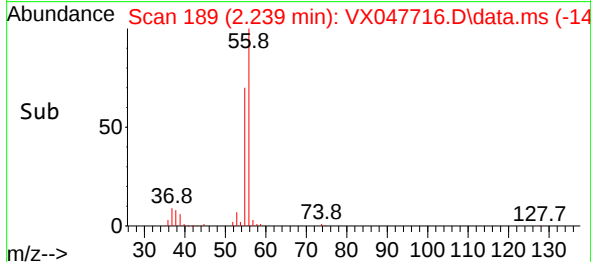
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 56 Resp: 71244
Ion Ratio Lower Upper
56 100
55 70.0 57.2 85.8

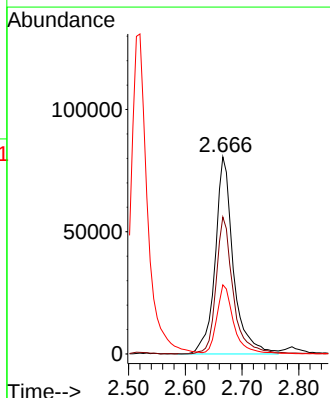
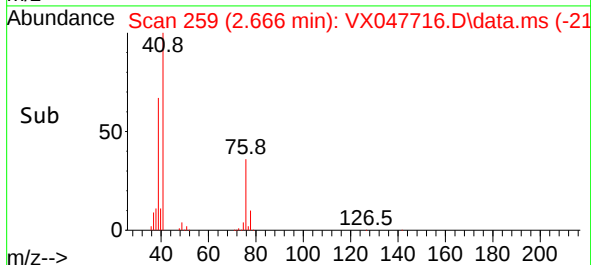
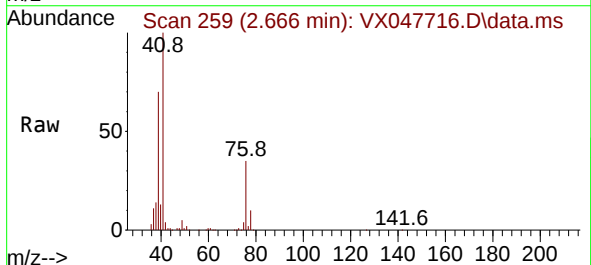
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 48.482 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

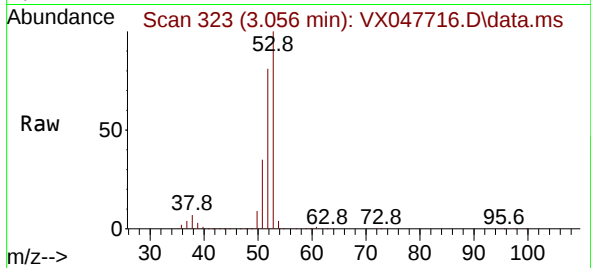
Tgt Ion: 41 Resp: 180017
Ion Ratio Lower Upper
41 100
39 65.8 54.7 82.1
76 32.4 25.7 38.5





#15
Acrylonitrile
Concen: 281.266 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

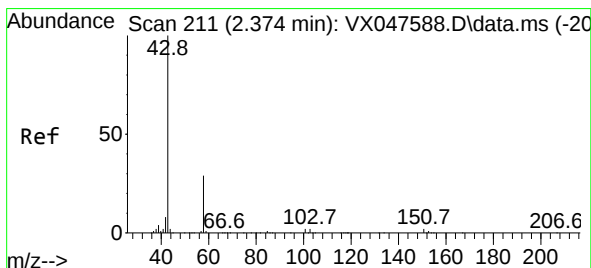
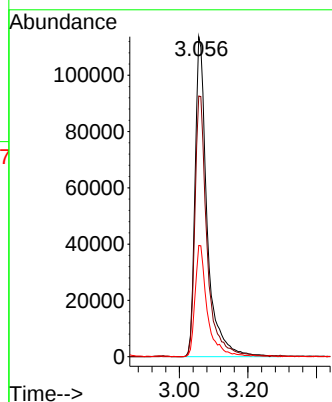
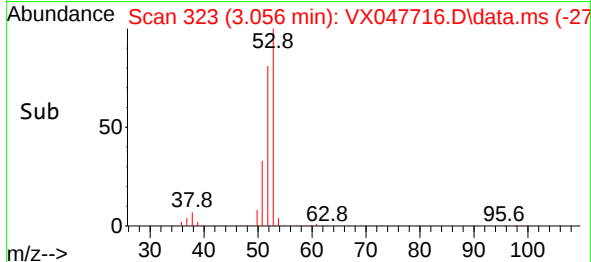
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 53 Resp: 279714
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 35.3 29.5 44.3

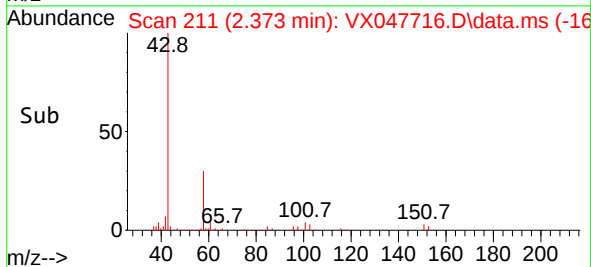
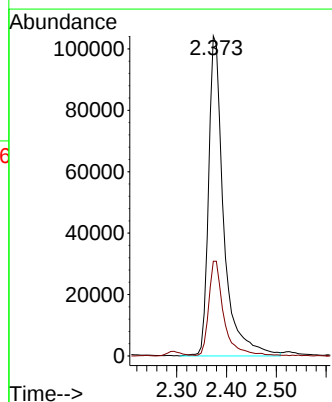
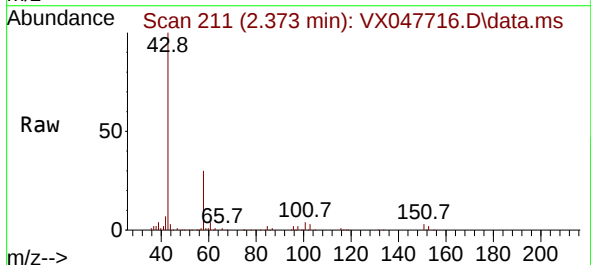
Manual Integrations
APPROVED

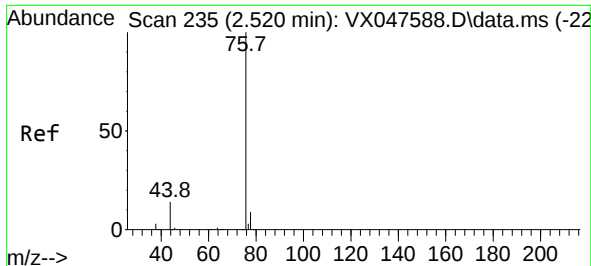
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#16
Acetone
Concen: 209.489 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

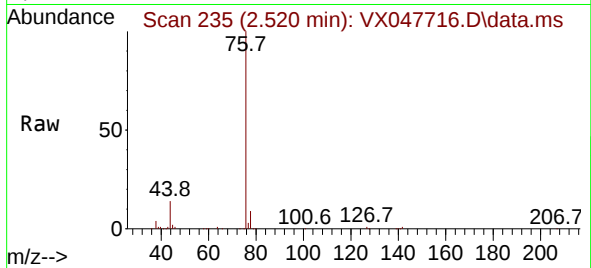
Tgt Ion: 43 Resp: 219579
Ion Ratio Lower Upper
43 100
58 29.4 23.4 35.0





#17
Carbon Disulfide
Concen: 52.604 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

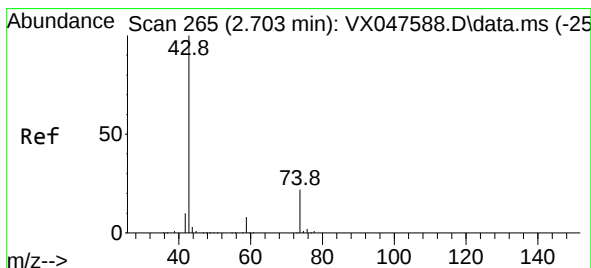
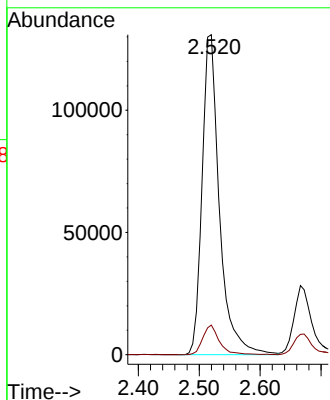
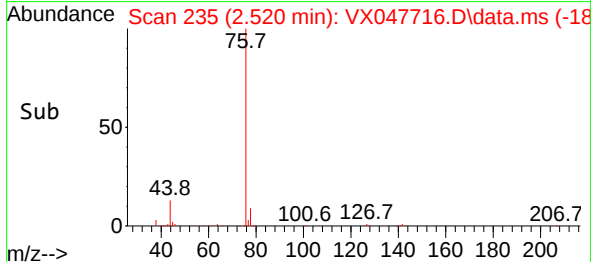
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



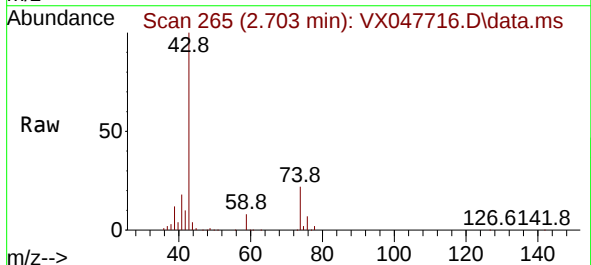
Tgt Ion: 76 Resp: 25912
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

Manual Integrations
APPROVED

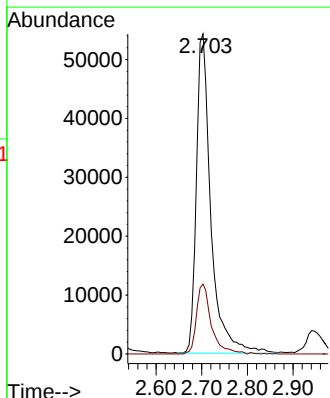
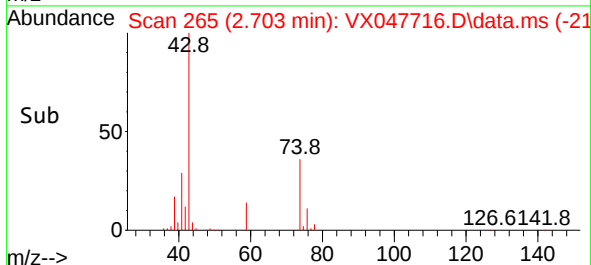
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

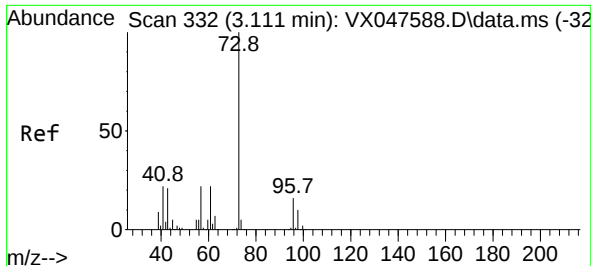


#18
Methyl Acetate
Concen: 51.219 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



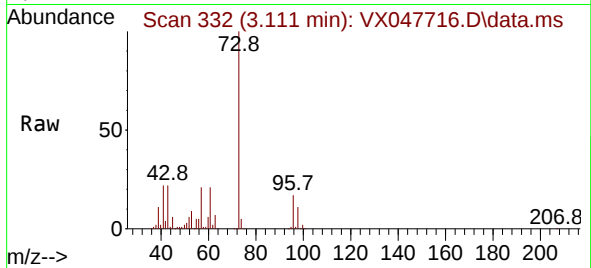
Tgt Ion: 43 Resp: 119477
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 51.785 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

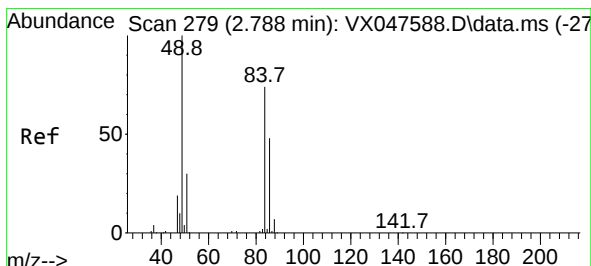
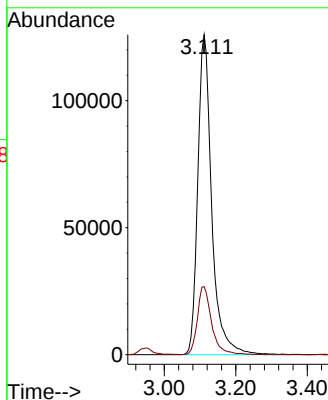
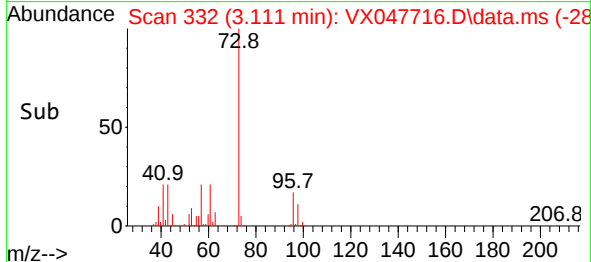
Instrument : MSVOA_X
ClientSampleId : RE103D2-20250911MSD



Tgt Ion: 73 Resp: 340150
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2

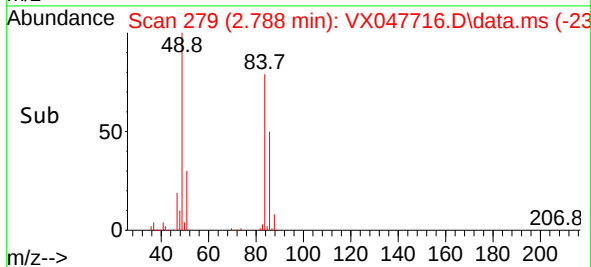
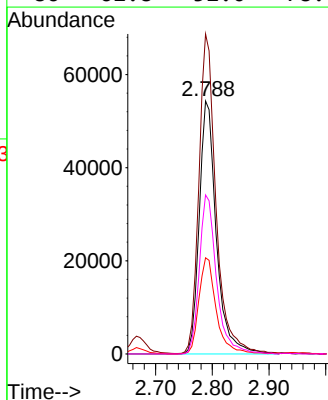
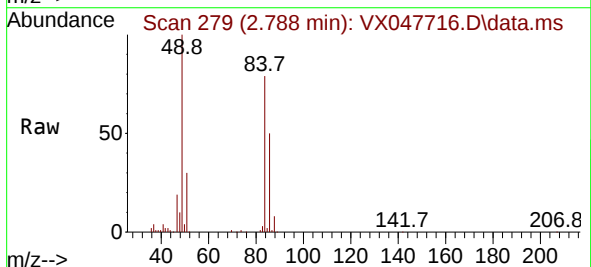
Manual Integrations
APPROVED

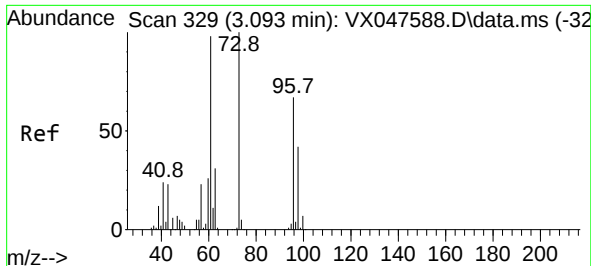
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#20
Methylene Chloride
Concen: 51.384 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

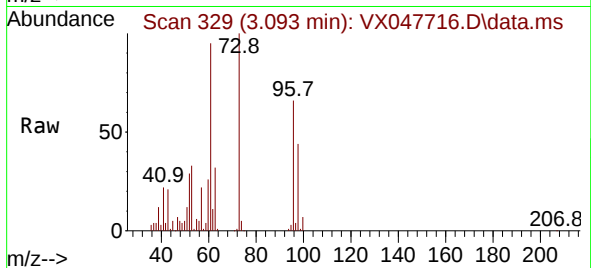
Tgt Ion: 84 Resp: 114006
Ion Ratio Lower Upper
84 100
49 126.3 108.6 162.8
51 38.0 32.6 48.8
86 62.8 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 51.665 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

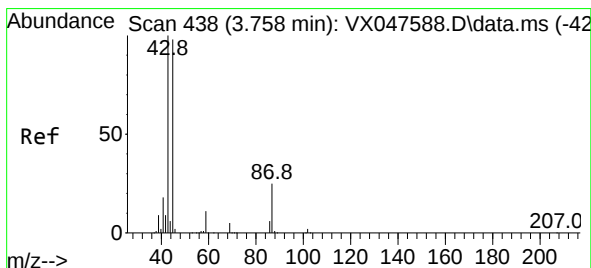
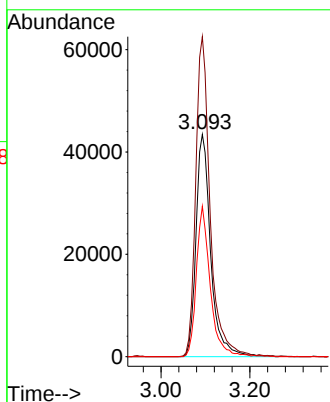
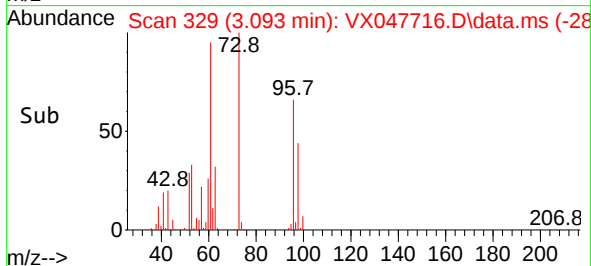
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 96 Resp: 10008
Ion Ratio Lower Upper
96 100
61 144.0 116.2 174.2
98 67.7 49.3 73.9

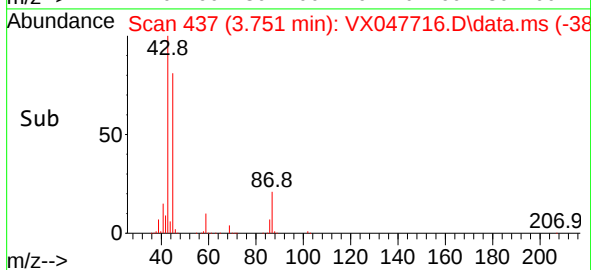
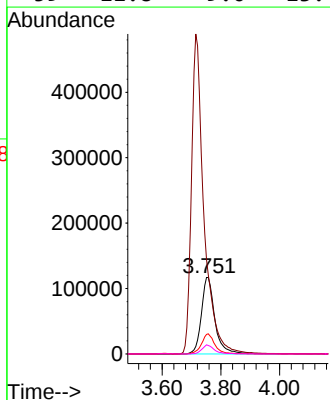
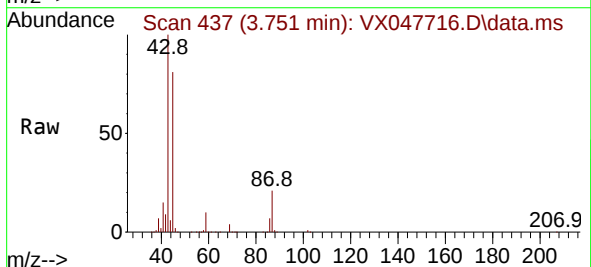
Manual Integrations
APPROVED

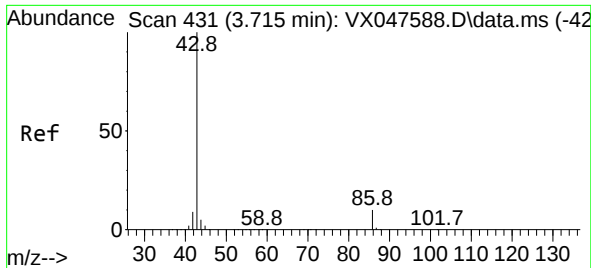
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#22
Diisopropyl ether
Concen: 51.509 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

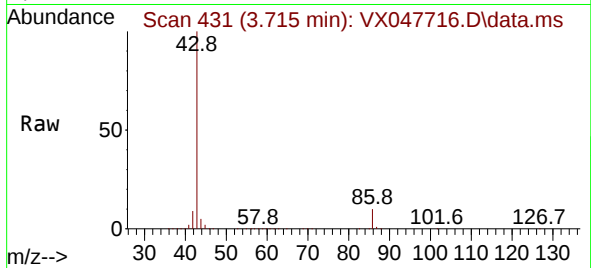
Tgt Ion: 45 Resp: 370654
Ion Ratio Lower Upper
45 100
43 123.3 81.0 121.4#
87 25.6 20.3 30.5
59 11.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 252.128 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047716.D
 Acq: 22 Sep 2025 19:19

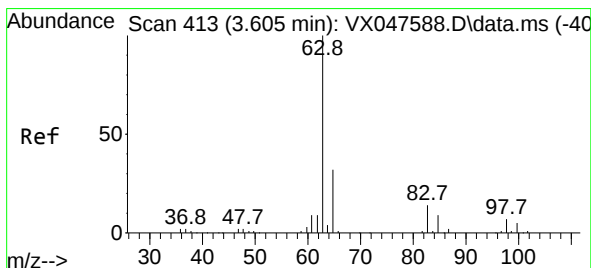
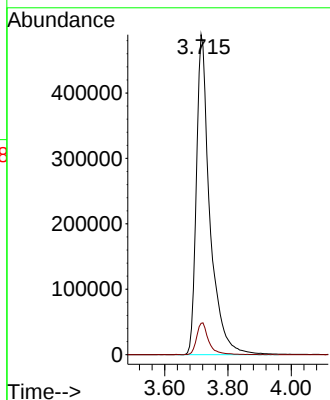
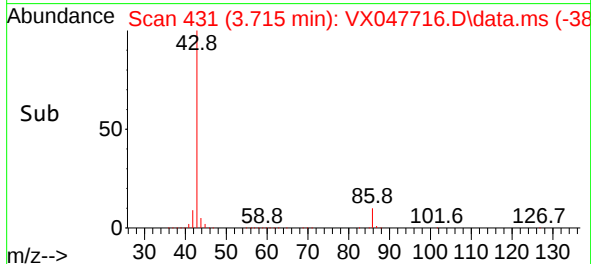
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20250911MSD



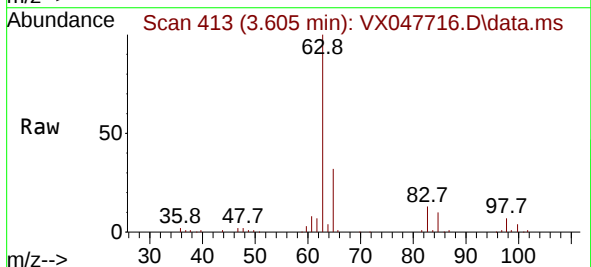
Tgt Ion: 43 Resp: 1452069
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
 APPROVED

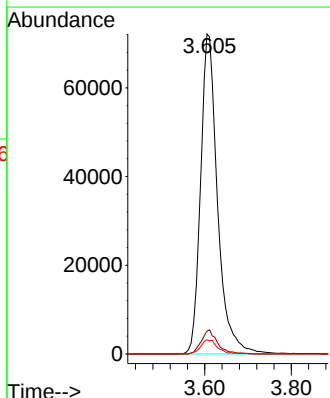
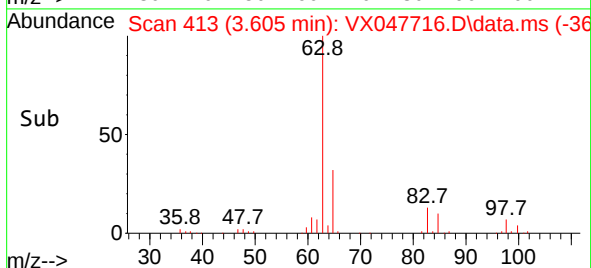
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

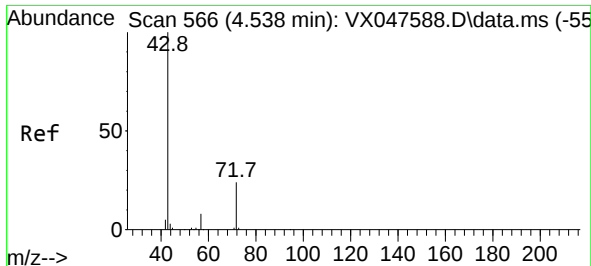


#24
 1,1-Dichloroethane
 Concen: 51.190 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047716.D
 Acq: 22 Sep 2025 19:19



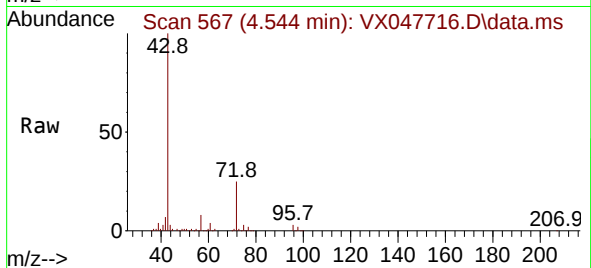
Tgt Ion: 63 Resp: 195788
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.2
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 258.910 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

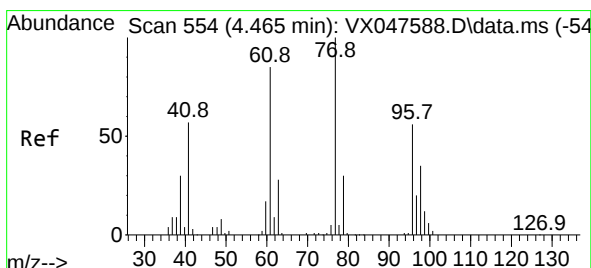
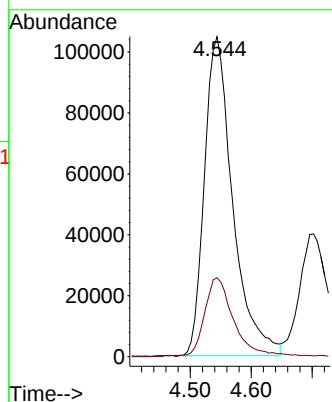
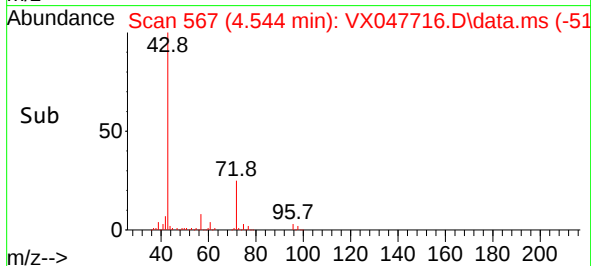
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 43 Resp: 338514
Ion Ratio Lower Upper
43 100
72 24.3 20.1 30.1

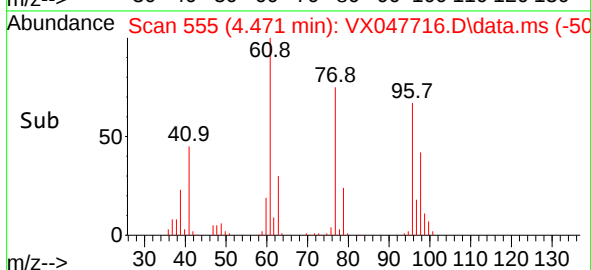
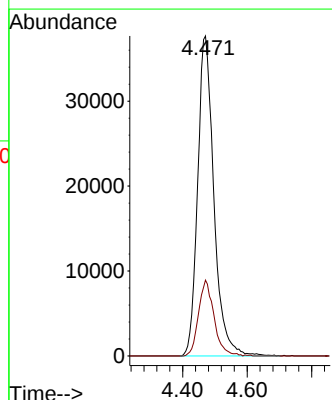
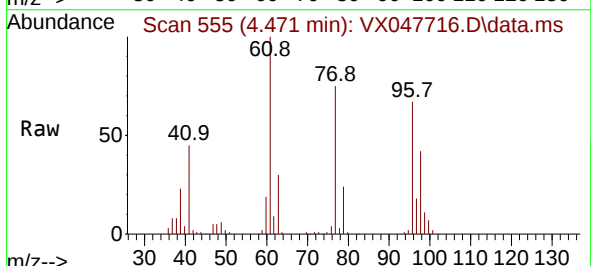
Manual Integrations
APPROVED

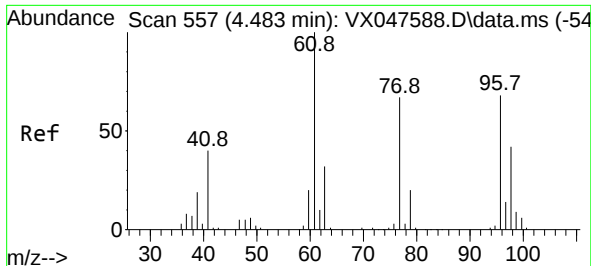
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#26
2,2-Dichloropropane
Concen: 41.436 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

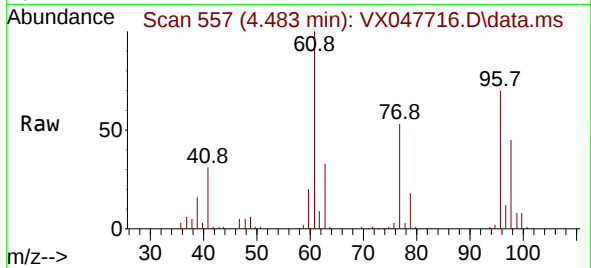
Tgt Ion: 77 Resp: 131738
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 51.997 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX047716.D
 Acq: 22 Sep 2025 19:19

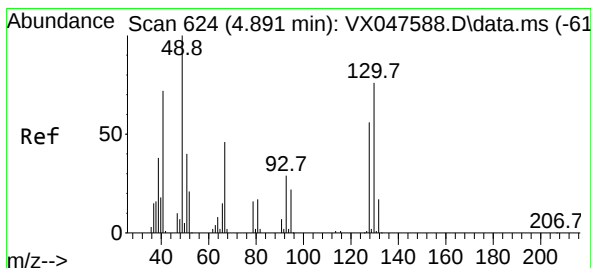
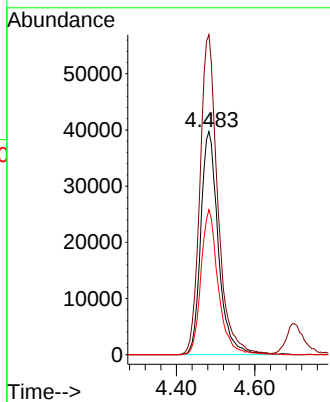
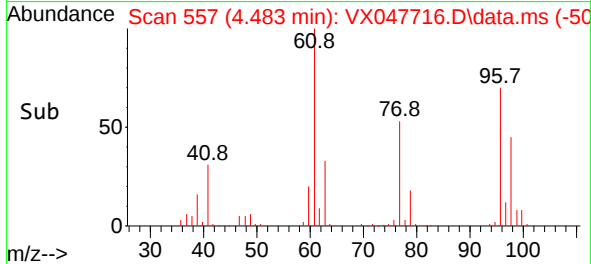
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20250911MSD



Tgt Ion: 96 Resp: 123362
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 303.2
 98 64.0 0.0 127.8

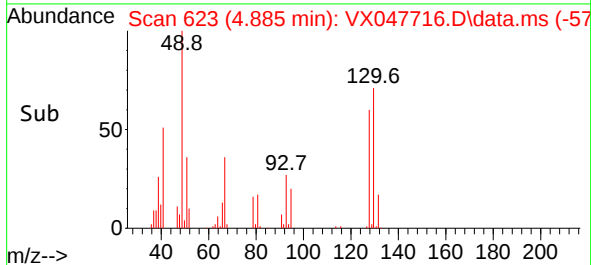
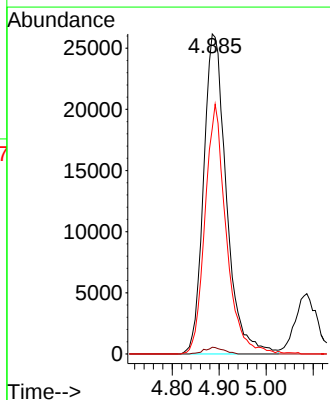
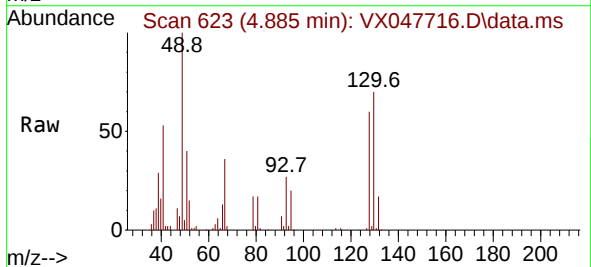
Manual Integrations
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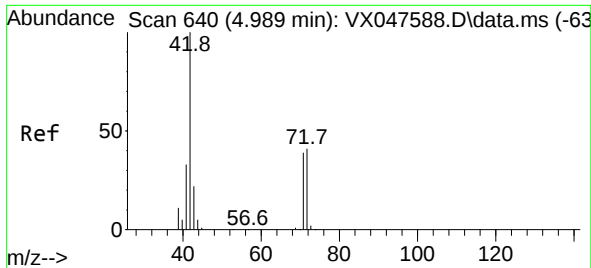
Reviewed By :John Carlone 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#28
 Bromochloromethane
 Concen: 52.806 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.006 min
 Lab File: VX047716.D
 Acq: 22 Sep 2025 19:19

Tgt Ion: 49 Resp: 88172
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.2
 130 72.7 57.8 86.8





#29

Tetrahydrofuran

Concen: 272.818 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX047716.D

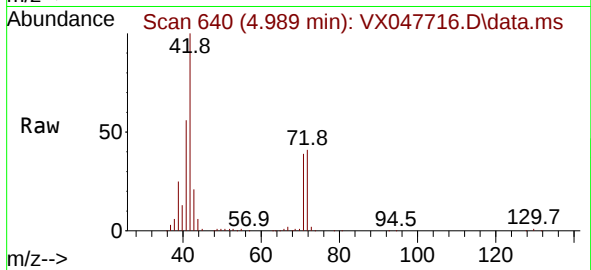
Acq: 22 Sep 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MSD



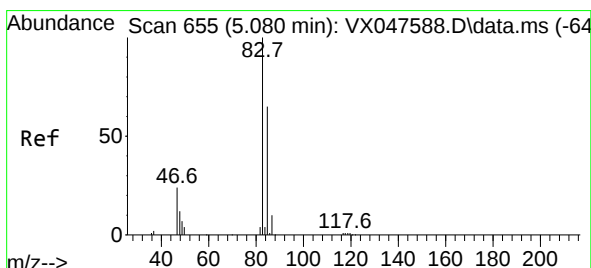
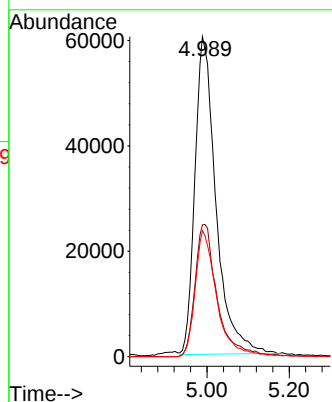
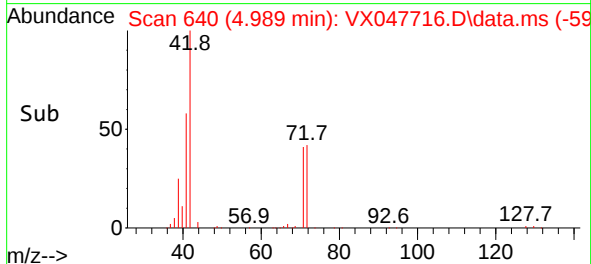
Tgt Ion:	42	Resp:	21458
Ion Ratio	Lower	Upper	
42	100		
72	43.7	34.2	51.2
71	40.6	31.9	47.9

Manual Integrations

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Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#30

Chloroform

Concen: 51.859 ug/l

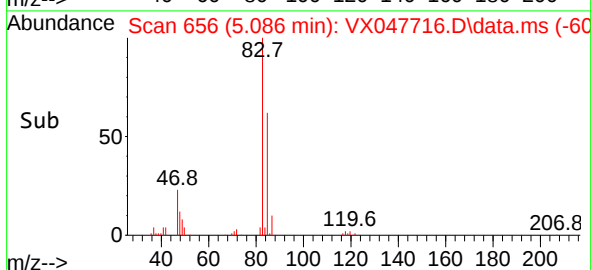
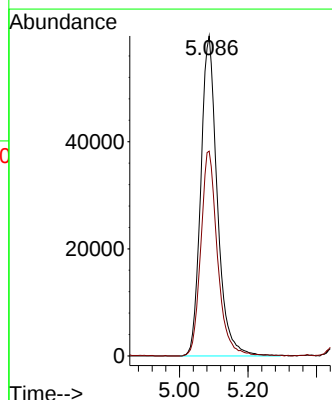
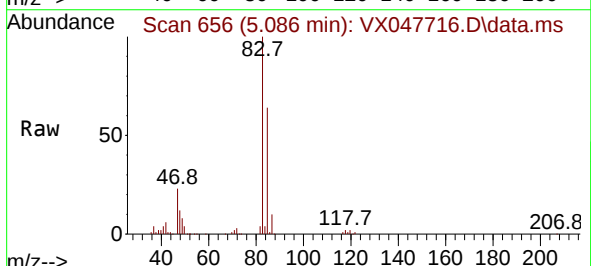
RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

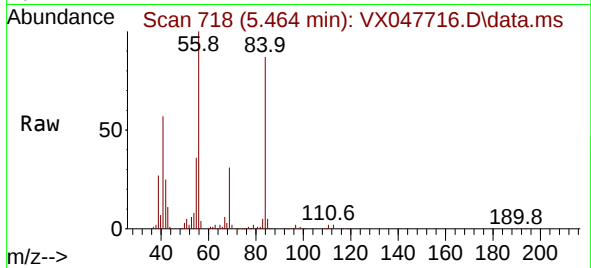
Tgt Ion:	83	Resp:	200434
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.8	77.6





#31
Cyclohexane
Concen: 47.293 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

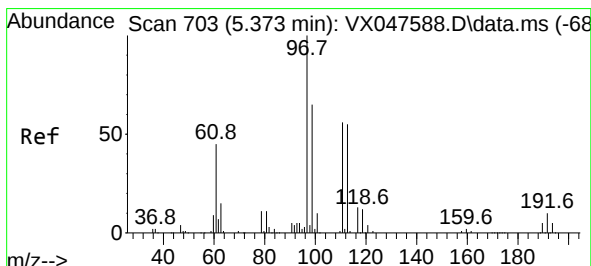
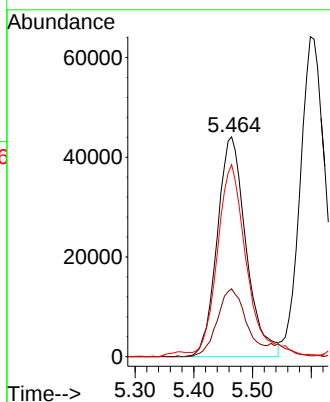
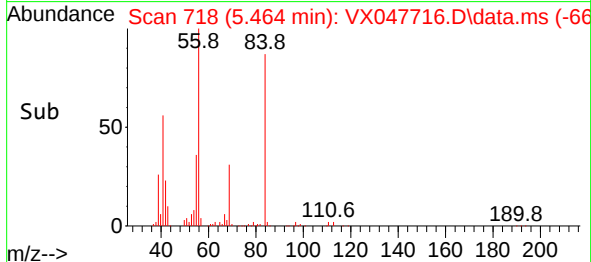
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 56 Resp: 15065
Ion Ratio Lower Upper
56 100
69 30.4 23.8 35.8
84 85.1 64.6 97.0

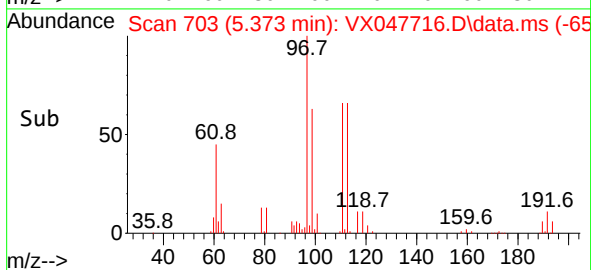
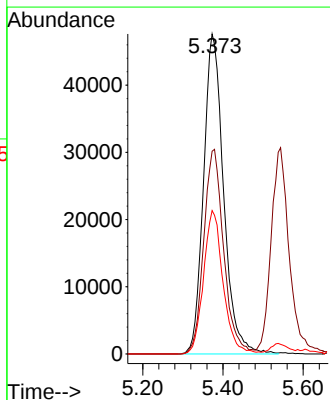
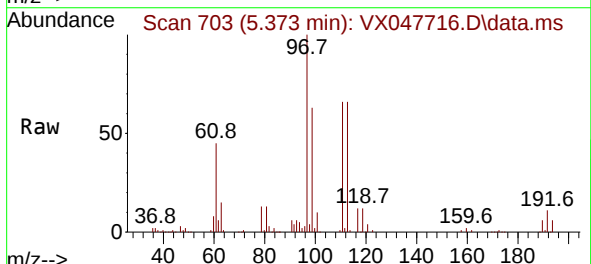
Manual Integrations
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Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#32
1,1,1-Trichloroethane
Concen: 50.434 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

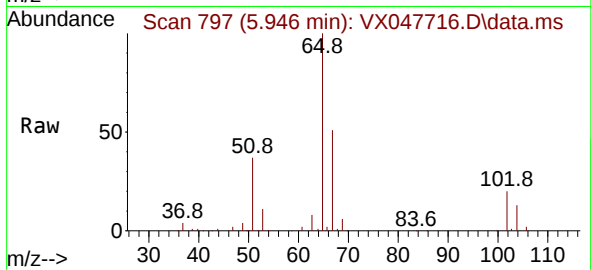
Tgt Ion: 97 Resp: 165340
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 43.7 35.8 53.8





#33
1,2-Dichloroethane-d4
Concen: 55.592 ug/l
RT: 5.946 min Scan# 796
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

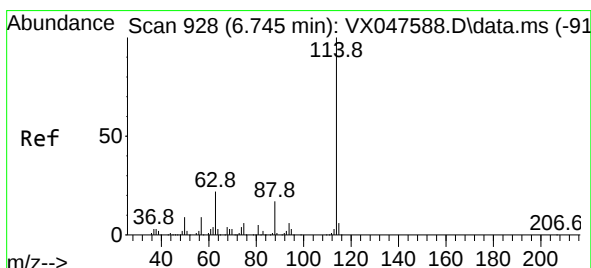
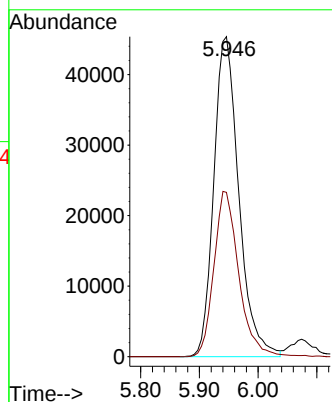
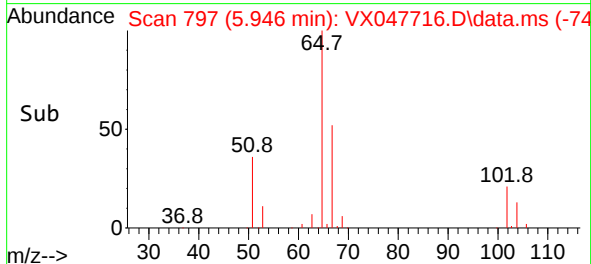
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



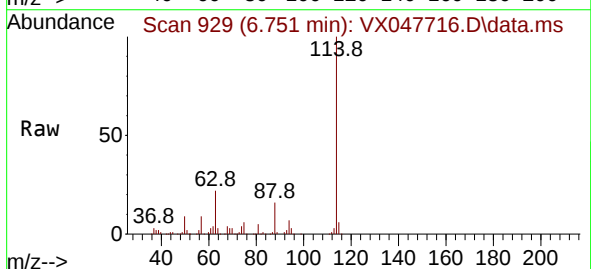
Tgt Ion: 65 Resp: 134014
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

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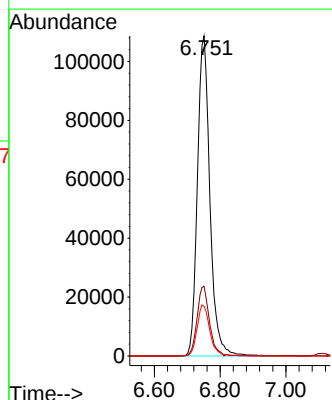
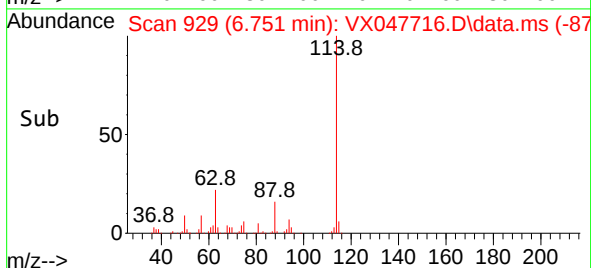
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



Tgt Ion:114 Resp: 285571
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 15.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 53.007 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047716.D

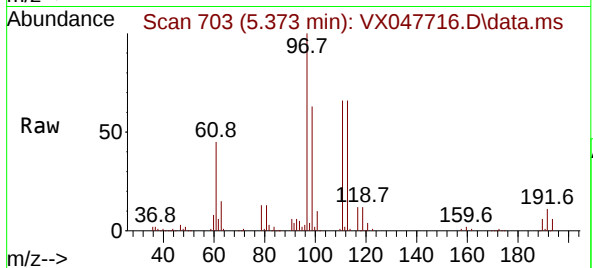
Acq: 22 Sep 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MSD



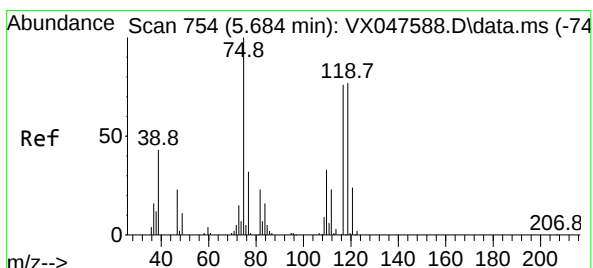
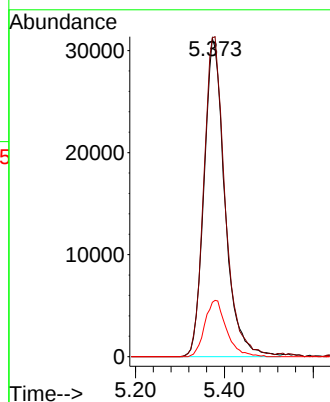
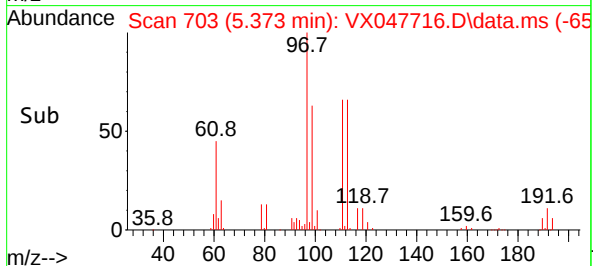
Tgt Ion:	113	Resp:	101518
Ion Ratio	100	Lower	Upper
113	100		
111	102.4	80.9	121.3
192	18.5	14.2	21.4

Manual Integrations

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Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#36

1,1-Dichloropropene

Concen: 46.039 ug/l

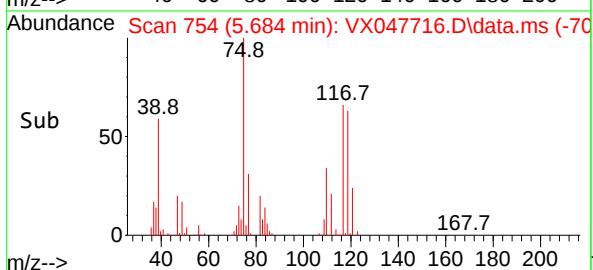
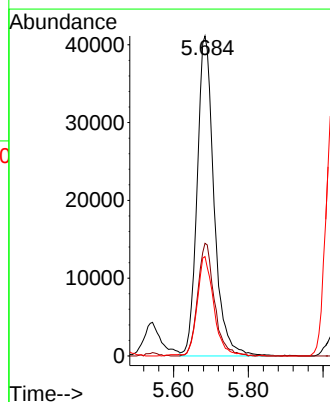
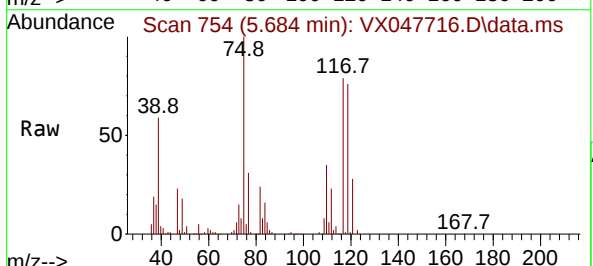
RT: 5.684 min Scan# 754

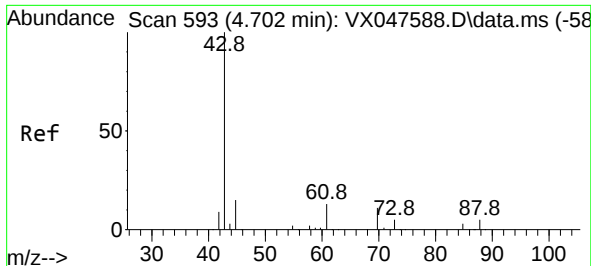
Delta R.T. -0.000 min

Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

Tgt Ion:	75	Resp:	128843
Ion Ratio	100	Lower	Upper
75	100		
110	35.0	16.7	50.1
77	30.9	24.3	36.5





#37

Ethyl Acetate

Concen: 46.402 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

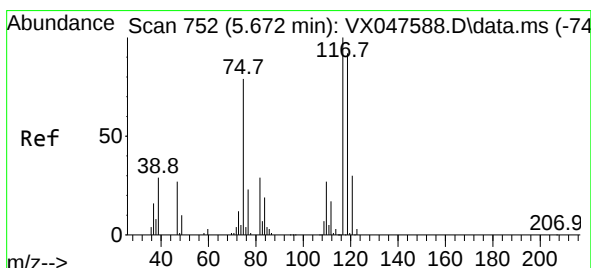
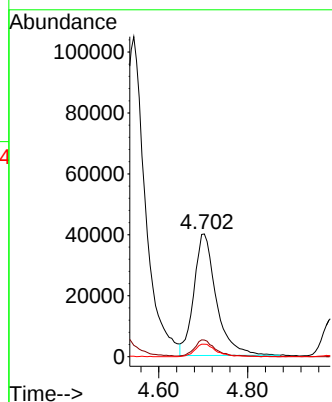
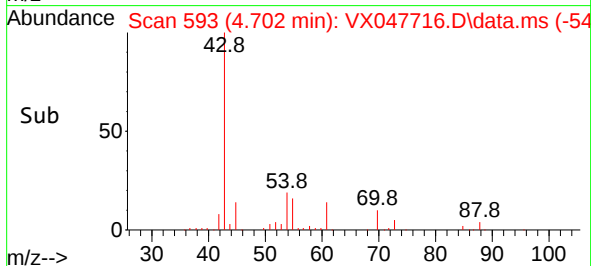
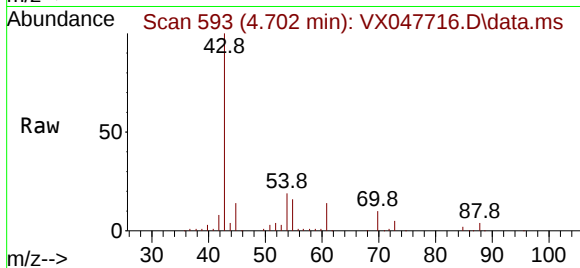
RE103D2-20250911MSD

Tgt Ion: 43 Resp: 139040

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.8	14.8
70	10.0	7.9	11.9

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



#38

Carbon Tetrachloride

Concen: 45.547 ug/l

RT: 5.666 min Scan# 751

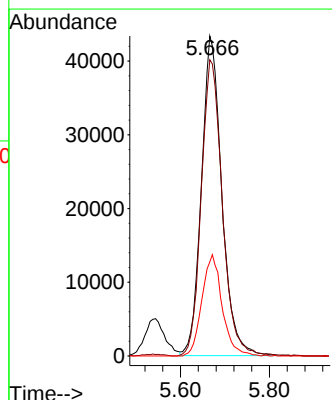
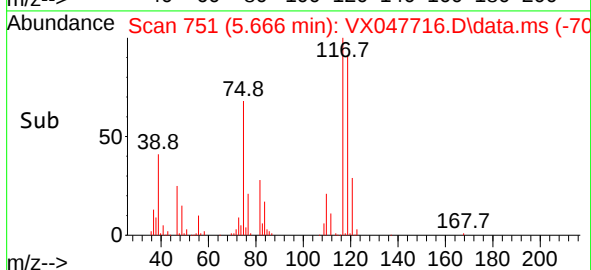
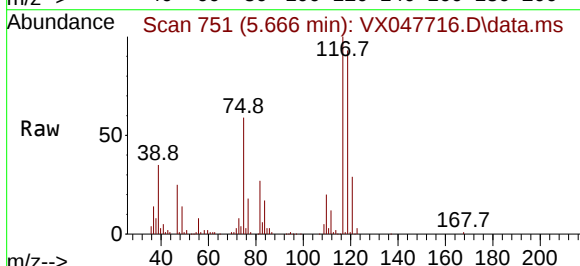
Delta R.T. -0.006 min

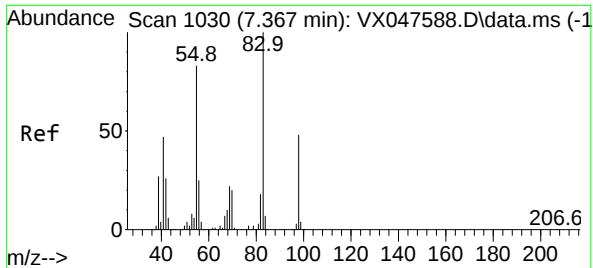
Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

Tgt Ion:117 Resp: 138495

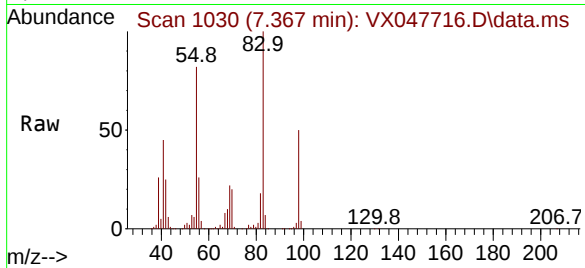
Ion	Ratio	Lower	Upper
117	100		
119	92.4	73.4	110.2
121	29.5	23.8	35.6





#39
Methylcyclohexane
Concen: 44.350 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

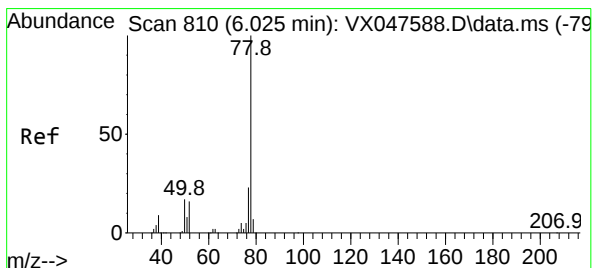
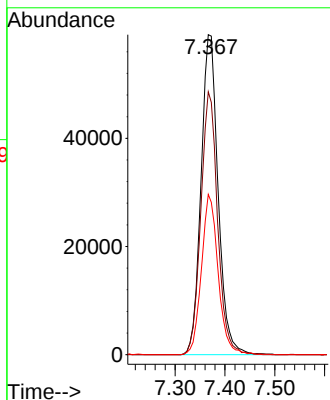
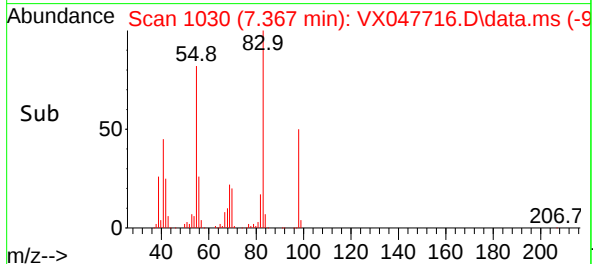
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 83 Resp: 140889
Ion Ratio Lower Upper
83 100
55 82.1 66.4 99.6
98 50.1 38.1 57.1

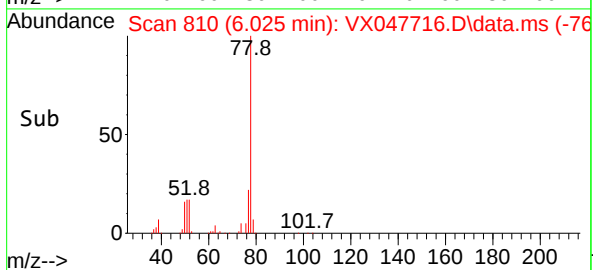
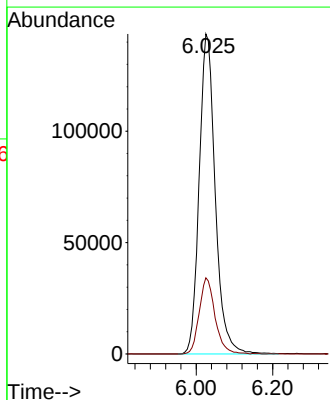
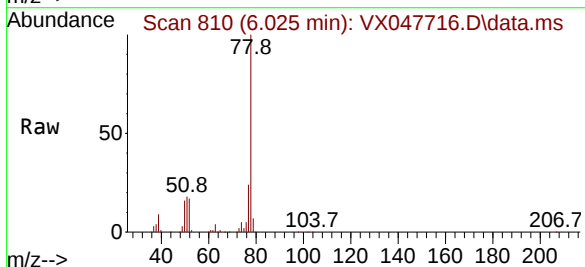
Manual Integrations
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Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#40
Benzene
Concen: 49.262 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

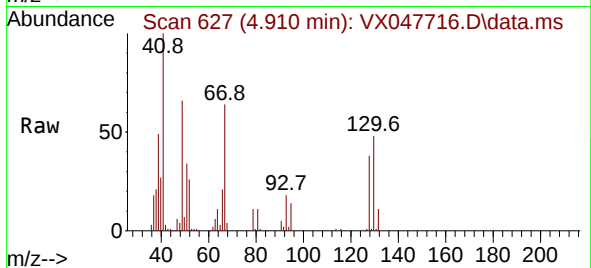
Tgt Ion: 78 Resp: 418727
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2





#41
Methacrylonitrile
Concen: 52.951 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

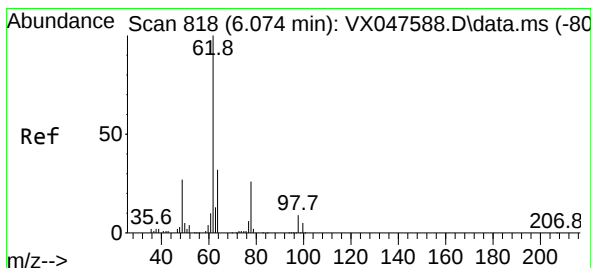
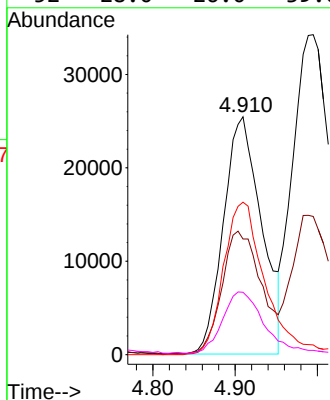
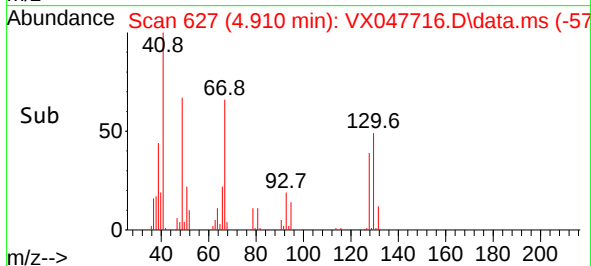
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 41 Resp: 81912
Ion Ratio Lower Upper
41 100
39 54.6 43.3 64.9
67 70.9 58.6 87.8
52 28.0 26.0 39.0

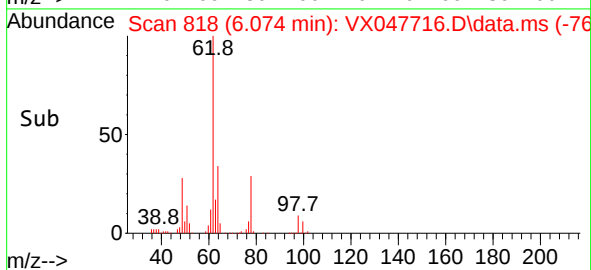
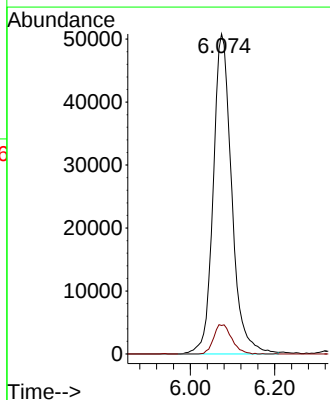
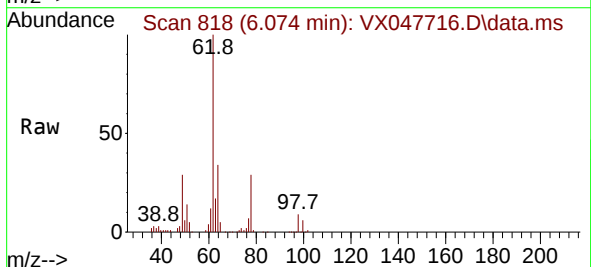
Manual Integrations
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Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#42
1,2-Dichloroethane
Concen: 47.733 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

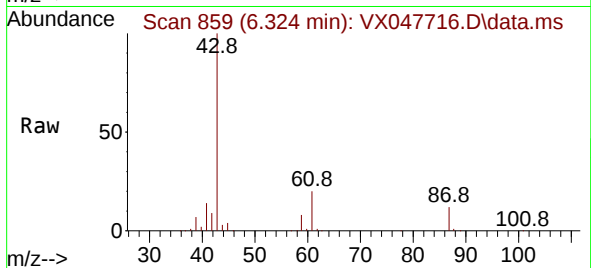
Tgt Ion: 62 Resp: 154372
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.0





#43
Isopropyl Acetate
Concen: 48.533 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

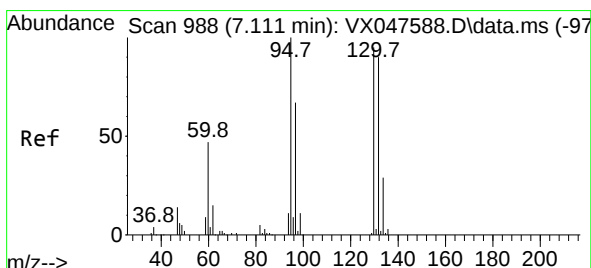
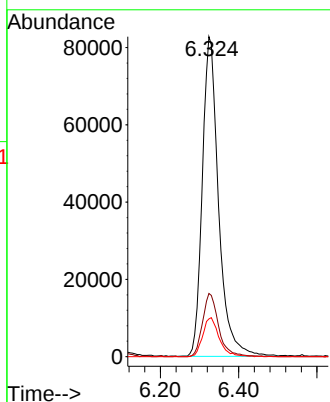
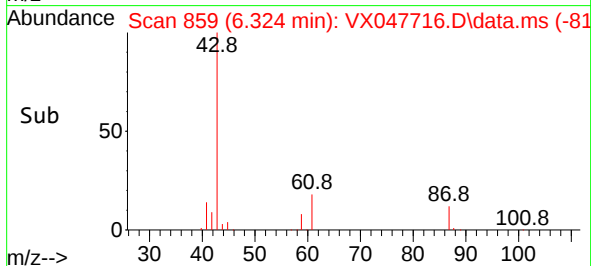
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 43 Resp: 238509
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 12.3 9.6 14.4

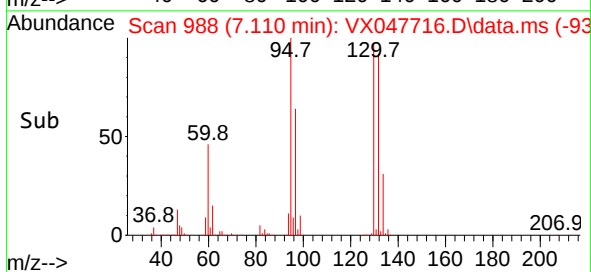
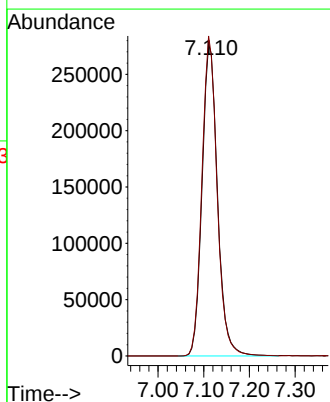
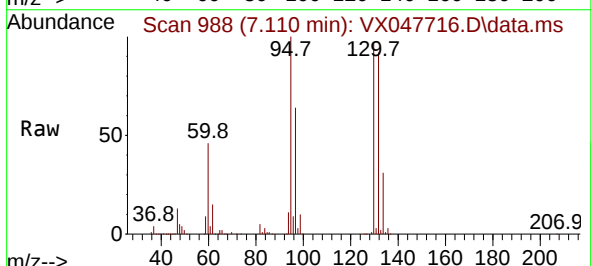
Manual Integrations
APPROVED

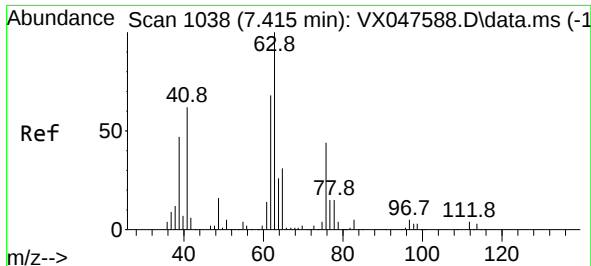
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#44
Trichloroethene
Concen: 316.221 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

Tgt Ion:130 Resp: 649824
Ion Ratio Lower Upper
130 100
95 102.6 0.0 210.8





#45

1,2-Dichloropropane

Concen: 48.933 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MSD

Tgt Ion: 63 Resp: 10650

Ion Ratio Lower Upper

63 100

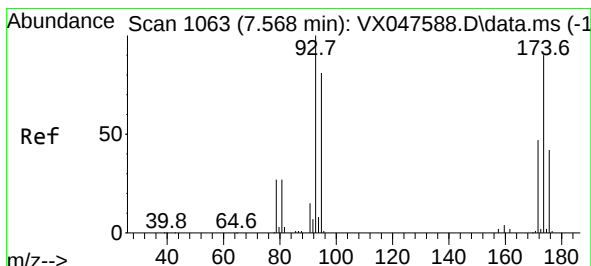
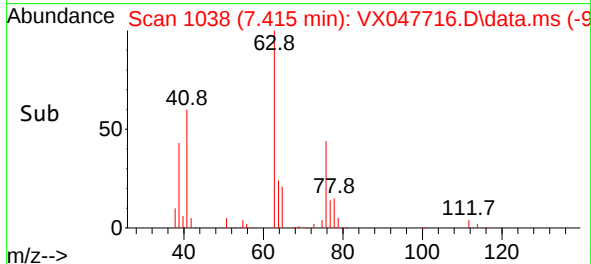
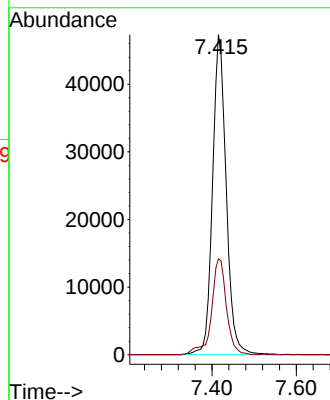
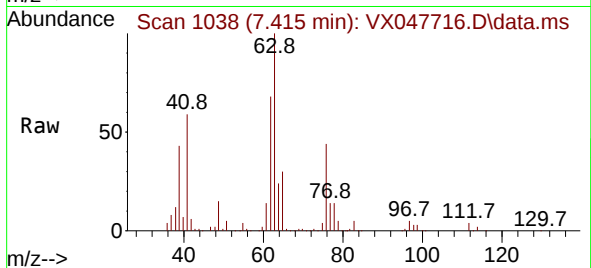
65 29.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#46

Dibromomethane

Concen: 48.334 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

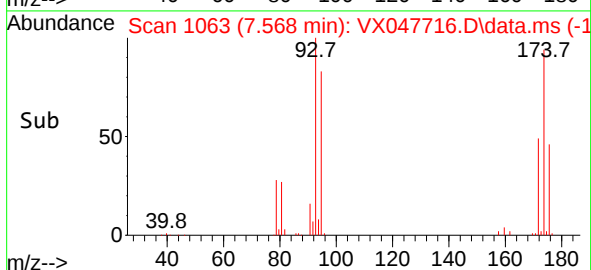
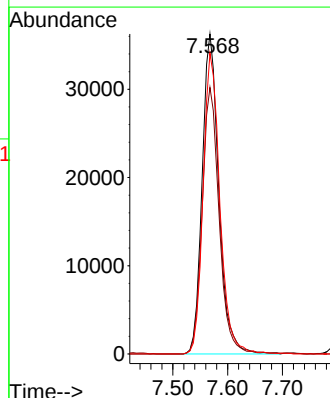
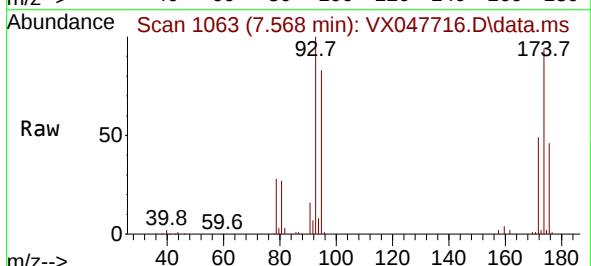
Tgt Ion: 93 Resp: 76554

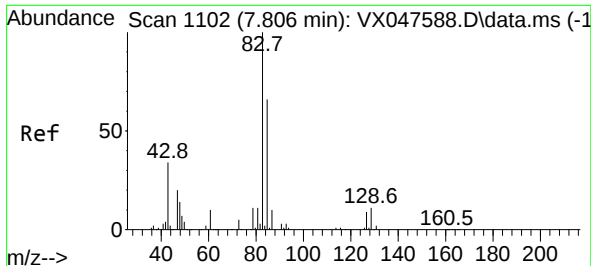
Ion Ratio Lower Upper

93 100

95 84.6 65.0 97.6

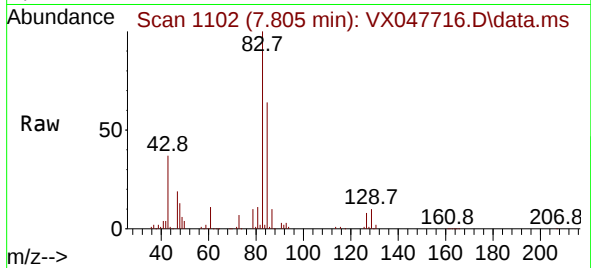
174 94.6 71.6 107.4





#47
Bromodichloromethane
Concen: 48.363 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

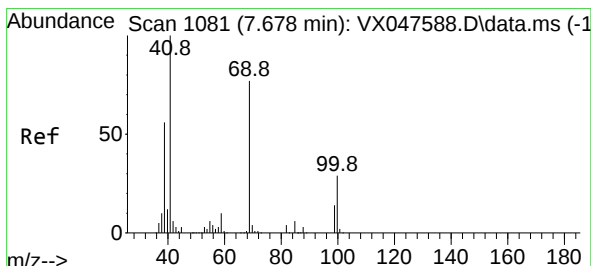
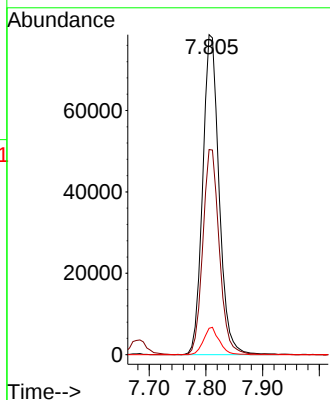
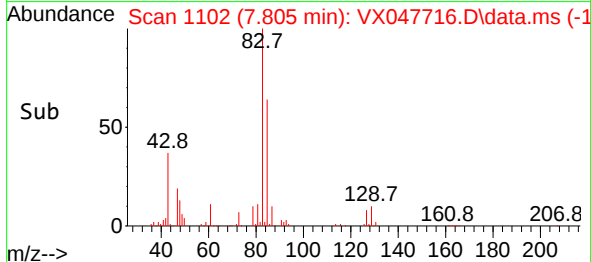
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 83 Resp: 158068
Ion Ratio Lower Upper
83 100
85 64.0 52.5 78.7
127 8.3 6.9 10.3

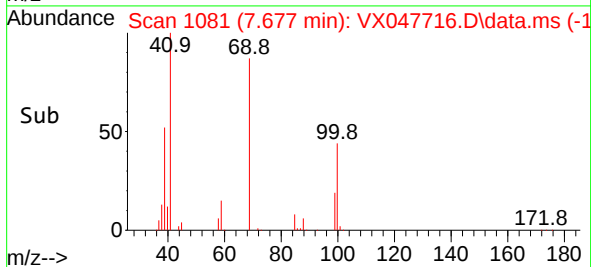
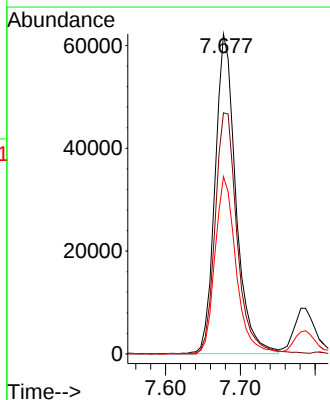
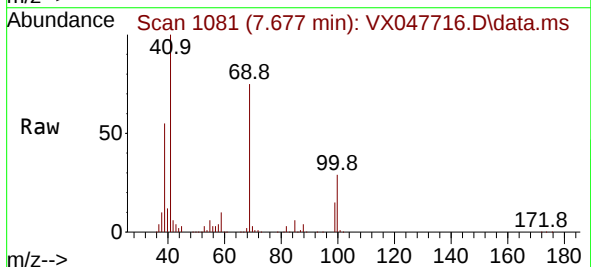
Manual Integrations
APPROVED

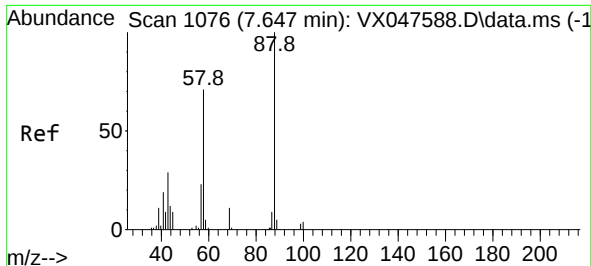
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#48
Methyl methacrylate
Concen: 49.151 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

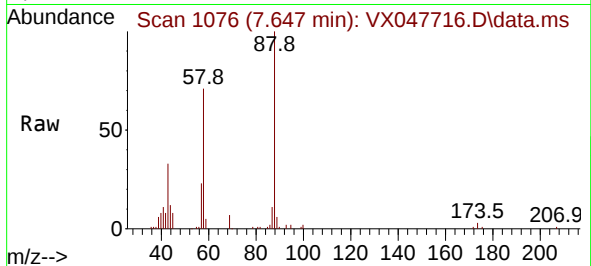
Tgt Ion: 41 Resp: 120316
Ion Ratio Lower Upper
41 100
69 79.9 61.4 92.2
39 55.9 45.8 68.6





#49
1,4-Dioxane
Concen: 1276.303 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

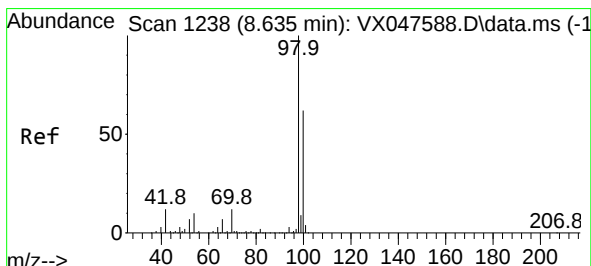
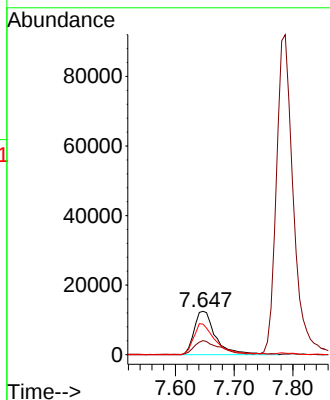
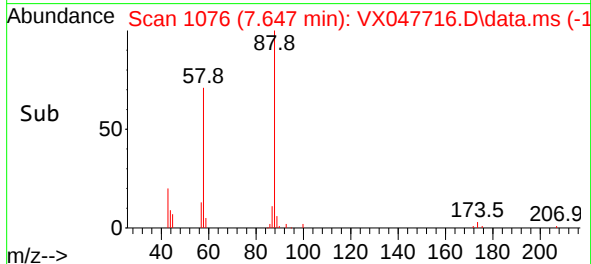
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 88 Resp: 31574
Ion Ratio Lower Upper
88 100
43 37.2 30.2 45.2
58 73.5 59.5 89.3

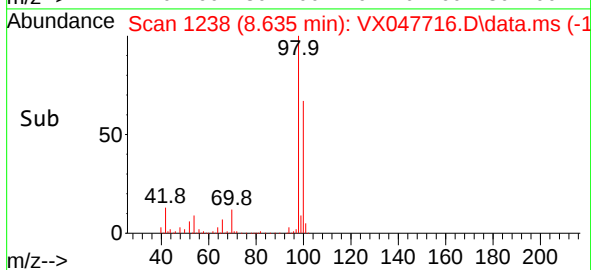
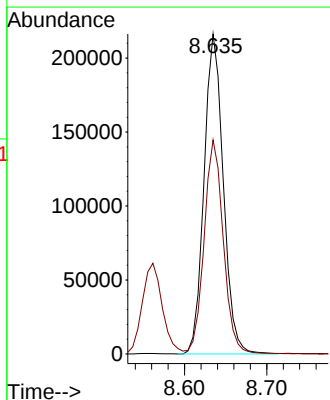
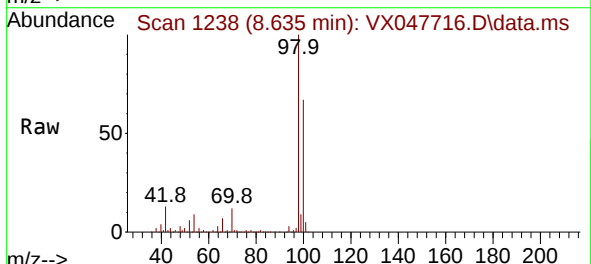
Manual Integrations
APPROVED

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



#50
Toluene-d8
Concen: 53.107 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

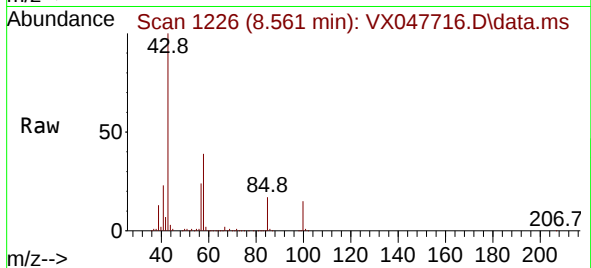
Tgt Ion: 98 Resp: 351935
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 261.859 ug/l
RT: 8.561 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

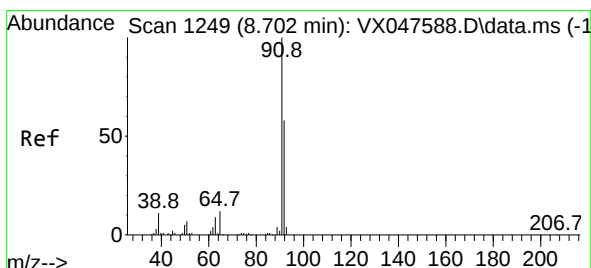
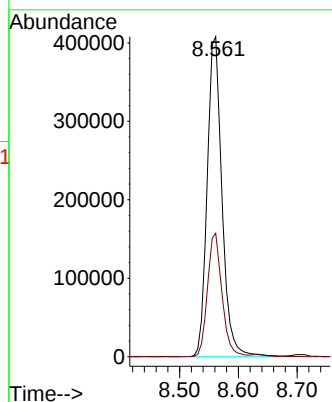
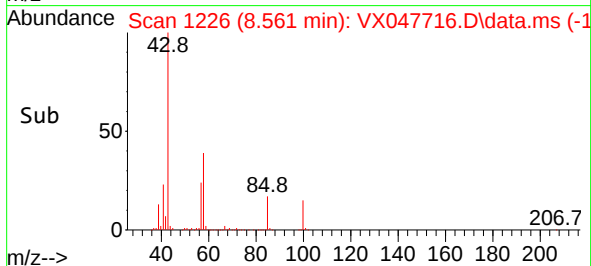
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



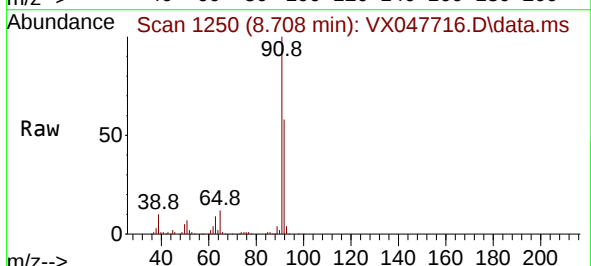
Tgt Ion: 43 Resp: 713498
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5

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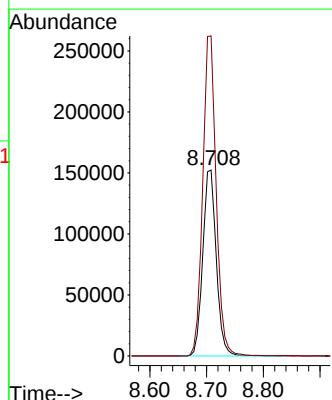
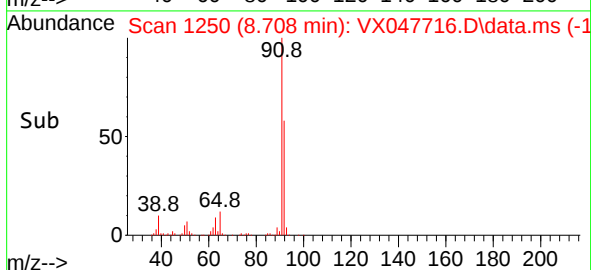
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#52
Toluene
Concen: 48.176 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



Tgt Ion: 92 Resp: 252290
Ion Ratio Lower Upper
92 100
91 171.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 48.021 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MSD

Tgt Ion: 75 Resp: 160090

Ion Ratio Lower Upper

75 100

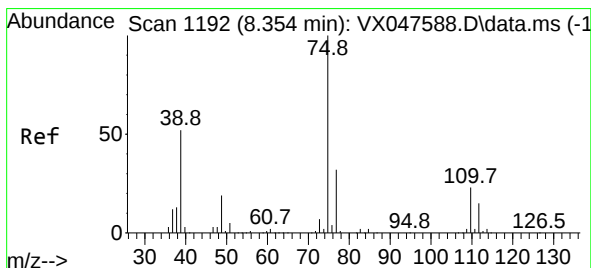
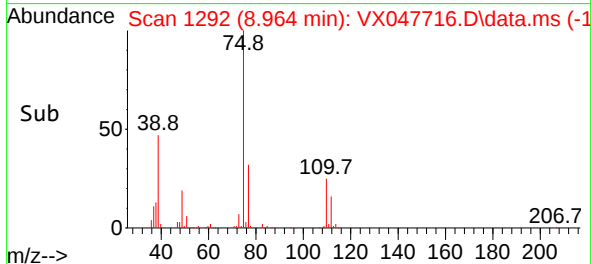
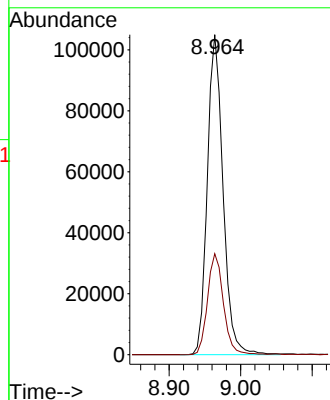
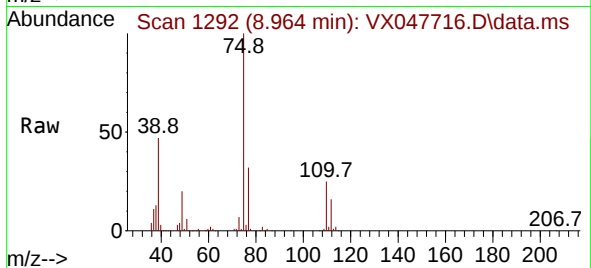
77 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#54

cis-1,3-Dichloropropene

Concen: 47.854 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

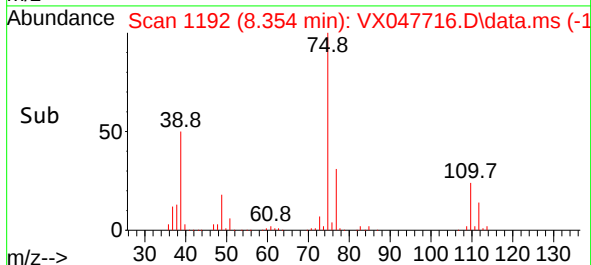
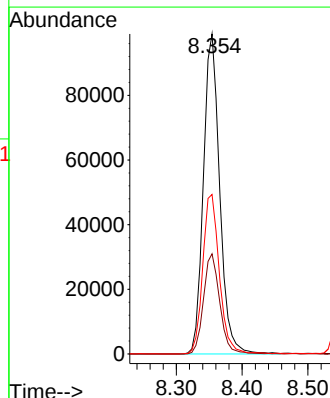
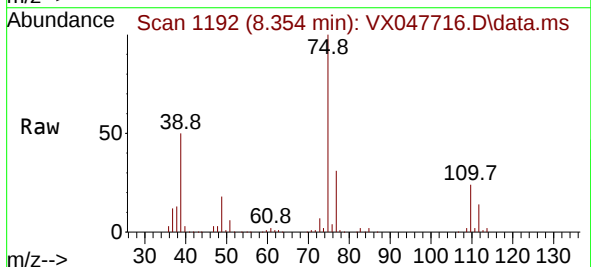
Tgt Ion: 75 Resp: 170516

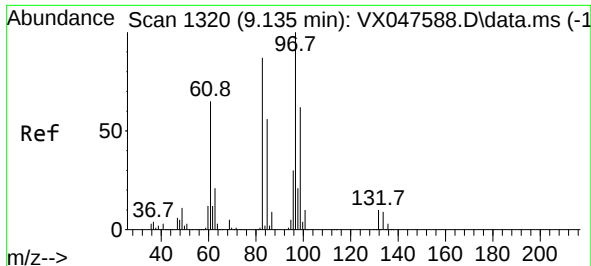
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

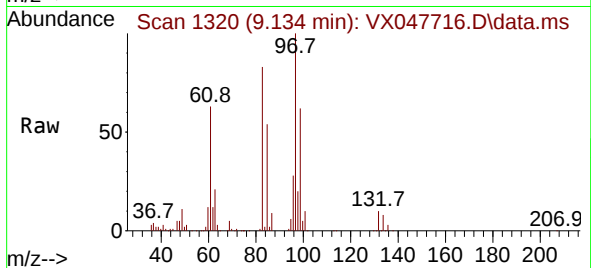
39 49.3 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 50.639 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

Instrument : MSVOA_X
ClientSampleId : RE103D2-20250911MSD

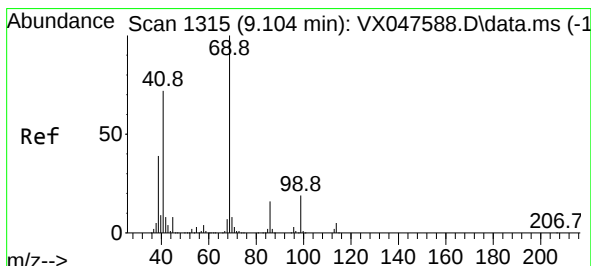
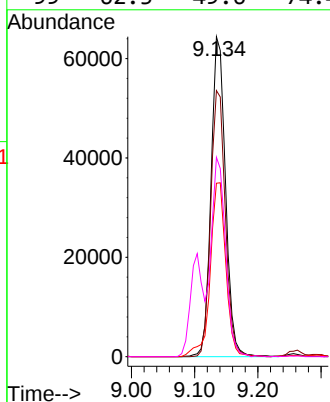
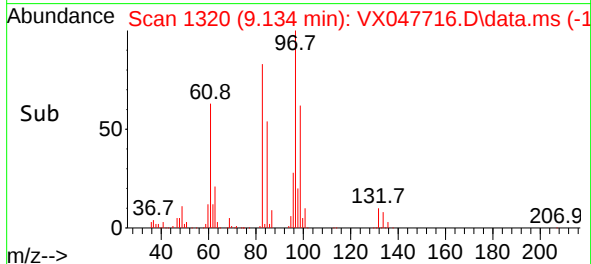


Tgt Ion: 97 Resp: 10225

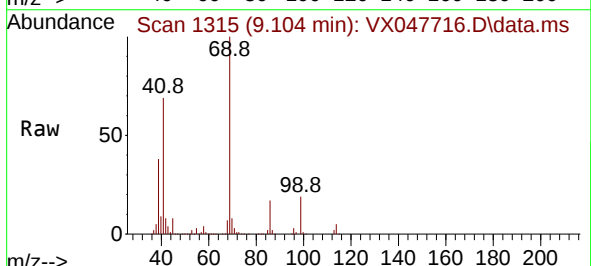
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.6	104.4
85	54.1	45.0	67.6
99	62.3	49.6	74.4

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

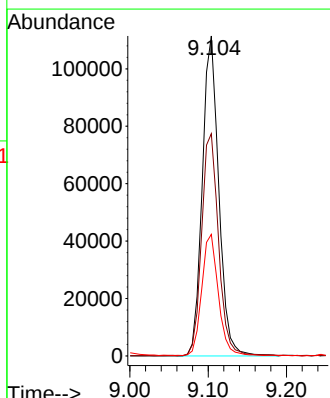
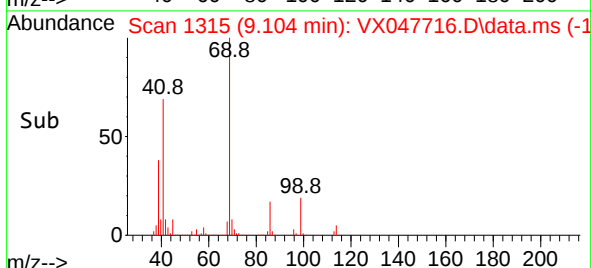


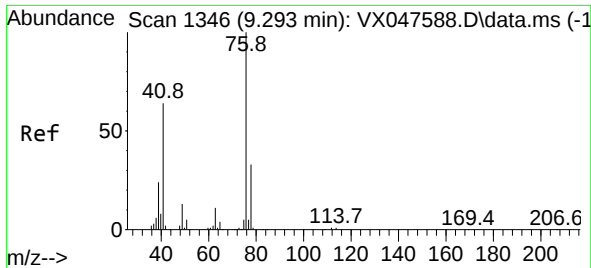
#56
Ethyl methacrylate
Concen: 51.375 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



Tgt Ion: 69 Resp: 162921

Ion	Ratio	Lower	Upper
69	100		
41	71.1	58.6	87.8
39	38.0	31.5	47.3





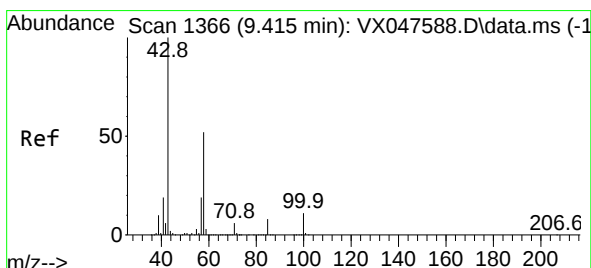
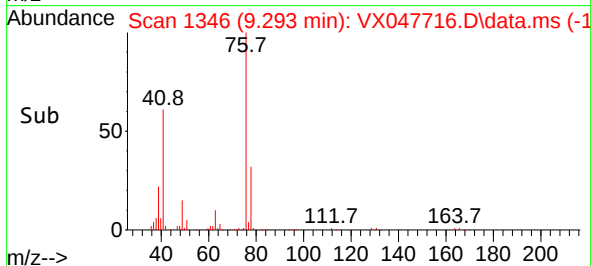
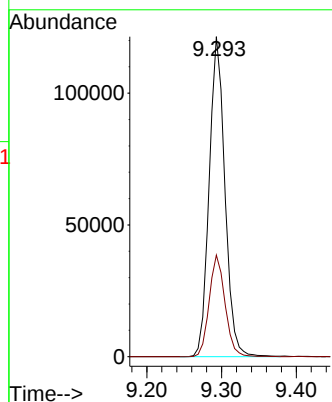
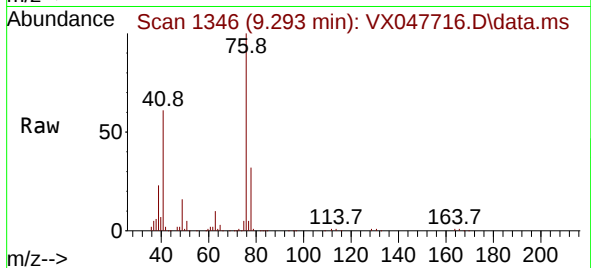
#57
1,3-Dichloropropane
Concen: 51.150 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

Instrument : MSVOA_X
ClientSampleId : RE103D2-20250911MSD

Tgt Ion: 76 Resp: 17742
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4

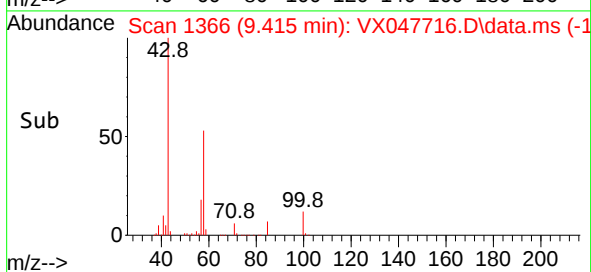
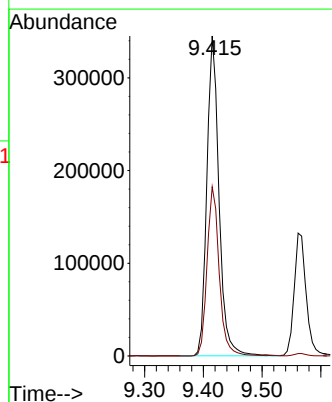
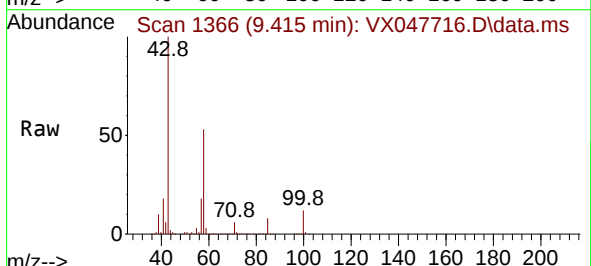
Manual Integrations
APPROVED

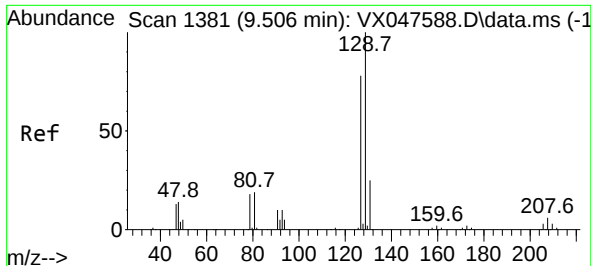
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#59
2-Hexanone
Concen: 253.602 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

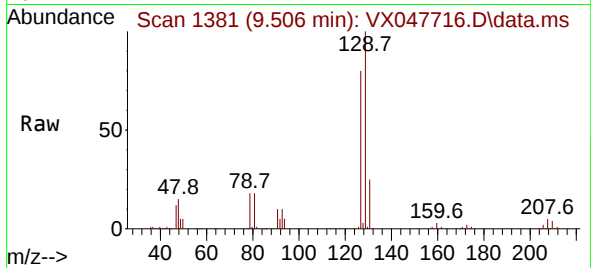
Tgt Ion: 43 Resp: 496279
Ion Ratio Lower Upper
43 100
58 53.1 26.1 78.2





#60
Dibromochloromethane
Concen: 50.771 ug/l
RT: 9.506 min Scan# 118120
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

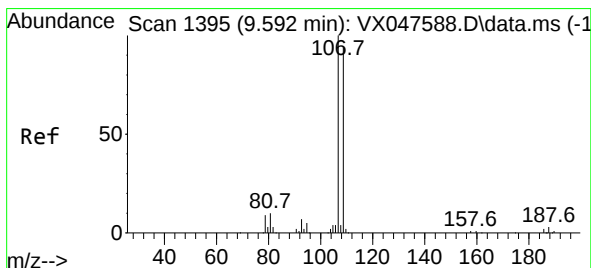
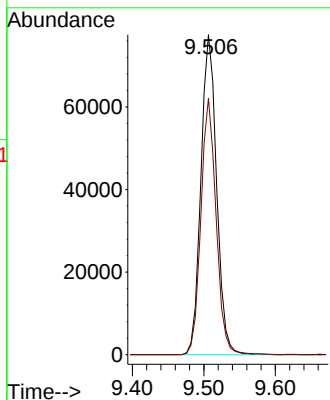
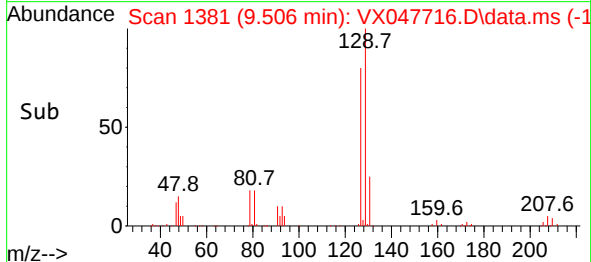
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion:129 Resp: 118120
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2

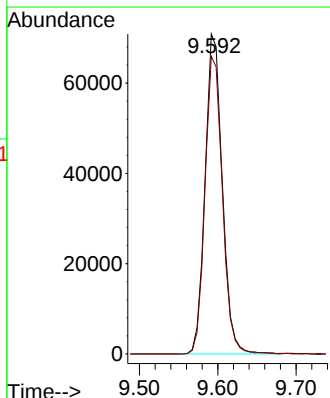
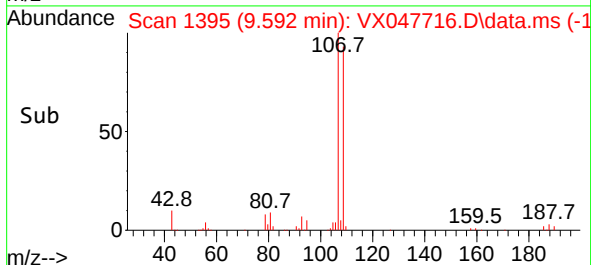
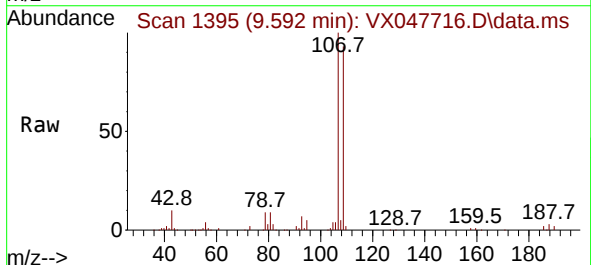
Manual Integrations
APPROVED

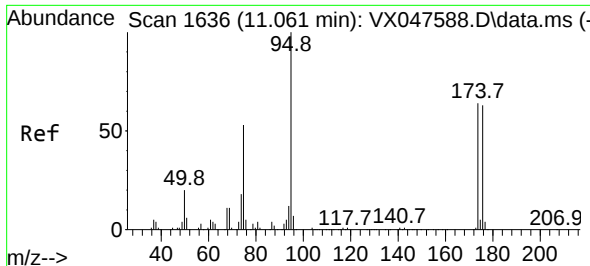
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#61
1,2-Dibromoethane
Concen: 52.599 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

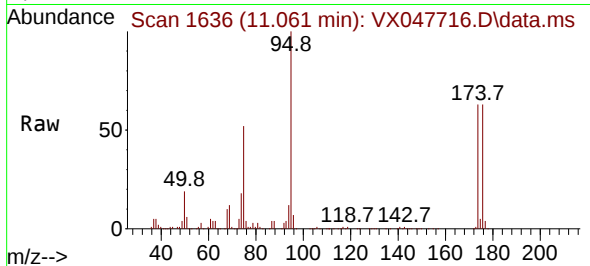
Tgt Ion:107 Resp: 108183
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9





#62
4-Bromofluorobenzene
Concen: 53.798 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

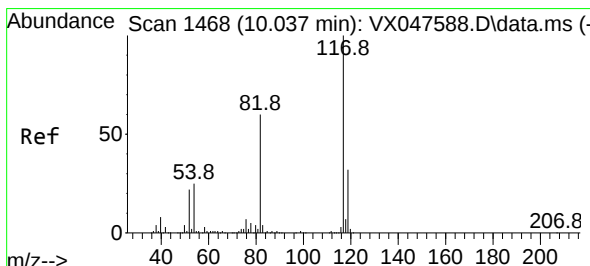
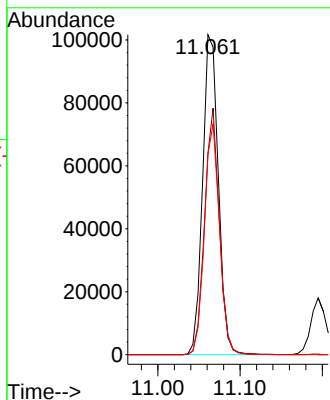
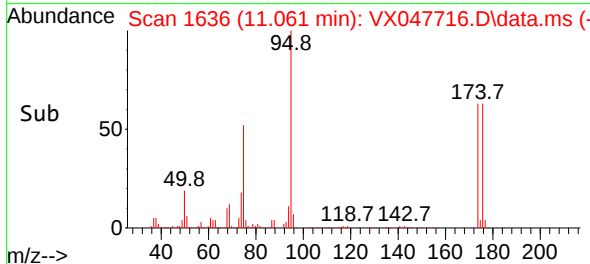
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



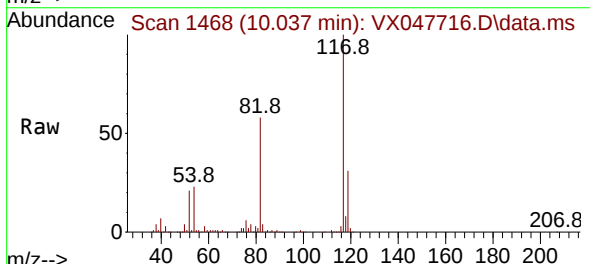
Tgt Ion: 95 Resp: 135304
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 69.3 0.0 138.4

Manual Integrations
APPROVED

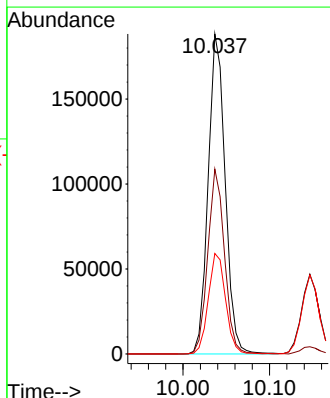
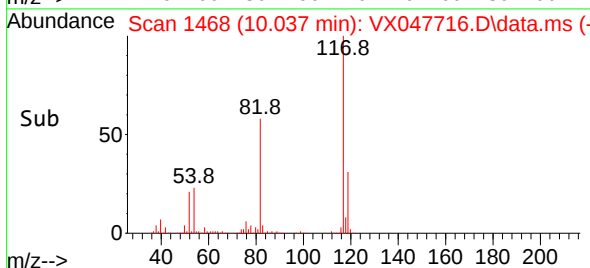
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

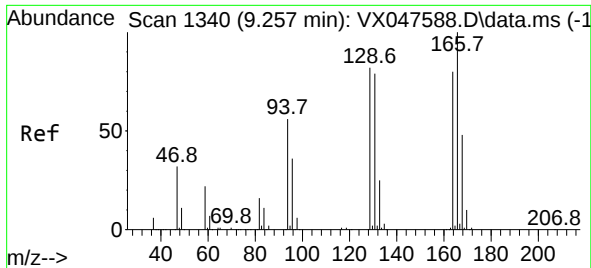


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



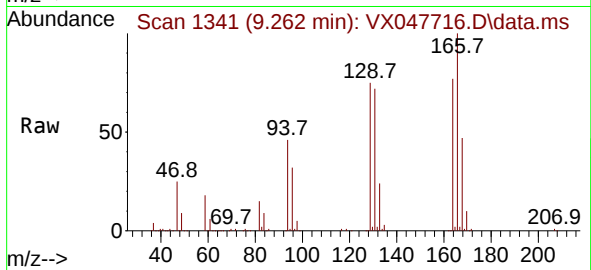
Tgt Ion:117 Resp: 256927
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.6
119 31.4 25.2 37.8





#64
Tetrachloroethene
Concen: 46.898 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

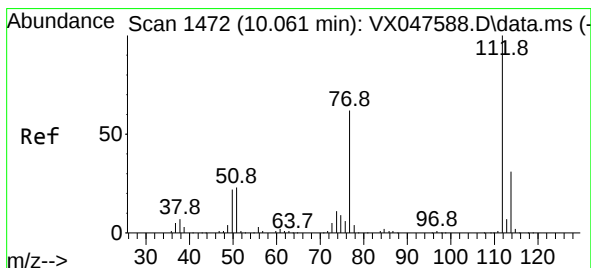
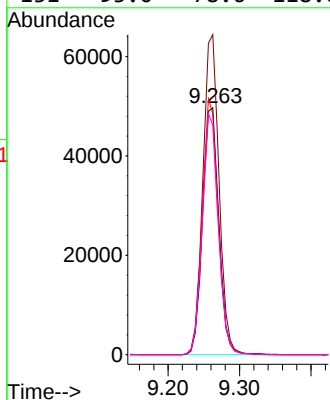
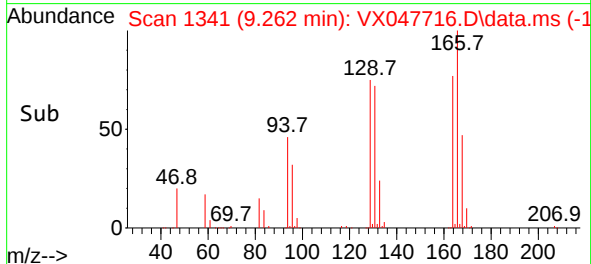
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion:164 Resp: 78549
Ion Ratio Lower Upper
164 100
166 129.6 100.2 150.2
129 97.6 81.8 122.6
131 93.0 78.6 118.0

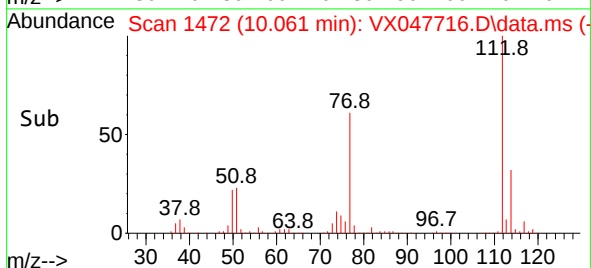
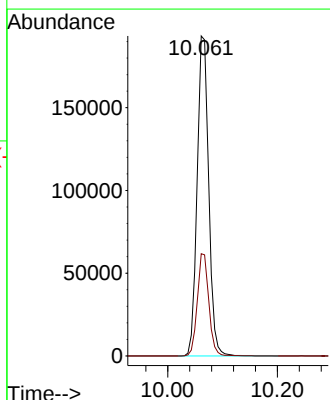
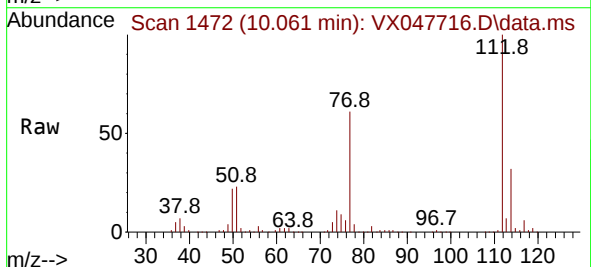
Manual Integrations
APPROVED

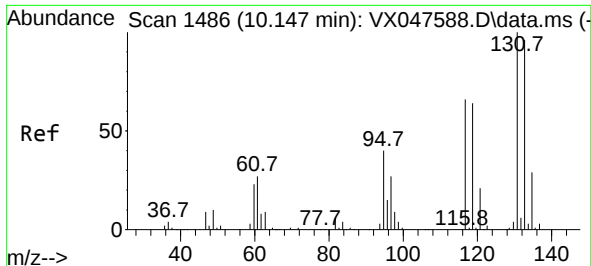
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#65
Chlorobenzene
Concen: 48.661 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

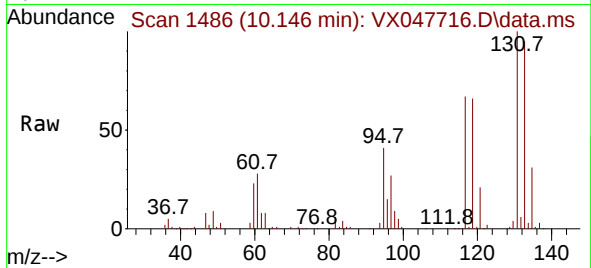
Tgt Ion:112 Resp: 284028
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 48.198 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

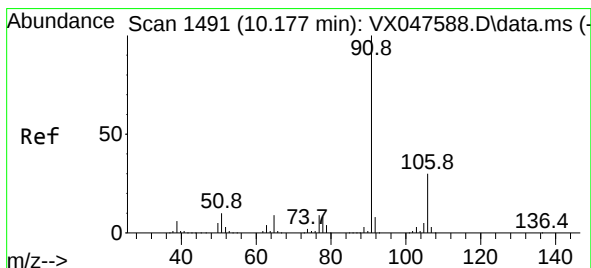
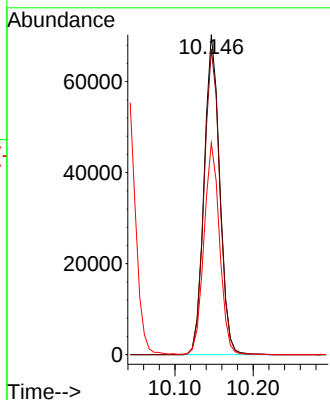
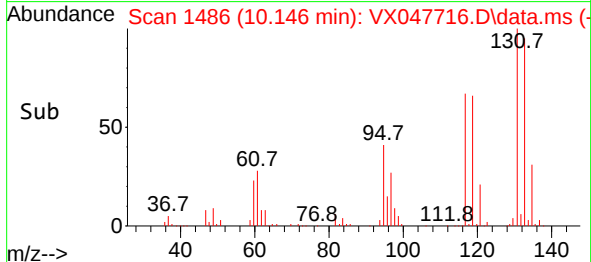
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion:131 Resp: 97079
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 66.1 32.0 96.0

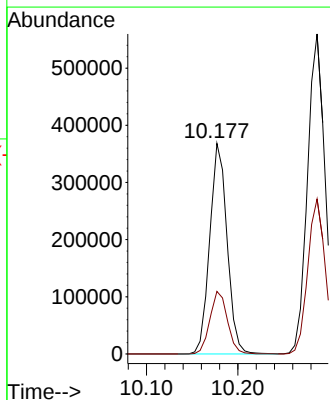
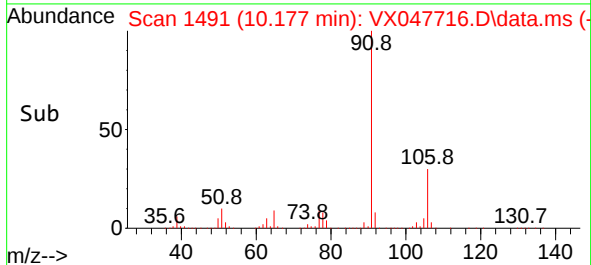
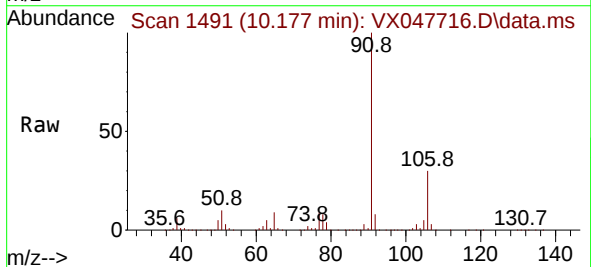
Manual Integrations
APPROVED

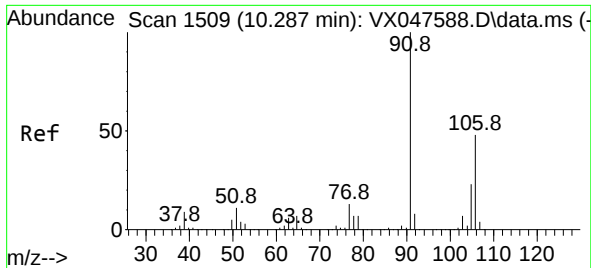
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#67
Ethyl Benzene
Concen: 48.136 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

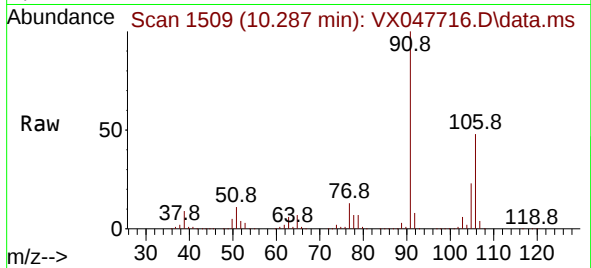
Tgt Ion: 91 Resp: 484782
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5





#68
m/p-Xylenes
Concen: 97.291 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

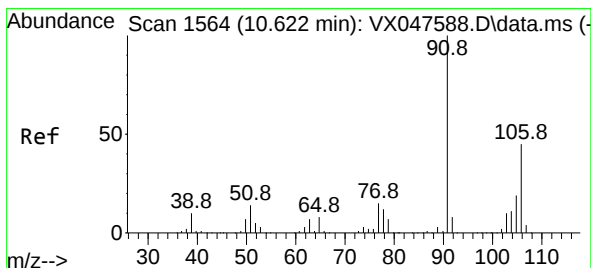
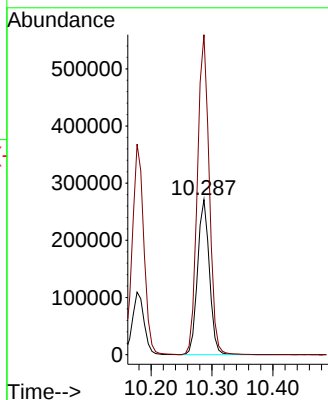
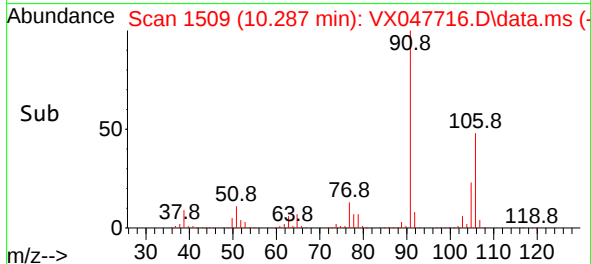
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



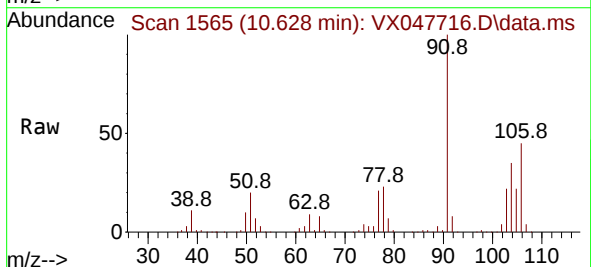
Tgt Ion:106 Resp: 36470
Ion Ratio Lower Upper
106 100
91 207.0 167.8 251.8

Manual Integrations
APPROVED

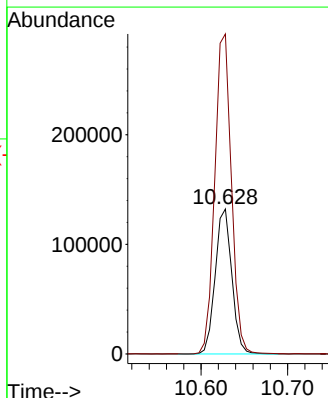
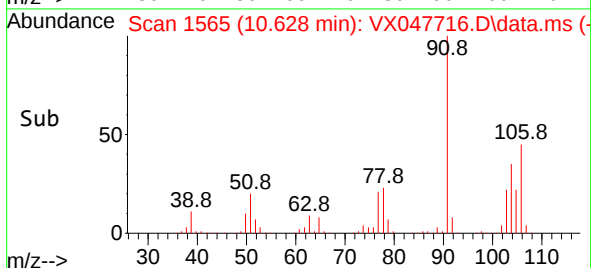
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

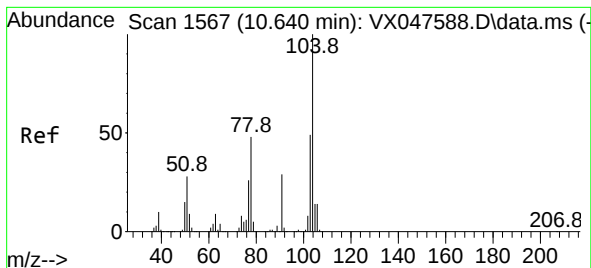


#69
o-Xylene
Concen: 48.532 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



Tgt Ion:106 Resp: 175962
Ion Ratio Lower Upper
106 100
91 221.7 111.1 333.4





#70

Styrene

Concen: 48.980 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047716.D

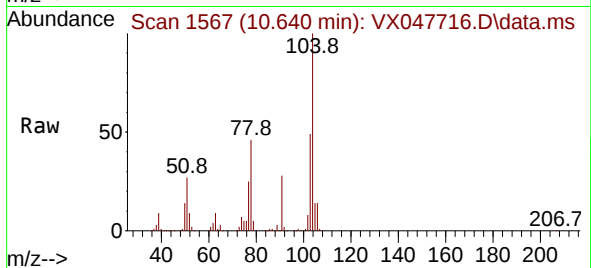
Acq: 22 Sep 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MSD



Tgt Ion:104 Resp: 311170

Ion Ratio Lower Upper

104 100

78 52.1 43.1 64.7

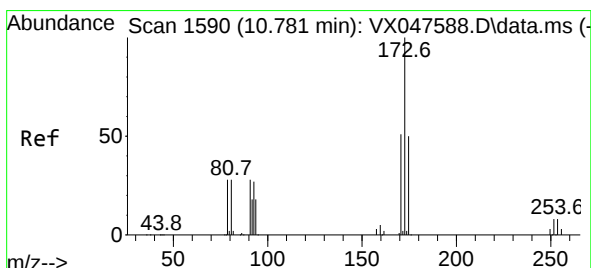
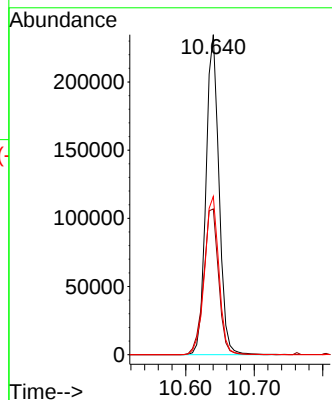
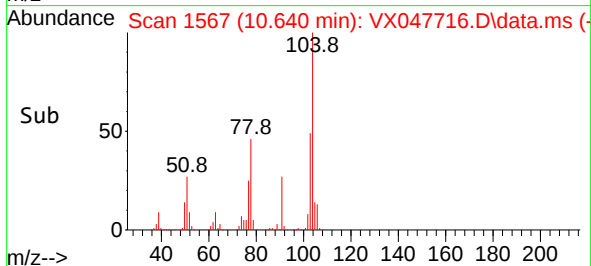
103 54.4 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#71

Bromoform

Concen: 50.286 ug/l

RT: 10.787 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

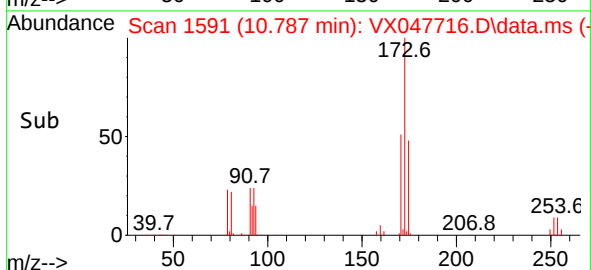
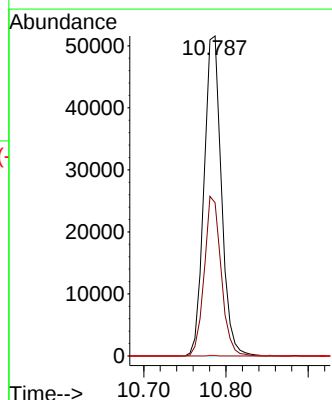
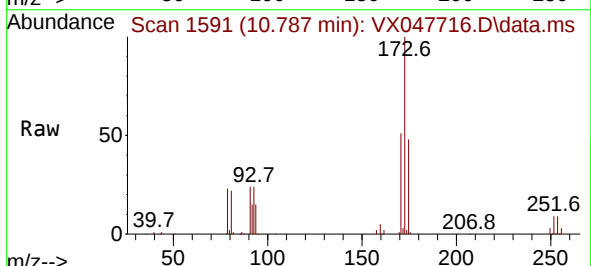
Tgt Ion:173 Resp: 75628

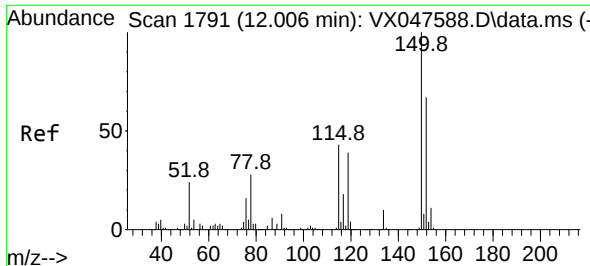
Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.6

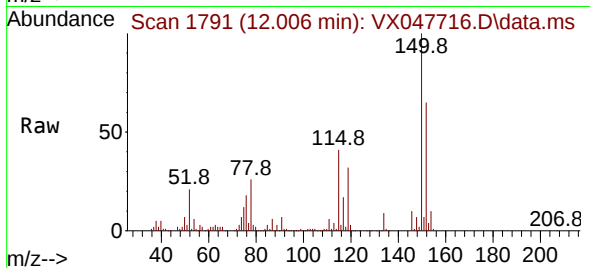
254 0.1 0.1 0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

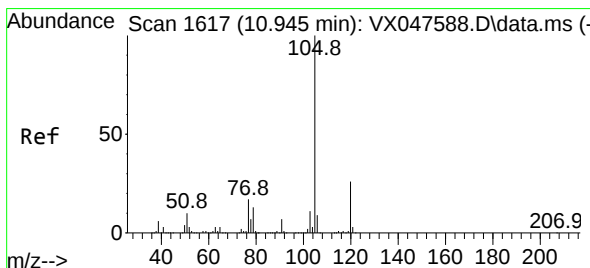
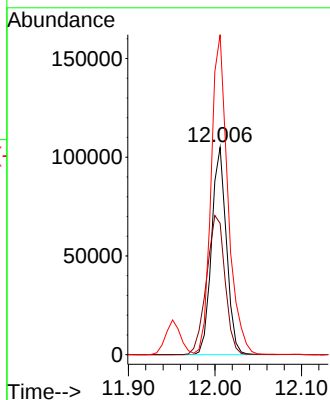
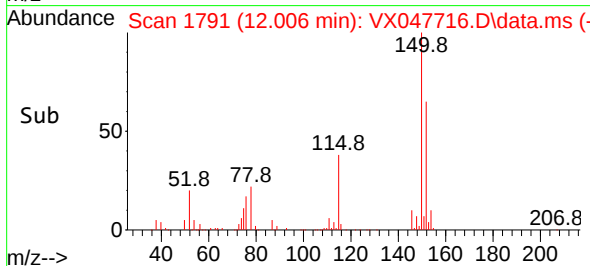
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



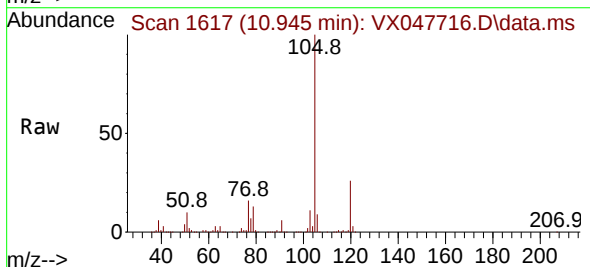
Tgt Ion:152 Resp: 125295
Ion Ratio Lower Upper
152 100
115 83.8 44.9 134.5
150 174.8 0.0 352.0

Manual Integrations
APPROVED

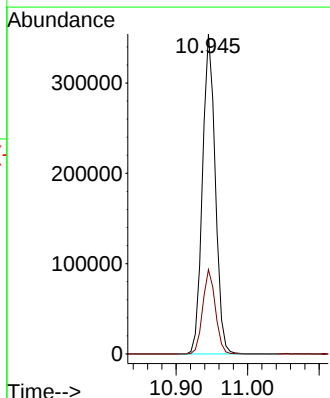
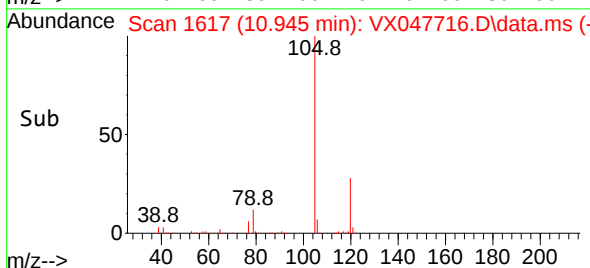
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

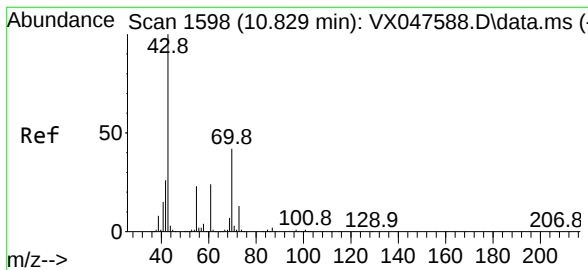


#73
Isopropylbenzene
Concen: 46.230 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



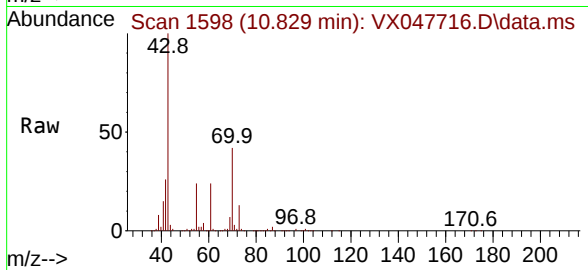
Tgt Ion:105 Resp: 440376
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4





#74
N-amy1 acetate
Concen: 46.415 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

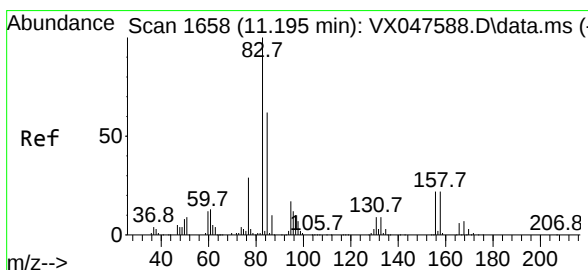
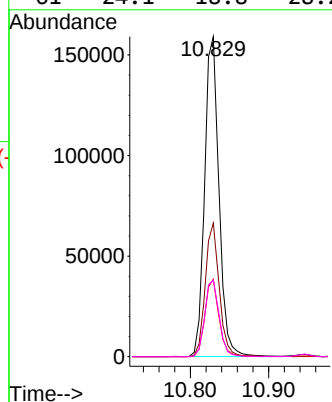
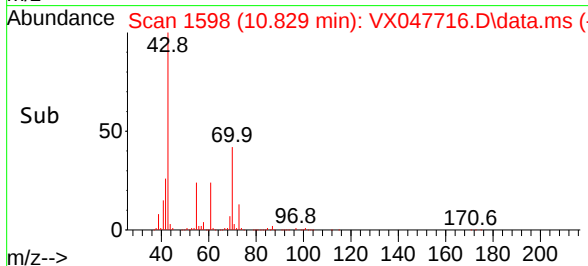
Instrument : MSVOA_X
ClientSampleId : RE103D2-20250911MSD



Tgt Ion:	43	Resp:	201619
Ion	Ratio	Lower	Upper
43	100		
70	40.8	32.0	48.0
55	23.9	18.9	28.3
61	24.1	18.8	28.2

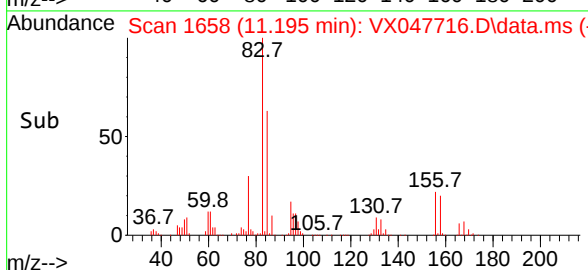
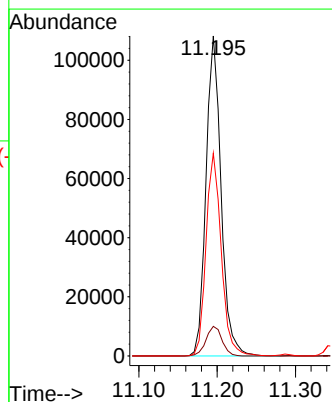
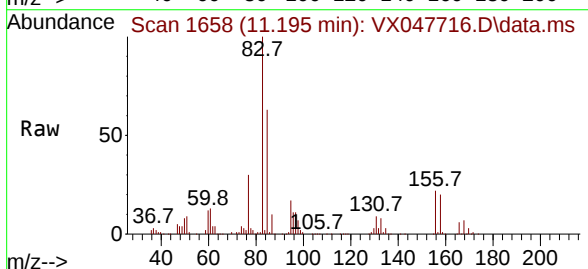
Manual Integrations
APPROVED

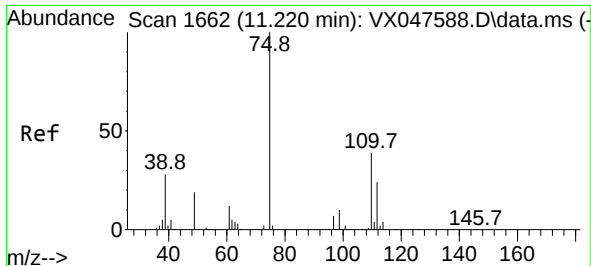
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 50.065 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

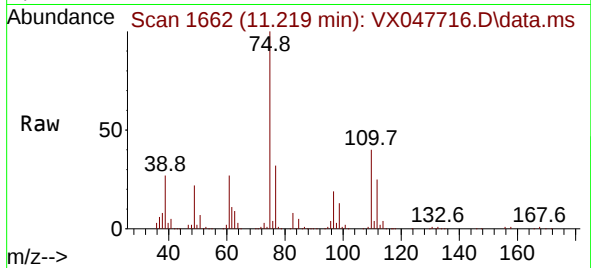
Tgt Ion:	83	Resp:	144289
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.0	31.6	95.0





#76
1,2,3-Trichloropropane
Concen: 51.049 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

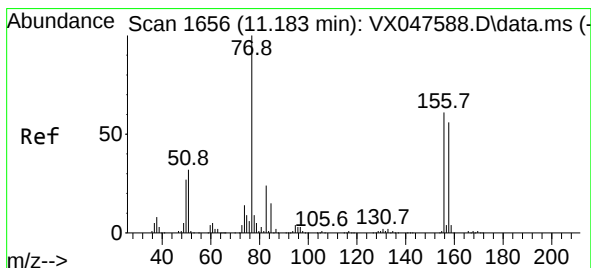
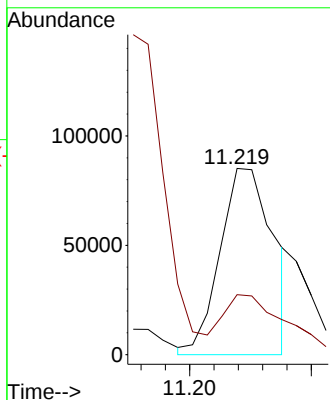
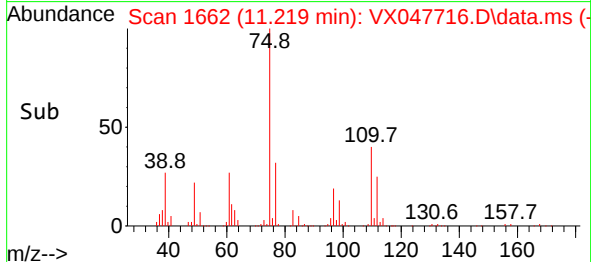
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



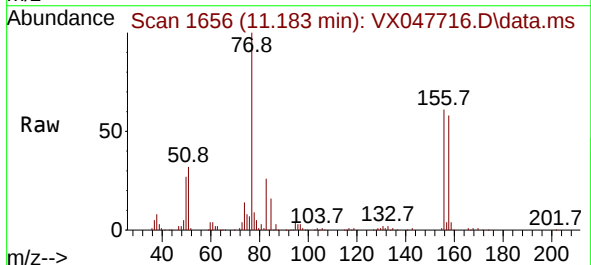
Tgt Ion: 75 Resp: 129500
Ion Ratio Lower Upper
75 100
77 37.9 18.8 56.4

Manual Integrations
APPROVED

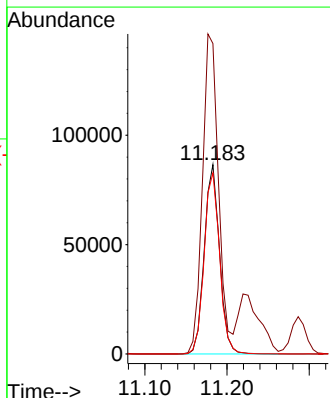
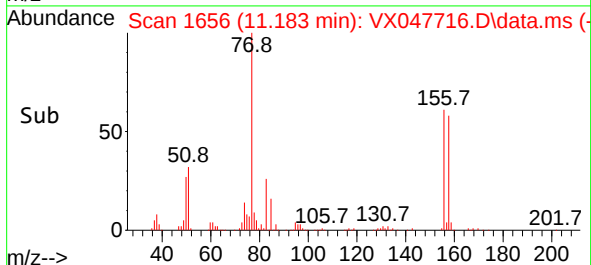
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

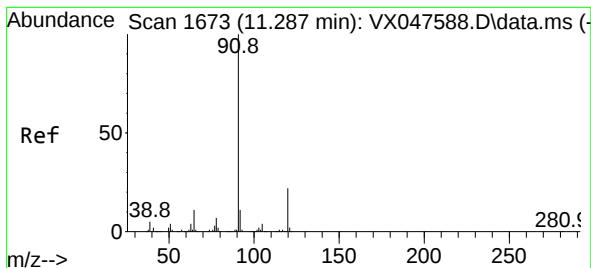


#77
Bromobenzene
Concen: 47.588 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



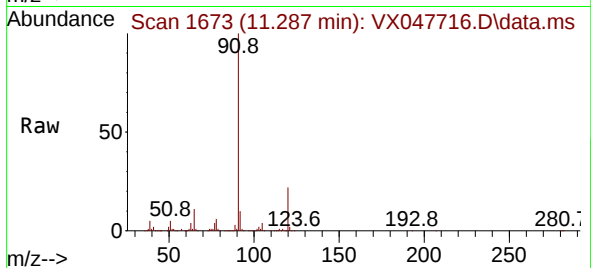
Tgt Ion:156 Resp: 111648
Ion Ratio Lower Upper
156 100
77 178.3 89.7 269.1
158 97.2 47.9 143.6





#78
n-propylbenzene
Concen: 45.887 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

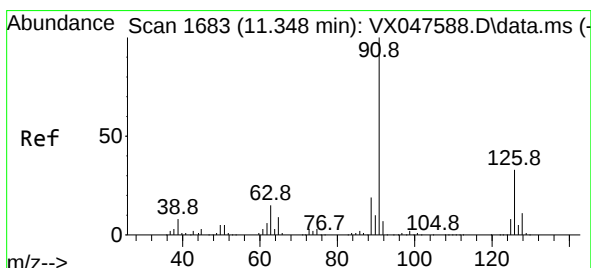
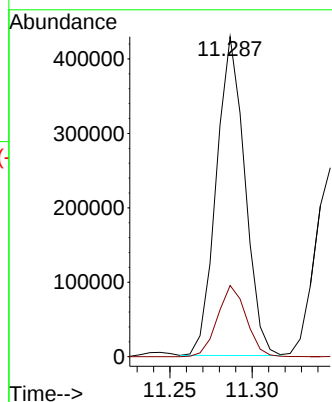
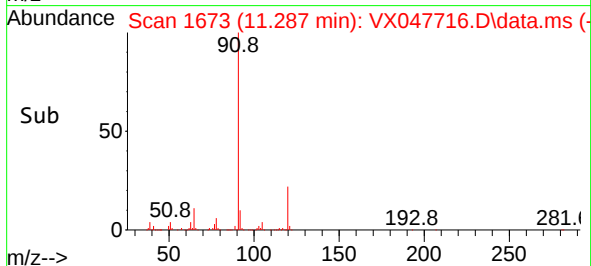
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



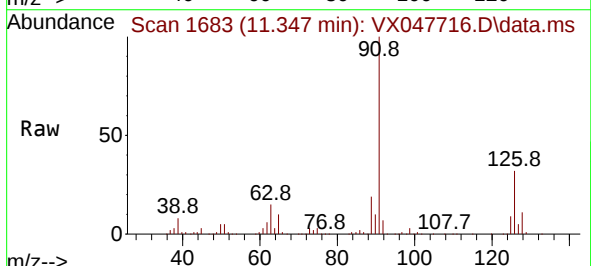
Tgt Ion: 91 Resp: 516715
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1

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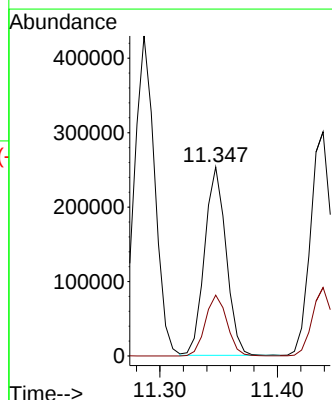
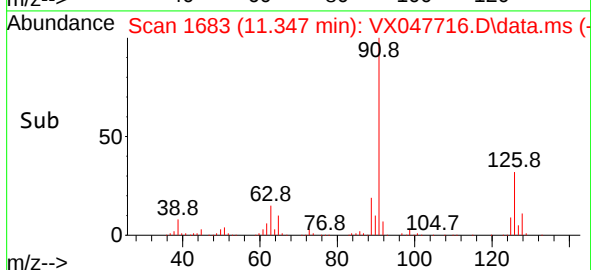
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

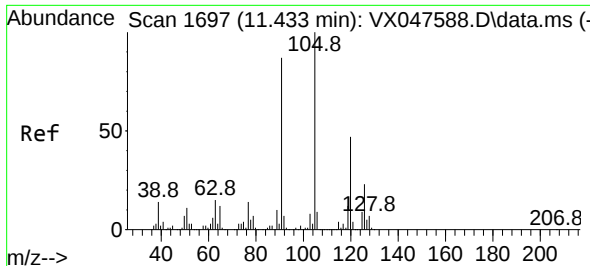


#79
2-Chlorotoluene
Concen: 46.712 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



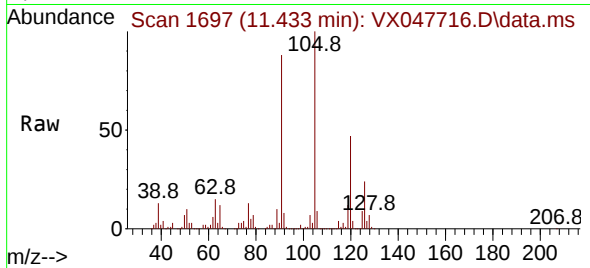
Tgt Ion: 91 Resp: 322164
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3





#80
1,3,5-Trimethylbenzene
Concen: 46.952 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

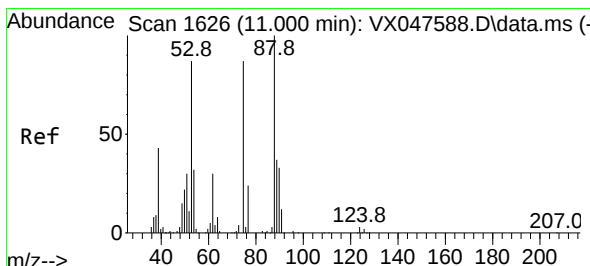
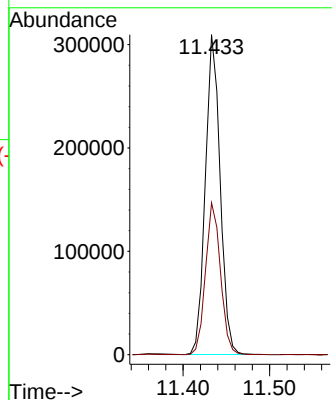
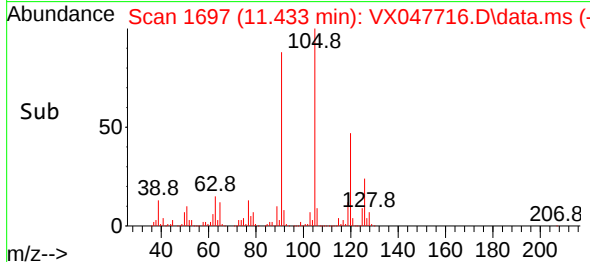
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion:105 Resp: 367456
Ion Ratio Lower Upper
105 100
120 48.2 23.6 70.8

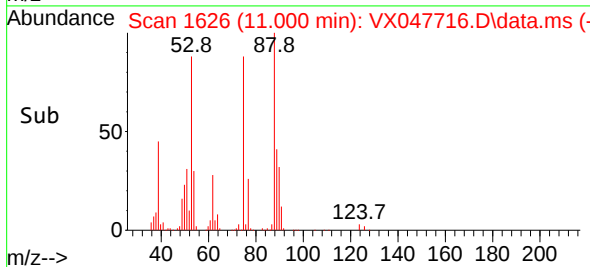
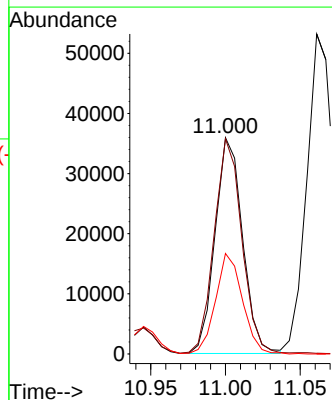
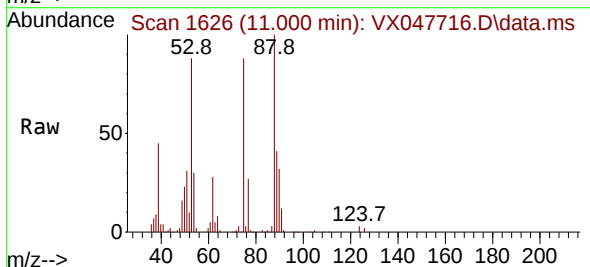
Manual Integrations
APPROVED

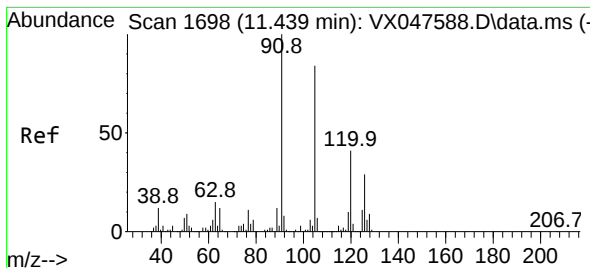
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 45.992 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

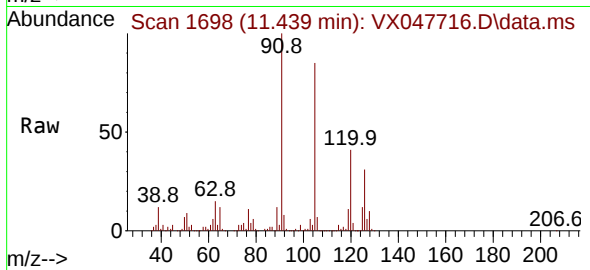
Tgt Ion: 75 Resp: 45752
Ion Ratio Lower Upper
75 100
53 101.7 83.4 125.2
89 45.7 36.3 54.5





#82
4-Chlorotoluene
Concen: 46.702 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

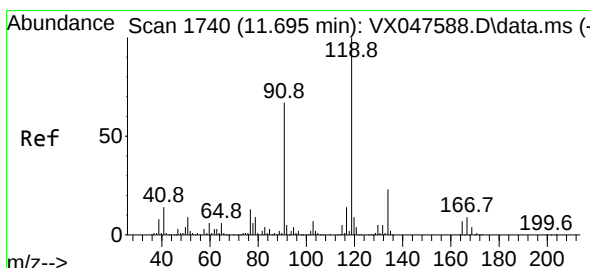
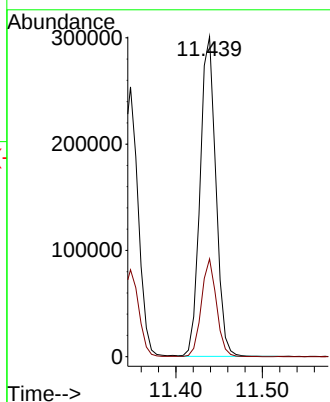
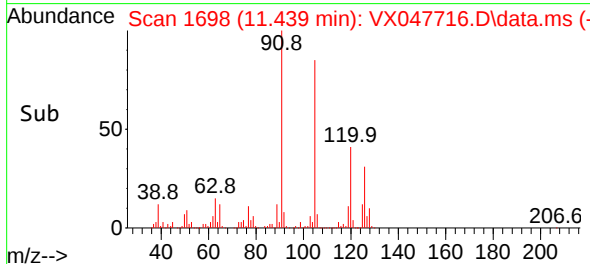
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



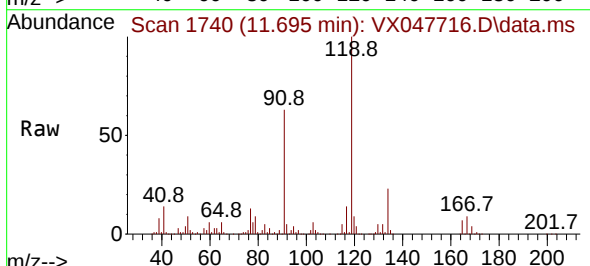
Tgt Ion: 91 Resp: 380410
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6

Manual Integrations
APPROVED

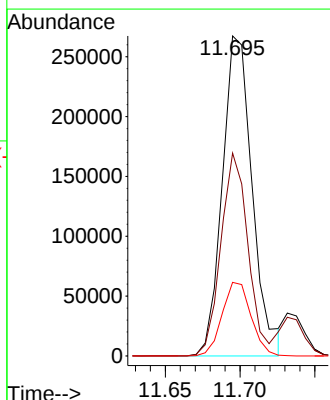
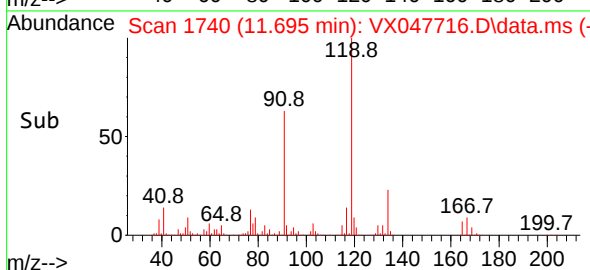
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

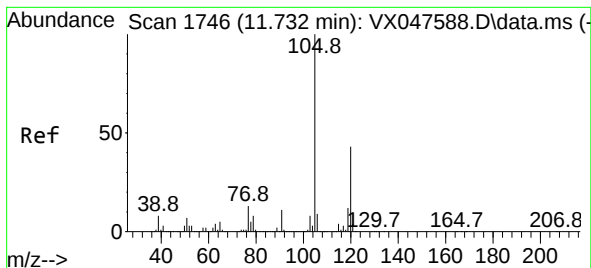


#83
tert-Butylbenzene
Concen: 46.442 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



Tgt Ion:119 Resp: 372073
Ion Ratio Lower Upper
119 100
91 57.3 29.6 88.8
134 22.3 11.0 33.0





#84

1,2,4-Trimethylbenzene

Concen: 46.849 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX047716.D

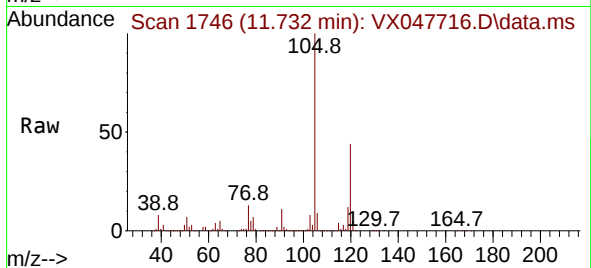
Acq: 22 Sep 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MSD



Tgt Ion:105 Resp: 371720

Ion Ratio Lower Upper

105 100

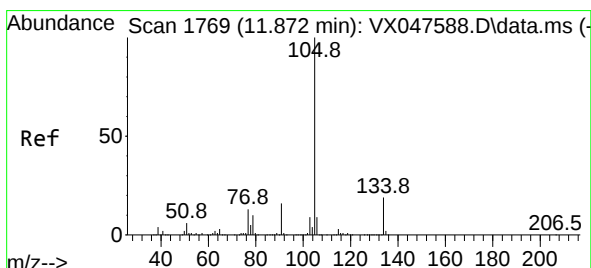
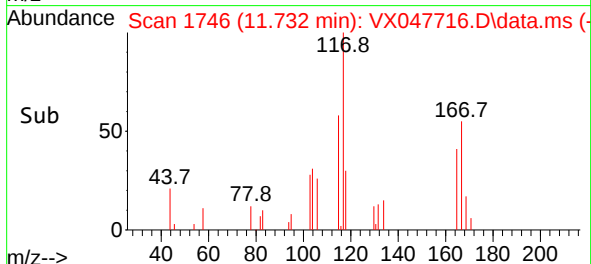
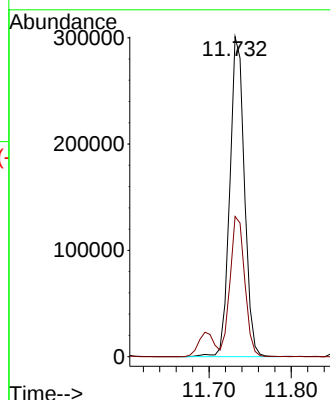
120 44.0 22.1 66.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#85

sec-Butylbenzene

Concen: 45.710 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX047716.D

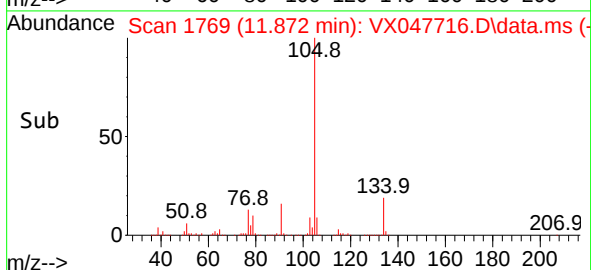
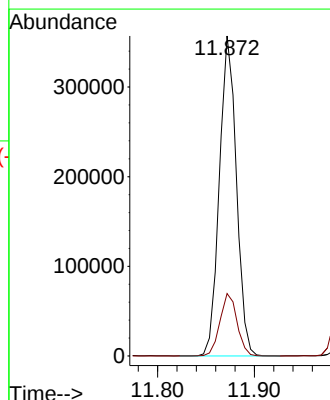
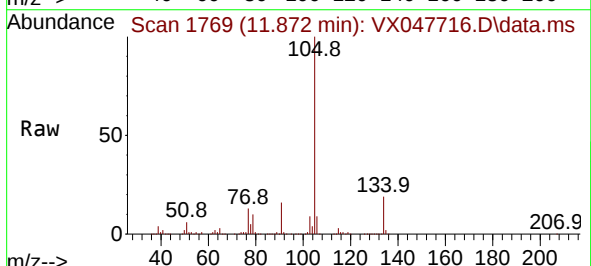
Acq: 22 Sep 2025 19:19

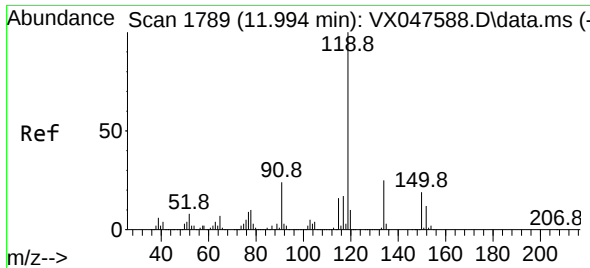
Tgt Ion:105 Resp: 434981

Ion Ratio Lower Upper

105 100

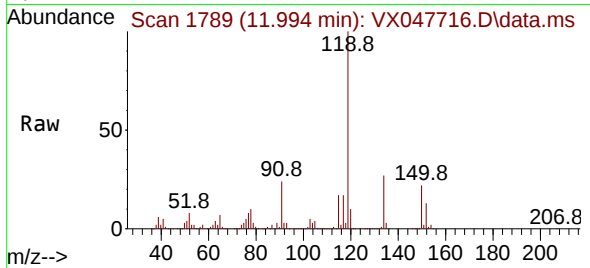
134 19.7 9.8 29.5





#86
p-Isopropyltoluene
Concen: 45.425 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

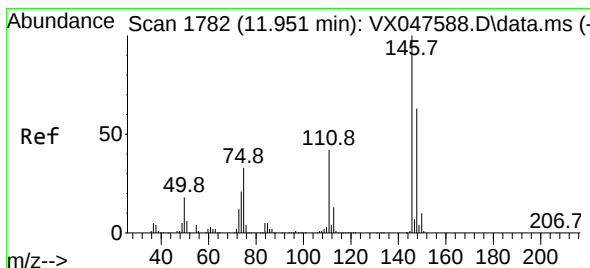
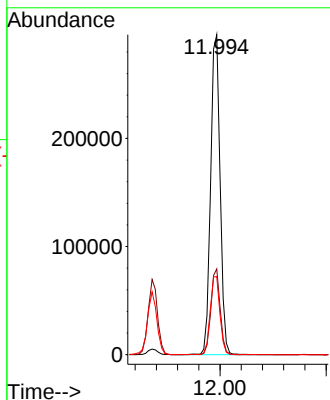
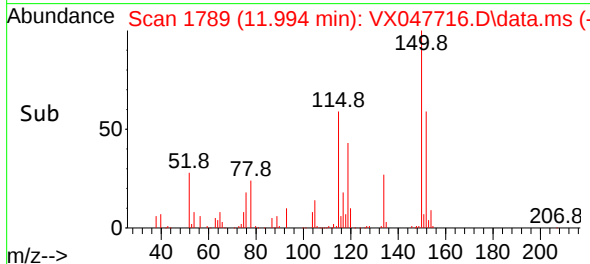
Instrument : MSVOA_X
ClientSampleId : RE103D2-20250911MSD



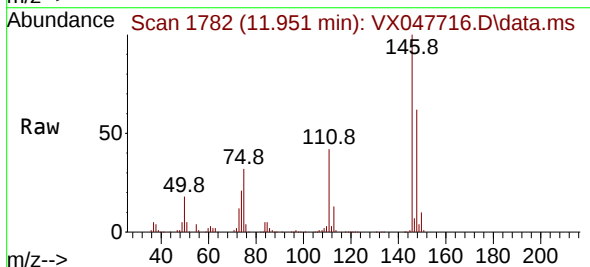
Tgt Ion:119 Resp: 365960
Ion Ratio Lower Upper
119 100
134 26.2 12.6 37.8
91 25.0 12.6 37.6

Manual Integrations
APPROVED

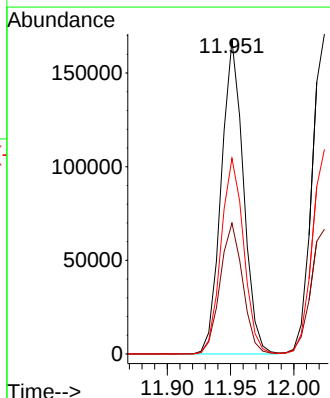
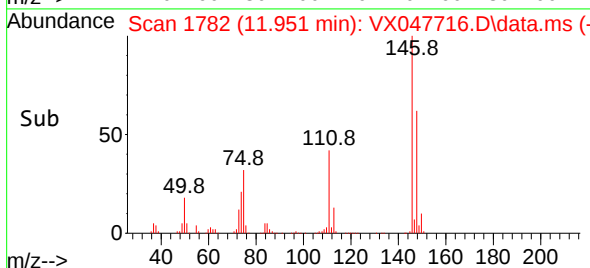
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

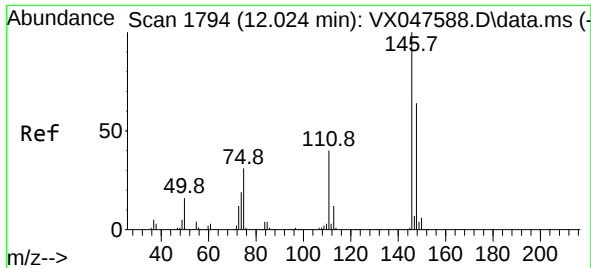


#87
1,3-Dichlorobenzene
Concen: 46.773 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



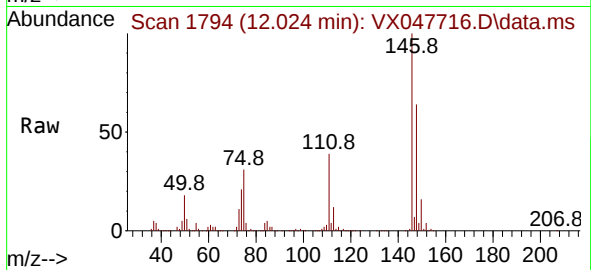
Tgt Ion:146 Resp: 203823
Ion Ratio Lower Upper
146 100
111 42.7 21.5 64.5
148 63.8 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 46.761 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

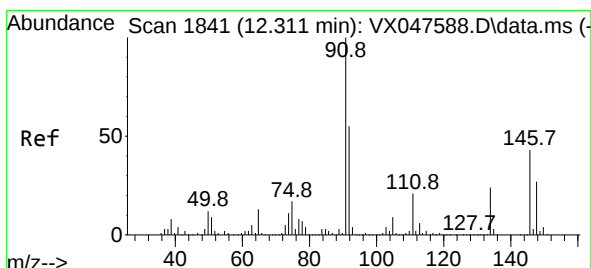
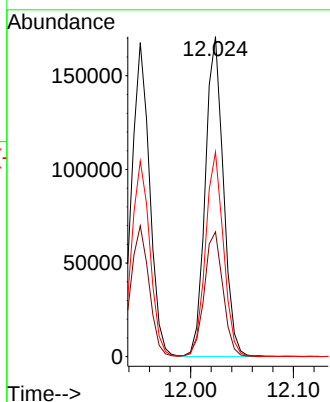
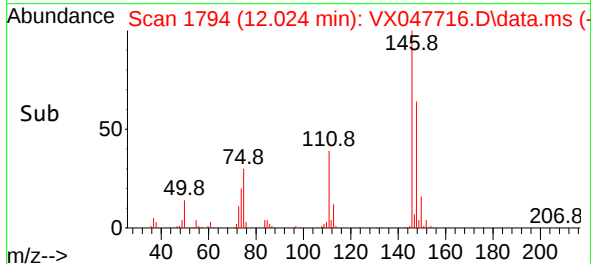
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



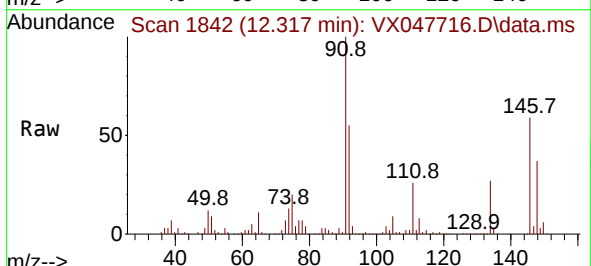
Tgt Ion:146 Resp: 209139
Ion Ratio Lower Upper
146 100
111 40.5 20.8 62.4
148 63.5 31.7 95.1

Manual Integrations
APPROVED

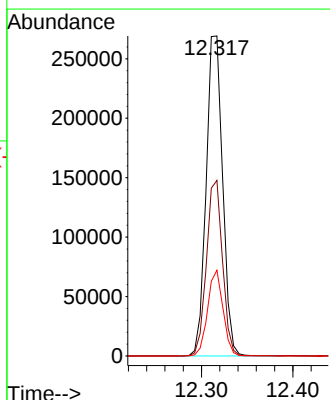
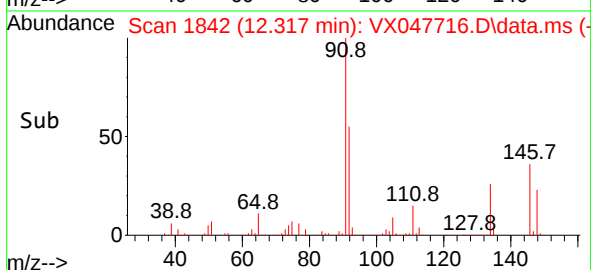
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

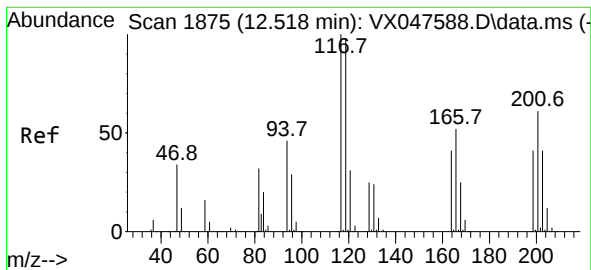


#89
n-Butylbenzene
Concen: 45.146 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19



Tgt Ion: 91 Resp: 336544
Ion Ratio Lower Upper
91 100
92 53.4 27.6 82.7
134 25.0 12.6 37.8





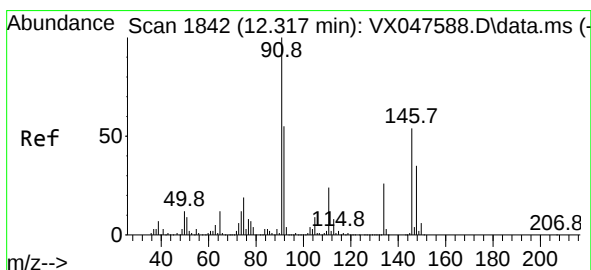
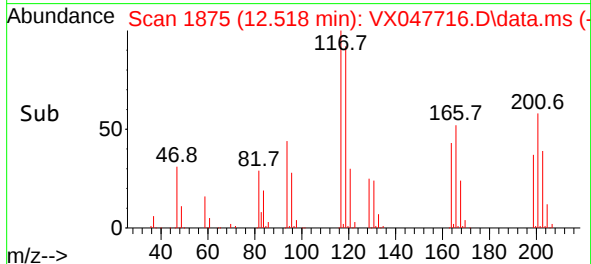
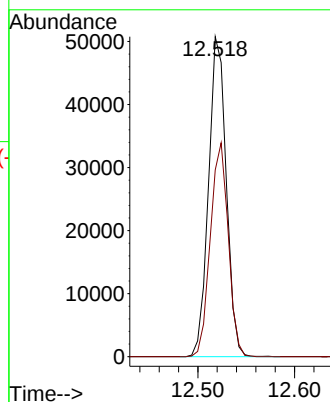
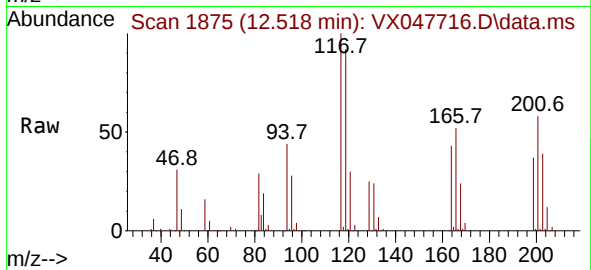
#90
Hexachloroethane
Concen: 45.775 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD

Tgt Ion:117 Resp: 64740
Ion Ratio Lower Upper
117 100
201 67.4 34.2 102.5

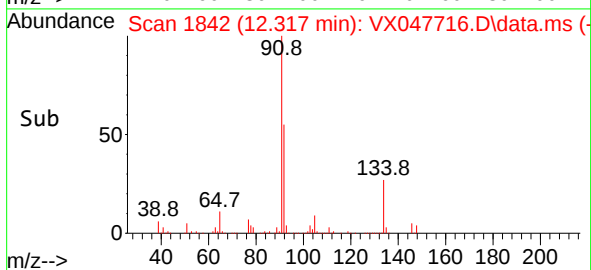
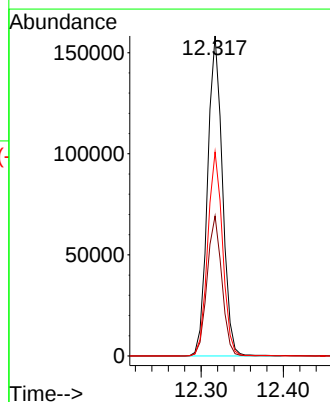
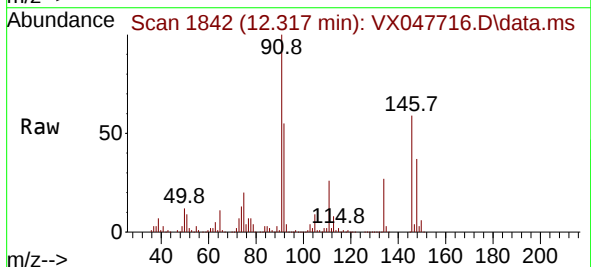
Manual Integrations
APPROVED

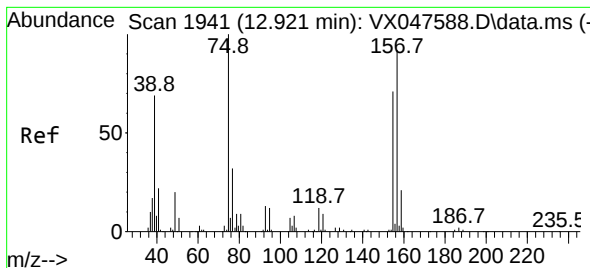
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#91
1,2-Dichlorobenzene
Concen: 47.743 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

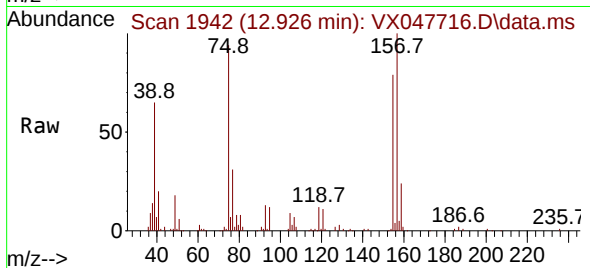
Tgt Ion:146 Resp: 198212
Ion Ratio Lower Upper
146 100
111 43.5 22.2 66.6
148 63.6 31.8 95.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 49.514 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

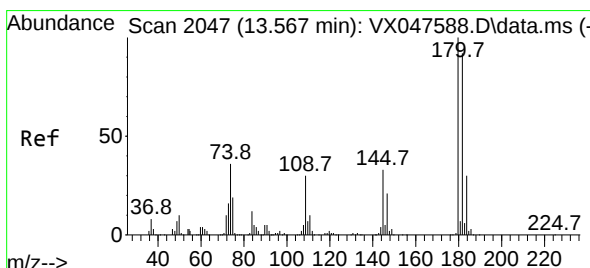
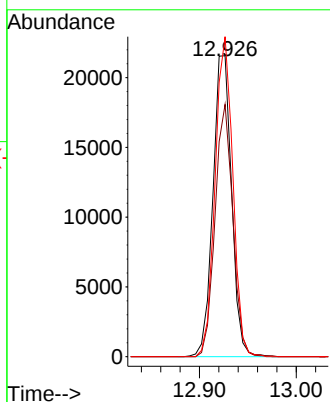
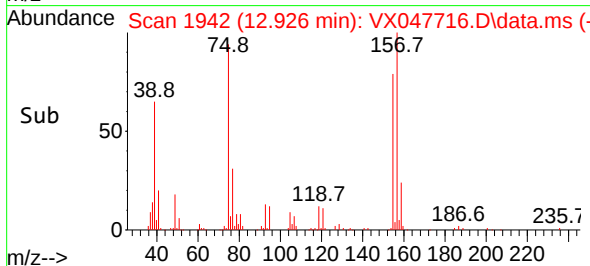
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20250911MSD



Tgt Ion: 75 Resp: 2889
Ion Ratio Lower Upper
75 100
155 80.0 37.7 113.1
157 100.9 49.8 149.4

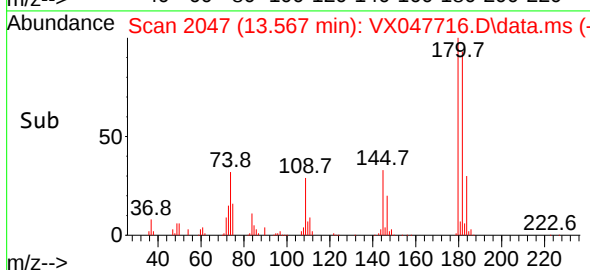
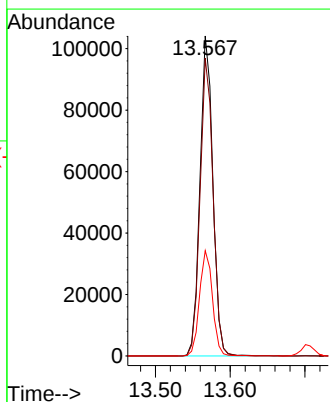
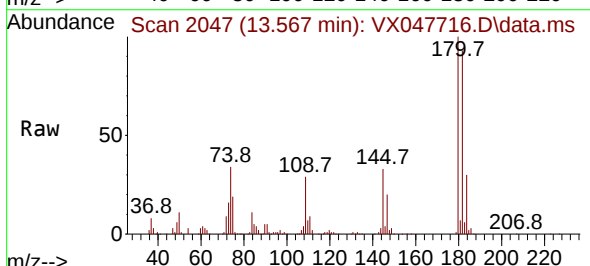
Manual Integrations
APPROVED

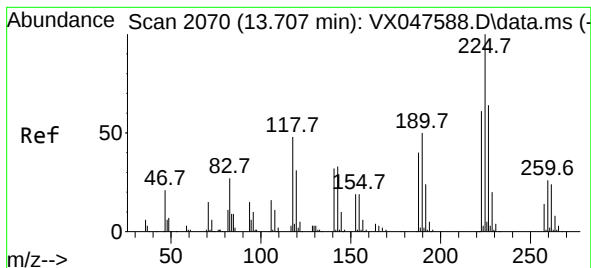
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#93
1,2,4-Trichlorobenzene
Concen: 46.147 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047716.D
Acq: 22 Sep 2025 19:19

Tgt Ion:180 Resp: 124512
Ion Ratio Lower Upper
180 100
182 94.2 46.6 139.8
145 33.1 16.4 49.1





#94

Hexachlorobutadiene

Concen: 42.087 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20250911MSD

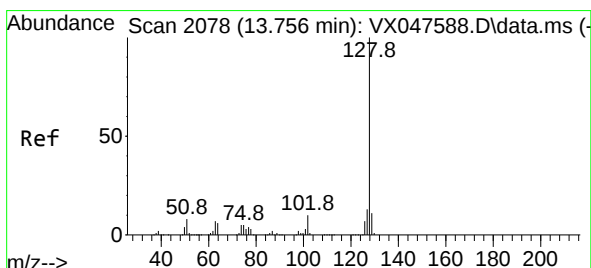
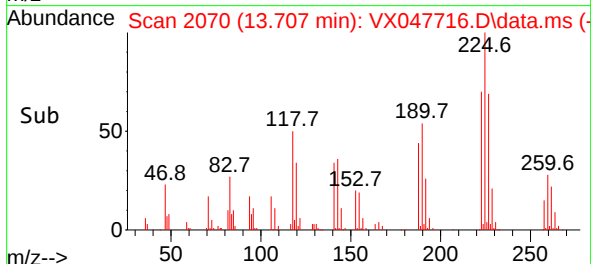
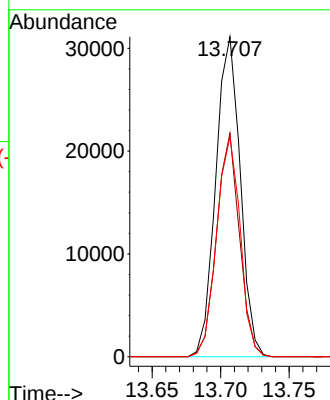
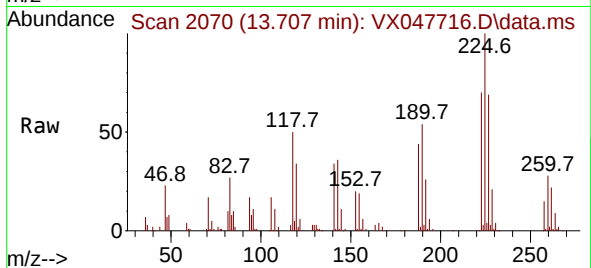
Tgt Ion:	225	Resp:	3857
Ion Ratio	Lower	Upper	
225	100		
223	65.2	31.7	95.1
227	66.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#95

Naphthalene

Concen: 49.503 ug/l

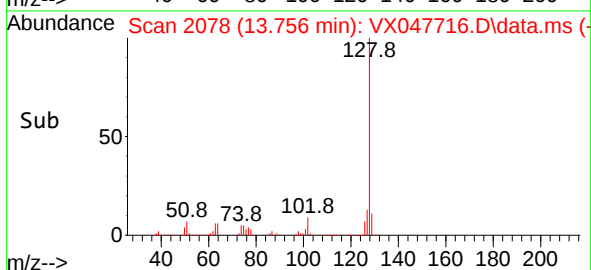
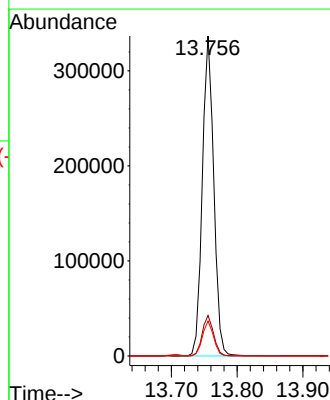
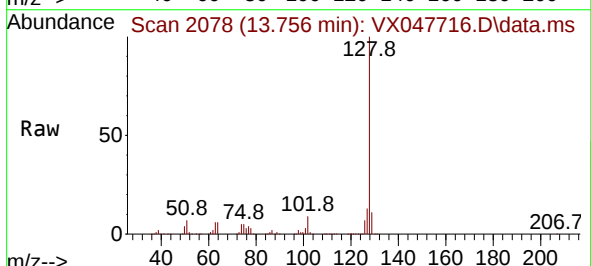
RT: 13.756 min Scan# 2078

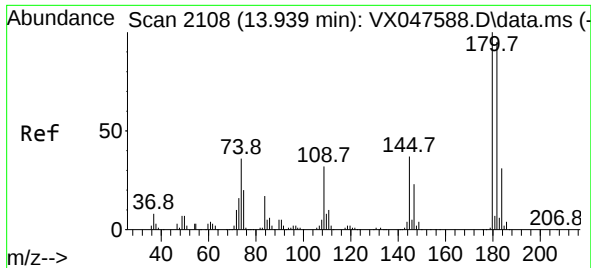
Delta R.T. -0.000 min

Lab File: VX047716.D

Acq: 22 Sep 2025 19:19

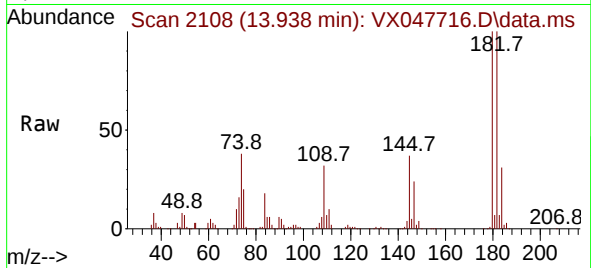
Tgt Ion:	128	Resp:	406725
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	10.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 46.580 ug/l
 RT: 13.938 min Scan# 2108
 Delta R.T. -0.000 min
 Lab File: VX047716.D
 Acq: 22 Sep 2025 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20250911MSD



Tgt Ion:180 Resp: 116912
 Ion Ratio Lower Upper
 180 100
 182 96.9 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

