

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047795.D
 Acq On : 25 Sep 2025 08:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2025
 Supervised By : Mahesh Dadoda 09/29/2025

Quant Time: Sep 26 01:20:09 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

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	136107	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	245940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	107538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	111151	51.305	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.600%			
35) Dibromofluoromethane	5.367	113	86395	52.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.760%			
50) Toluene-d8	8.629	98	290687	50.933	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.860%			
62) 4-Bromofluorobenzene	11.061	95	108988	50.317	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	85355	60.561	ug/l	98
3) Chloromethane	1.301	50	107444	58.004	ug/l	100
4) Vinyl Chloride	1.380	62	105978	58.447	ug/l	99
5) Bromomethane	1.611	94	64102	55.750	ug/l	100
6) Chloroethane	1.691	64	67339	55.564	ug/l	99
7) Trichlorofluoromethane	1.892	101	147449	54.767	ug/l	100
8) Diethyl Ether	2.136	74	61356	55.711	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	84112	53.429	ug/l	99
10) Methyl Iodide	2.453	142	131184	53.431	ug/l	99
11) Tert butyl alcohol	2.941	59	67880	281.323	ug/l	99
12) 1,1-Dichloroethene	2.319	96	90179	55.766	ug/l	99
13) Acrolein	2.233	56	64908	291.917	ug/l	99
14) Allyl chloride	2.660	41	163527	49.005	ug/l	96
15) Acrylonitrile	3.056	53	281907	315.422	ug/l	98
16) Acetone	2.374	43	228516	242.588	ug/l	96
17) Carbon Disulfide	2.514	76	240263	54.273	ug/l	99
18) Methyl Acetate	2.697	43	134060	63.948	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	328607	55.667	ug/l	97
20) Methylene Chloride	2.788	84	111197	55.767	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	95656	54.943	ug/l	97
22) Diisopropyl ether	3.745	45	356628	55.145	ug/l #	84
23) Vinyl Acetate	3.709	43	1440799	278.368	ug/l	99
24) 1,1-Dichloroethane	3.599	63	186425	54.236	ug/l	99
25) 2-Butanone	4.538	43	337440	287.179	ug/l	96
26) 2,2-Dichloropropane	4.459	77	73225	25.628	ug/l	93
27) cis-1,2-Dichloroethene	4.471	96	116288	54.540	ug/l	93
28) Bromochloromethane	4.879	49	84484	56.300	ug/l	99
29) Tetrahydrofuran	4.983	42	217295	307.408	ug/l	99
30) Chloroform	5.074	83	193461	55.697	ug/l	98
31) Cyclohexane	5.452	56	143723	50.203	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	155394	52.743	ug/l	100
36) 1,1-Dichloropropene	5.672	75	119329	49.510	ug/l	98
37) Ethyl Acetate	4.690	43	144473	55.984	ug/l	98
38) Carbon Tetrachloride	5.660	117	132383	50.553	ug/l	95
39) Methylcyclohexane	7.360	83	130264	47.613	ug/l	98
40) Benzene	6.019	78	393020	53.689	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	77739	58.352	ug/l	99
42) 1,2-Dichloroethane	6.068	62	146101	52.455	ug/l	98
43) Isopropyl Acetate	6.318	43	231987	54.813	ug/l	99
44) Trichloroethene	7.104	130	93408	52.779	ug/l	97
45) 1,2-Dichloropropane	7.409	63	102723	54.802	ug/l	99
46) Dibromomethane	7.562	93	73128	53.611	ug/l	95
47) Bromodichloromethane	7.806	83	150738	53.552	ug/l	99
48) Methyl methacrylate	7.677	41	117391	55.683	ug/l	98
49) 1,4-Dioxane	7.641	88	28456	1335.620	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	695695	296.468	ug/l	100
52) Toluene	8.702	92	236487	52.436	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	133747	46.584	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	147846	48.178	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	95832	55.106	ug/l	99
56) Ethyl methacrylate	9.098	69	153461	56.190	ug/l	97
57) 1,3-Dichloropropane	9.293	76	166700	55.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	397473	300.637	ug/l	100
59) 2-Hexanone	9.415	43	481760	285.853	ug/l	98
60) Dibromochloromethane	9.506	129	110503	55.147	ug/l	99
61) 1,2-Dibromoethane	9.592	107	100623	56.807	ug/l	99
64) Tetrachloroethene	9.256	164	77730	54.134	ug/l	97
65) Chlorobenzene	10.061	112	262625	52.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	91037	52.723	ug/l	99
67) Ethyl Benzene	10.177	91	443118	51.323	ug/l	100
68) m/p-Xylenes	10.287	106	333476	103.770	ug/l	98
69) o-Xylene	10.622	106	162415	52.252	ug/l	97
70) Styrene	10.640	104	286982	52.692	ug/l	98
71) Bromoform	10.781	173	70044	54.326	ug/l #	98
73) Isopropylbenzene	10.945	105	411651	50.350	ug/l	100
74) N-amyl acetate	10.823	43	197362	52.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	136864	55.331	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	108147m	49.670	ug/l	
77) Bromobenzene	11.177	156	104192	51.743	ug/l	96
78) n-propylbenzene	11.287	91	479655	49.629	ug/l	100
79) 2-Chlorotoluene	11.348	91	295615	49.940	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	335426	49.936	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	34506	40.415	ug/l	99
82) 4-Chlorotoluene	11.439	91	346198	49.519	ug/l	99
83) tert-Butylbenzene	11.695	119	328139	47.721	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	342751	50.330	ug/l	99
85) sec-Butylbenzene	11.872	105	399335	48.893	ug/l	99
86) p-Isopropyltoluene	11.988	119	336196	48.621	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	187962	50.255	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	188229	49.035	ug/l	99
89) n-Butylbenzene	12.311	91	299204	46.765	ug/l	99
90) Hexachloroethane	12.518	117	60775	50.062	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	181599	50.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26900	53.714	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	111739	48.251	ug/l	98
94) Hexachlorobutadiene	13.701	225	36360	46.224	ug/l	97
95) Naphthalene	13.756	128	369424	52.388	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	109206	50.695	ug/l	99

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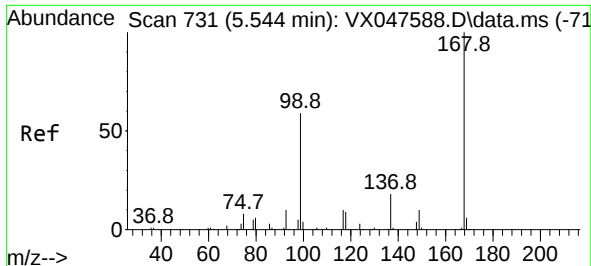
Manual Integrations
APPROVED

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Response via : Initial Calibration

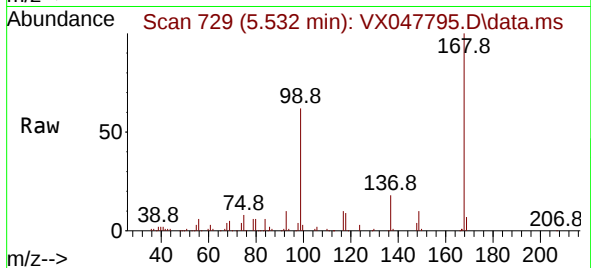
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
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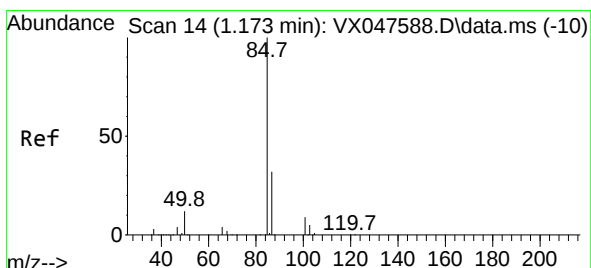
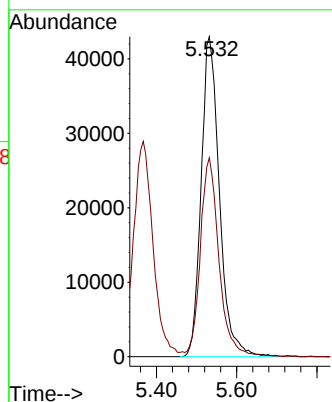
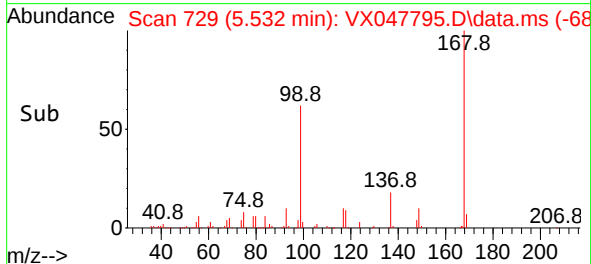
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 13610
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2

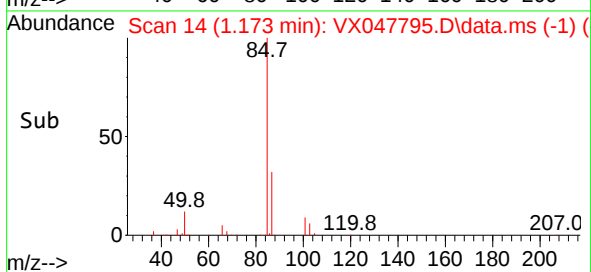
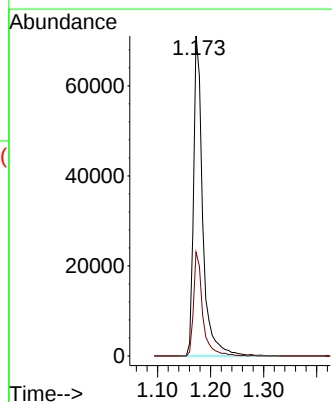
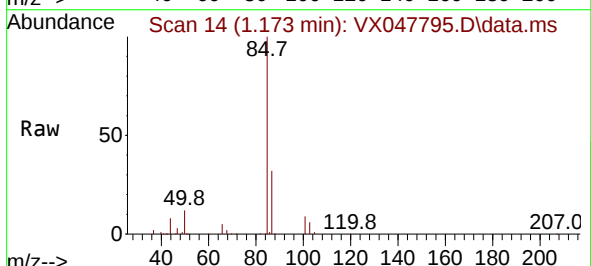
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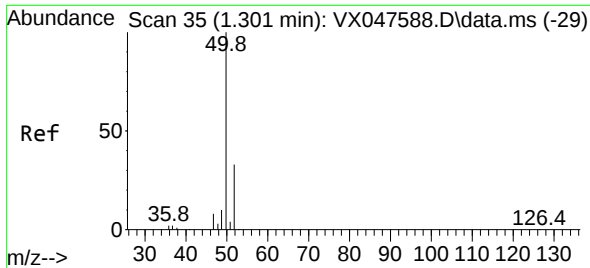
Reviewed By :John Carlone 09/26/2025
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#2
Dichlorodifluoromethane
Concen: 60.561 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 85 Resp: 85355
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.3





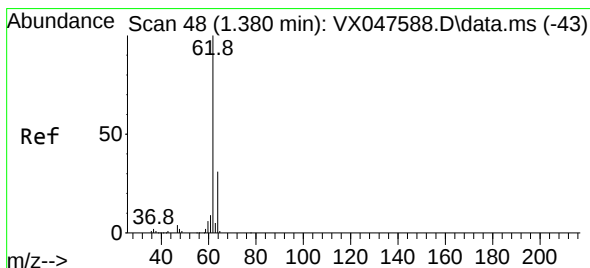
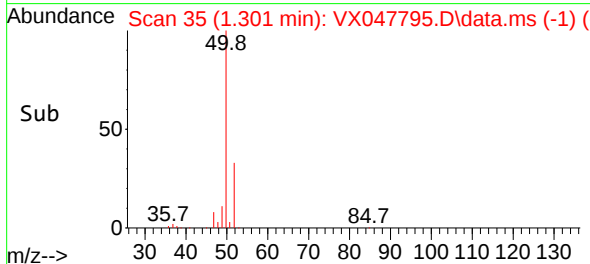
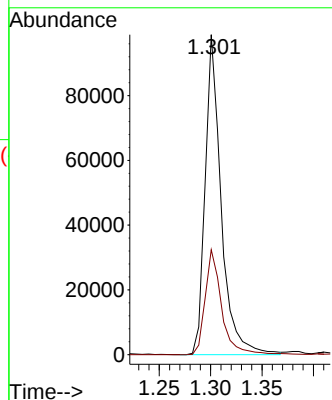
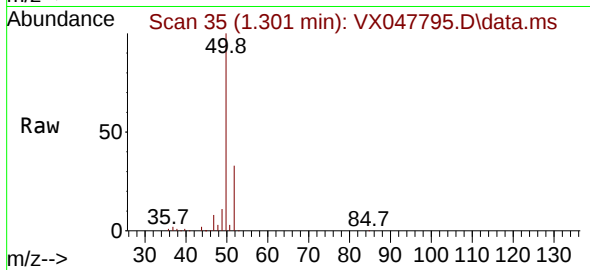
#3
Chloromethane
Concen: 58.004 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
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Tgt Ion: 50 Resp: 10744
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1

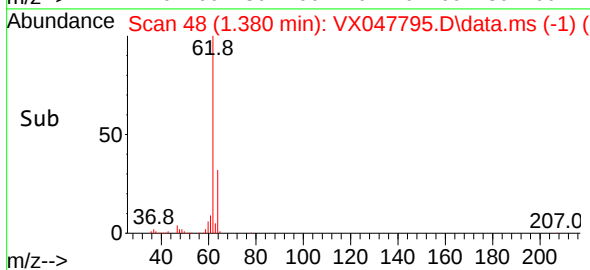
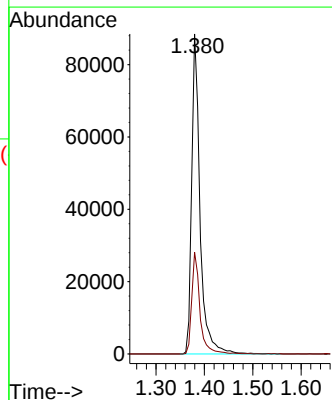
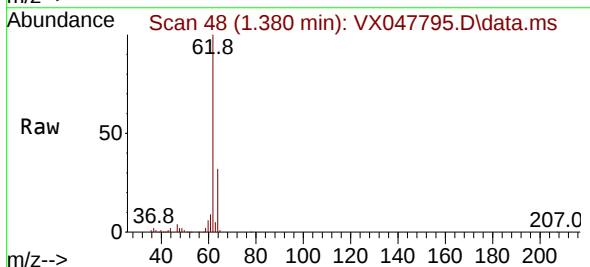
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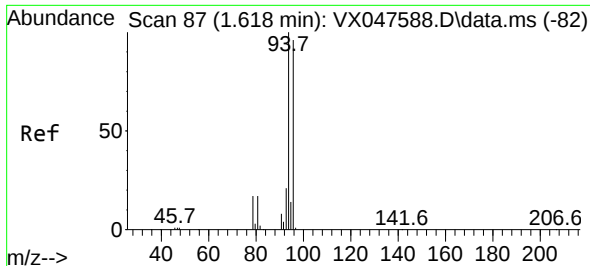
Reviewed By :John Carlone 09/26/2025
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#4
Vinyl Chloride
Concen: 58.447 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

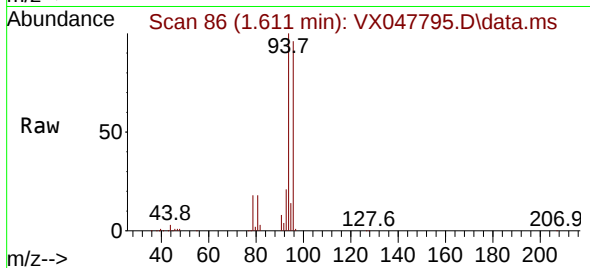
Tgt Ion: 62 Resp: 105978
Ion Ratio Lower Upper
62 100
64 31.8 24.9 37.3





#5
Bromomethane
Concen: 55.750 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

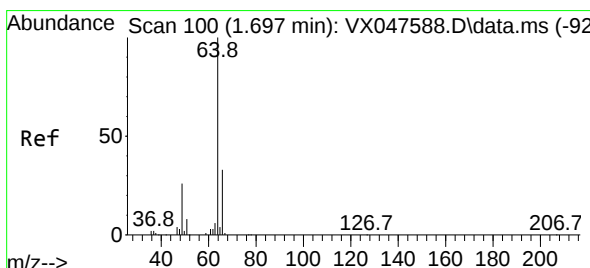
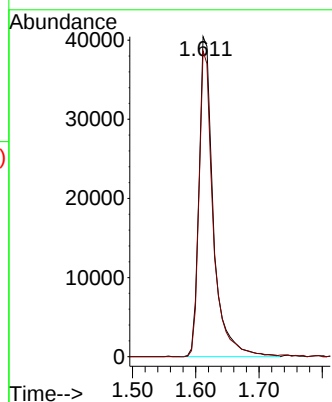
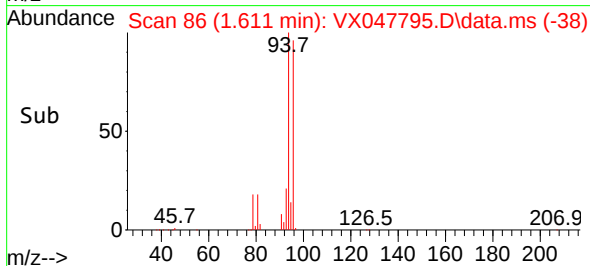
Instrument :
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Tgt Ion: 94 Resp: 6410
Ion Ratio Lower Upper
94 100
96 95.5 76.6 115.0

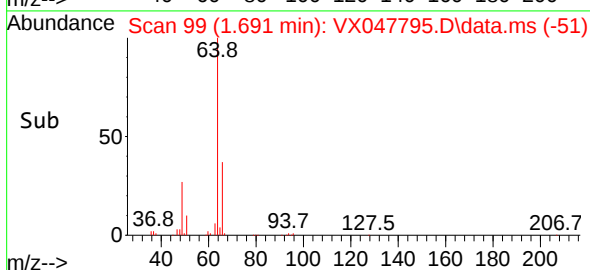
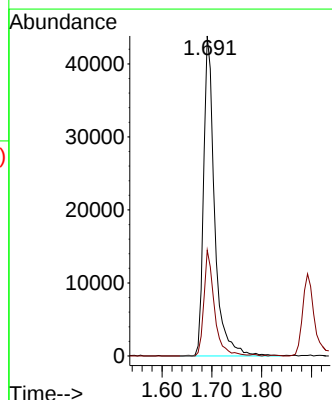
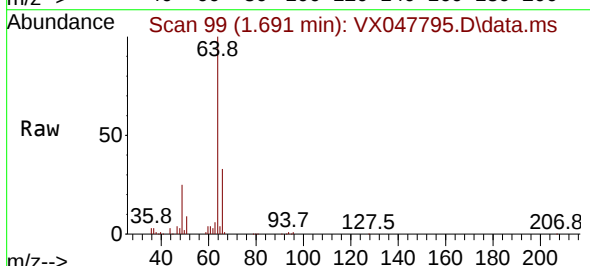
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#6
Chloroethane
Concen: 55.564 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

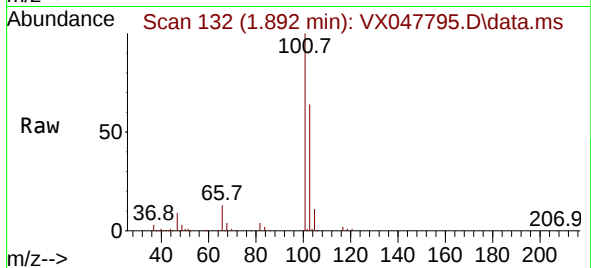
Tgt Ion: 64 Resp: 67339
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1





#7
Trichlorofluoromethane
Concen: 54.767 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

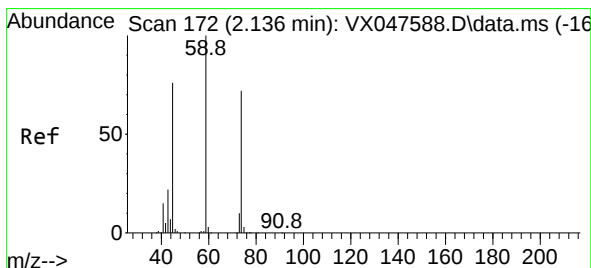
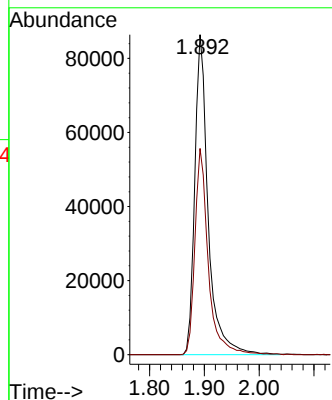
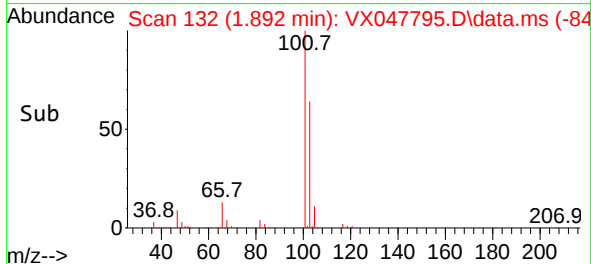
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 147449
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

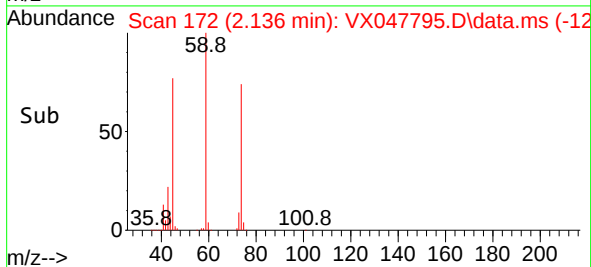
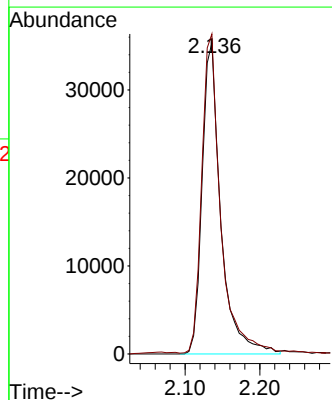
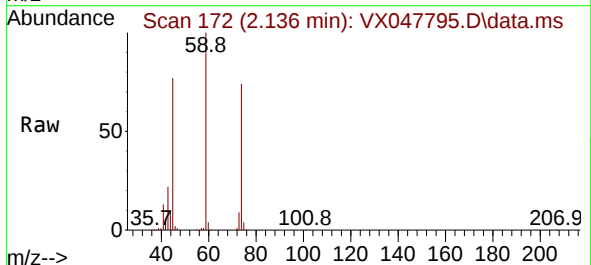
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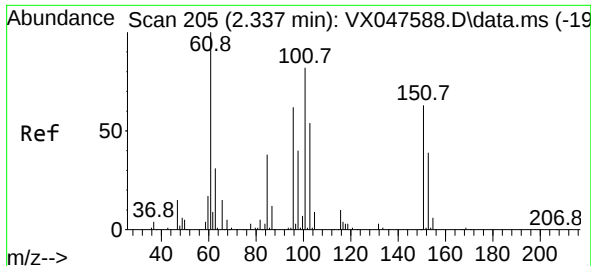
Reviewed By :John Carlone 09/26/2025
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#8
Diethyl Ether
Concen: 55.711 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Acq: 25 Sep 2025 08:56

Tgt Ion: 74 Resp: 61356
Ion Ratio Lower Upper
74 100
45 105.9 52.3 156.8





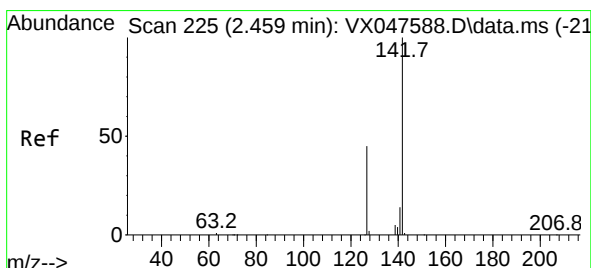
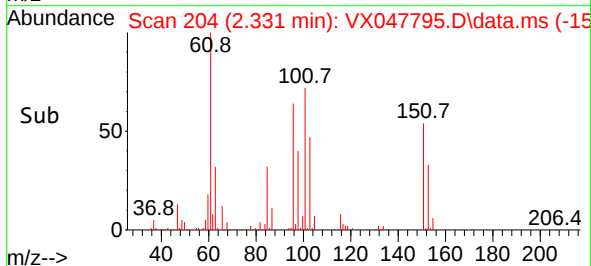
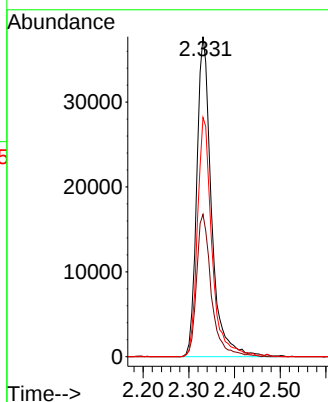
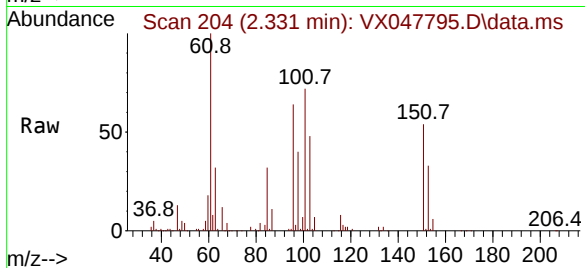
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.429 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047795.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8411
Ion Ratio Lower Upper
101 100
85 44.8 35.5 53.3
151 73.6 59.4 89.0

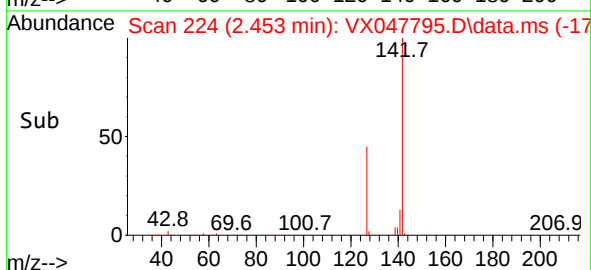
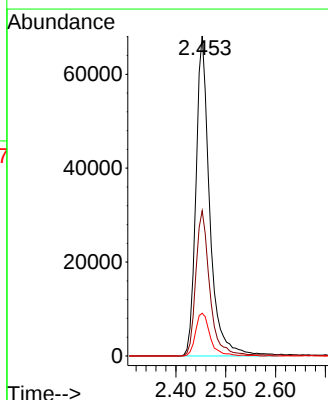
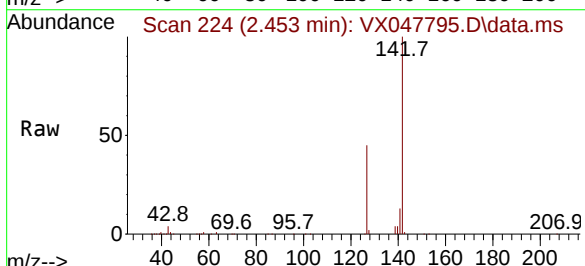
Manual Integrations
APPROVED

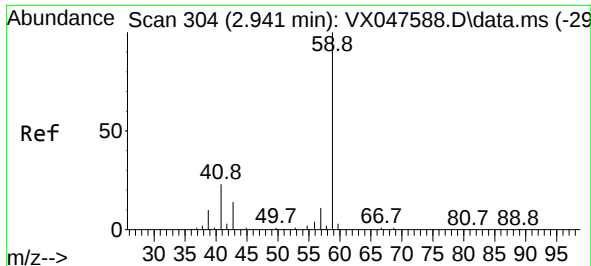
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#10
Methyl Iodide
Concen: 53.431 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:142 Resp: 131184
Ion Ratio Lower Upper
142 100
127 45.9 37.2 55.8
141 14.2 11.4 17.0





#11

Tert butyl alcohol

Concen: 281.323 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.000 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 67880

Ion Ratio Lower Upper

59 100

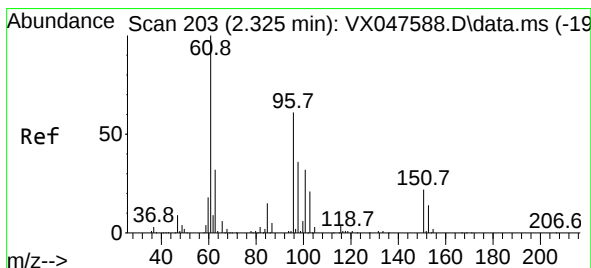
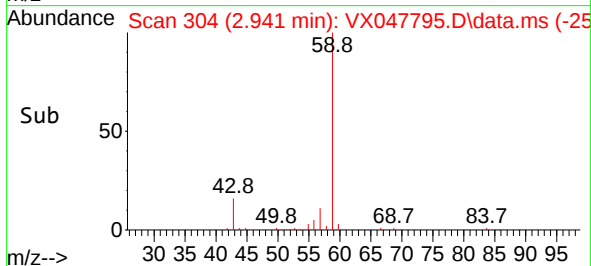
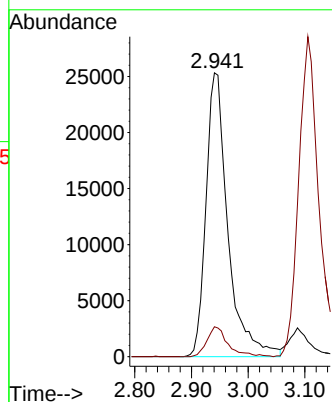
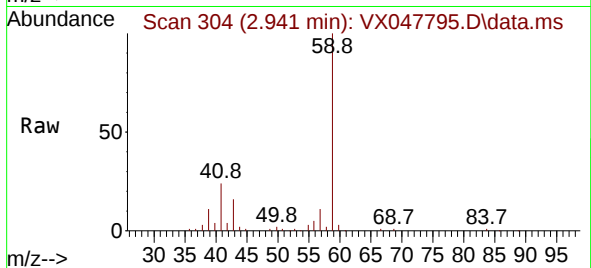
57 10.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#12

1,1-Dichloroethene

Concen: 55.766 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

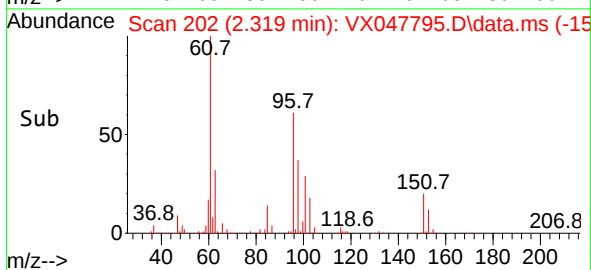
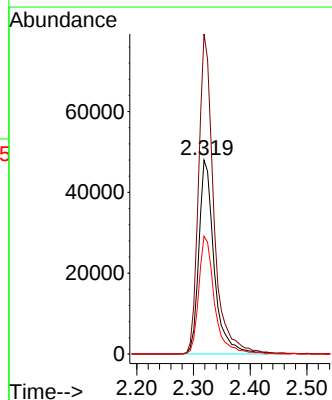
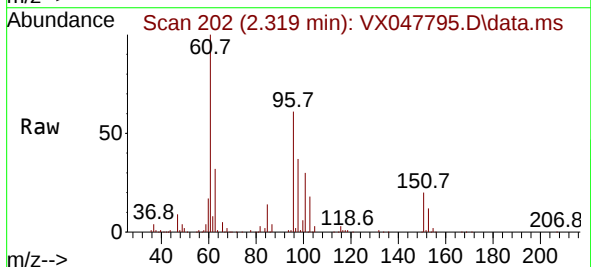
Tgt Ion: 96 Resp: 90179

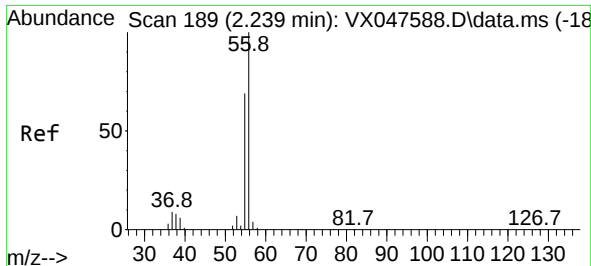
Ion Ratio Lower Upper

96 100

61 165.0 131.0 196.6

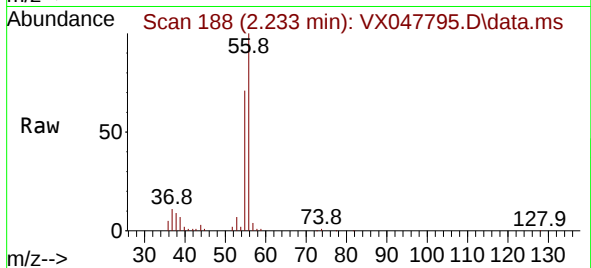
98 60.7 47.7 71.5





#13
Acrolein
Concen: 291.917 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

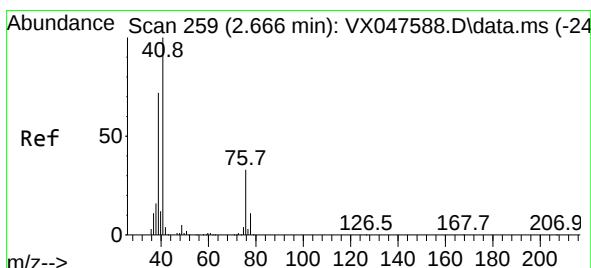
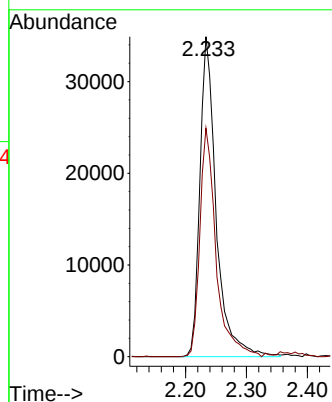
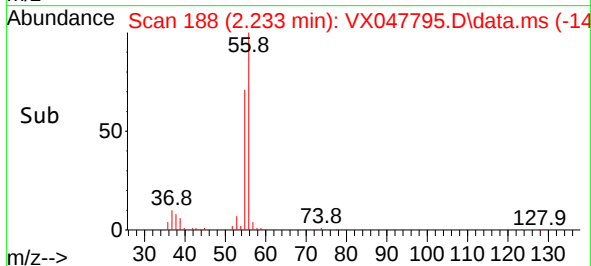
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



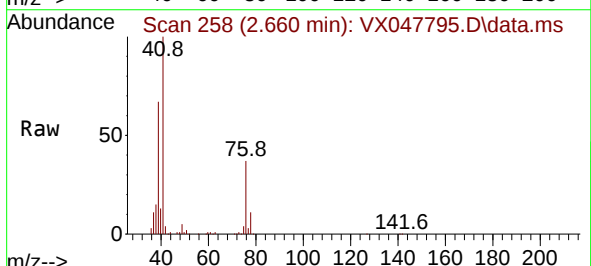
Tgt Ion: 56 Resp: 64908
Ion Ratio Lower Upper
56 100
55 70.9 57.2 85.8

Manual Integrations
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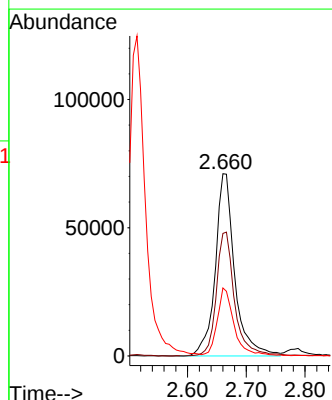
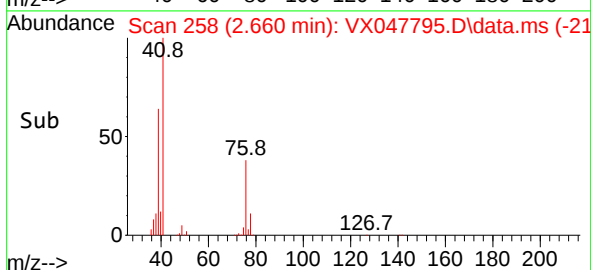
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#14
Allyl chloride
Concen: 49.005 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56



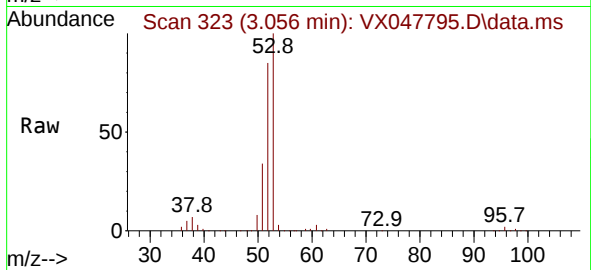
Tgt Ion: 41 Resp: 163527
Ion Ratio Lower Upper
41 100
39 63.9 54.7 82.1
76 32.7 25.7 38.5





#15
Acrylonitrile
Concen: 315.422 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

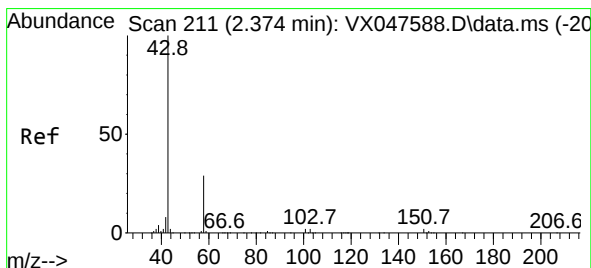
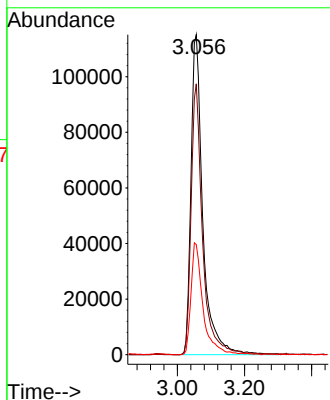
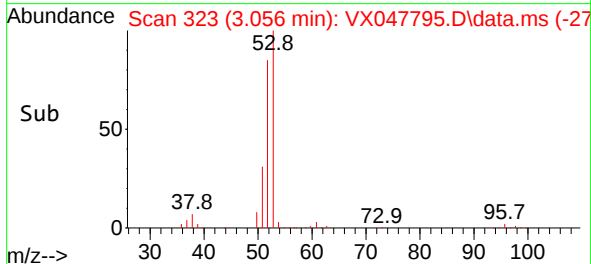
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 28190
Ion Ratio Lower Upper
53 100
52 81.4 66.4 99.6
51 35.7 29.5 44.3

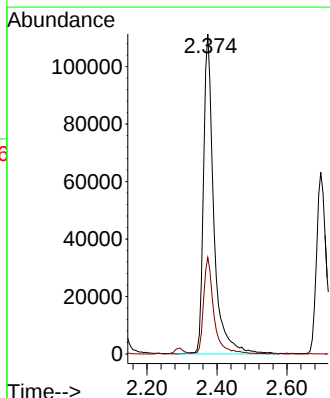
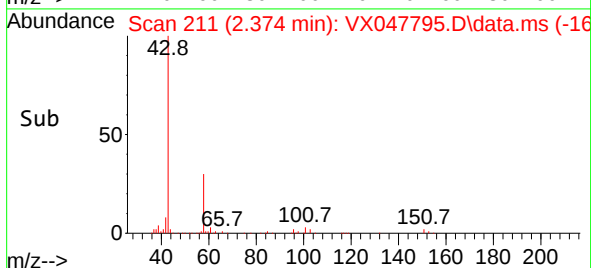
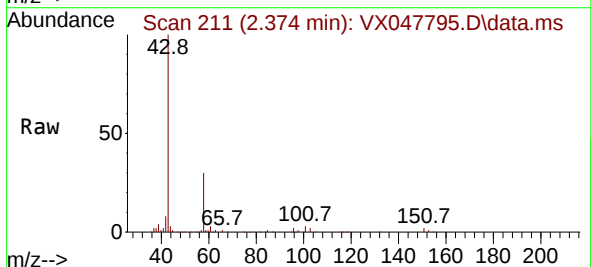
Manual Integrations
APPROVED

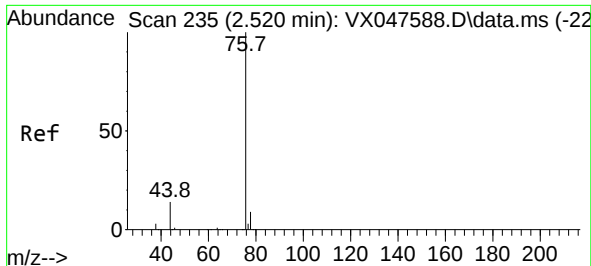
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#16
Acetone
Concen: 242.588 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 228516
Ion Ratio Lower Upper
43 100
58 31.1 23.4 35.0





#17

Carbon Disulfide

Concen: 54.273 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 24026

Ion Ratio Lower Upper

76 100

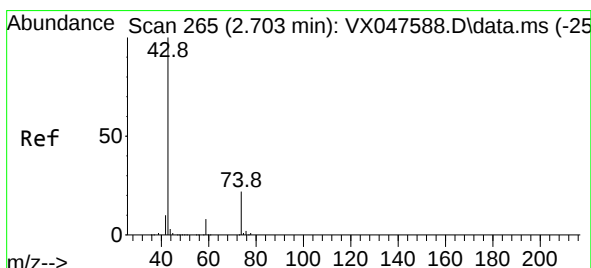
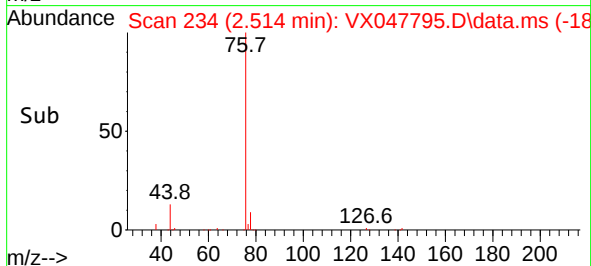
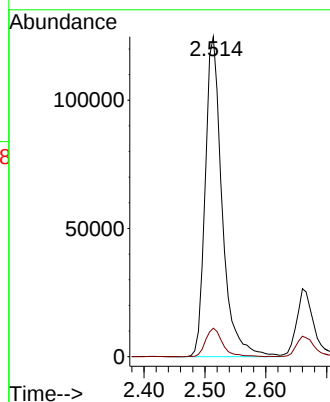
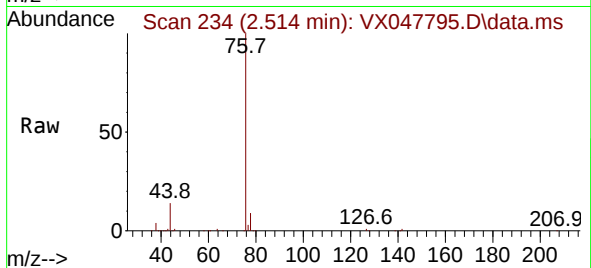
78 8.9 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#18

Methyl Acetate

Concen: 63.948 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX047795.D

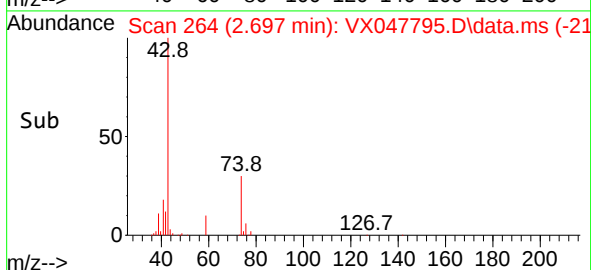
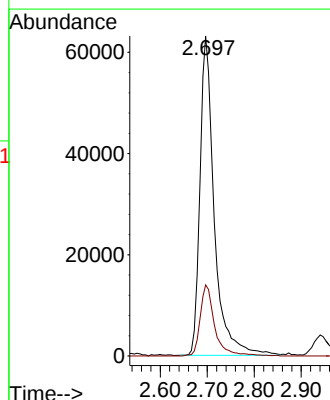
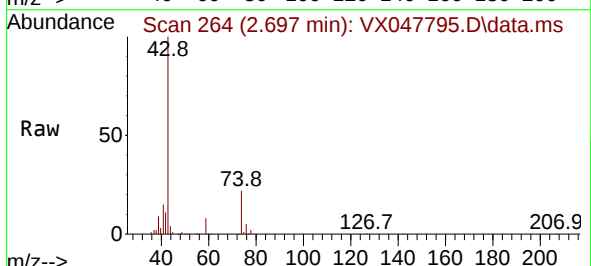
Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 134060

Ion Ratio Lower Upper

43 100

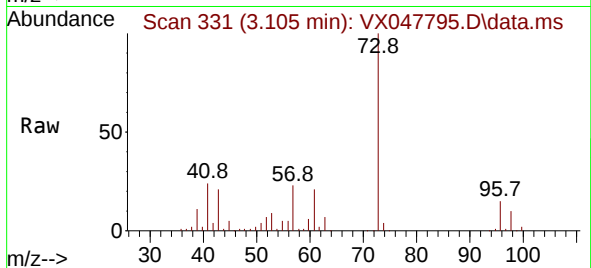
74 22.5 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 55.667 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

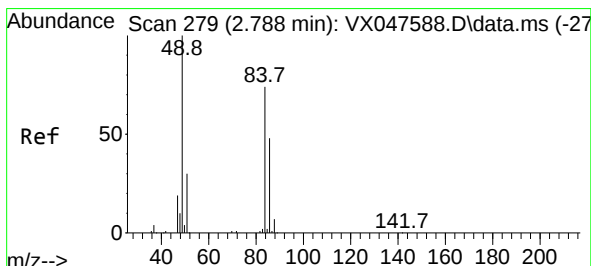
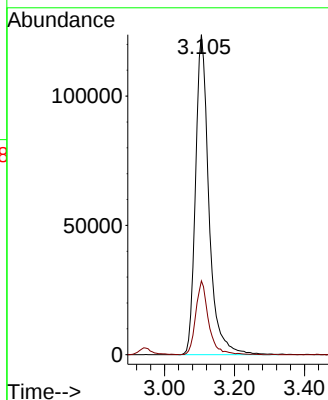
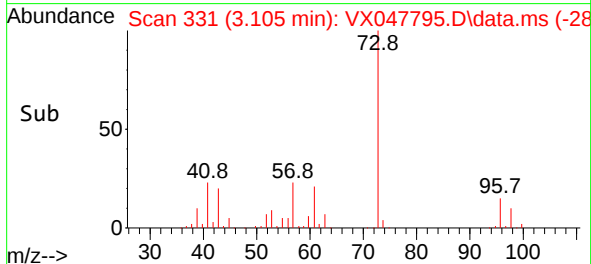
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 32860
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.2

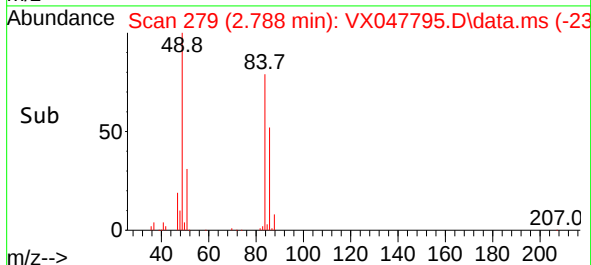
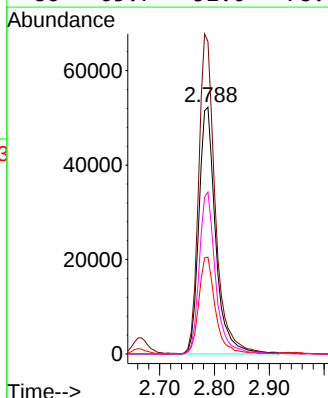
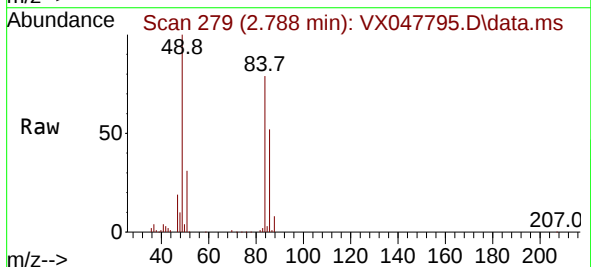
Manual Integrations
APPROVED

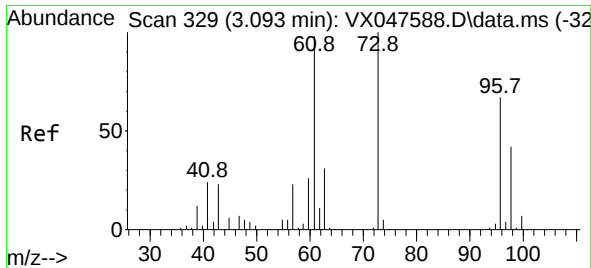
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#20
Methylene Chloride
Concen: 55.767 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

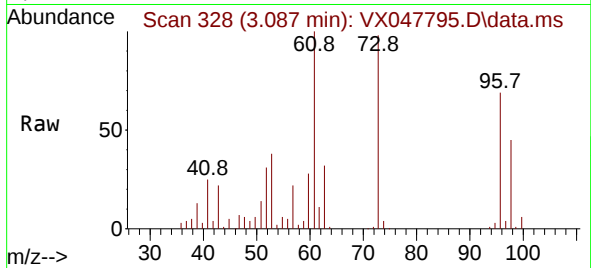
Tgt Ion: 84 Resp: 111197
Ion Ratio Lower Upper
84 100
49 126.4 108.6 162.8
51 39.2 32.6 48.8
86 65.7 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 54.943 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

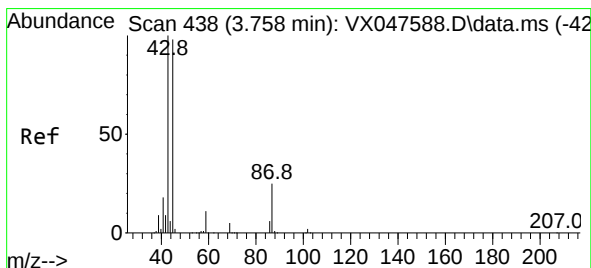
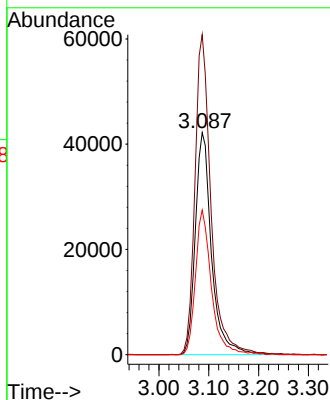
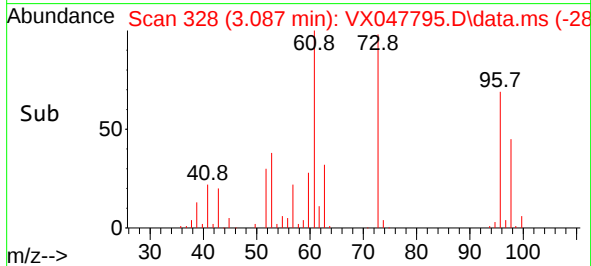
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 95650
Ion Ratio Lower Upper
96 100
61 144.0 116.2 174.2
98 66.6 49.3 73.9

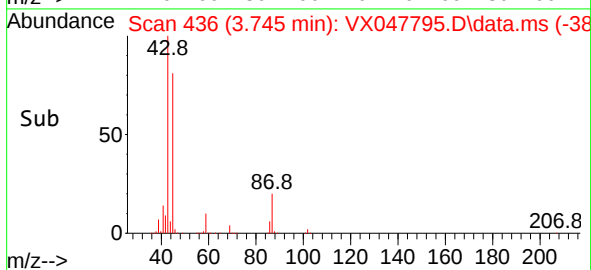
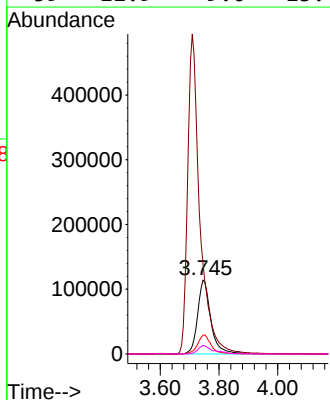
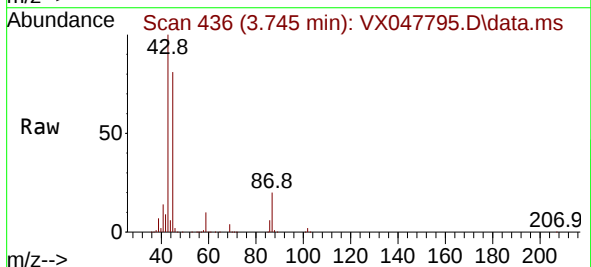
Manual Integrations
APPROVED

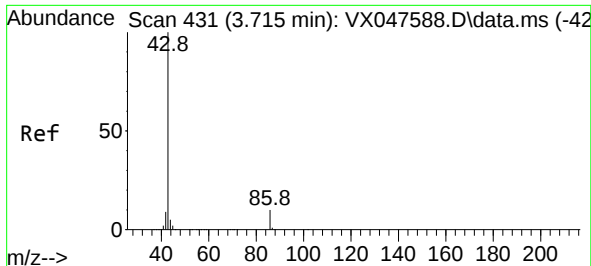
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#22
Diisopropyl ether
Concen: 55.145 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

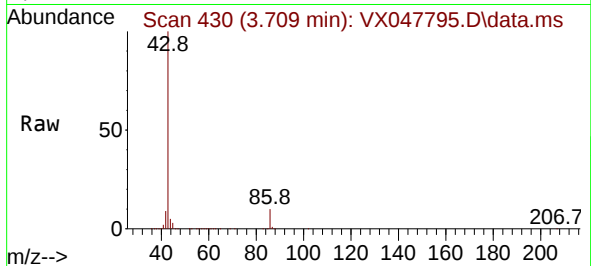
Tgt Ion: 45 Resp: 356628
Ion Ratio Lower Upper
45 100
43 122.6 81.0 121.4#
87 25.2 20.3 30.5
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 278.368 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX047795.D
 Acq: 25 Sep 2025 08:56

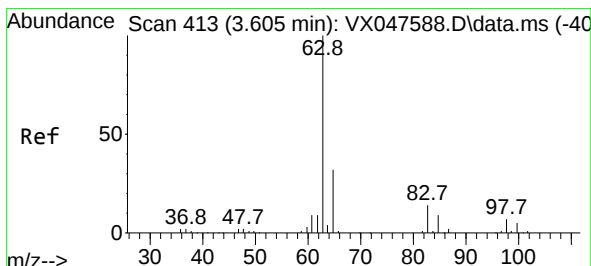
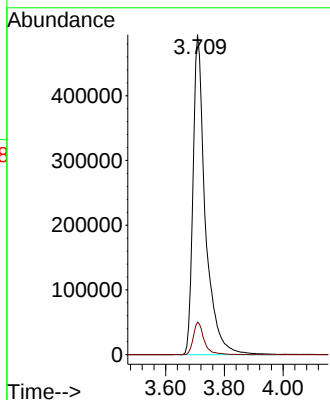
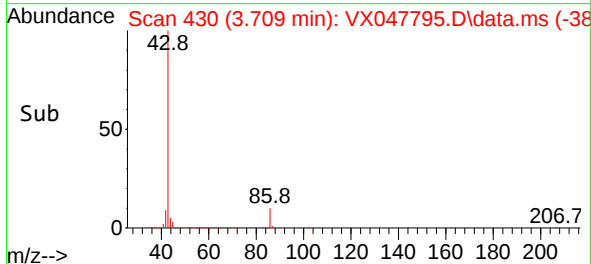
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



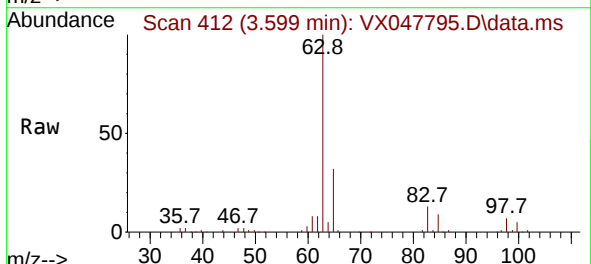
Tgt Ion: 43 Resp: 1440799
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

Manual Integrations
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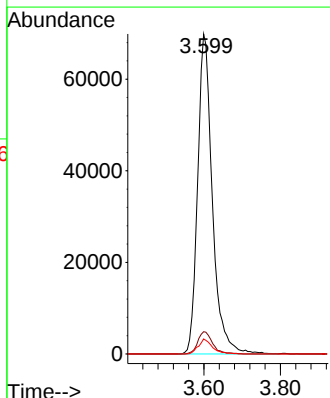
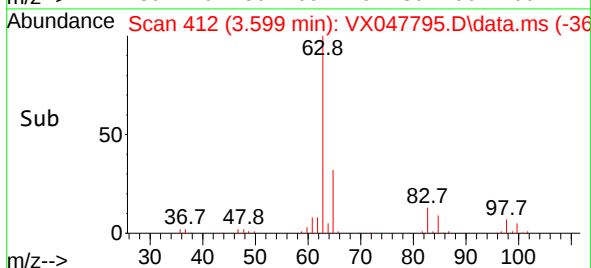
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

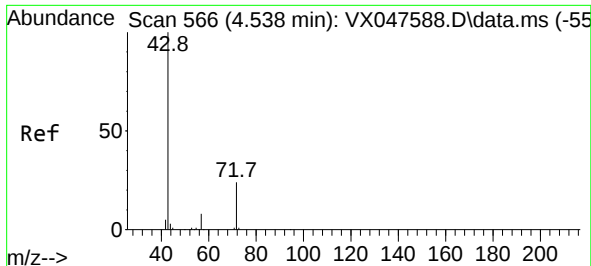


#24
 1,1-Dichloroethane
 Concen: 54.236 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX047795.D
 Acq: 25 Sep 2025 08:56



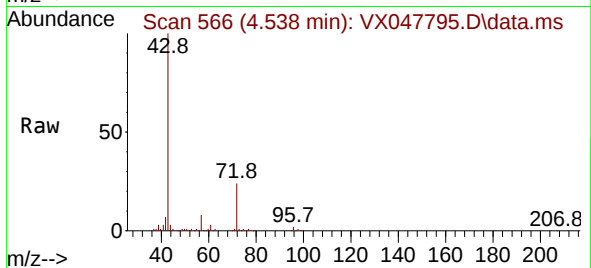
Tgt Ion: 63 Resp: 186425
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.7 2.3 6.9





#25
2-Butanone
Concen: 287.179 ug/l
RT: 4.538 min Scan# 501
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

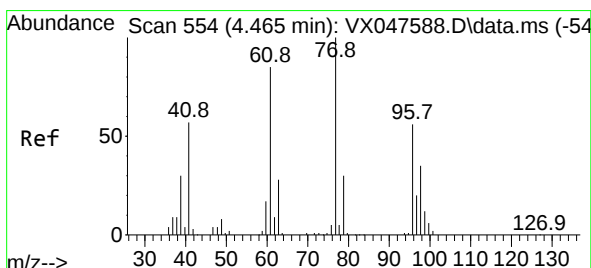
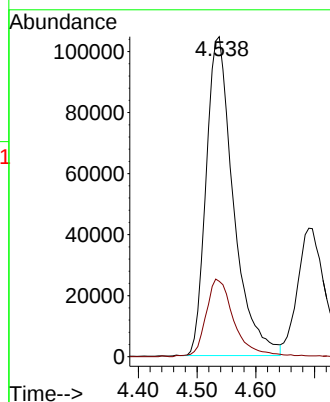
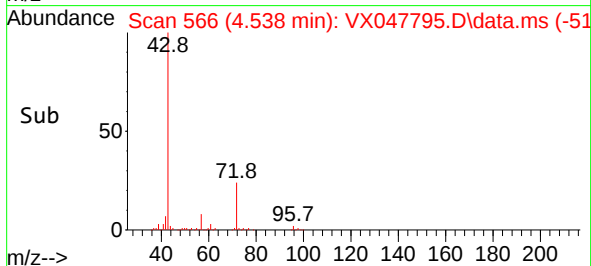
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 337440
Ion Ratio Lower Upper
43 100
72 23.2 20.1 30.1

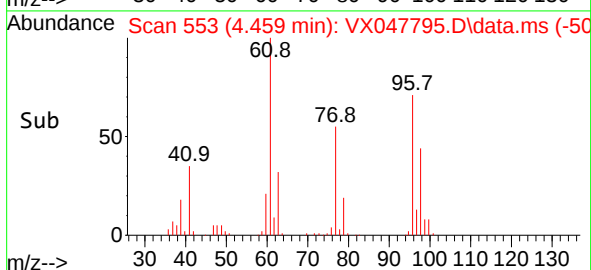
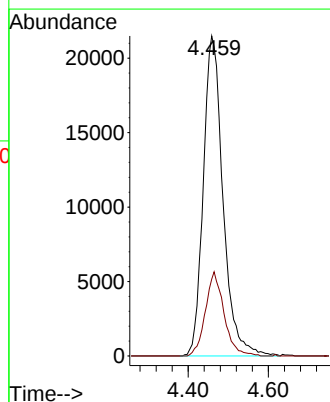
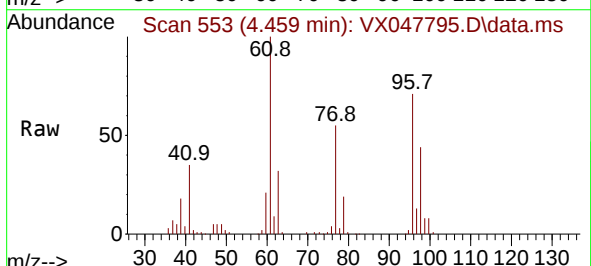
Manual Integrations
APPROVED

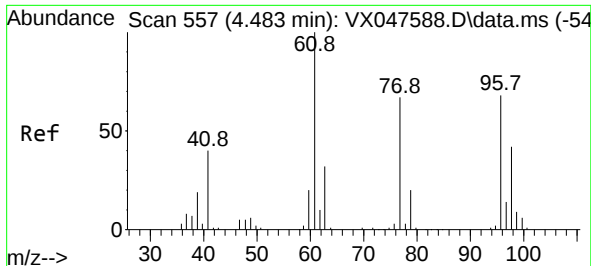
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#26
2,2-Dichloropropane
Concen: 25.628 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 77 Resp: 73225
Ion Ratio Lower Upper
77 100
97 24.9 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 54.540 ug/l

RT: 4.471 min Scan# 511

Delta R.T. -0.012 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 116288

Ion Ratio Lower Upper

96 100

61 138.6 0.0 303.2

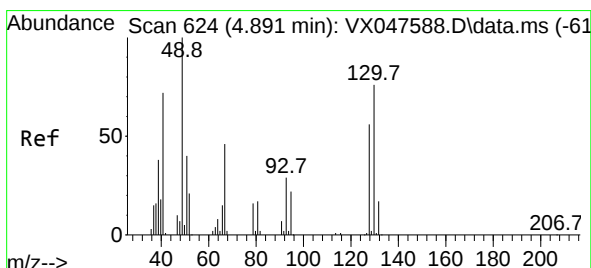
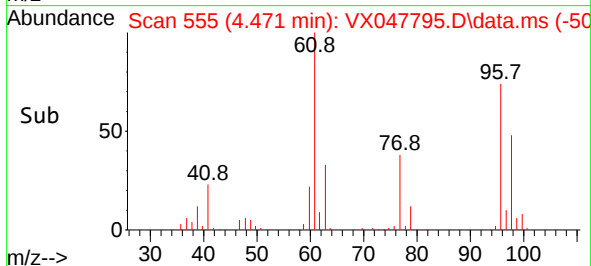
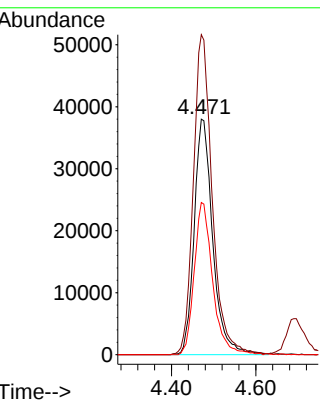
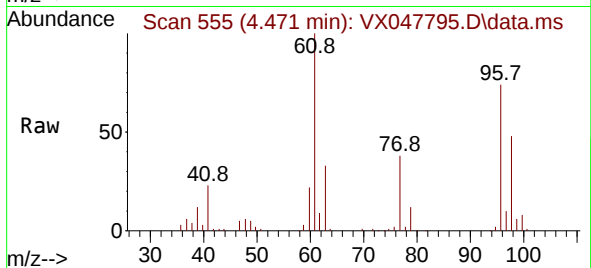
98 64.2 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#28

Bromochloromethane

Concen: 56.300 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

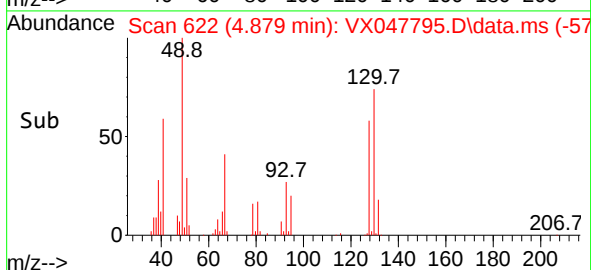
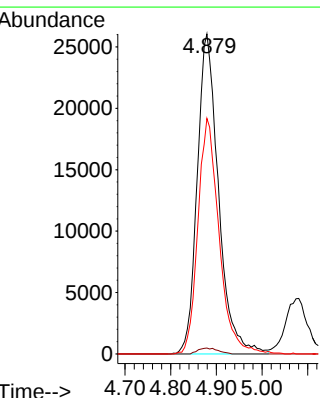
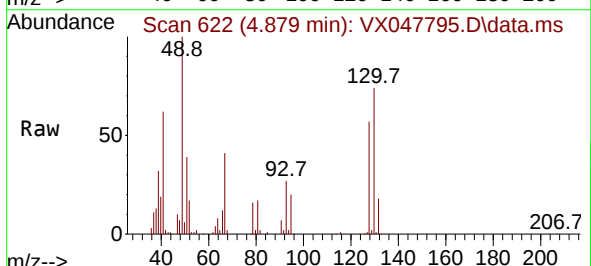
Tgt Ion: 49 Resp: 84484

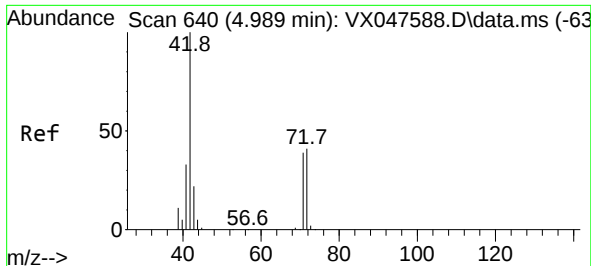
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

130 73.2 57.8 86.8





#29

Tetrahydrofuran

Concen: 307.408 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX047795.D

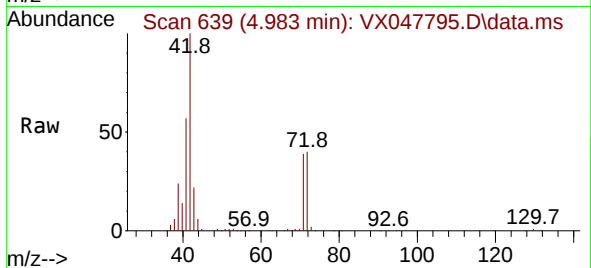
Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 21729

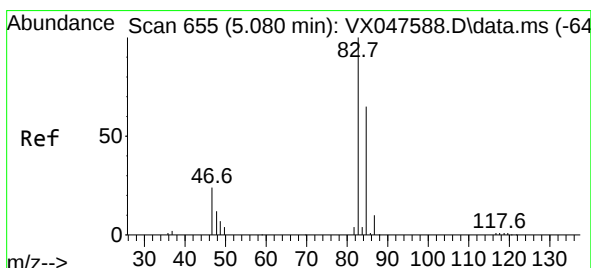
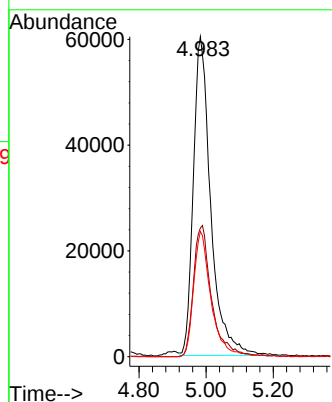
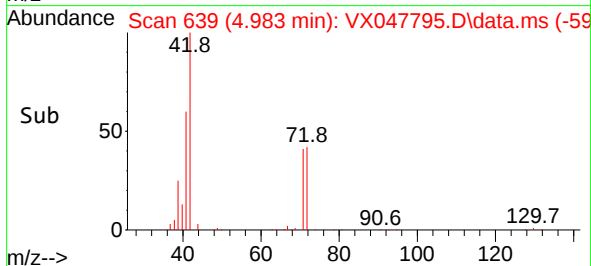
Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.2	51.2
71	39.0	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#30

Chloroform

Concen: 55.697 ug/l

RT: 5.074 min Scan# 654

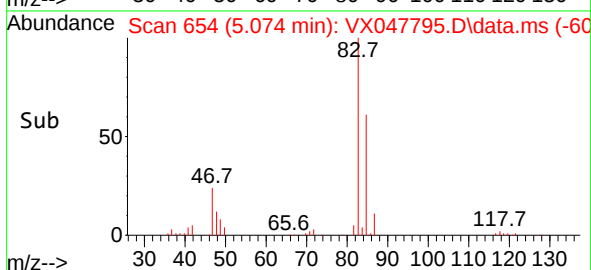
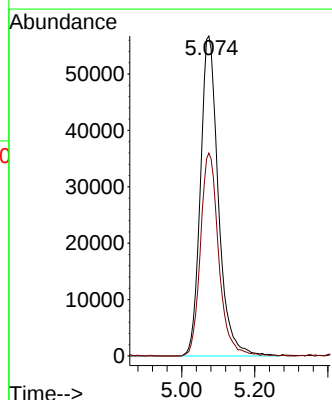
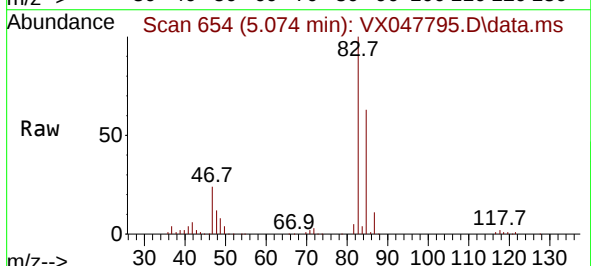
Delta R.T. -0.006 min

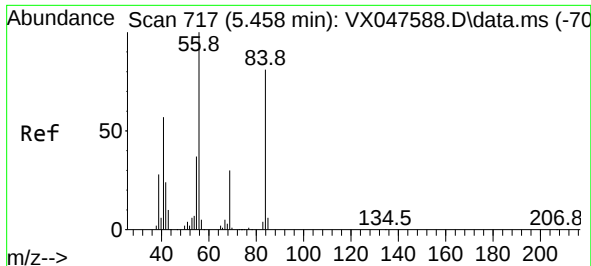
Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Tgt Ion: 83 Resp: 193461

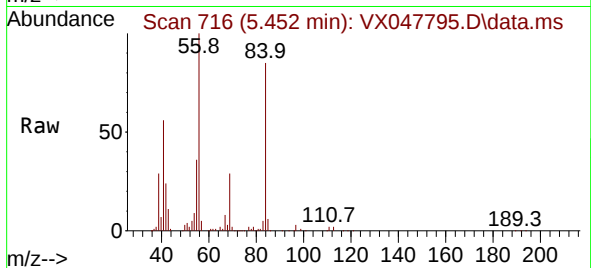
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.6





#31
Cyclohexane
Concen: 50.203 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

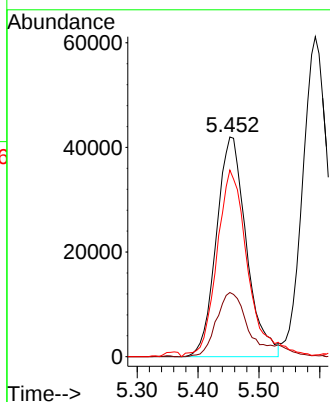
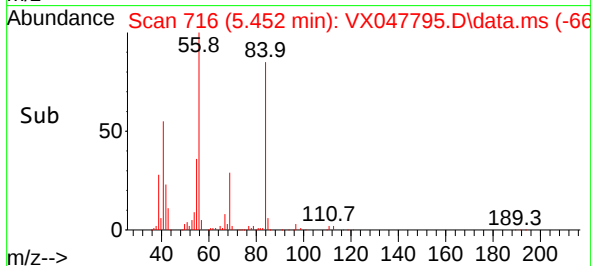
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 143723
Ion Ratio Lower Upper
56 100
69 28.8 23.8 35.8
84 83.0 64.6 97.0

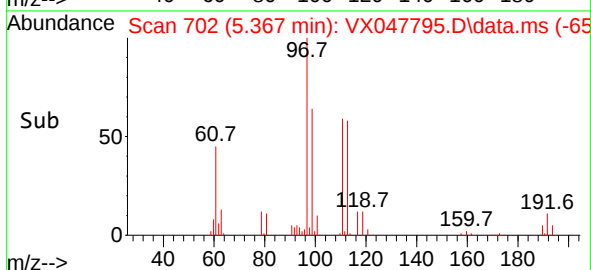
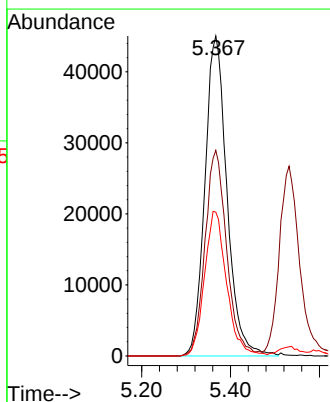
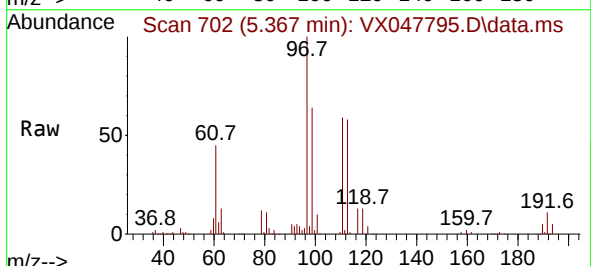
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#32
1,1,1-Trichloroethane
Concen: 52.743 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 97 Resp: 155394
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 45.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 51.305 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 11115

Ion Ratio Lower Upper

65 100

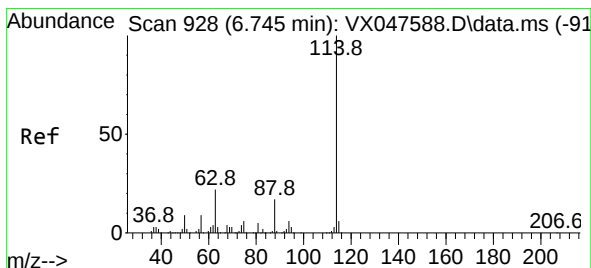
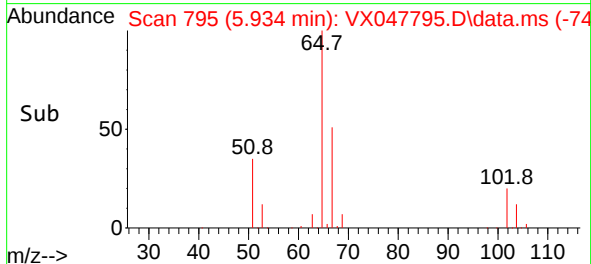
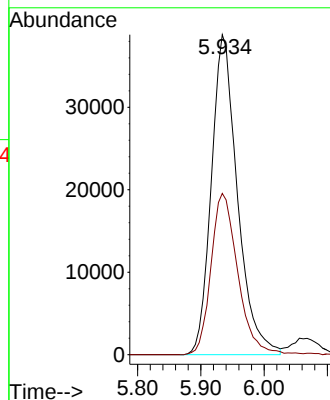
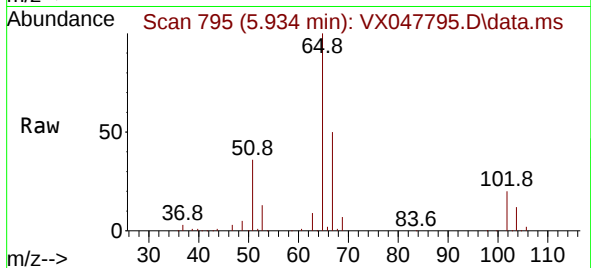
67 51.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

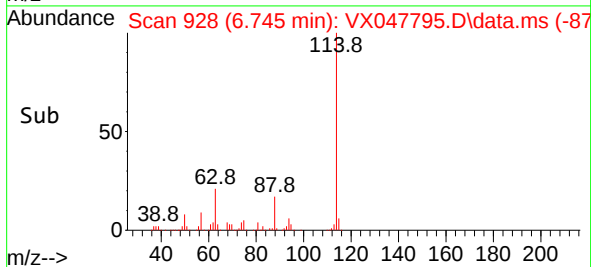
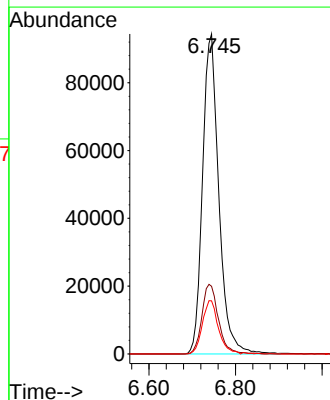
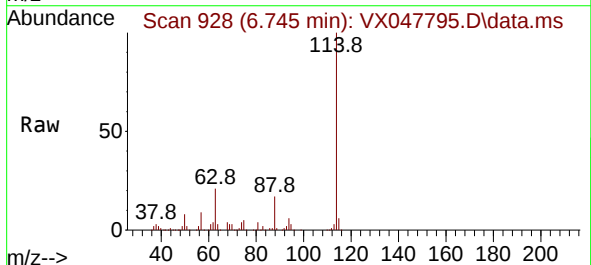
Tgt Ion:114 Resp: 245940

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 16.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 52.379 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

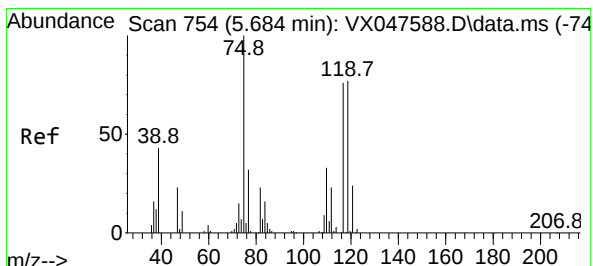
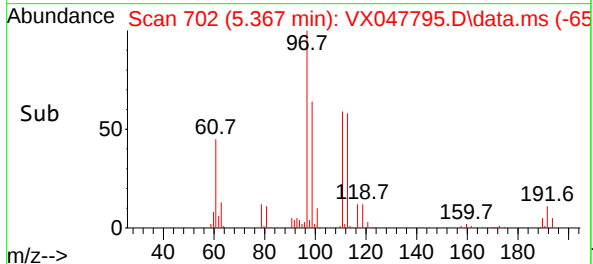
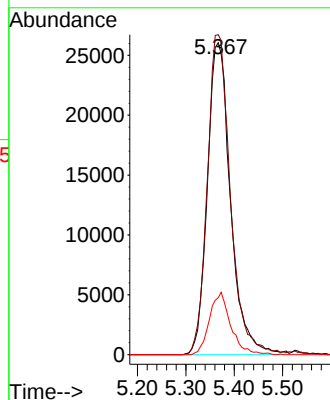
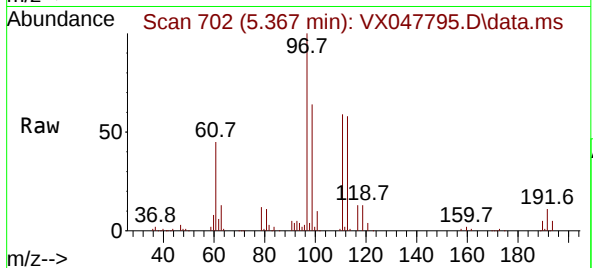
Tgt Ion:	113	Resp:	8639
Ion Ratio	Lower	Upper	
113	100		
111	103.1	80.9	121.3
192	18.4	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#36

1,1-Dichloropropene

Concen: 49.510 ug/l

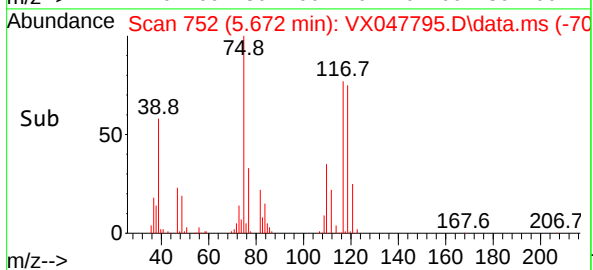
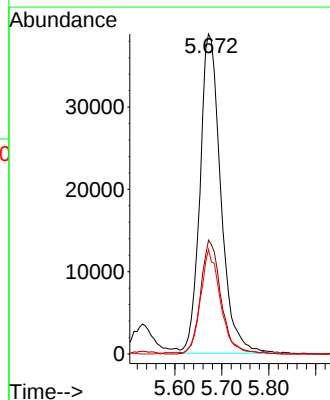
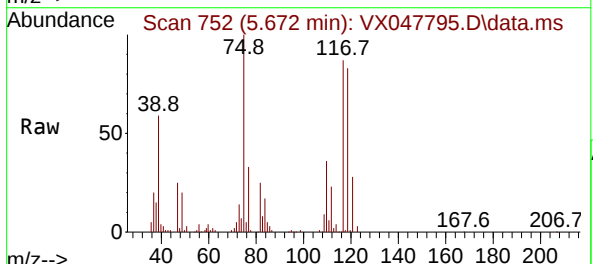
RT: 5.672 min Scan# 752

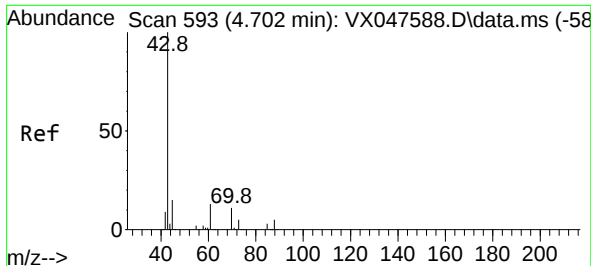
Delta R.T. -0.012 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Tgt Ion:	75	Resp:	119329
Ion Ratio	Lower	Upper	
75	100		
110	34.8	16.7	50.1
77	31.4	24.3	36.5





#37

Ethyl Acetate

Concen: 55.984 ug/l

RT: 4.690 min Scan# 591

Delta R.T. -0.012 min

Lab File: VX047795.D

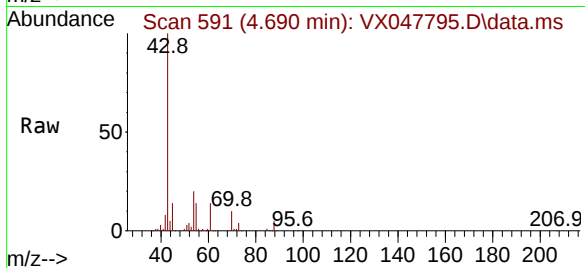
Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



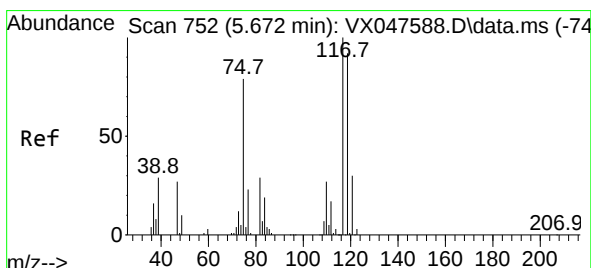
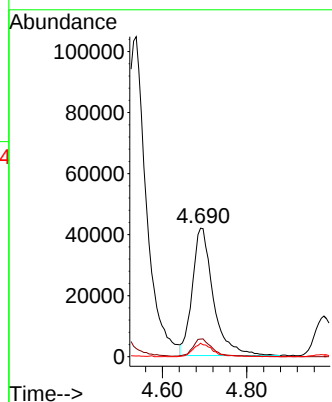
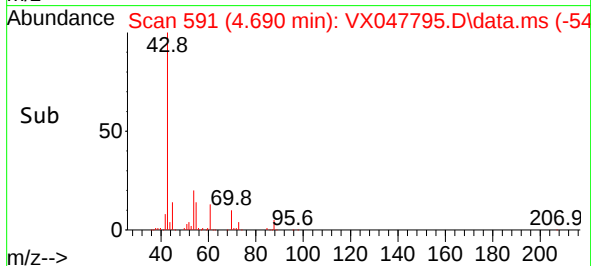
Tgt Ion:	43	Resp:	14447
Ion Ratio	Lower	Upper	
43	100		
61	13.5	9.8	14.8
70	9.8	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#38

Carbon Tetrachloride

Concen: 50.553 ug/l

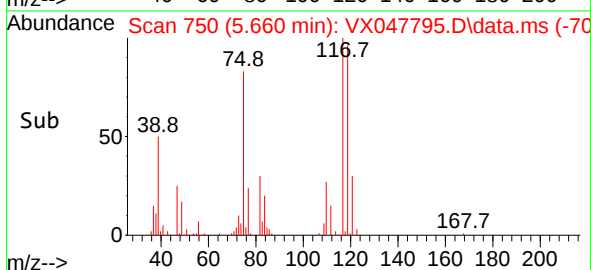
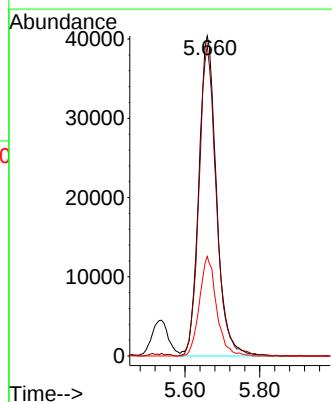
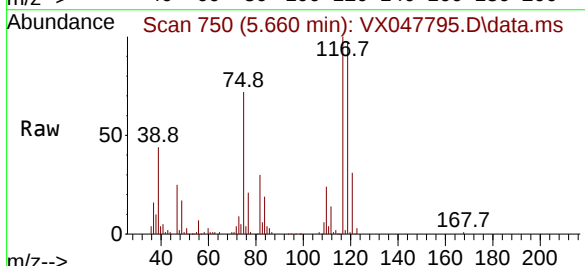
RT: 5.660 min Scan# 750

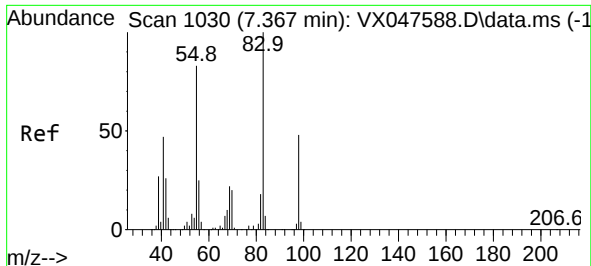
Delta R.T. -0.012 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

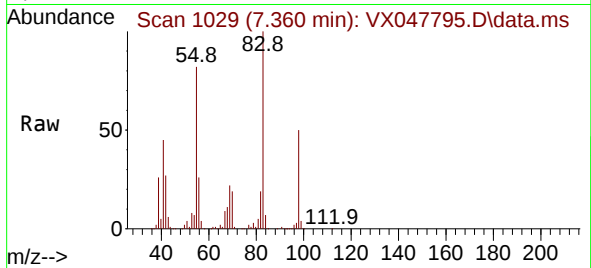
Tgt Ion:	117	Resp:	132383
Ion Ratio	Lower	Upper	
117	100		
119	97.2	73.4	110.2
121	31.1	23.8	35.6





#39
Methylcyclohexane
Concen: 47.613 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

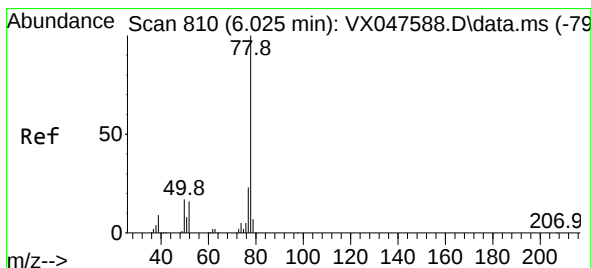
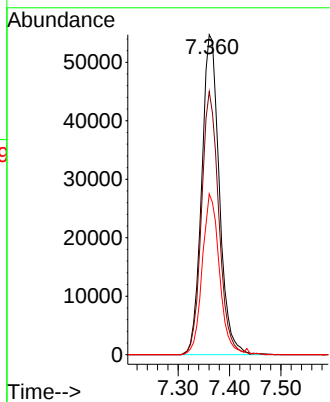
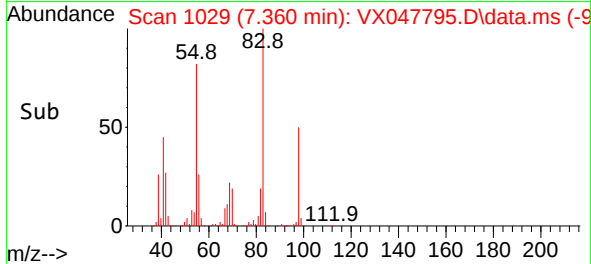
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 130264
Ion Ratio Lower Upper
83 100
55 82.2 66.4 99.6
98 50.3 38.1 57.1

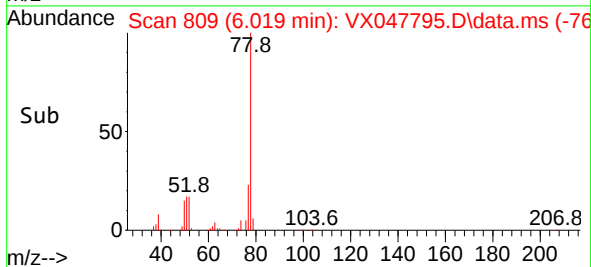
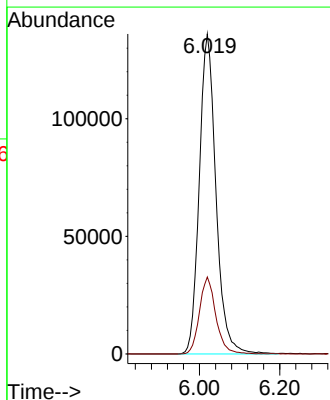
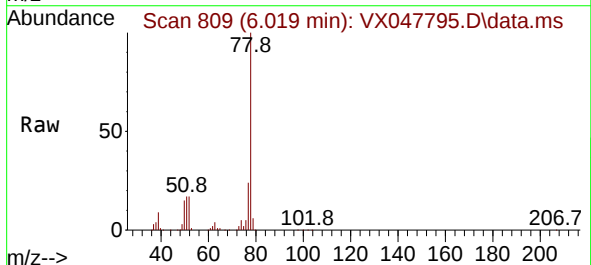
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#40
Benzene
Concen: 53.689 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 78 Resp: 393020
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2





#41
Methacrylonitrile
Concen: 58.352 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

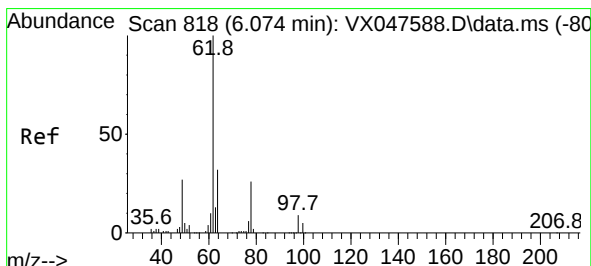
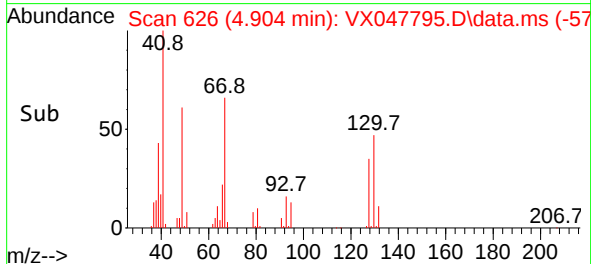
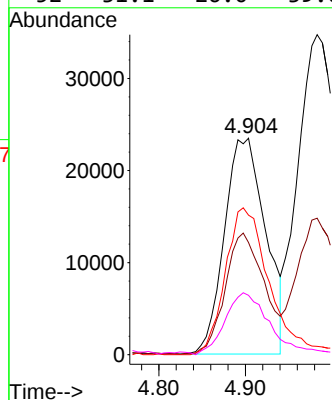
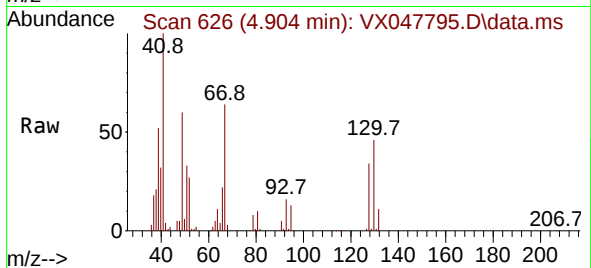
Tgt Ion: 41 Resp: 77739
Ion Ratio Lower Upper
41 100
39 53.2 43.3 64.9
67 73.2 58.6 87.8
52 31.1 26.0 39.0

Manual Integrations

APPROVED

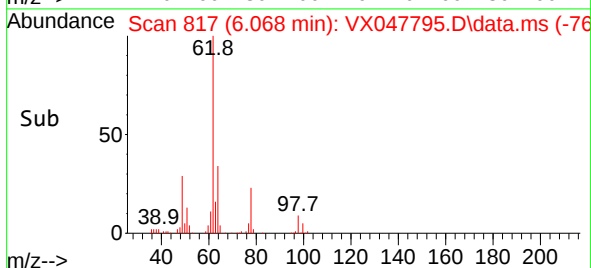
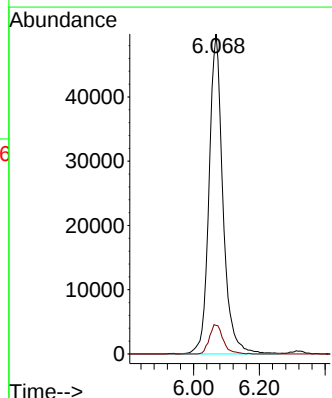
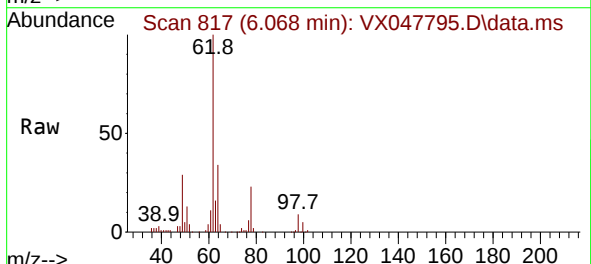
Reviewed By :John Carlone 09/26/2025

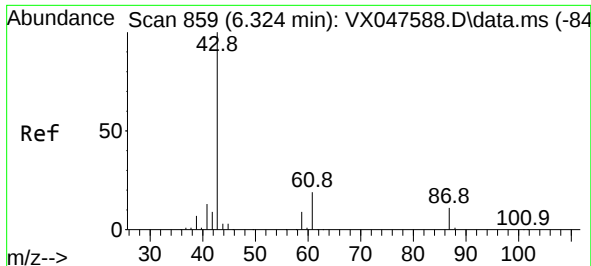
Supervised By :Mahesh Dadoda 09/29/2025



#42
1,2-Dichloroethane
Concen: 52.455 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 62 Resp: 146101
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.0





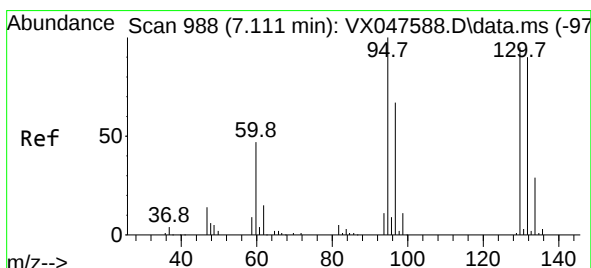
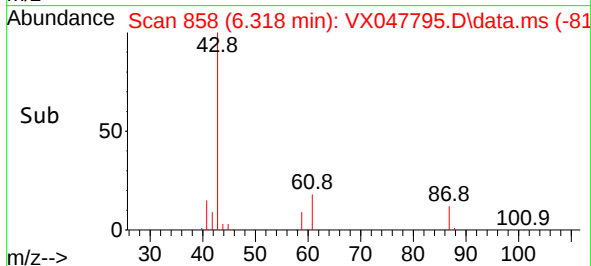
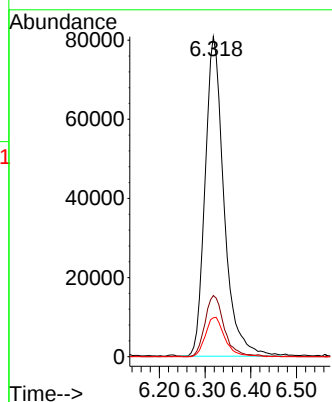
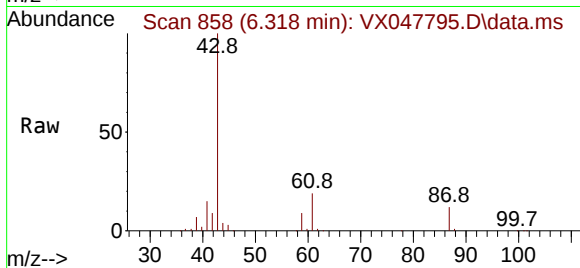
#43
Isopropyl Acetate
Concen: 54.813 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 23198
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 12.7 9.6 14.4

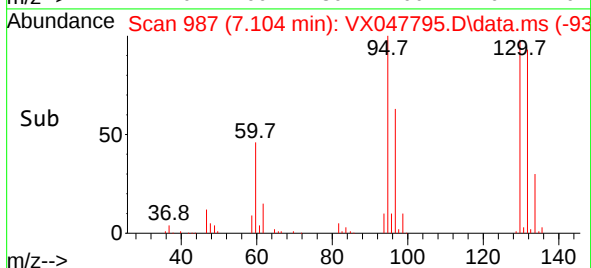
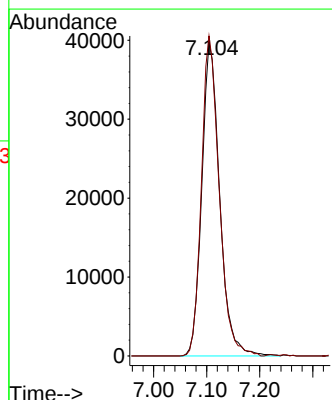
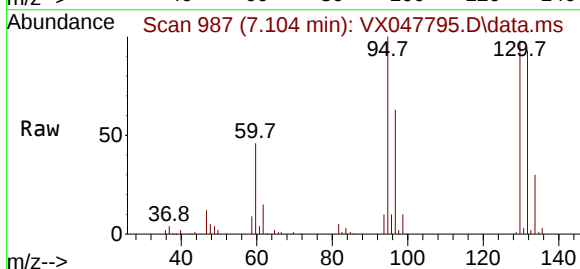
Manual Integrations
APPROVED

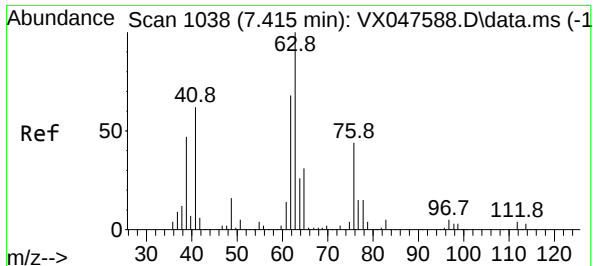
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#44
Trichloroethene
Concen: 52.779 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:130 Resp: 93408
Ion Ratio Lower Upper
130 100
95 101.8 0.0 210.8





#45

1,2-Dichloropropane

Concen: 54.802 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 10272

Ion Ratio Lower Upper

63 100

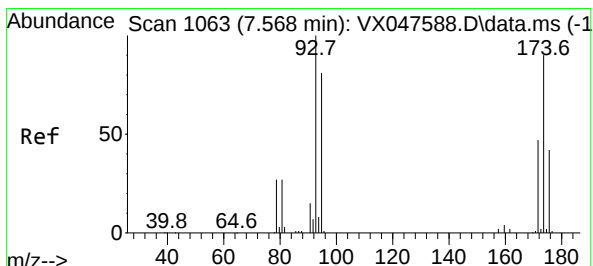
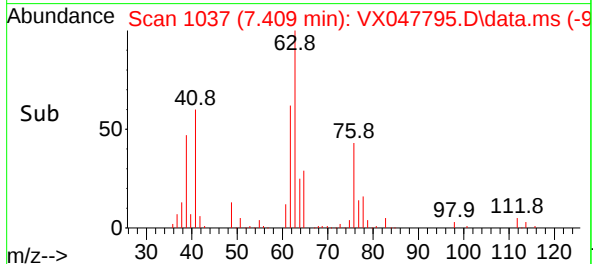
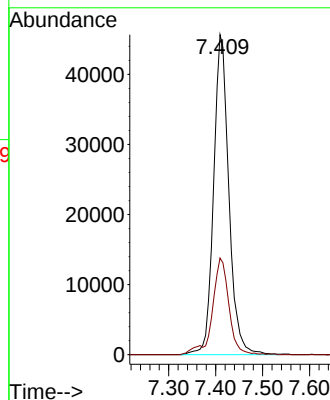
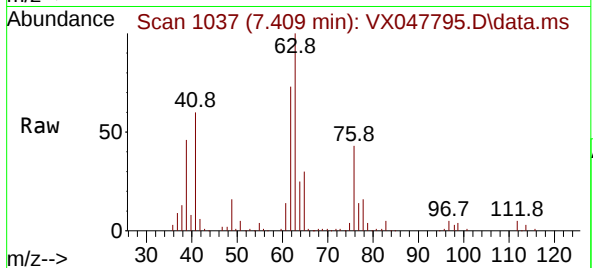
65 30.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#46

Dibromomethane

Concen: 53.611 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

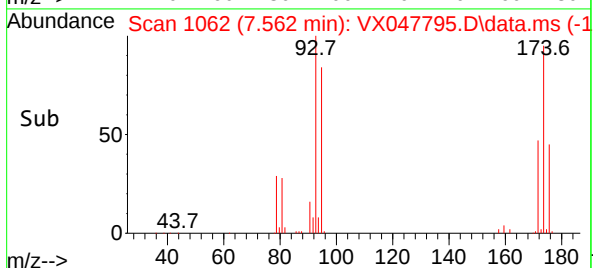
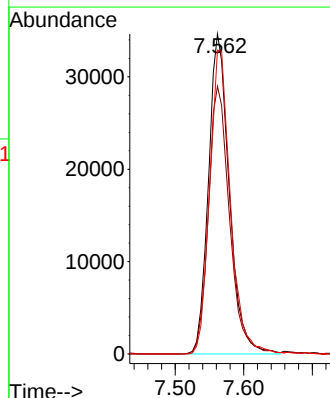
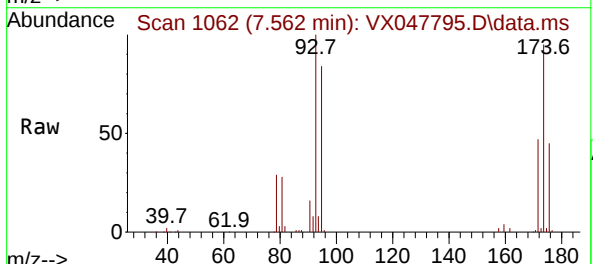
Tgt Ion: 93 Resp: 73128

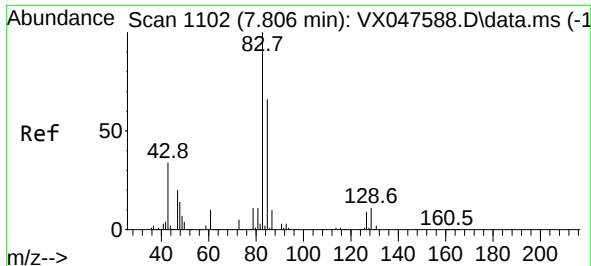
Ion Ratio Lower Upper

93 100

95 85.0 65.0 97.6

174 94.9 71.6 107.4





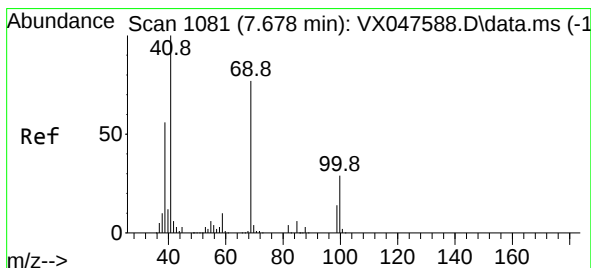
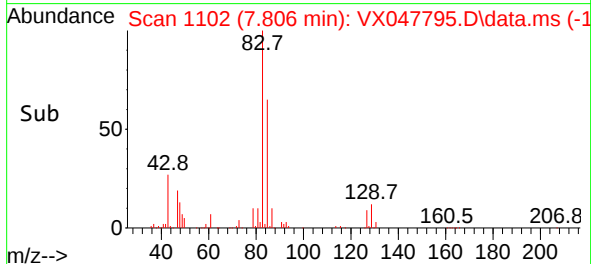
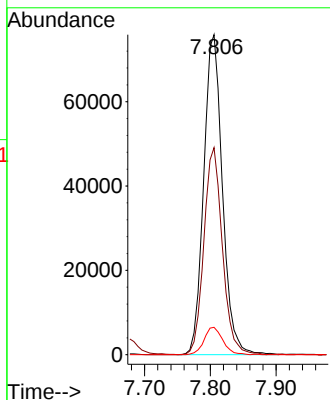
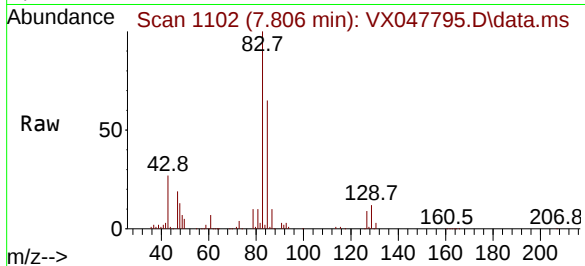
#47
Bromodichloromethane
Concen: 53.552 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 150738
Ion Ratio Lower Upper
83 100
85 64.7 52.5 78.7
127 8.5 6.9 10.3

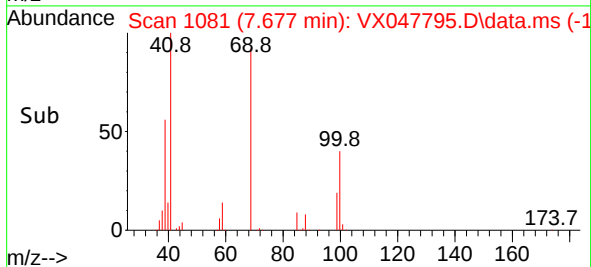
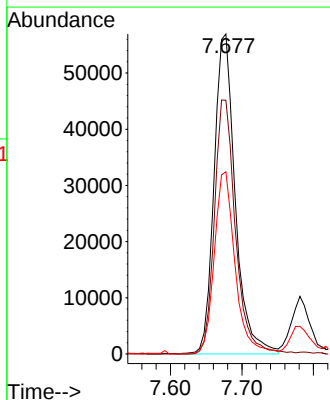
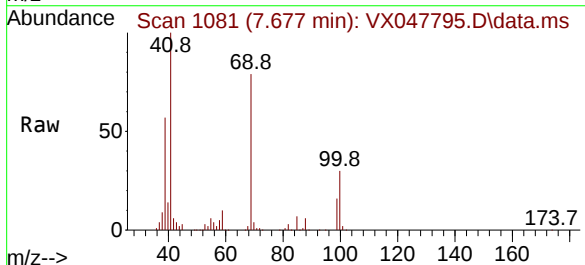
Manual Integrations
APPROVED

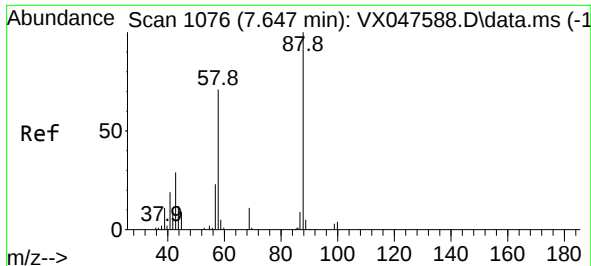
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#48
Methyl methacrylate
Concen: 55.683 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 41 Resp: 117391
Ion Ratio Lower Upper
41 100
69 78.8 61.4 92.2
39 55.9 45.8 68.6





#49

1,4-Dioxane

Concen: 1335.620 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

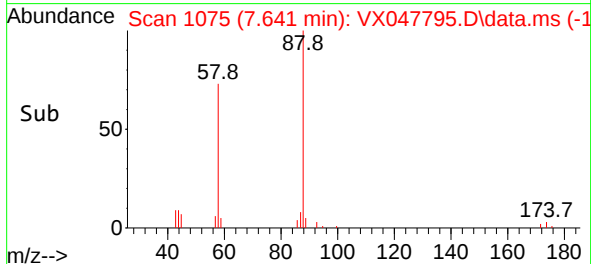
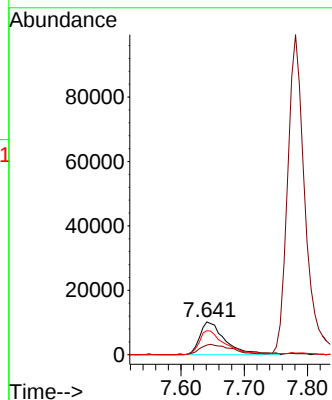
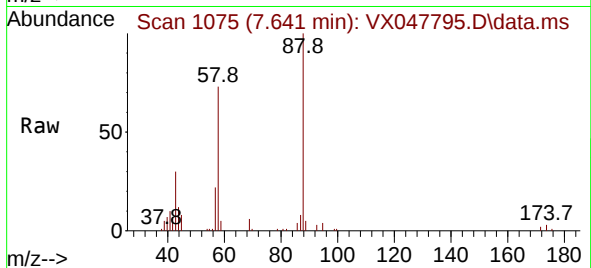
Tgt Ion:	88	Resp:	28450
Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.2	45.2
58	75.4	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#50

Toluene-d8

Concen: 50.933 ug/l

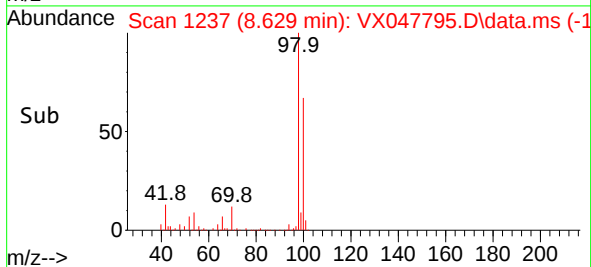
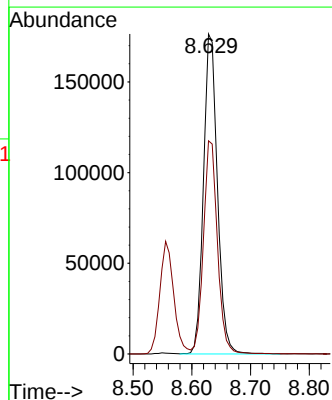
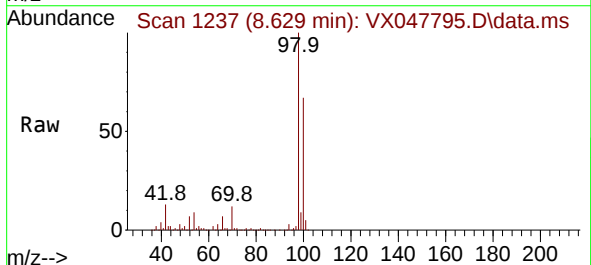
RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Tgt Ion:	98	Resp:	290687
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4





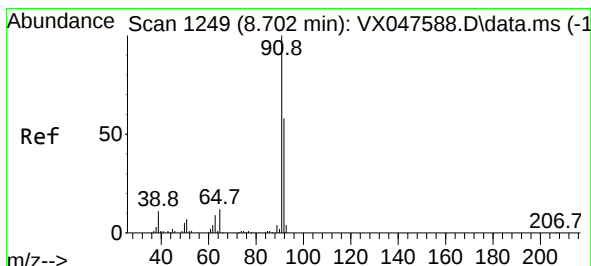
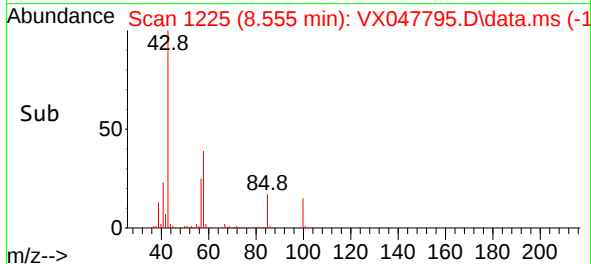
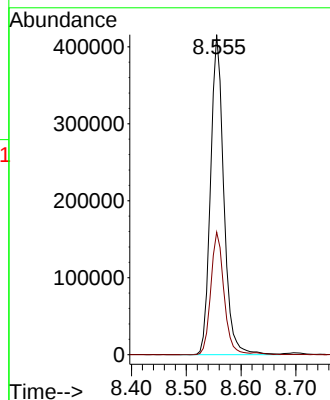
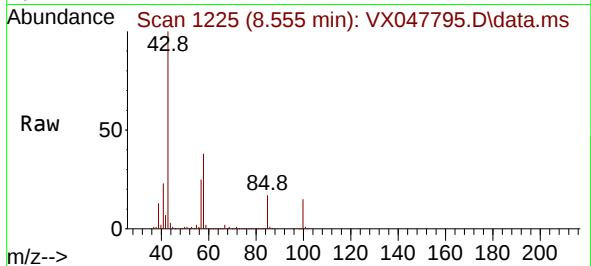
#51
4-Methyl-2-Pentanone
Concen: 296.468 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 69569
Ion Ratio Lower Upper
43 100
58 38.0 30.3 45.5

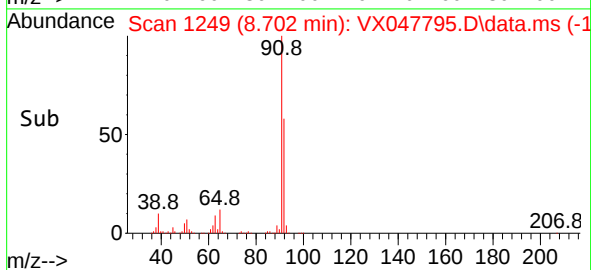
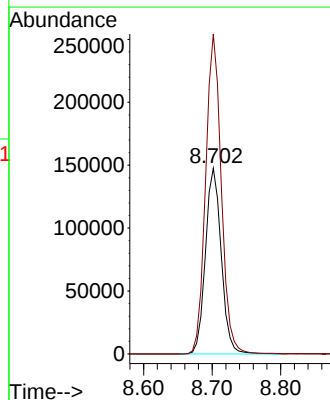
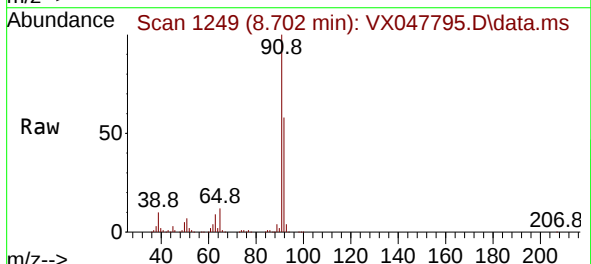
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#52
Toluene
Concen: 52.436 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 92 Resp: 236487
Ion Ratio Lower Upper
92 100
91 171.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 46.584 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 13374

Ion Ratio Lower Upper

75 100

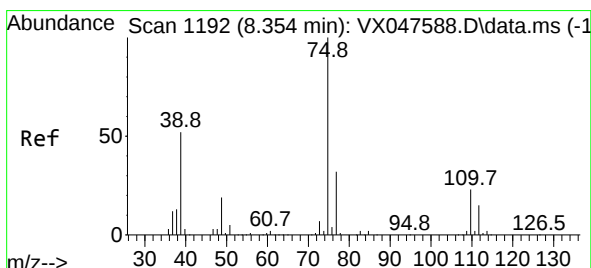
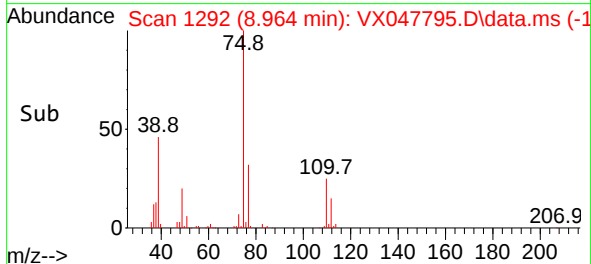
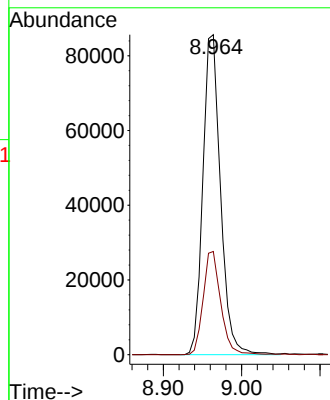
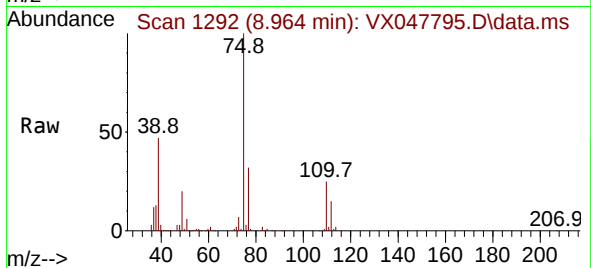
77 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#54

cis-1,3-Dichloropropene

Concen: 48.178 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

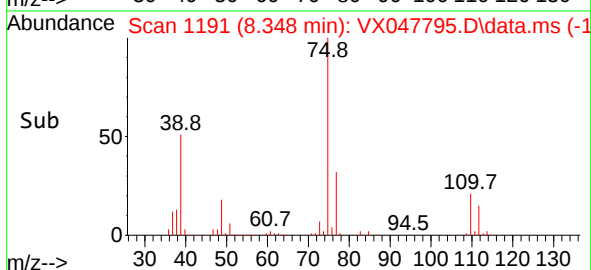
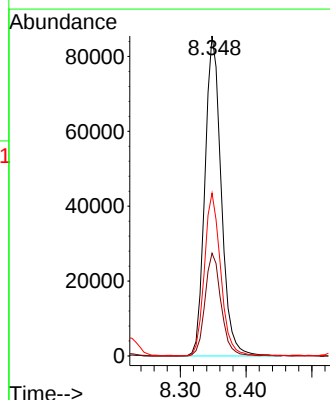
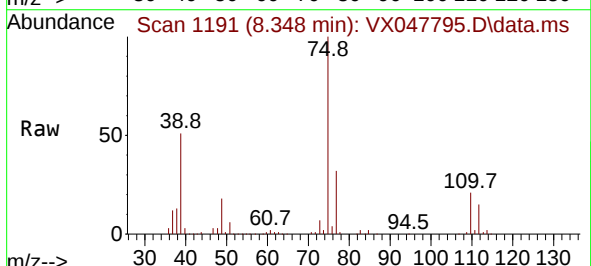
Tgt Ion: 75 Resp: 147846

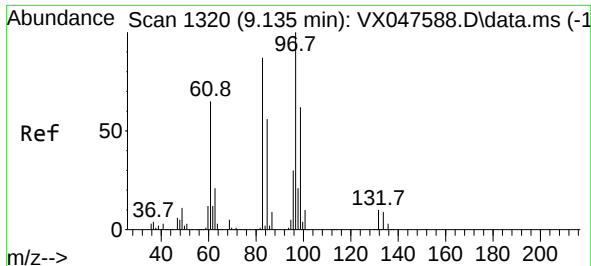
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6

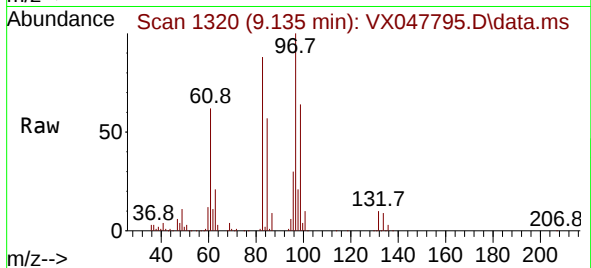
39 50.1 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 55.106 ug/l
RT: 9.135 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

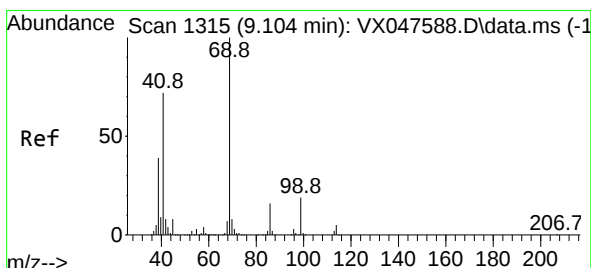
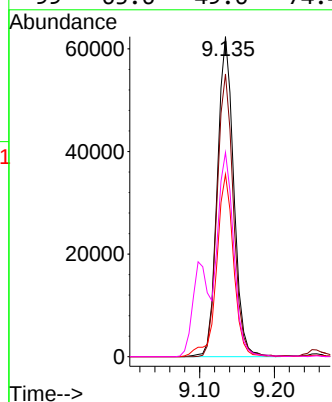
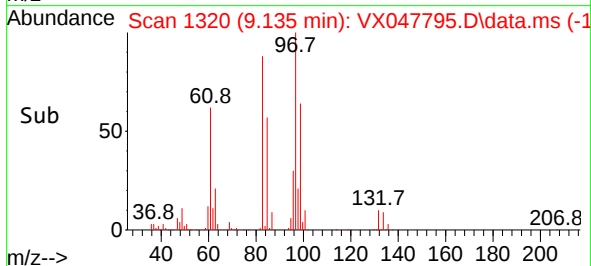
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



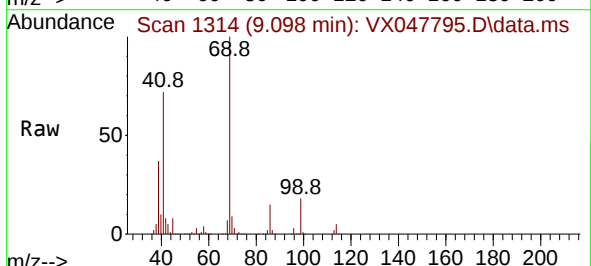
Tgt Ion:	97	Resp:	9583
Ion Ratio	100	Lower	Upper
97	100		
83	88.4	69.6	104.4
85	56.9	45.0	67.6
99	63.6	49.6	74.4

Manual Integrations
APPROVED

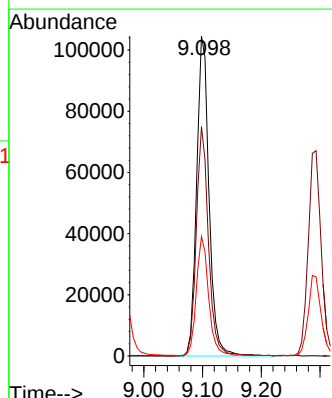
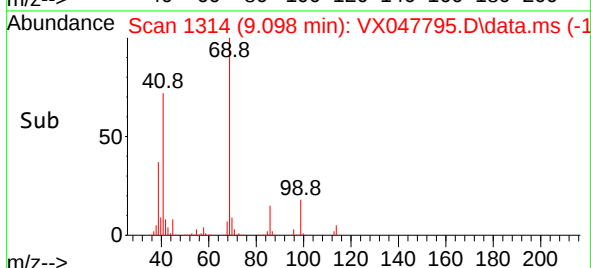
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

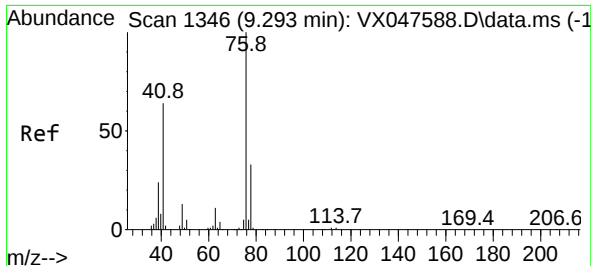


#56
Ethyl methacrylate
Concen: 56.190 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56



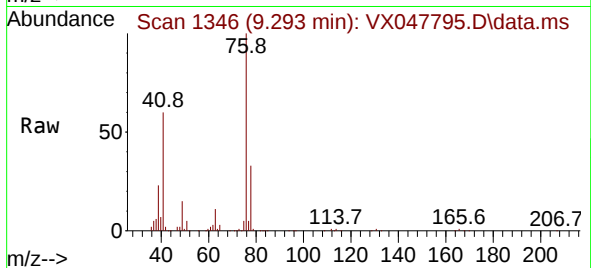
Tgt Ion:	69	Resp:	153461
Ion Ratio	100	Lower	Upper
69	100		
41	70.7	58.6	87.8
39	36.7	31.5	47.3





#57
1,3-Dichloropropane
Concen: 55.801 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

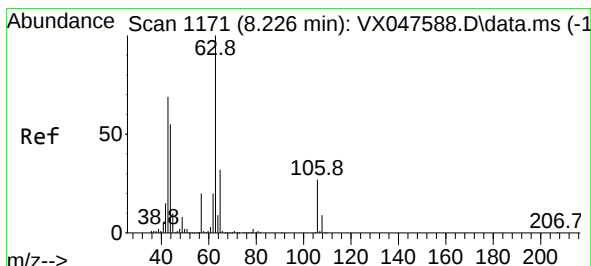
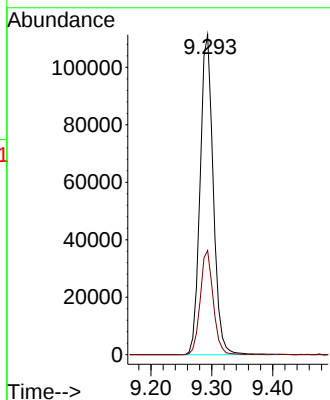
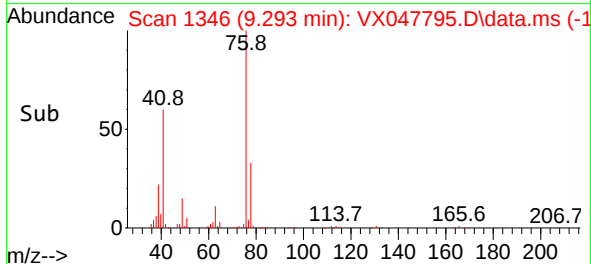
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 166700
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

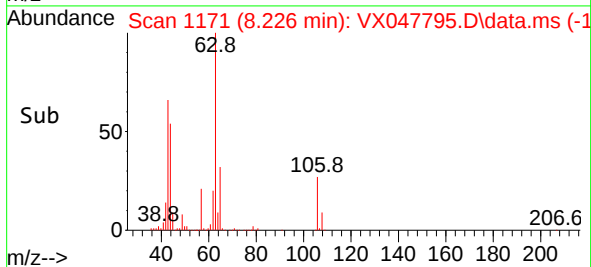
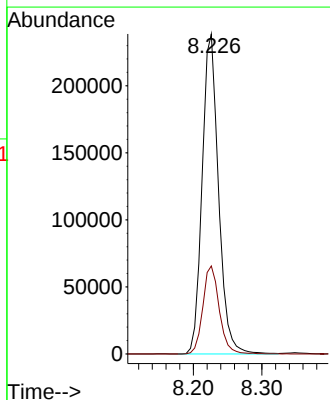
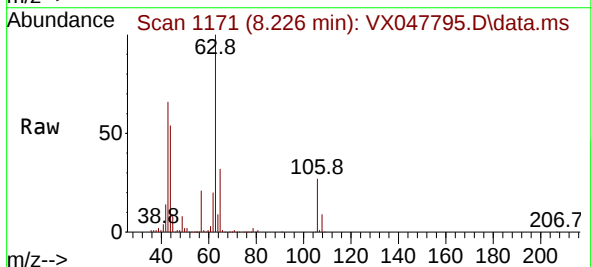
Manual Integrations
APPROVED

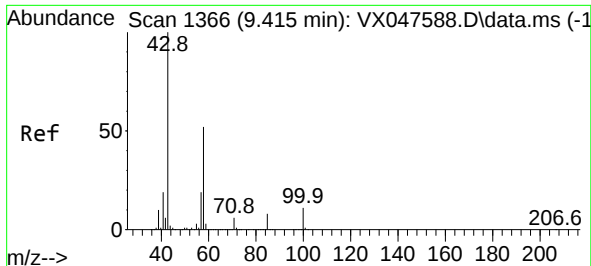
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 300.637 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

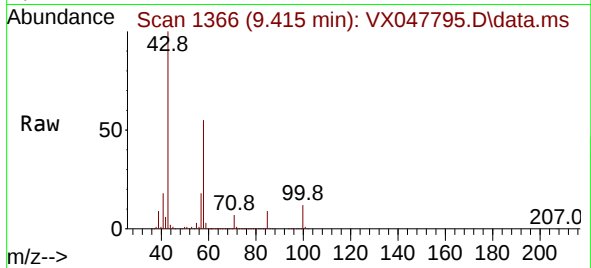
Tgt Ion: 63 Resp: 397473
Ion Ratio Lower Upper
63 100
106 27.5 21.9 32.9





#59
2-Hexanone
Concen: 285.853 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

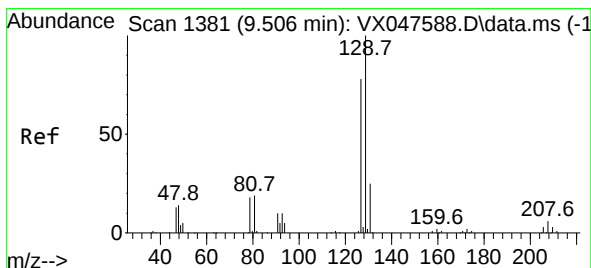
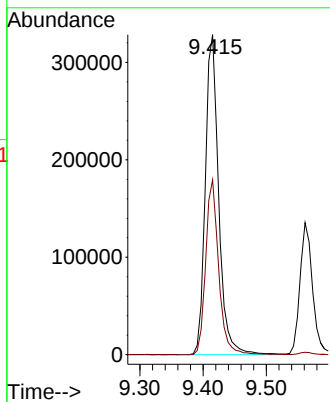
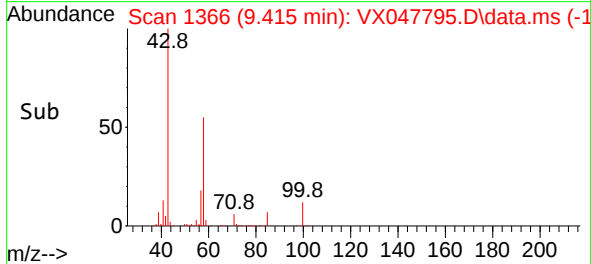
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 481760
Ion Ratio Lower Upper
43 100
58 53.4 26.1 78.2

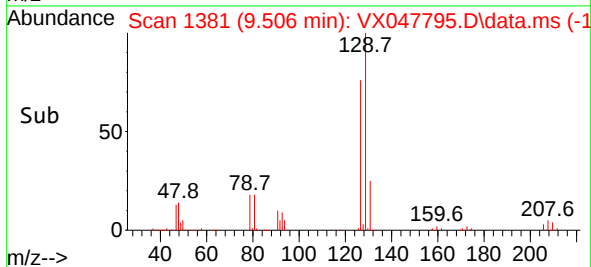
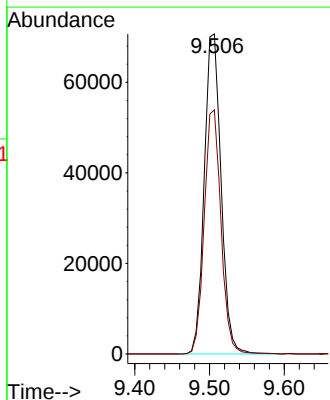
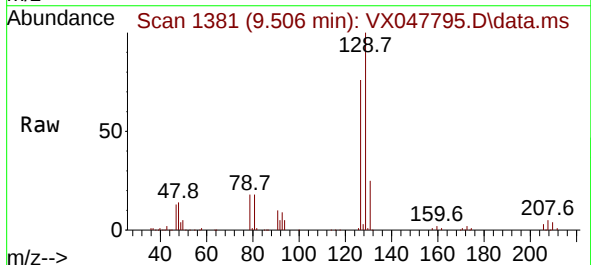
Manual Integrations
APPROVED

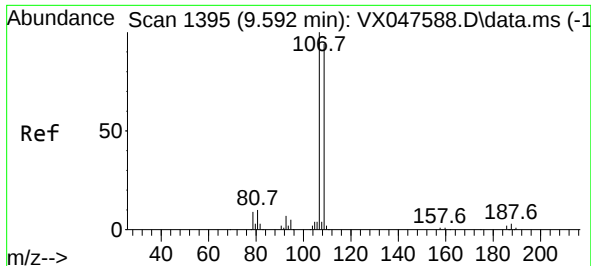
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#60
Dibromochloromethane
Concen: 55.147 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

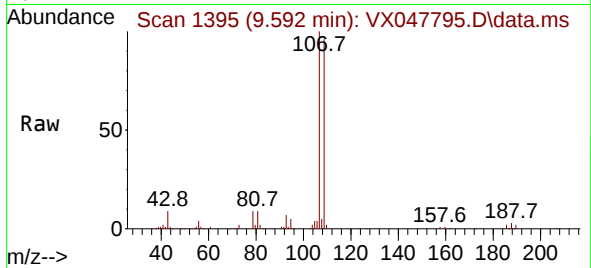
Tgt Ion:129 Resp: 110503
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61
1,2-Dibromoethane
Concen: 56.807 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

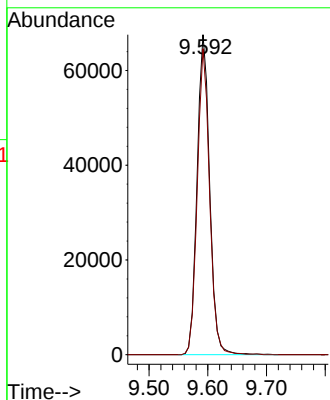
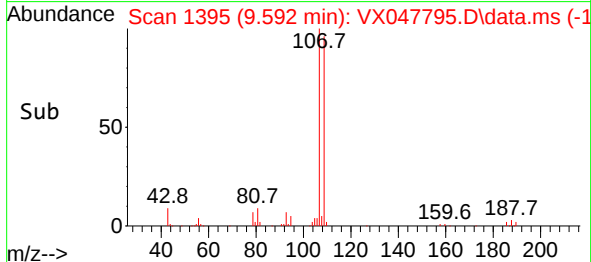
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



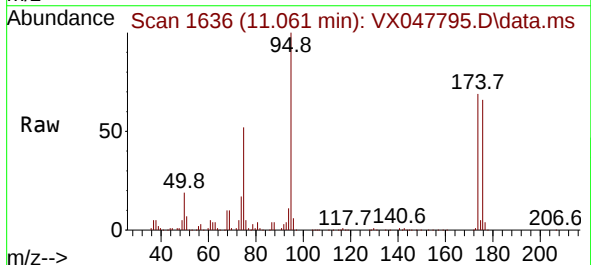
Tgt Ion:107 Resp: 100623
Ion Ratio Lower Upper
107 100
109 93.6 75.3 112.9

Manual Integrations
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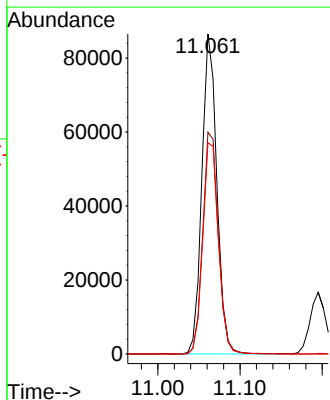
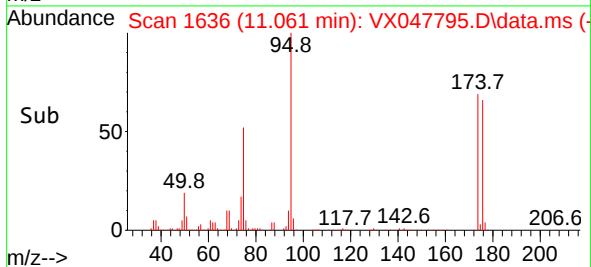
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#62
4-Bromofluorobenzene
Concen: 50.317 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56



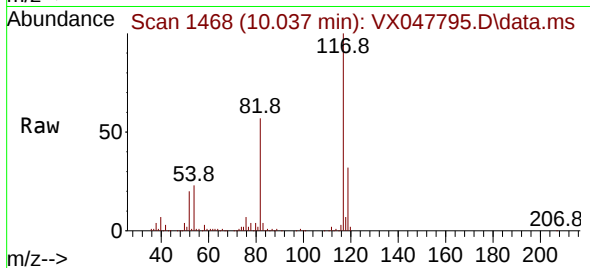
Tgt Ion: 95 Resp: 108988
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.5 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

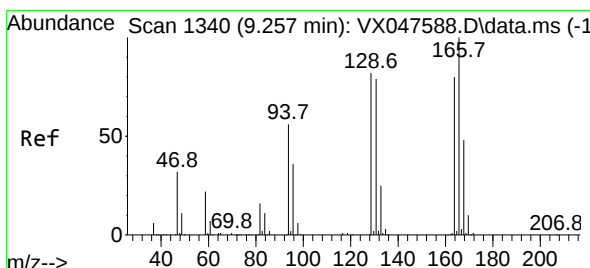
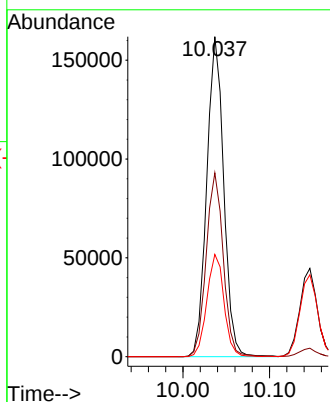
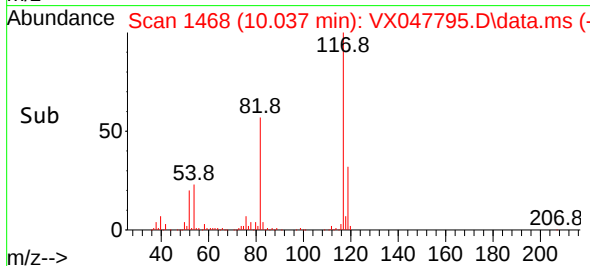
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 22026
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.6
119 31.9 25.2 37.8

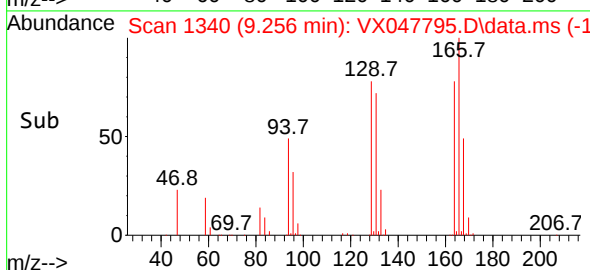
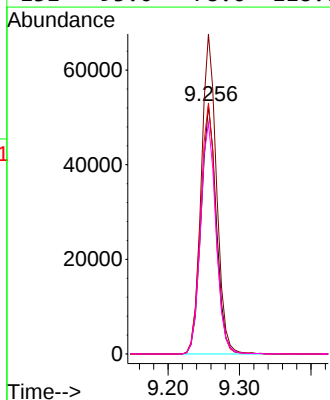
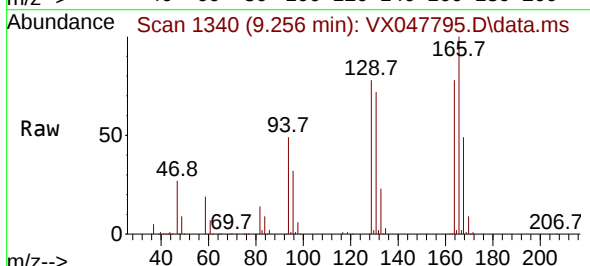
Manual Integrations
APPROVED

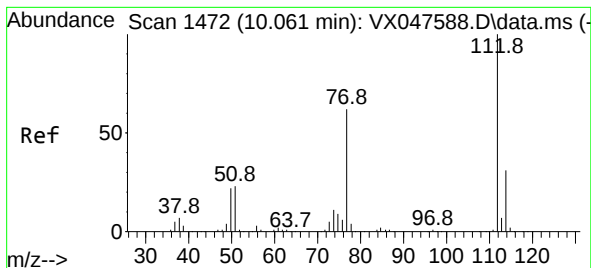
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#64
Tetrachloroethene
Concen: 54.134 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

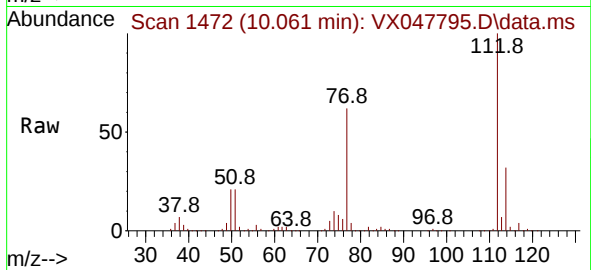
Tgt Ion:164 Resp: 77730
Ion Ratio Lower Upper
164 100
166 128.9 100.2 150.2
129 101.1 81.8 122.6
131 93.0 78.6 118.0





#65
Chlorobenzene
Concen: 52.484 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

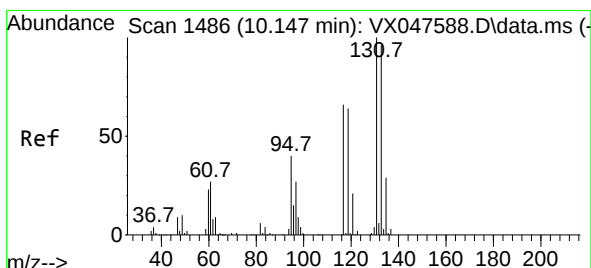
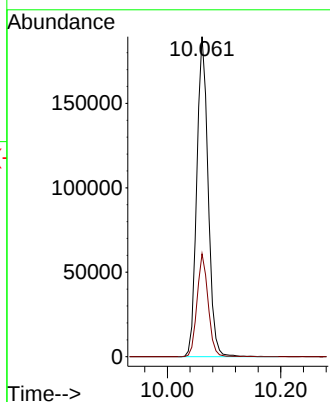
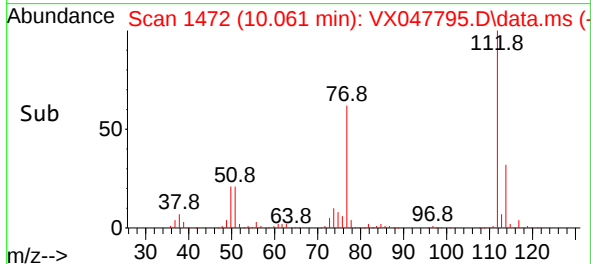
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



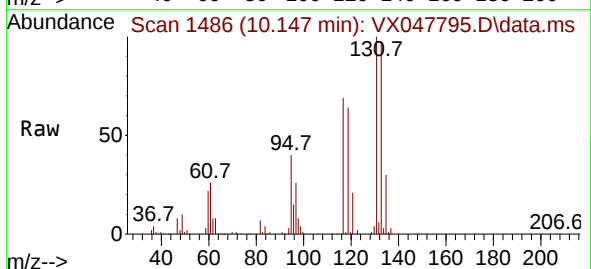
Tgt Ion:112 Resp: 26262
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

Manual Integrations
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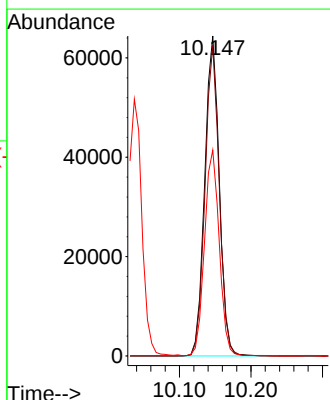
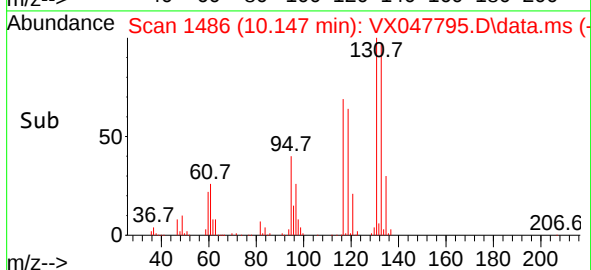
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

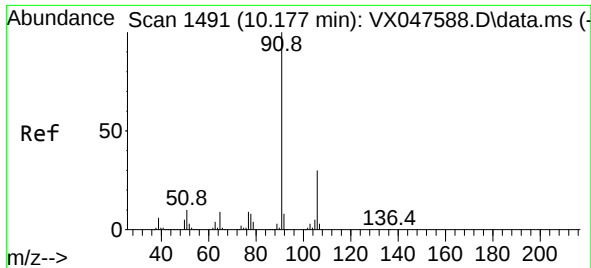


#66
1,1,1,2-Tetrachloroethane
Concen: 52.723 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56



Tgt Ion:131 Resp: 91037
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 65.3 32.0 96.0





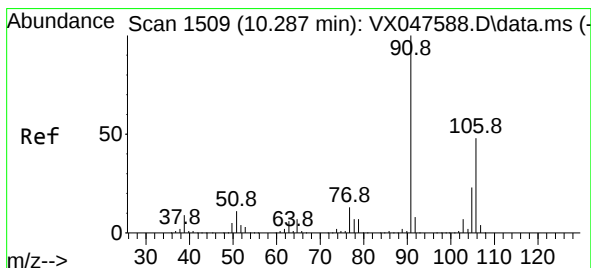
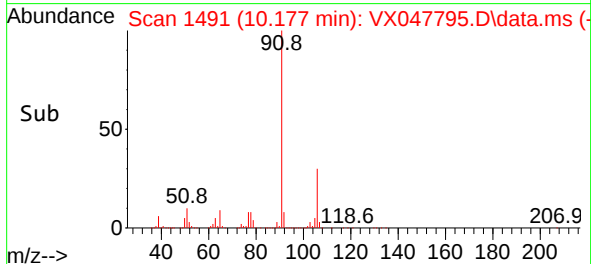
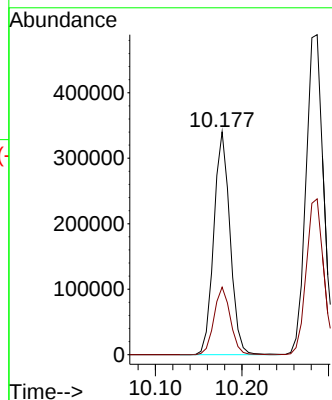
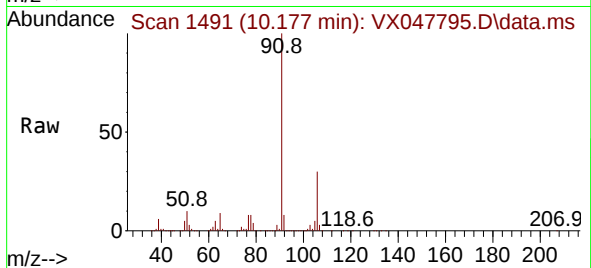
#67
Ethyl Benzene
Concen: 51.323 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 443118
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5

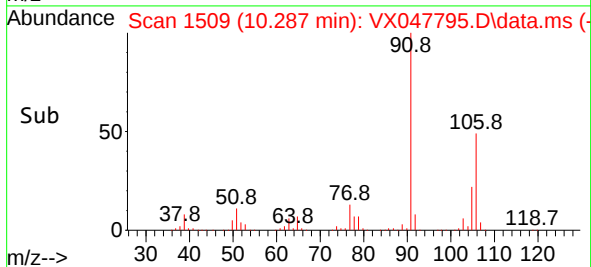
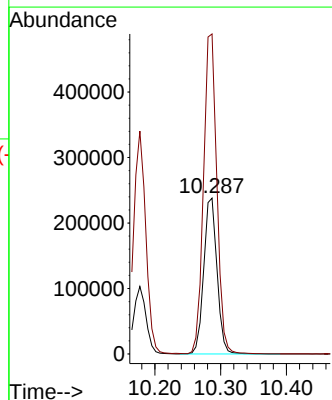
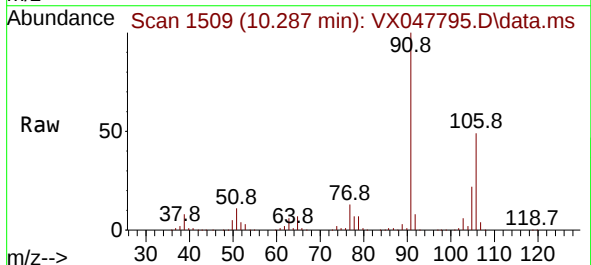
Manual Integrations
APPROVED

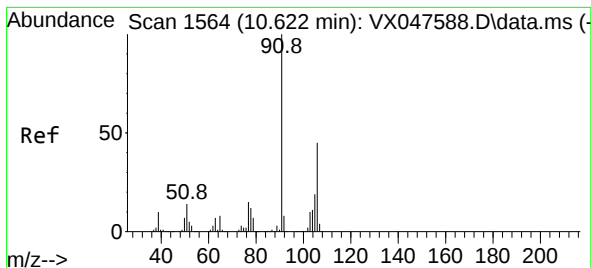
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#68
m/p-Xylenes
Concen: 103.770 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion:106 Resp: 333476
Ion Ratio Lower Upper
106 100
91 206.2 167.8 251.8





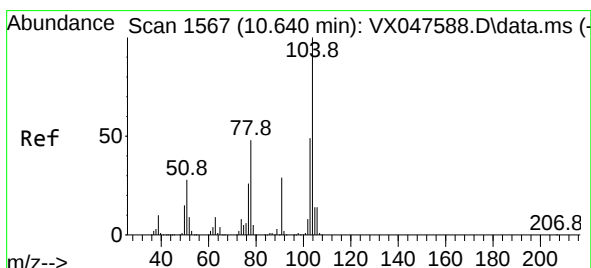
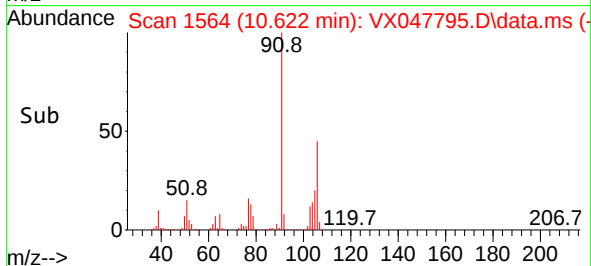
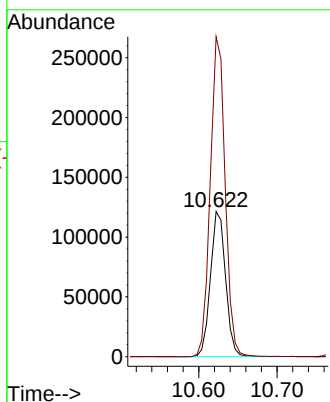
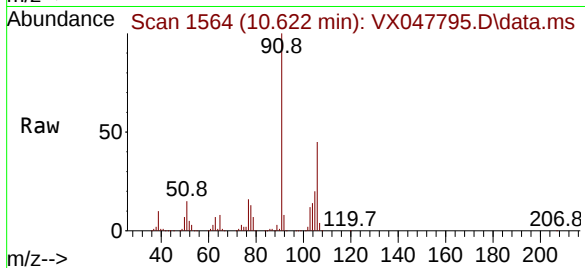
#69
o-Xylene
Concen: 52.252 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 162415
Ion Ratio Lower Upper
106 100
91 217.6 111.1 333.4

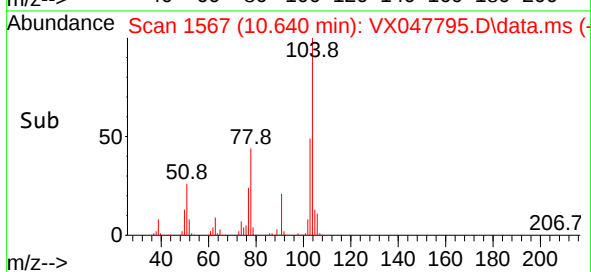
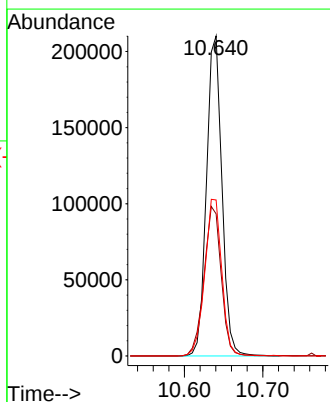
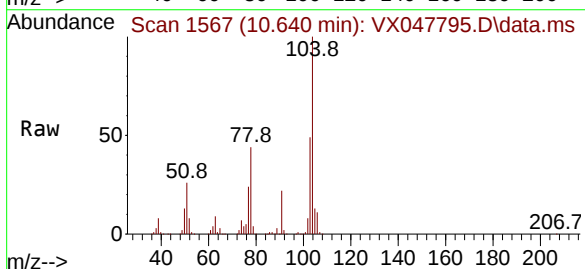
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#70
Styrene
Concen: 52.692 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

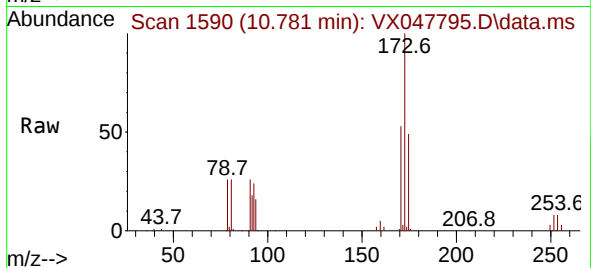
Tgt Ion:104 Resp: 286982
Ion Ratio Lower Upper
104 100
78 52.0 43.1 64.7
103 54.2 43.1 64.7





#71
Bromoform
Concen: 54.326 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

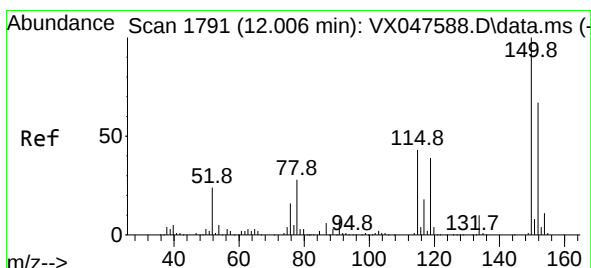
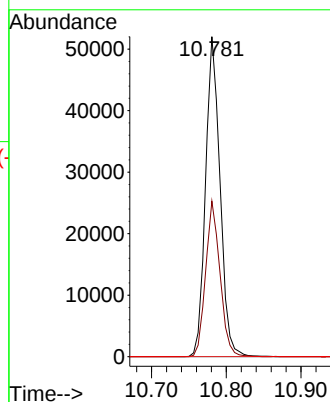
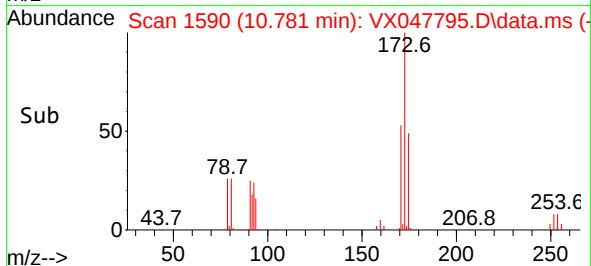
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



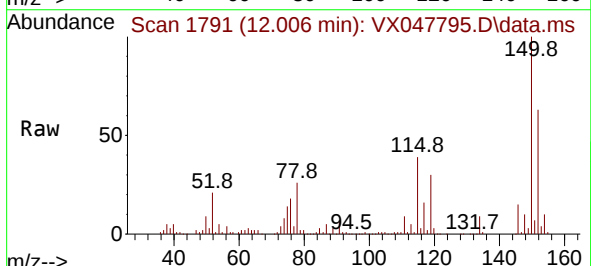
Tgt Ion:173 Resp: 70044
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

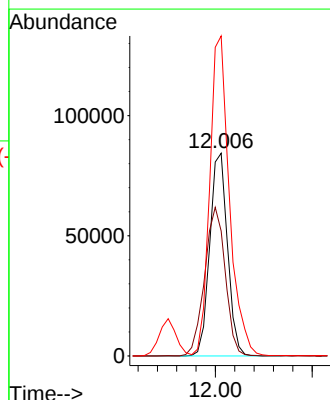
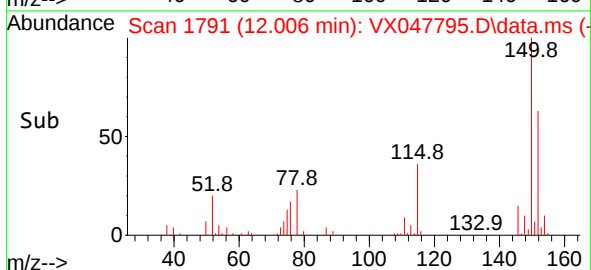
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

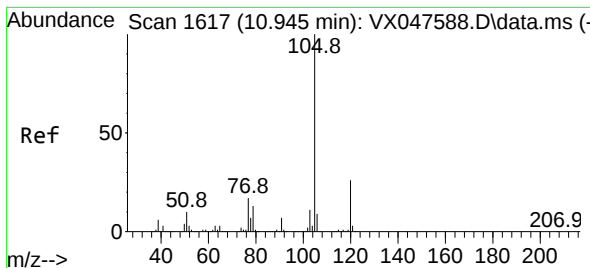


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56



Tgt Ion:152 Resp: 107538
Ion Ratio Lower Upper
152 100
115 85.6 44.9 134.5
150 174.4 0.0 352.0





#73

Isopropylbenzene

Concen: 50.350 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 41165

Ion Ratio Lower Upper

105 100

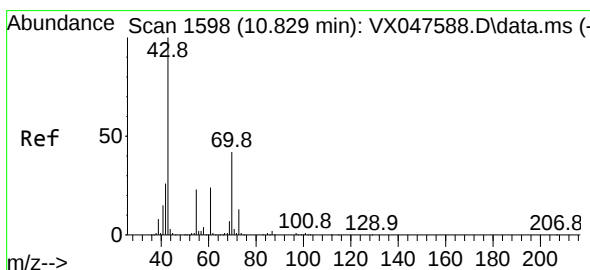
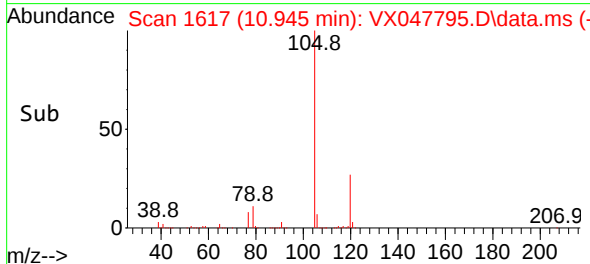
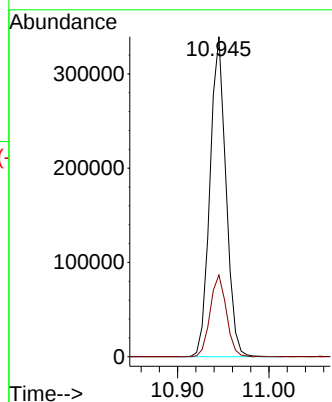
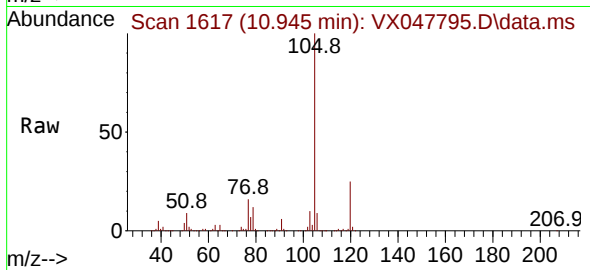
120 25.8 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#74

N-ethyl acetate

Concen: 52.937 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Tgt Ion: 43 Resp: 197362

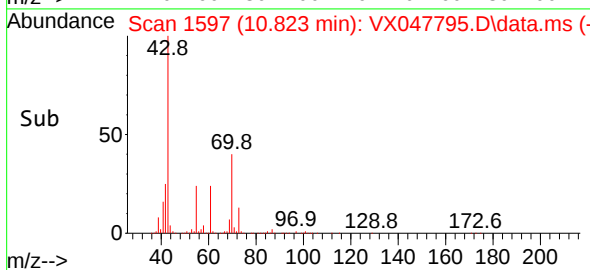
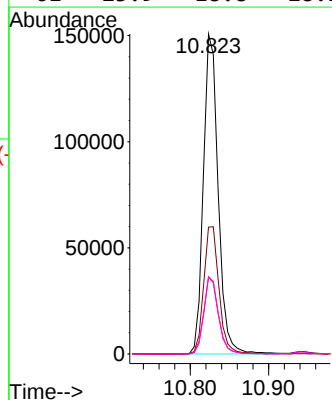
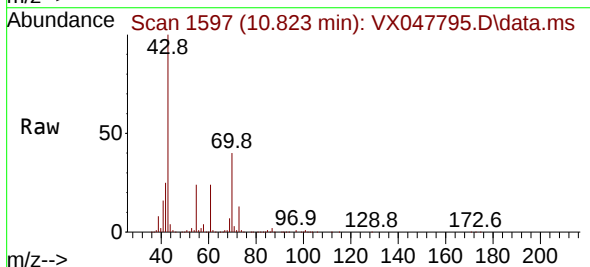
Ion Ratio Lower Upper

43 100

70 41.2 32.0 48.0

55 24.0 18.9 28.3

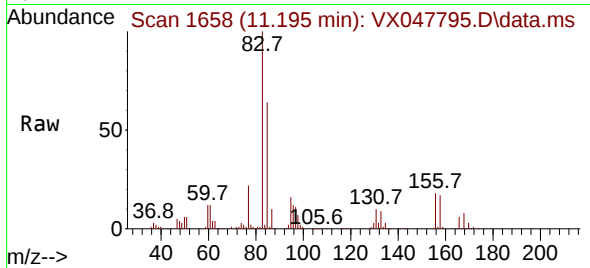
61 23.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 55.331 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

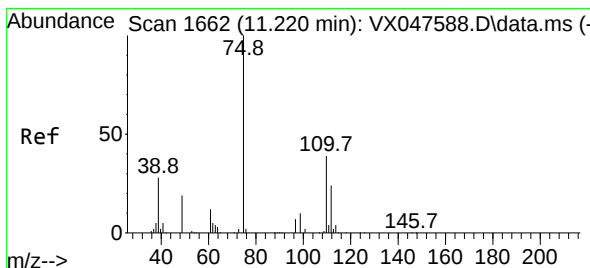
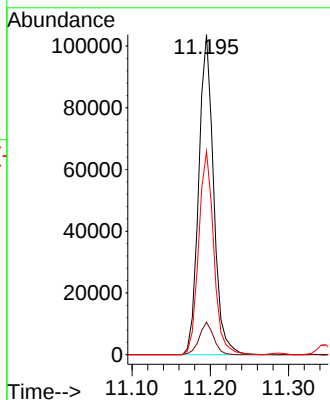
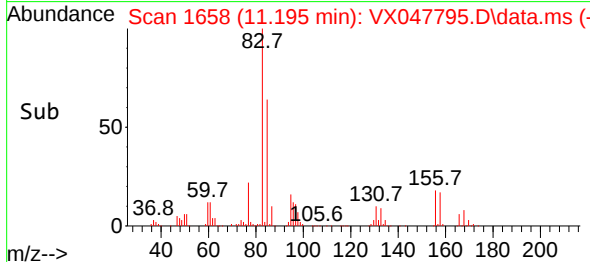
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 136864
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.3 31.6 95.0

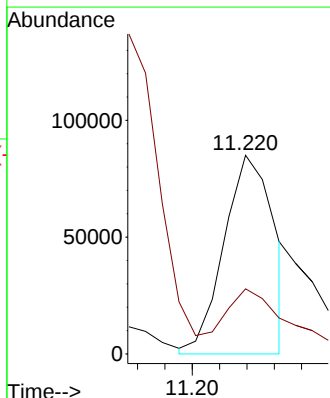
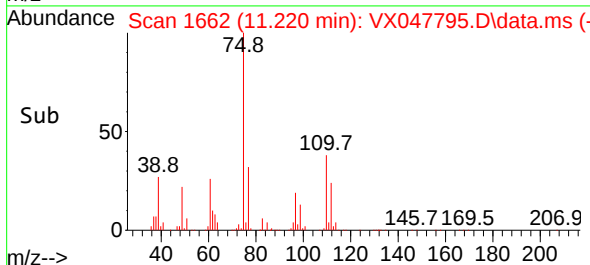
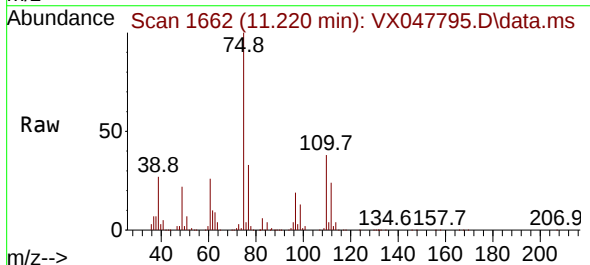
Manual Integrations
APPROVED

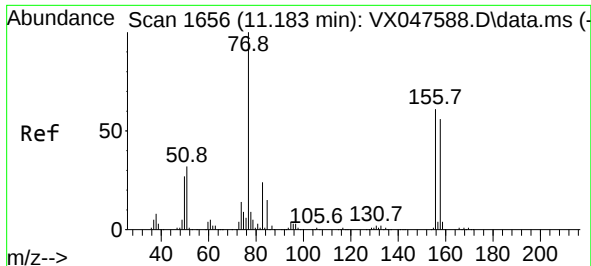
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#76
1,2,3-Trichloropropane
Concen: 49.670 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

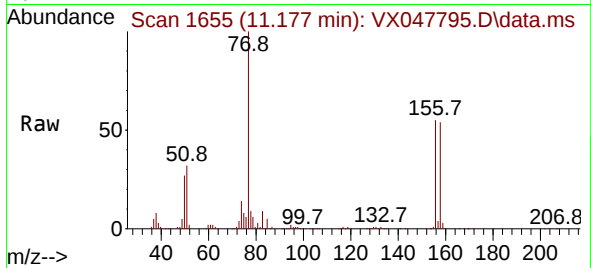
Tgt Ion: 75 Resp: 108147
Ion Ratio Lower Upper
75 100
77 42.9 18.8 56.4





#77
Bromobenzene
Concen: 51.743 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

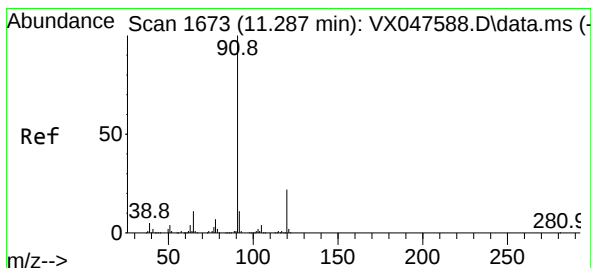
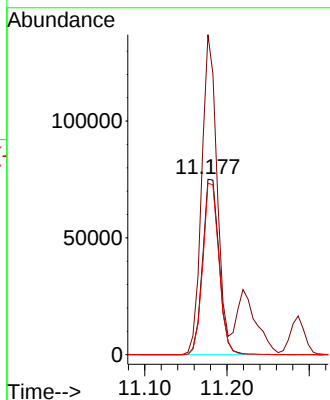
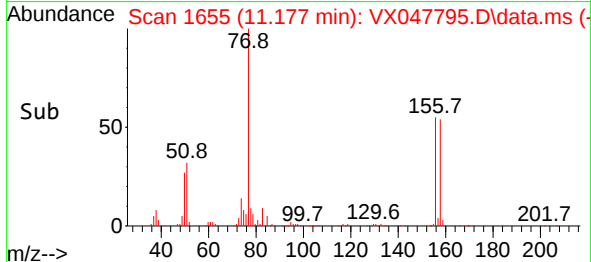
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 104192
Ion Ratio Lower Upper
156 100
77 170.6 89.7 269.1
158 96.6 47.9 143.6

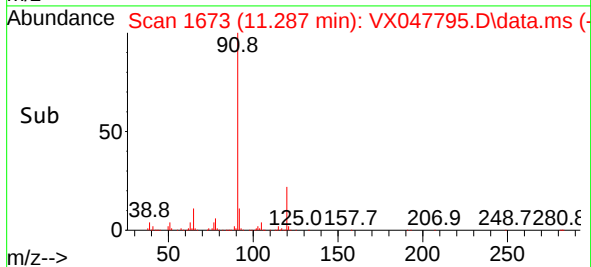
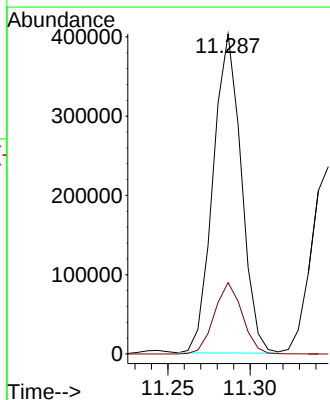
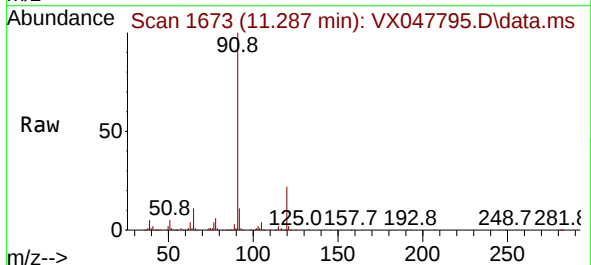
Manual Integrations
APPROVED

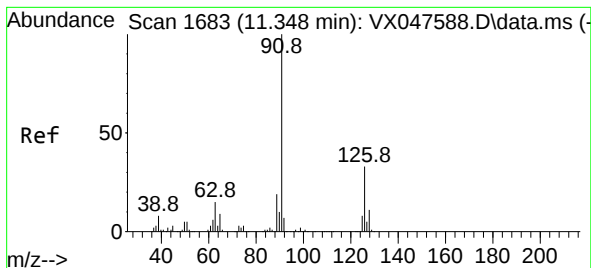
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#78
n-propylbenzene
Concen: 49.629 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Tgt Ion: 91 Resp: 479655
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1





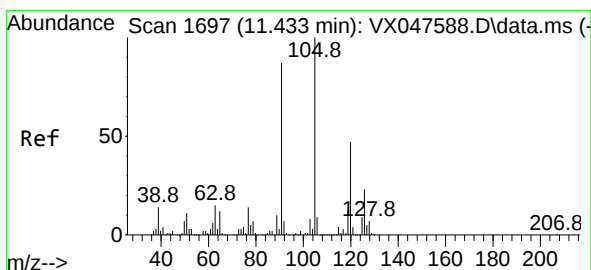
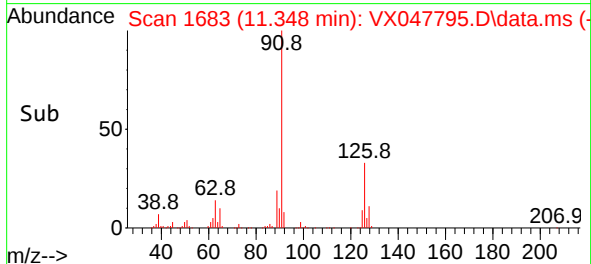
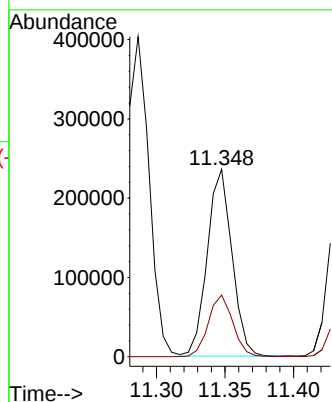
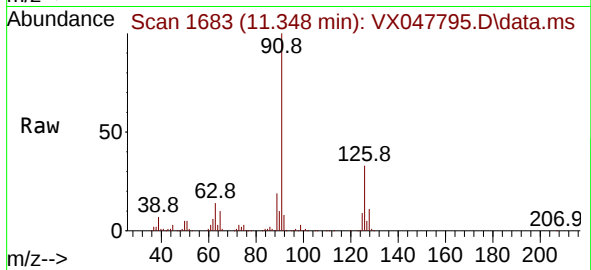
#79
2-Chlorotoluene
Concen: 49.940 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 295615
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3

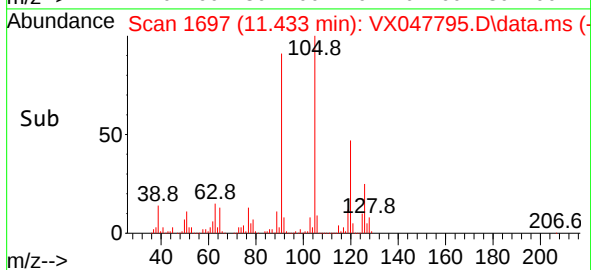
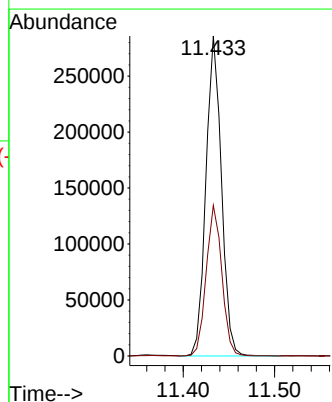
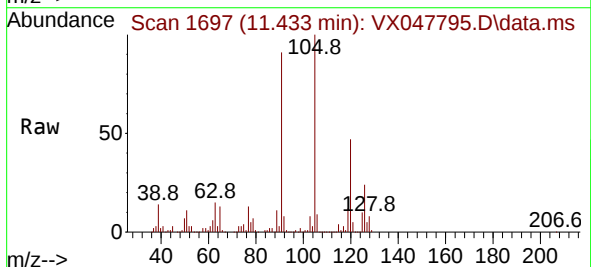
Manual Integrations
APPROVED

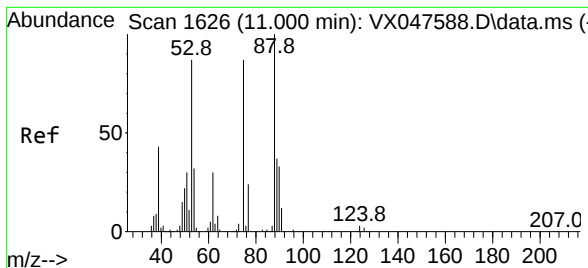
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.936 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

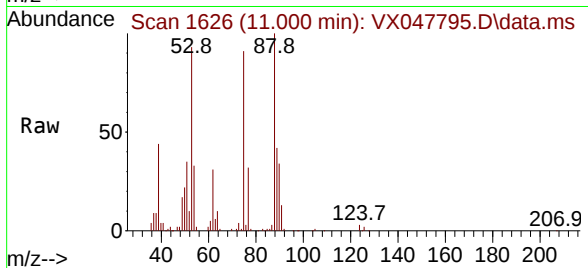
Tgt Ion:105 Resp: 335426
Ion Ratio Lower Upper
105 100
120 47.6 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.415 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

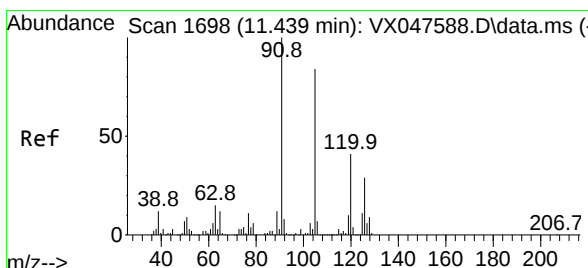
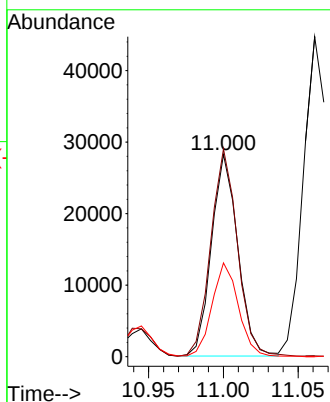
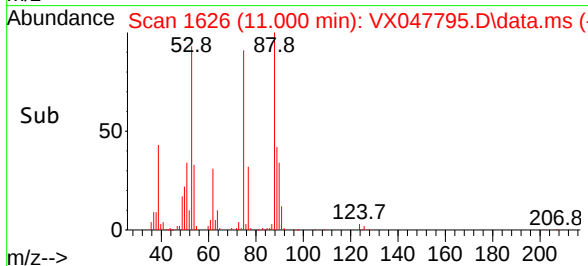
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 34500
Ion Ratio Lower Upper
75 100
53 105.3 83.4 125.2
89 46.9 36.3 54.5

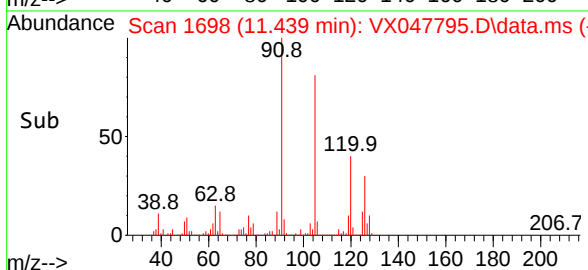
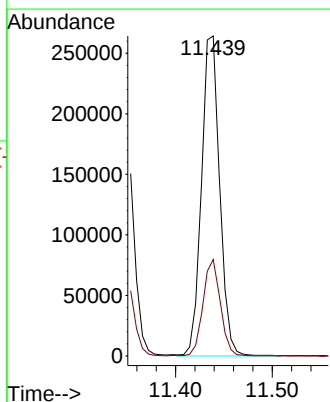
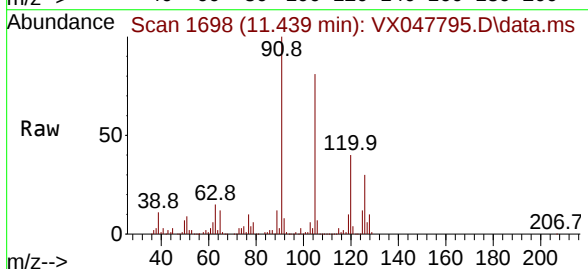
Manual Integrations
APPROVED

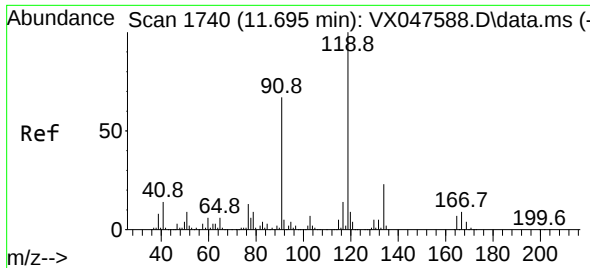
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#82
4-Chlorotoluene
Concen: 49.519 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

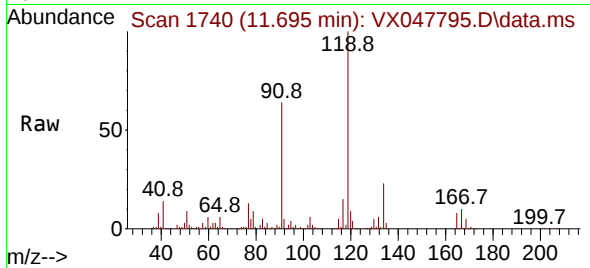
Tgt Ion: 91 Resp: 346198
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.721 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

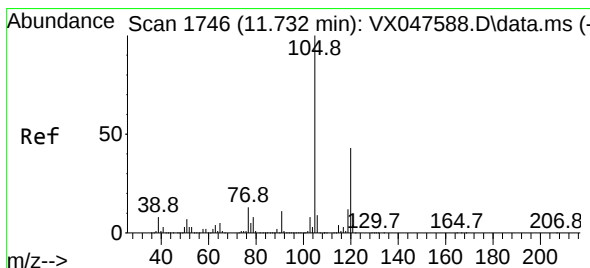
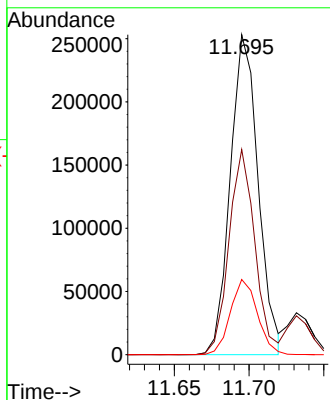
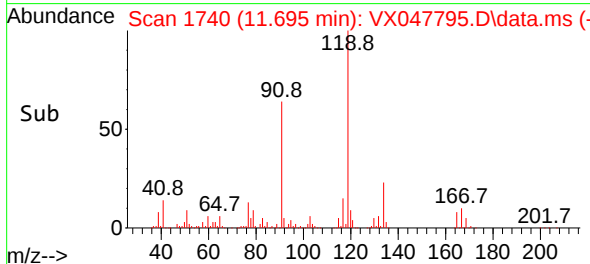
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



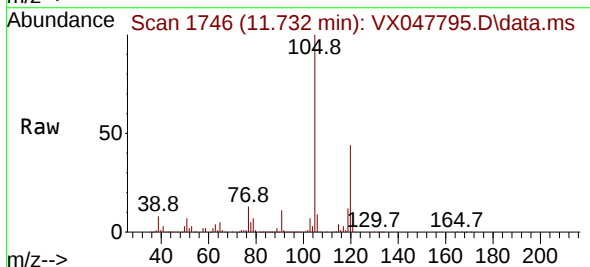
Tgt Ion:119 Resp: 328139
Ion Ratio Lower Upper
119 100
91 59.7 29.6 88.8
134 22.9 11.0 33.0

Manual Integrations
APPROVED

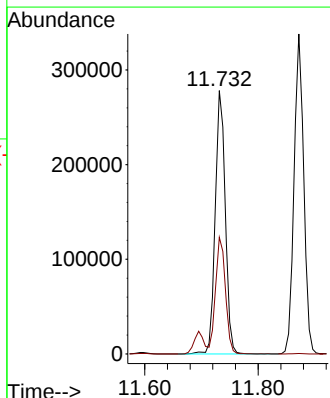
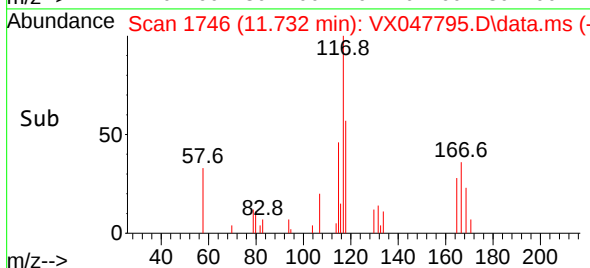
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

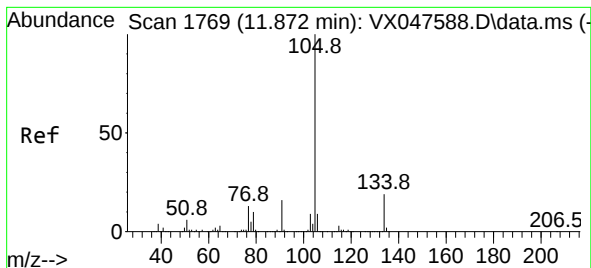


#84
1,2,4-Trimethylbenzene
Concen: 50.330 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56



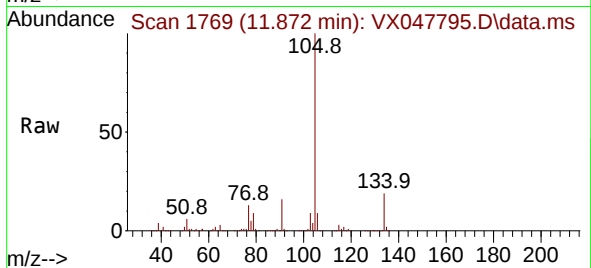
Tgt Ion:105 Resp: 342751
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 48.893 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047795.D
 Acq: 25 Sep 2025 08:56

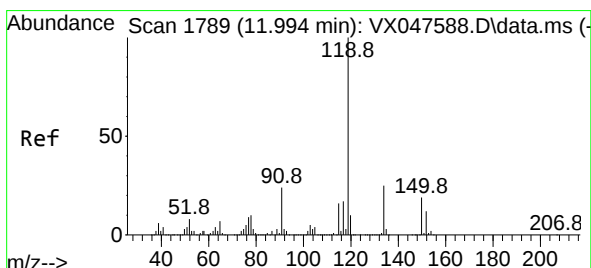
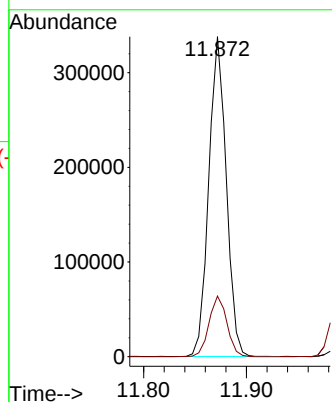
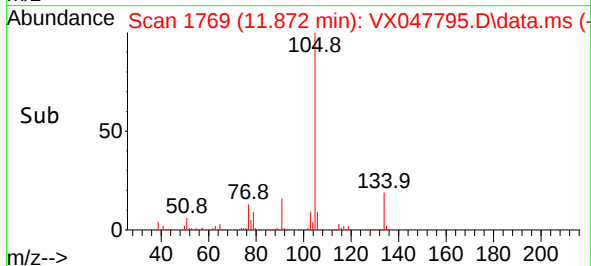
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



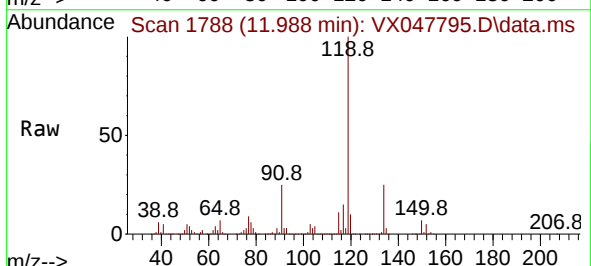
Tgt Ion:105 Resp: 399335
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5

Manual Integrations
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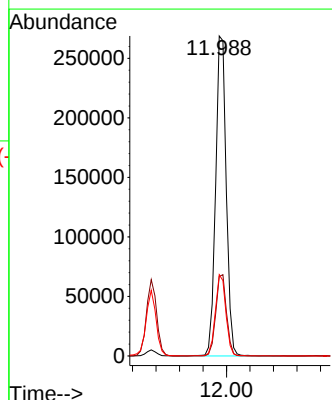
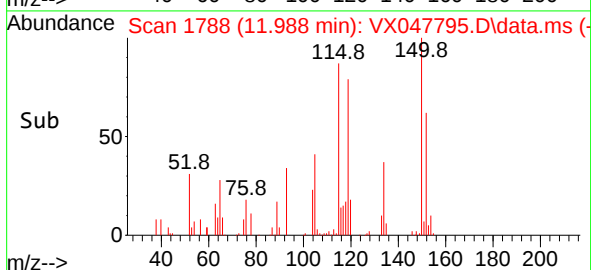
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

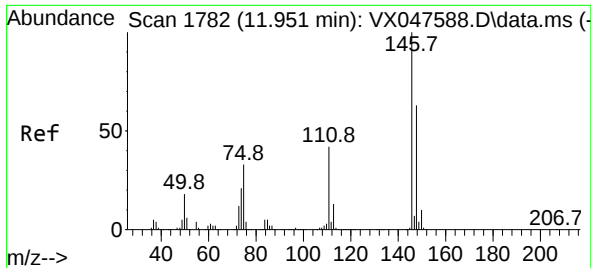


#86
 p-Isopropyltoluene
 Concen: 48.621 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX047795.D
 Acq: 25 Sep 2025 08:56



Tgt Ion:119 Resp: 336196
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.2 12.6 37.6





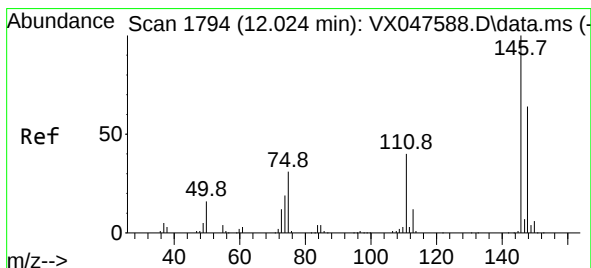
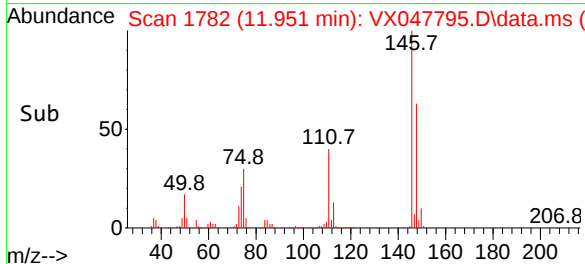
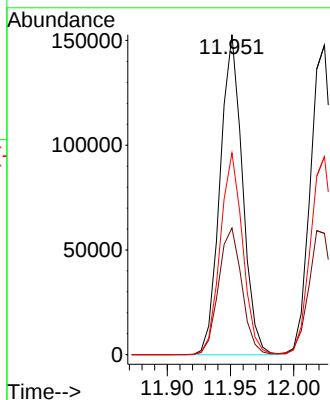
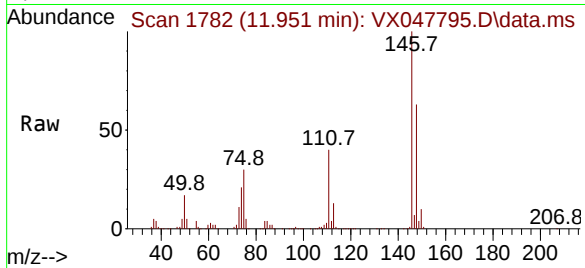
#87
1,3-Dichlorobenzene
Concen: 50.255 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 187962
Ion Ratio Lower Upper
146 100
111 41.2 21.5 64.5
148 63.0 32.0 96.0

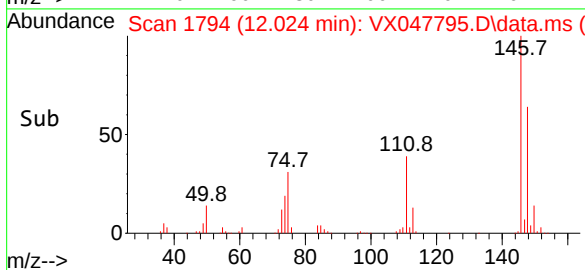
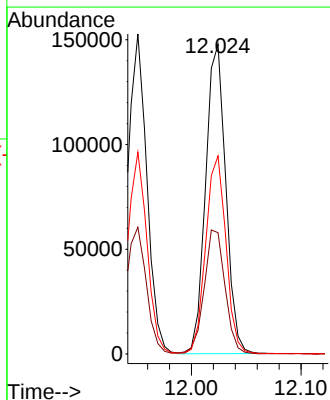
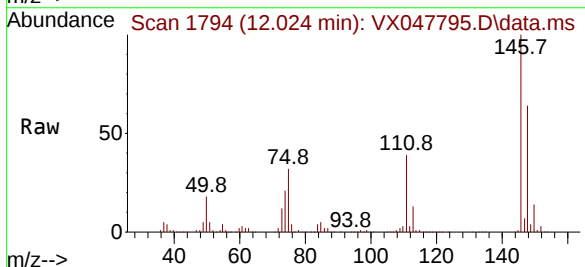
Manual Integrations
APPROVED

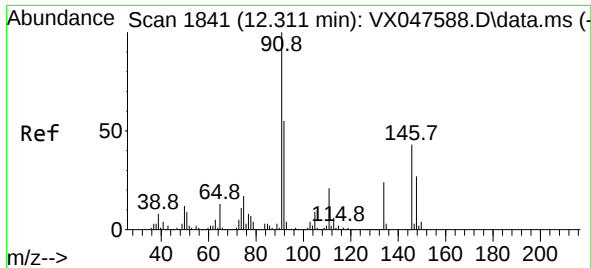
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#88
1,4-Dichlorobenzene
Concen: 49.035 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

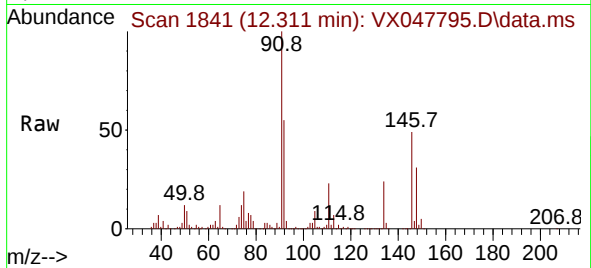
Tgt Ion:146 Resp: 188229
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.4
148 64.9 31.7 95.1





#89
n-Butylbenzene
Concen: 46.765 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

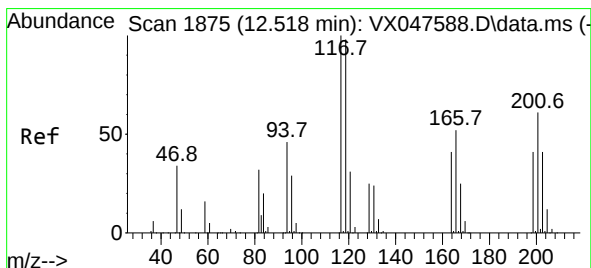
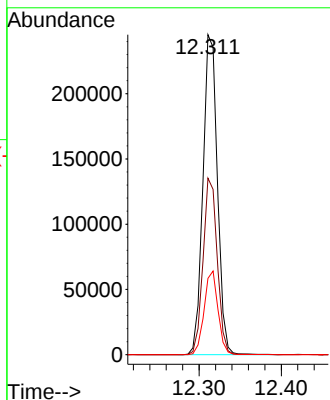
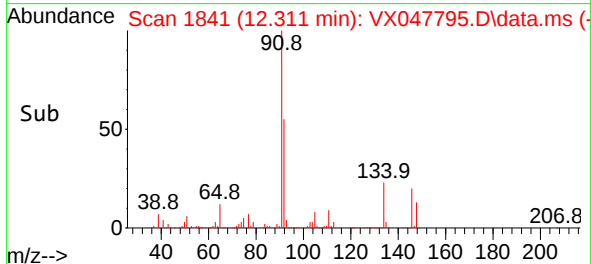
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 299204
Ion Ratio Lower Upper
91 100
92 54.3 27.6 82.7
134 25.2 12.6 37.8

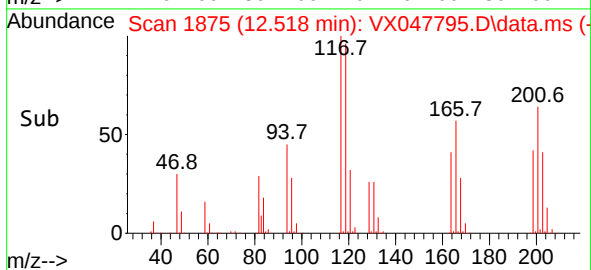
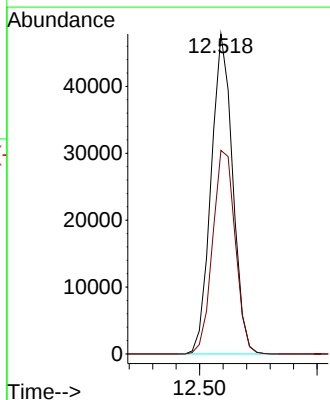
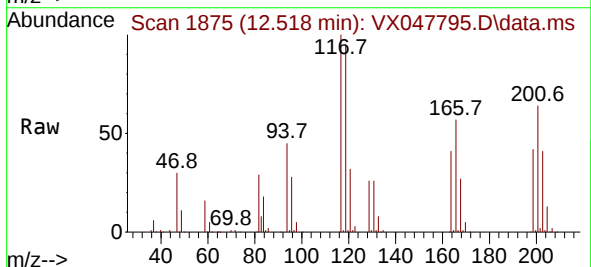
Manual Integrations
APPROVED

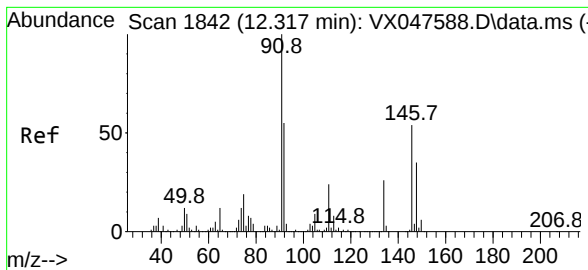
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#90
Hexachloroethane
Concen: 50.062 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

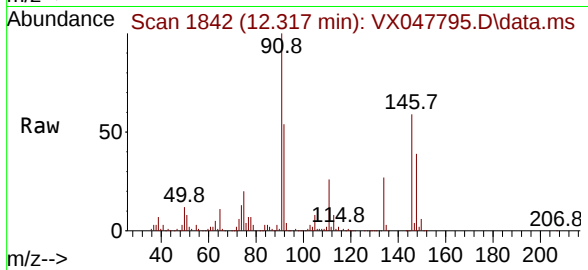
Tgt Ion:117 Resp: 60775
Ion Ratio Lower Upper
117 100
201 67.0 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.965 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

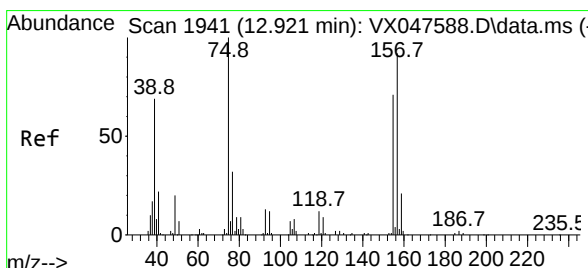
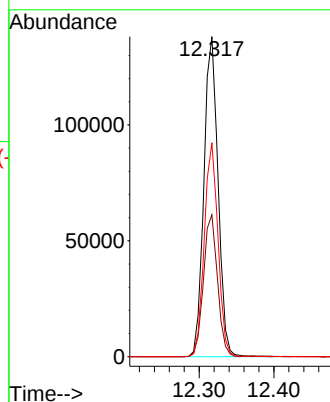
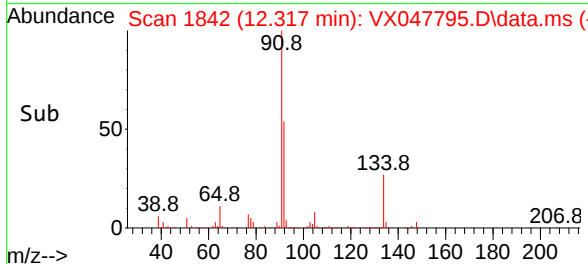
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



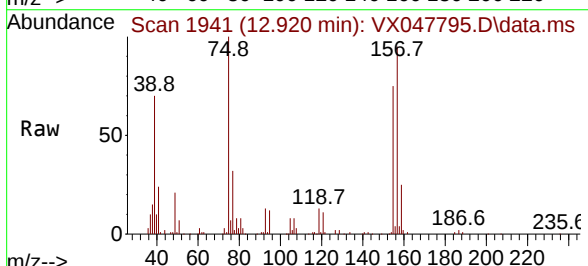
Tgt Ion:146 Resp: 181599
Ion Ratio Lower Upper
146 100
111 43.7 22.2 66.6
148 64.9 31.8 95.4

Manual Integrations
APPROVED

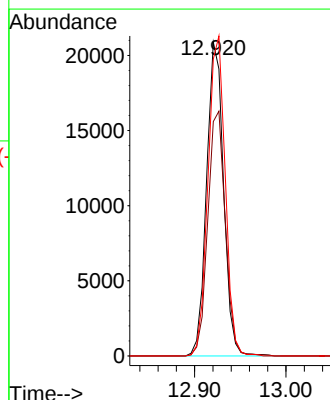
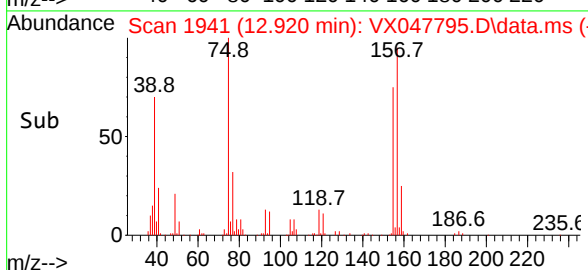
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

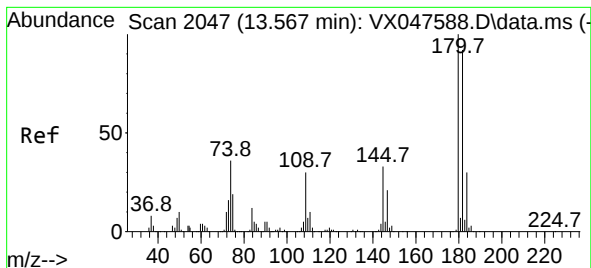


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.714 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56



Tgt Ion: 75 Resp: 26900
Ion Ratio Lower Upper
75 100
155 80.8 37.7 113.1
157 103.2 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 48.251 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

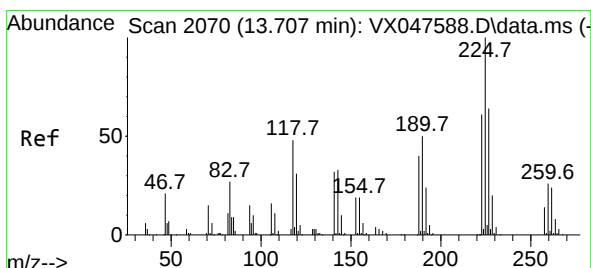
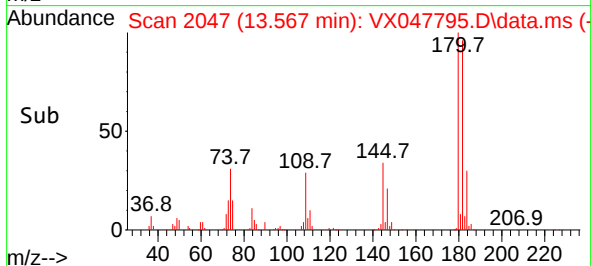
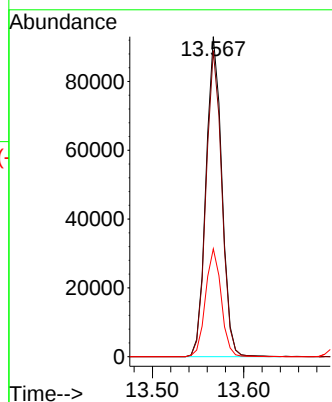
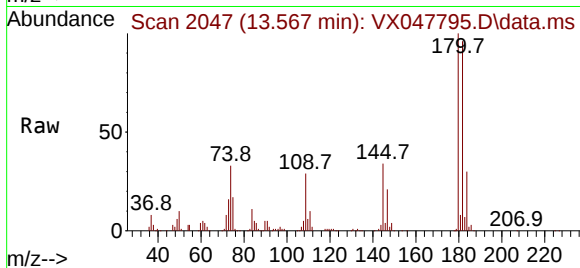
Tgt Ion:180	Resp: 111739
Ion Ratio	Lower Upper
180	100
182	95.1 46.6 139.8
145	33.3 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#94

Hexachlorobutadiene

Concen: 46.224 ug/l

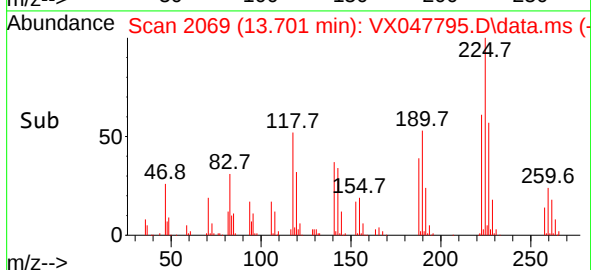
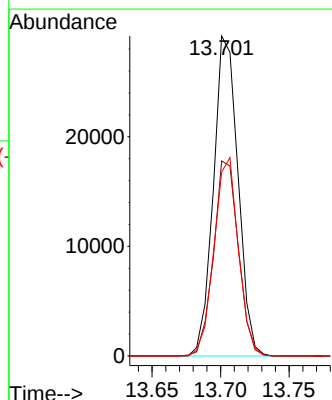
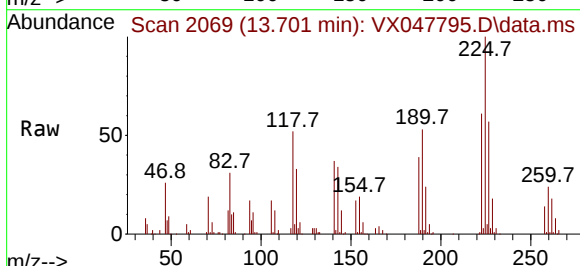
RT: 13.701 min Scan# 2069

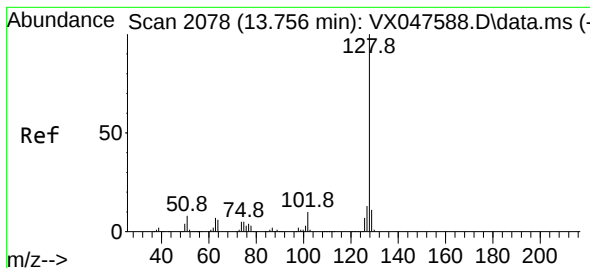
Delta R.T. -0.006 min

Lab File: VX047795.D

Acq: 25 Sep 2025 08:56

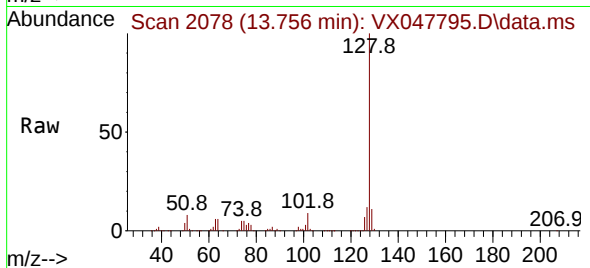
Tgt Ion:225	Resp: 36360
Ion Ratio	Lower Upper
225	100
223	61.7 31.7 95.1
227	61.5 32.0 96.0





#95
Naphthalene
Concen: 52.388 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56

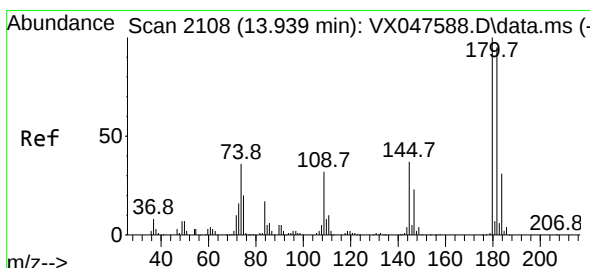
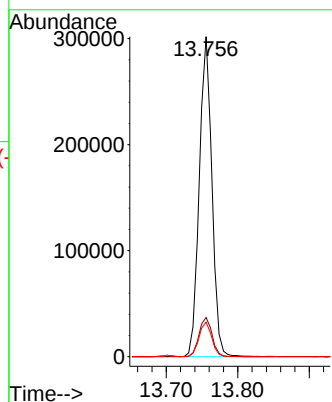
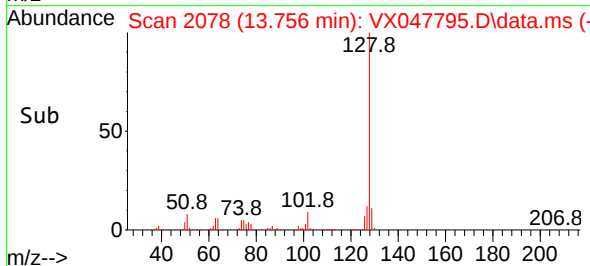
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



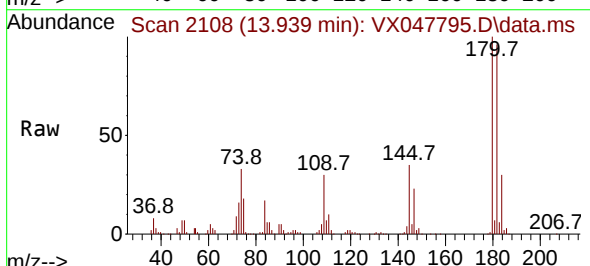
Tgt Ion:128 Resp: 369424
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.695 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047795.D
Acq: 25 Sep 2025 08:56



Tgt Ion:180 Resp: 109206
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.8
145 34.7 17.9 53.7

