

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047216.D
 Acq On : 04 Aug 2025 09:44
 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 08/05/2025
 Supervised By : Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 02:52:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	285086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	469873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	406977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	194547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160683	45.247	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.500%		
35) Dibromofluoromethane	5.385	113	143217	49.366	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	404675	43.072	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.140%#		
62) 4-Bromofluorobenzene	11.079	95	183638	45.356	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	191706	50.626	ug/l	100
3) Chloromethane	1.313	50	165046	44.063	ug/l	100
4) Vinyl Chloride	1.392	62	205304	50.989	ug/l	99
5) Bromomethane	1.630	94	101104	46.225	ug/l	94
6) Chloroethane	1.703	64	118821	44.931	ug/l	97
7) Trichlorofluoromethane	1.904	101	308773	51.428	ug/l	99
8) Diethyl Ether	2.142	74	107251	50.663	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	184458	50.994	ug/l	99
10) Methyl Iodide	2.465	142	259706	70.446	ug/l	99
11) Tert butyl alcohol	2.953	59	81580	194.217	ug/l	100
12) 1,1-Dichloroethene	2.337	96	176131	49.161	ug/l	96
13) Acrolein	2.246	56	173095	226.371	ug/l	99
14) Allyl chloride	2.678	41	296080	45.718	ug/l	93
15) Acrylonitrile	3.075	53	390085	230.315	ug/l	99
16) Acetone	2.386	43	384040	269.947	ug/l	98
17) Carbon Disulfide	2.526	76	447430	43.169	ug/l	100
18) Methyl Acetate	2.709	43	213655	56.513	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	548333	50.289	ug/l	100
20) Methylene Chloride	2.800	84	189380	48.387	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	176250	48.074	ug/l	98
22) Diisopropyl ether	3.764	45	640446	51.436	ug/l	92
23) Vinyl Acetate	3.727	43	2417166	242.038	ug/l	100
24) 1,1-Dichloroethane	3.617	63	348228	50.294	ug/l	99
25) 2-Butanone	4.556	43	458934	221.547	ug/l	97
26) 2,2-Dichloropropane	4.483	77	267458	49.902	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	212196	48.877	ug/l	100
28) Bromochloromethane	4.898	49	165950	52.097	ug/l	98
29) Tetrahydrofuran	5.013	42	280967	210.217	ug/l	98
30) Chloroform	5.099	83	347550	49.312	ug/l	99
31) Cyclohexane	5.477	56	292553	44.067	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	300668	49.115	ug/l	99
36) 1,1-Dichloropropene	5.696	75	229732	46.455	ug/l	100
37) Ethyl Acetate	4.715	43	204751	44.933	ug/l	98
38) Carbon Tetrachloride	5.684	117	259382	49.142	ug/l	97
39) Methylcyclohexane	7.379	83	280315	45.399	ug/l	96
40) Benzene	6.038	78	694725	48.543	ug/l	100

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Quant Time: Aug 05 02:52:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	106459	44.682	ug/l	96
42) 1,2-Dichloroethane	6.086	62	253198	50.224	ug/l	98
43) Isopropyl Acetate	6.336	43	335632	47.246	ug/l	99
44) Trichloroethene	7.129	130	174961	47.674	ug/l	99
45) 1,2-Dichloropropane	7.428	63	177404	49.493	ug/l	96
46) Dibromomethane	7.580	93	123866	49.278	ug/l	100
47) Bromodichloromethane	7.818	83	274423	51.292	ug/l	96
48) Methyl methacrylate	7.690	41	174048	44.973	ug/l	99
49) 1,4-Dioxane	7.732	88	38376	871.859	ug/l #	60
51) 4-Methyl-2-Pentanone	8.574	43	949990	224.982	ug/l	99
52) Toluene	8.714	92	425441	48.346	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	252131	49.904	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	276296	49.966	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	162000	49.088	ug/l	99
56) Ethyl methacrylate	9.116	69	240675	49.262	ug/l	99
57) 1,3-Dichloropropane	9.305	76	276179	48.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	611669	224.985	ug/l	100
59) 2-Hexanone	9.427	43	636703	228.231	ug/l	100
60) Dibromochloromethane	9.519	129	196563	50.784	ug/l	100
61) 1,2-Dibromoethane	9.604	107	160847	46.612	ug/l	99
64) Tetrachloroethene	9.269	164	139292	47.477	ug/l	92
65) Chlorobenzene	10.080	112	468171	49.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	166480	51.864	ug/l	97
67) Ethyl Benzene	10.189	91	821556	49.284	ug/l	100
68) m/p-Xylenes	10.299	106	603645	96.765	ug/l	99
69) o-Xylene	10.640	106	297631	50.152	ug/l	99
70) Styrene	10.653	104	511226	50.237	ug/l	100
71) Bromoform	10.799	173	121609	49.874	ug/l	100
73) Isopropylbenzene	10.957	105	784193	51.092	ug/l	100
74) N-amyl acetate	10.842	43	284347	45.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	212962	48.574	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	176048m	48.889	ug/l	
77) Bromobenzene	11.195	156	186001	50.524	ug/l	100
78) n-propylbenzene	11.299	91	920270	50.175	ug/l	99
79) 2-Chlorotoluene	11.360	91	543096	49.535	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	641402	50.583	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	49744	35.590	ug/l	99
82) 4-Chlorotoluene	11.451	91	641761	50.148	ug/l	99
83) tert-Butylbenzene	11.713	119	652510	51.270	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	639445	50.558	ug/l	99
85) sec-Butylbenzene	11.884	105	798987	50.244	ug/l	99
86) p-Isopropyltoluene	12.006	119	667051	50.584	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	346190	49.491	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	347191	48.991	ug/l	98
89) n-Butylbenzene	12.329	91	622379	50.327	ug/l	100
90) Hexachloroethane	12.536	117	122040	51.731	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	328382	49.119	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40366	47.965	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	220690	49.963	ug/l	99
94) Hexachlorobutadiene	13.725	225	74113	49.336	ug/l	96
95) Naphthalene	13.774	128	635607	49.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	209669	49.272	ug/l	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

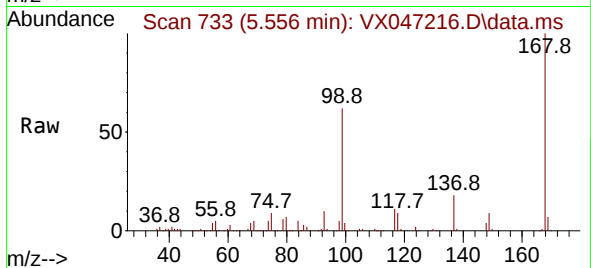
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

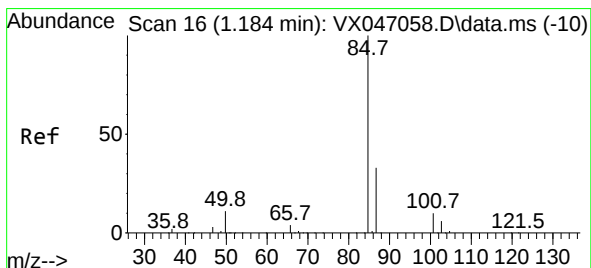
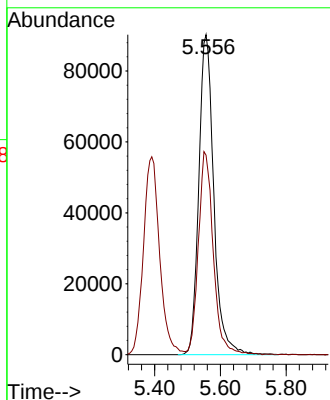
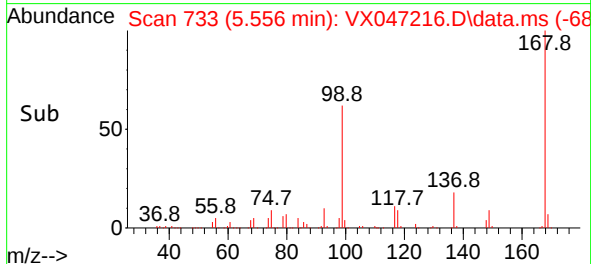
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 28508
Ion Ratio Lower Upper
168 100
99 62.3 48.0 72.0

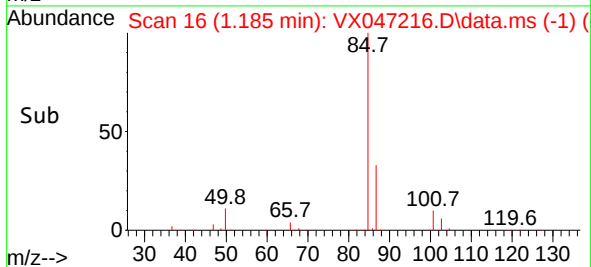
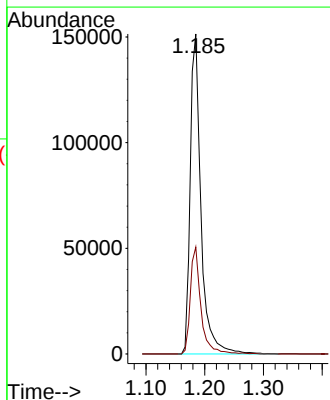
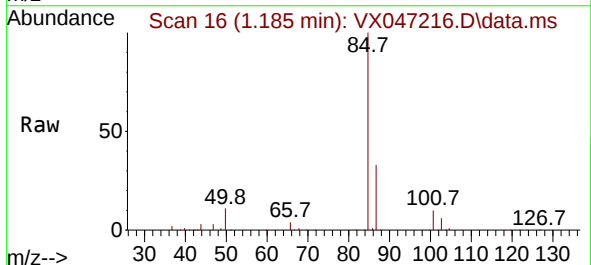
Manual Integrations
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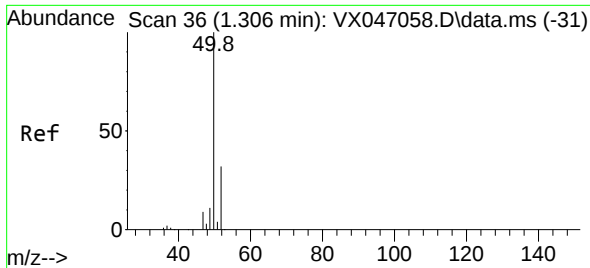
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#2
Dichlorodifluoromethane
Concen: 50.626 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

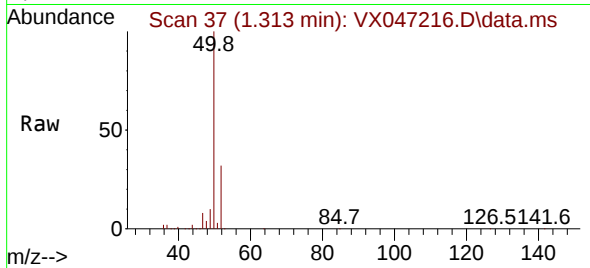
Tgt Ion: 85 Resp: 191706
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.8





#3
Chloromethane
Concen: 44.063 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

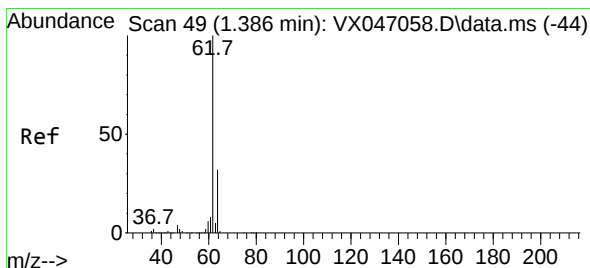
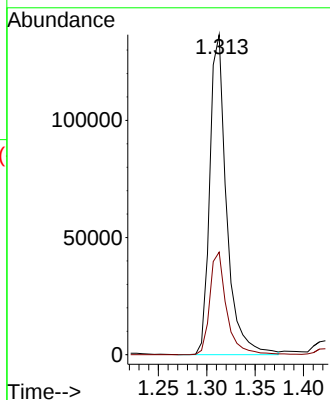
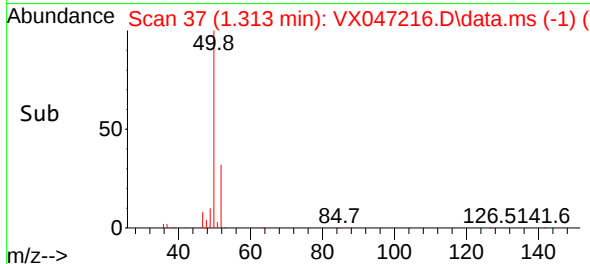
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 165040
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2

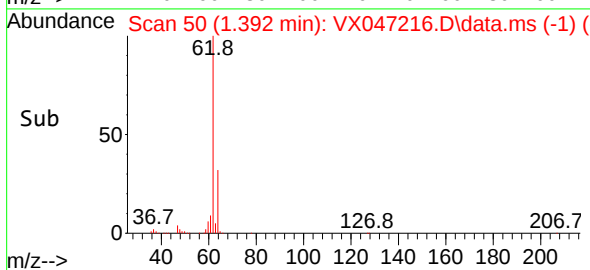
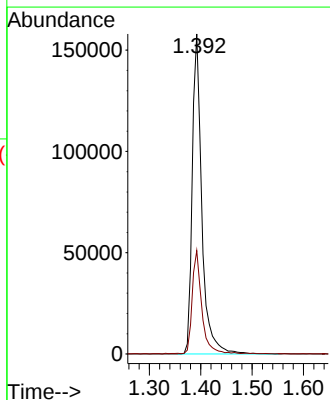
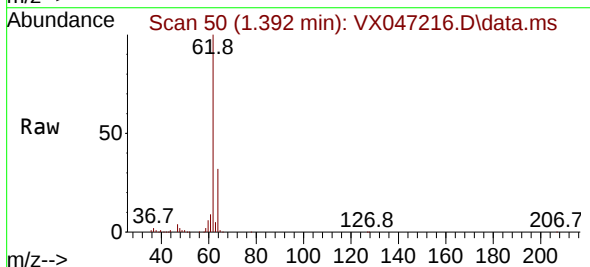
Manual Integrations
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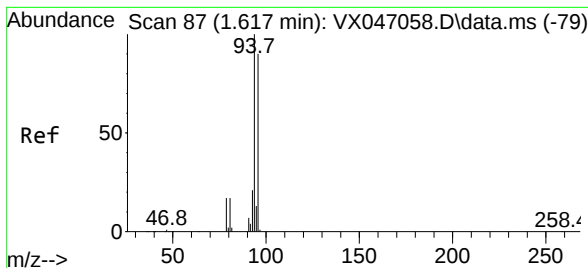
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#4
Vinyl Chloride
Concen: 50.989 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 62 Resp: 205304
Ion Ratio Lower Upper
62 100
64 32.2 25.2 37.8





#5

Bromomethane

Concen: 46.225 ug/l

RT: 1.630 min Scan# 89

Delta R.T. 0.013 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 101104

Ion Ratio Lower Upper

94 100

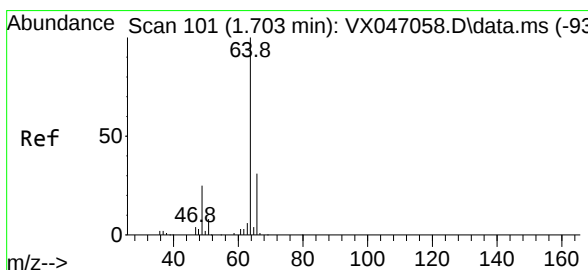
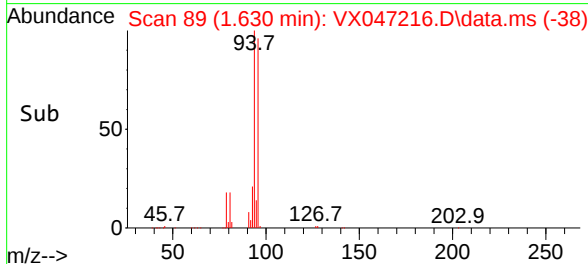
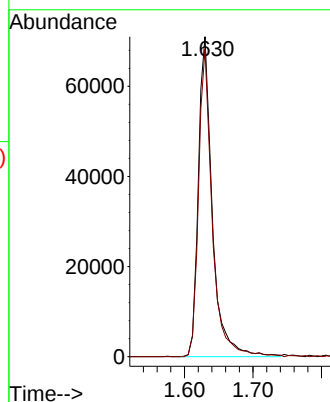
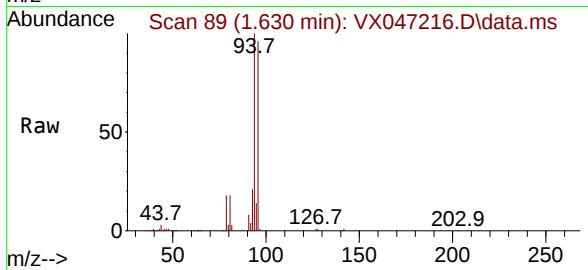
96 96.1 72.3 108.5

Manual Integrations

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Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#6

Chloroethane

Concen: 44.931 ug/l

RT: 1.703 min Scan# 101

Delta R.T. 0.000 min

Lab File: VX047216.D

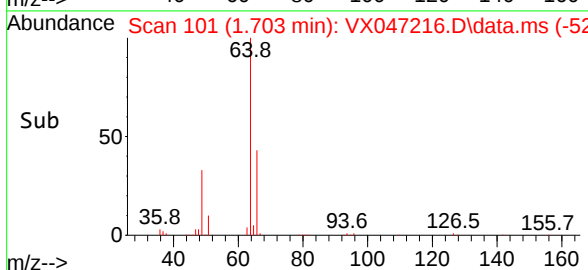
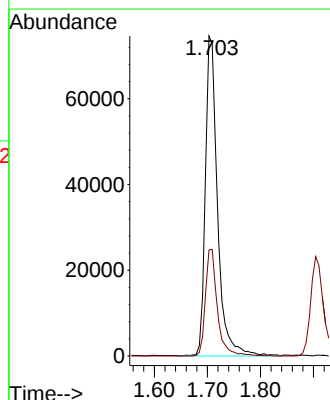
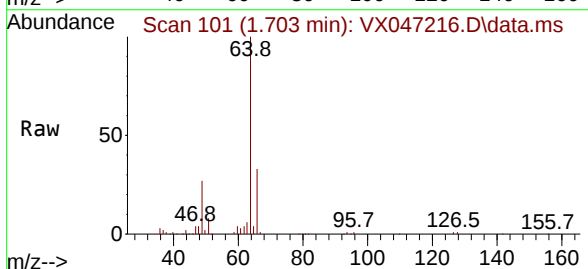
Acq: 04 Aug 2025 09:44

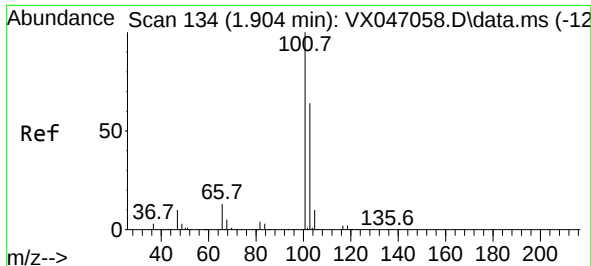
Tgt Ion: 64 Resp: 118821

Ion Ratio Lower Upper

64 100

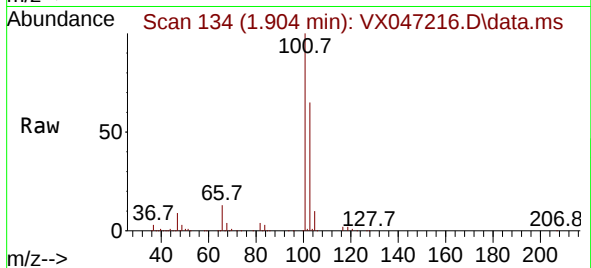
66 33.2 25.0 37.6





#7
Trichlorofluoromethane
Concen: 51.428 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

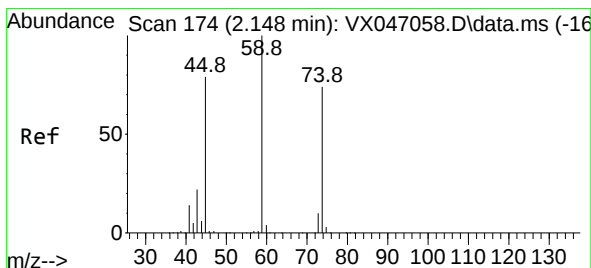
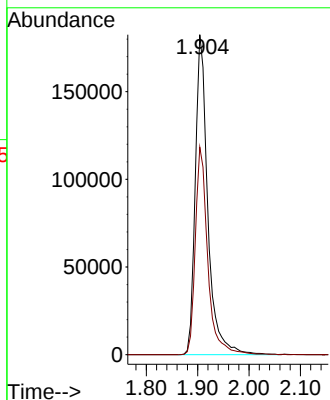
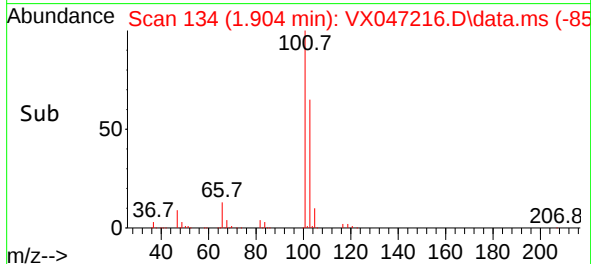
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 30877
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3

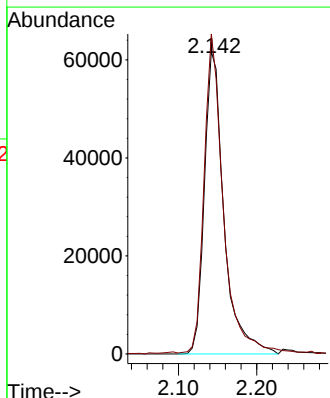
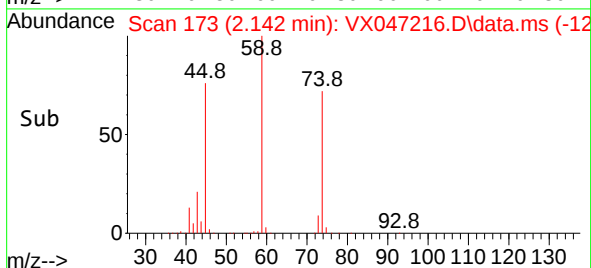
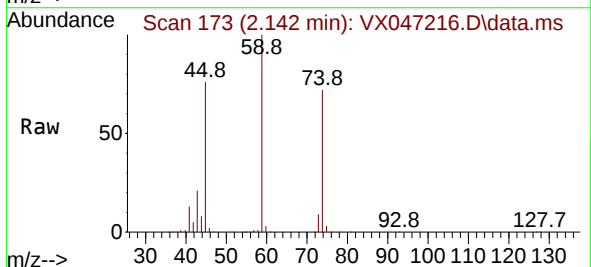
Manual Integrations
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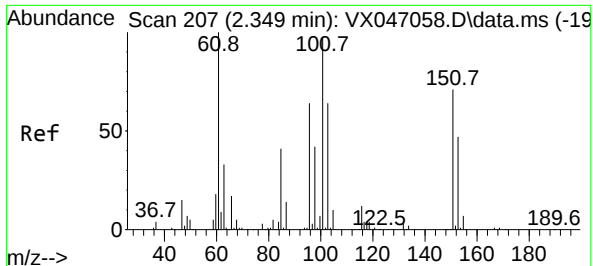
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#8
Diethyl Ether
Concen: 50.663 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

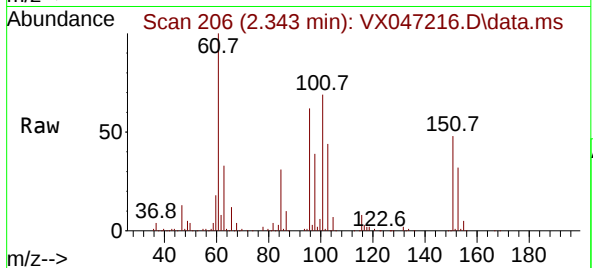
Tgt Ion: 74 Resp: 107251
Ion Ratio Lower Upper
74 100
45 105.0 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.994 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

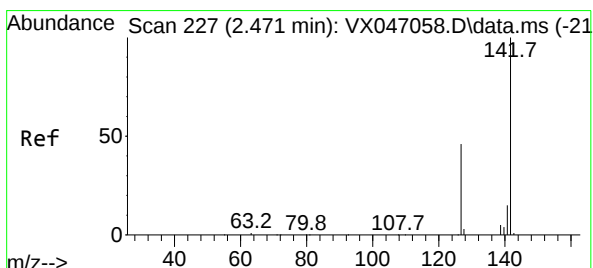
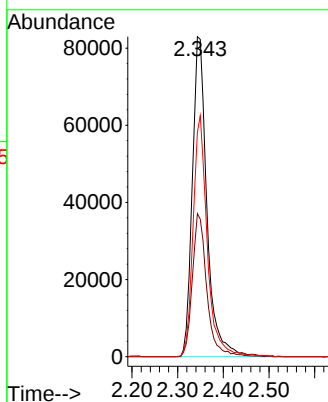
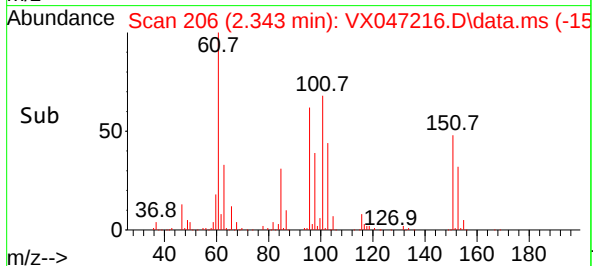
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 184458
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 73.1 59.2 88.8

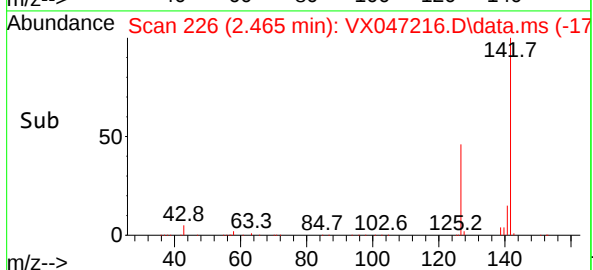
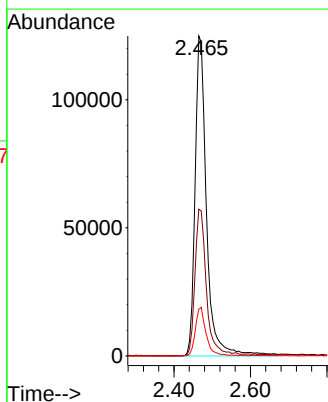
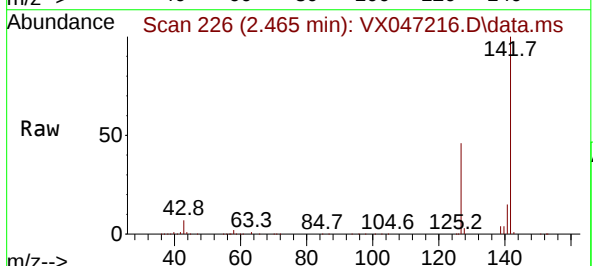
Manual Integrations
APPROVED

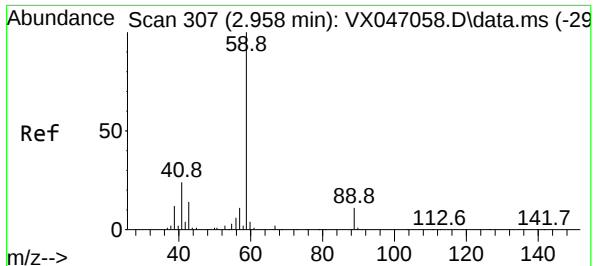
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#10
Methyl Iodide
Concen: 70.446 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion:142 Resp: 259706
Ion Ratio Lower Upper
142 100
127 46.3 36.6 54.8
141 14.3 10.9 16.3





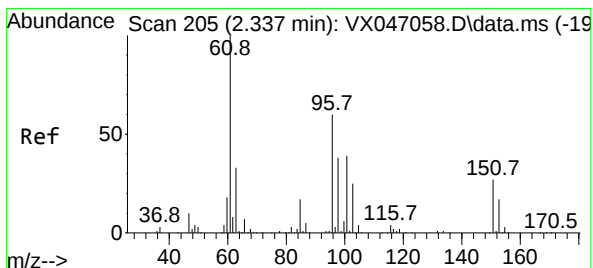
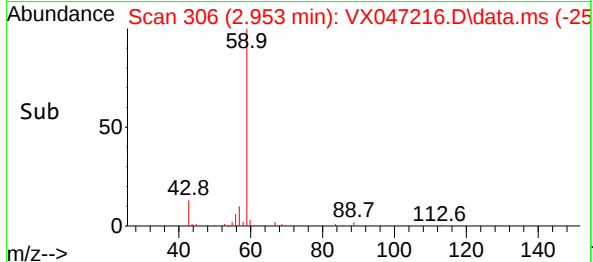
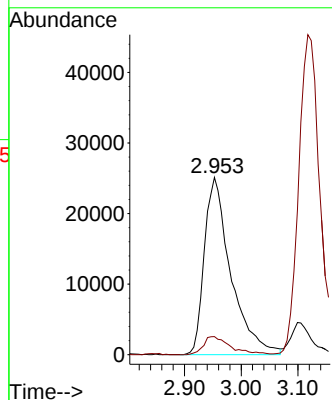
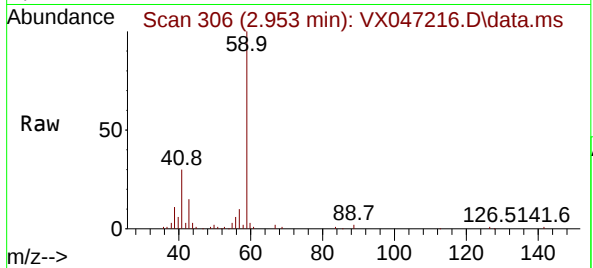
#11
Tert butyl alcohol
Concen: 194.217 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 81580
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

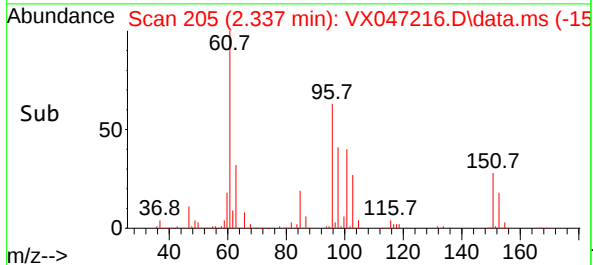
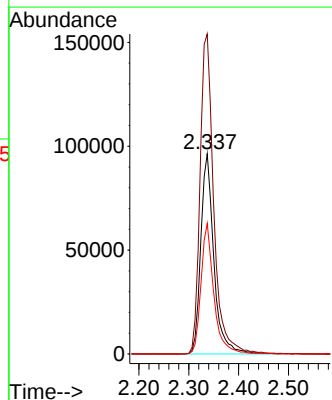
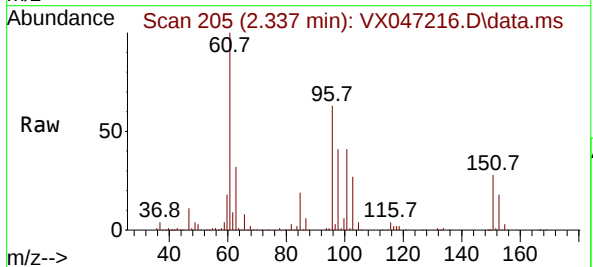
Manual Integrations
APPROVED

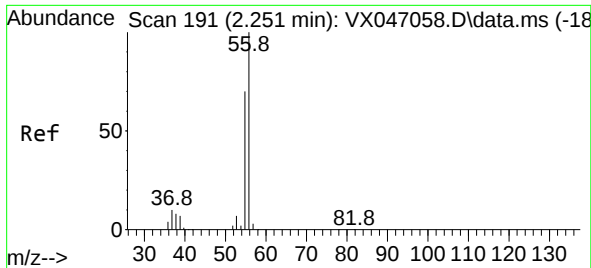
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#12
1,1-Dichloroethene
Concen: 49.161 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 96 Resp: 176131
Ion Ratio Lower Upper
96 100
61 159.8 132.6 198.8
98 65.2 50.2 75.4





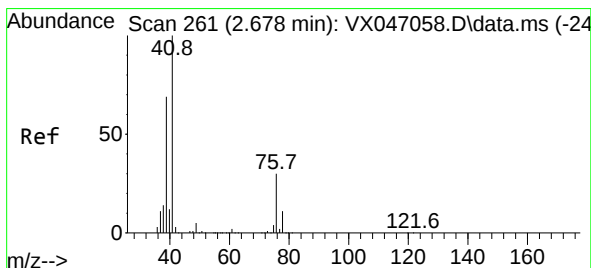
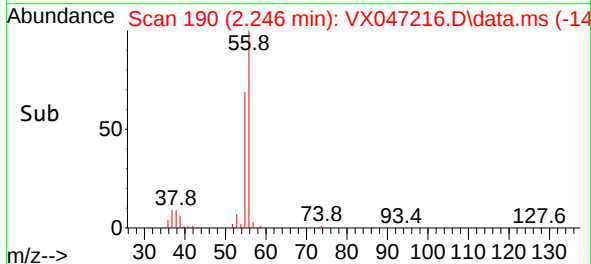
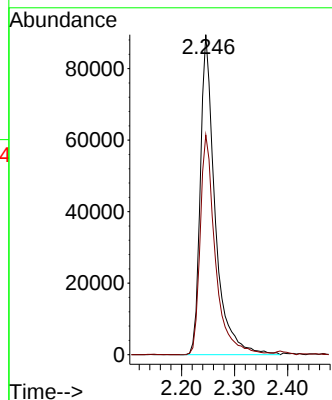
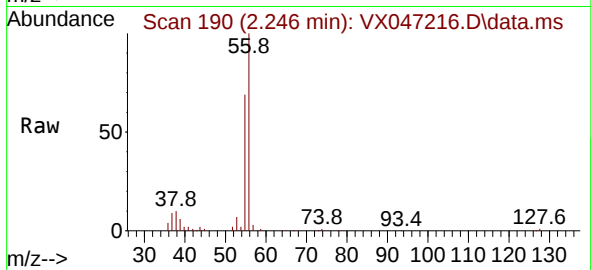
#13
Acrolein
Concen: 226.371 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 173095
Ion Ratio Lower Upper
56 100
55 70.8 55.7 83.5

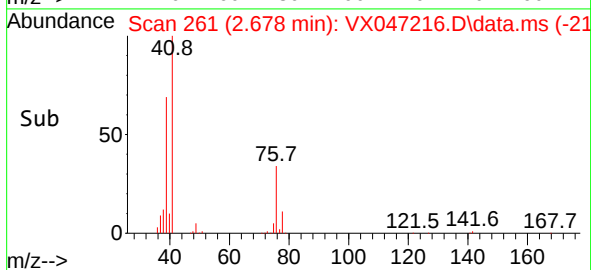
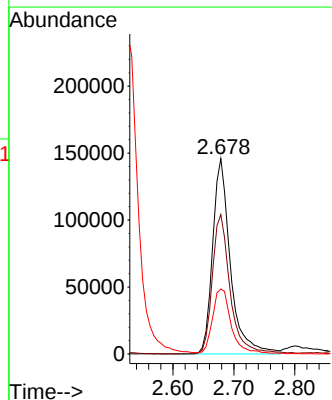
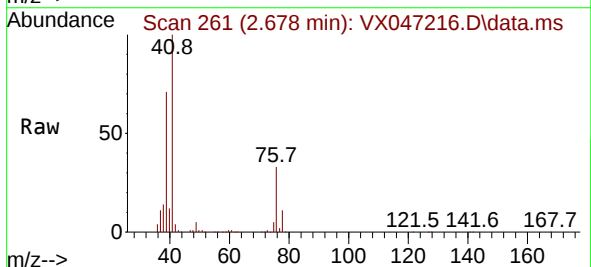
Manual Integrations
APPROVED

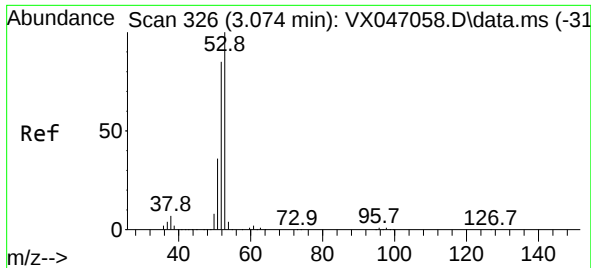
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#14
Allyl chloride
Concen: 45.718 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

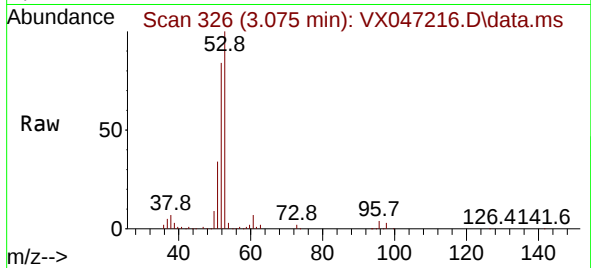
Tgt Ion: 41 Resp: 296080
Ion Ratio Lower Upper
41 100
39 71.7 52.6 78.8
76 35.2 25.7 38.5





#15
Acrylonitrile
Concen: 230.315 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

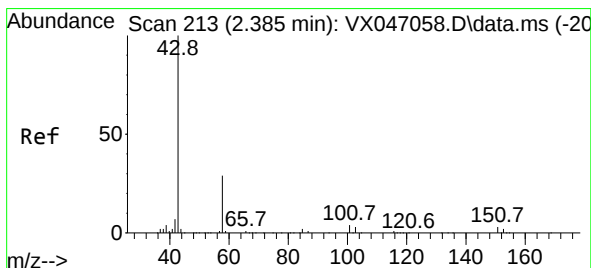
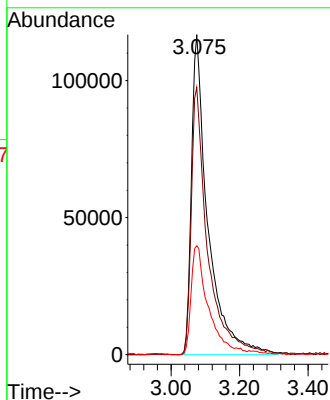
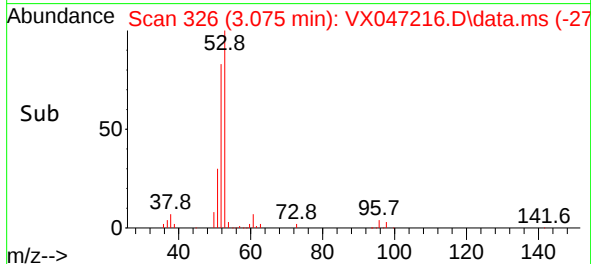
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



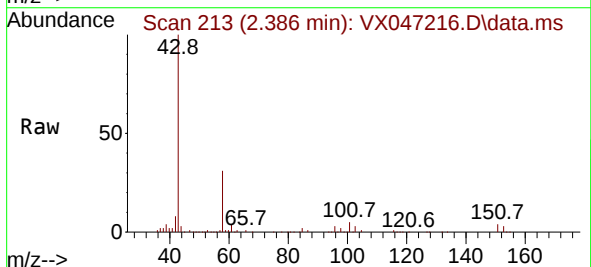
Tgt Ion: 53 Resp: 390085
Ion Ratio Lower Upper
53 100
52 82.8 65.7 98.5
51 35.8 28.8 43.2

Manual Integrations
APPROVED

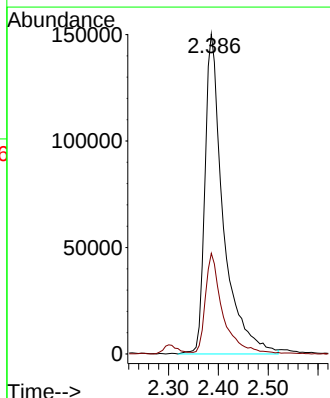
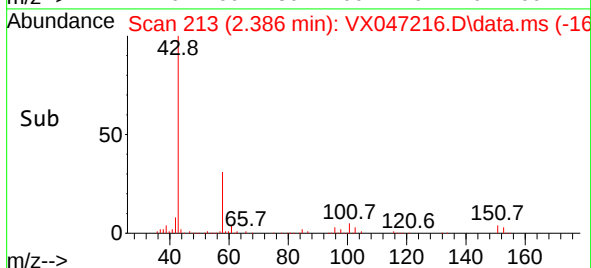
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

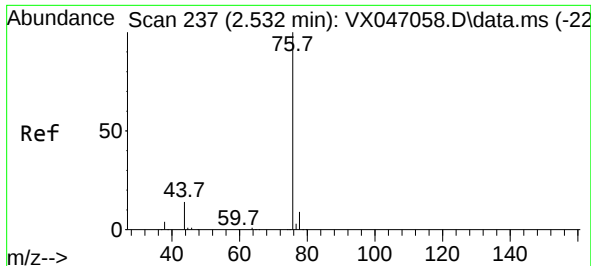


#16
Acetone
Concen: 269.947 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44



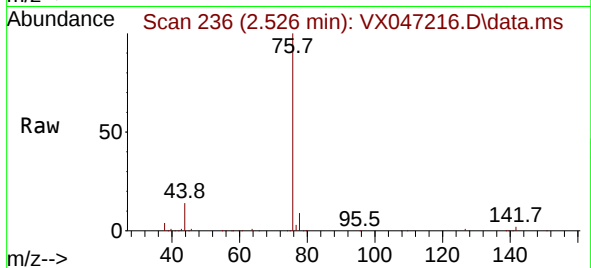
Tgt Ion: 43 Resp: 384040
Ion Ratio Lower Upper
43 100
58 31.1 24.0 36.0





#17
Carbon Disulfide
Concen: 43.169 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

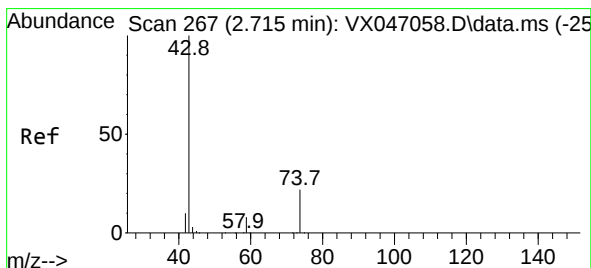
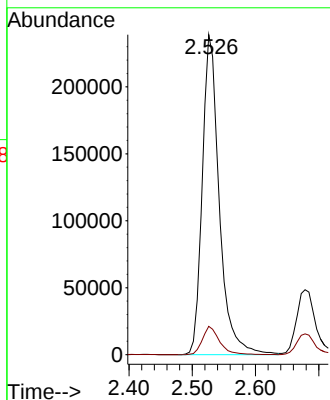
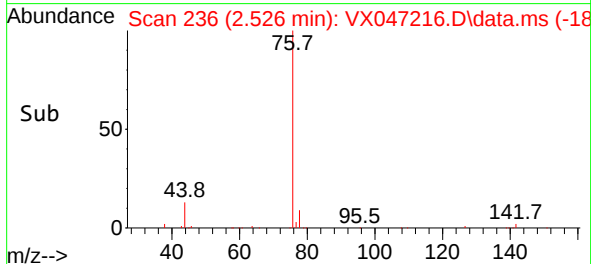
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 447430
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

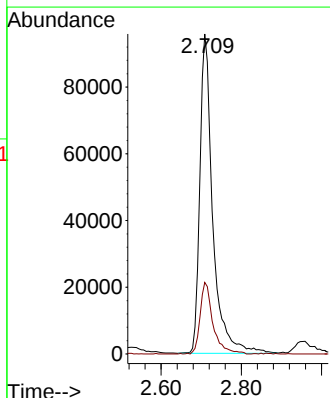
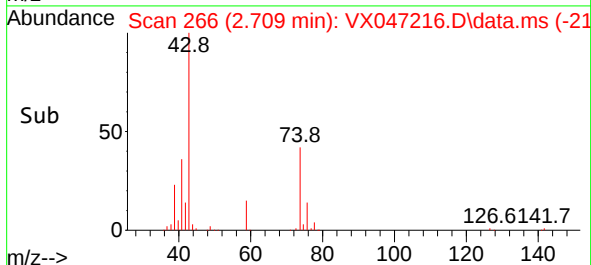
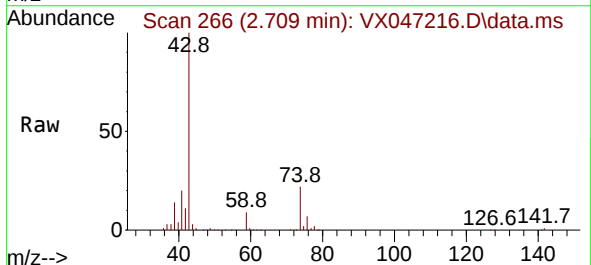
Manual Integrations
APPROVED

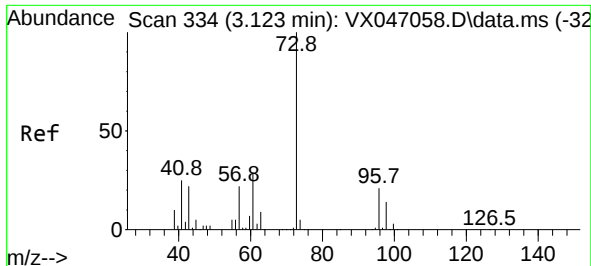
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#18
Methyl Acetate
Concen: 56.513 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 43 Resp: 213655
Ion Ratio Lower Upper
43 100
74 22.3 17.7 26.5





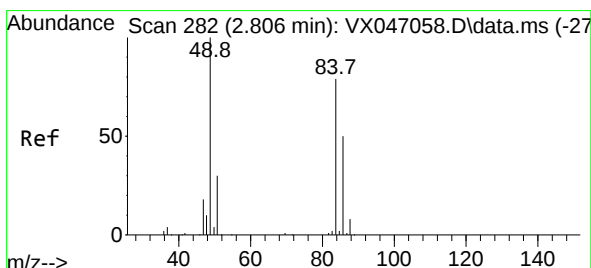
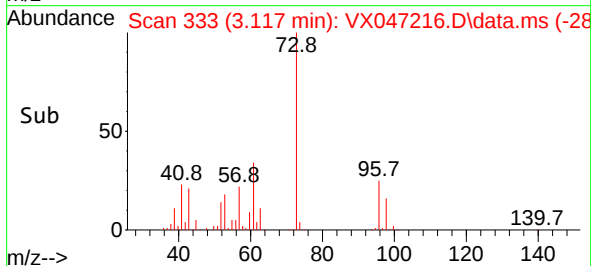
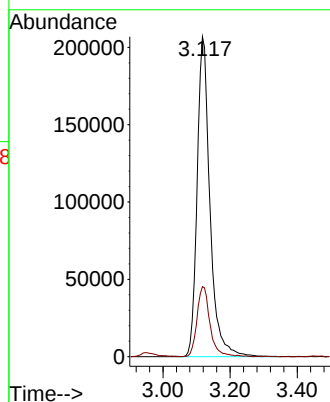
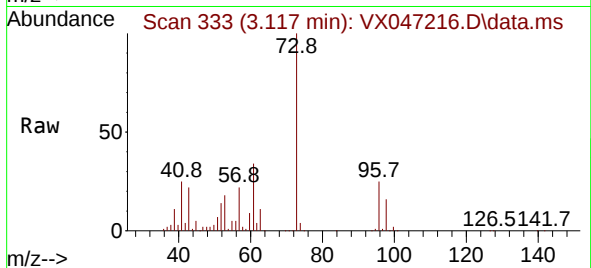
#19
Methyl tert-butyl Ether
Concen: 50.289 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 54833
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

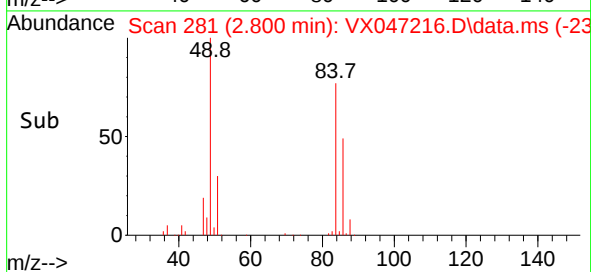
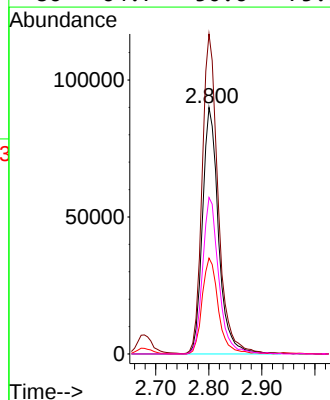
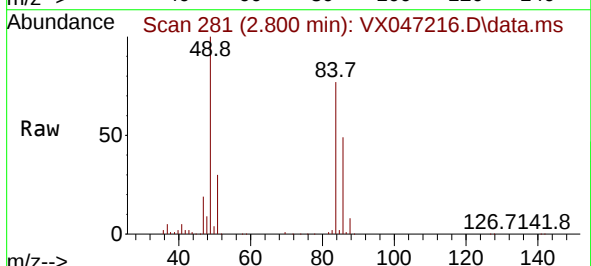
Manual Integrations
APPROVED

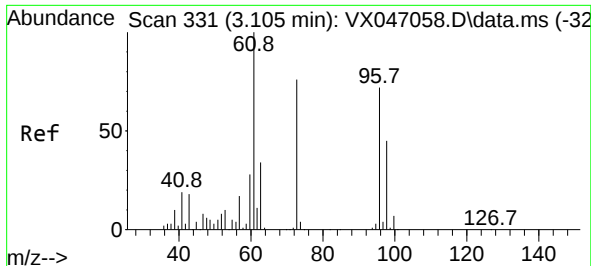
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#20
Methylene Chloride
Concen: 48.387 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

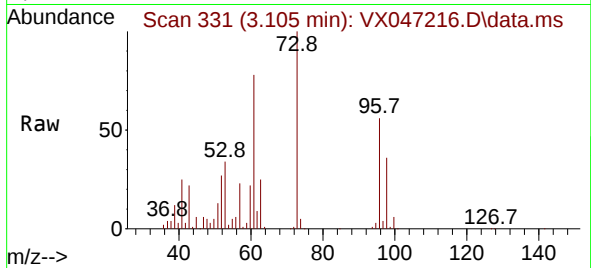
Tgt Ion: 84 Resp: 189380
Ion Ratio Lower Upper
84 100
49 129.6 101.6 152.4
51 38.9 30.3 45.5
86 64.7 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 48.074 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

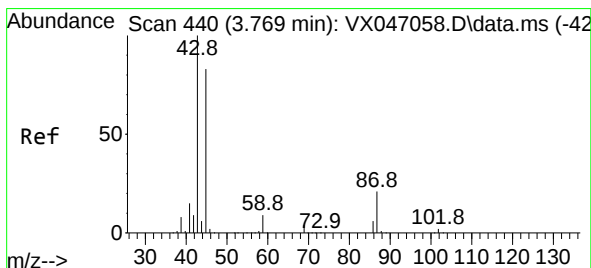
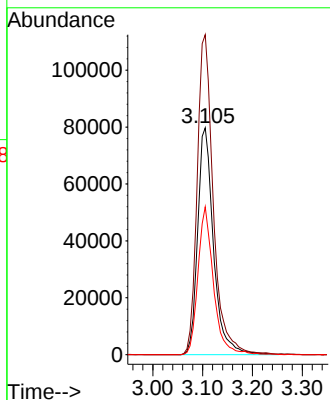
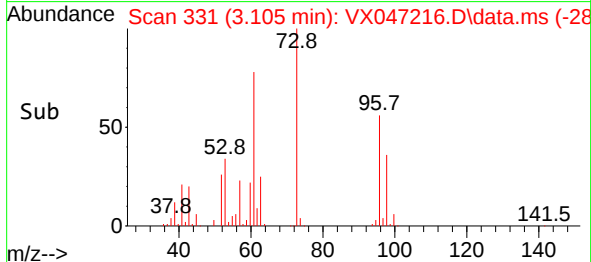
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 176250
Ion Ratio Lower Upper
96 100
61 141.0 111.1 166.7
98 65.2 49.6 74.4

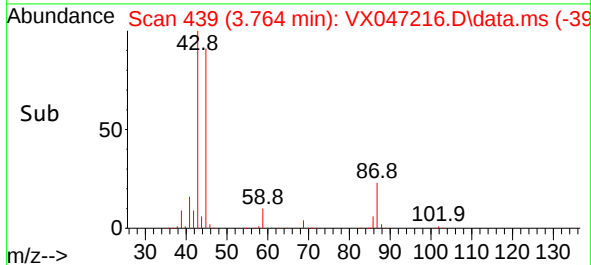
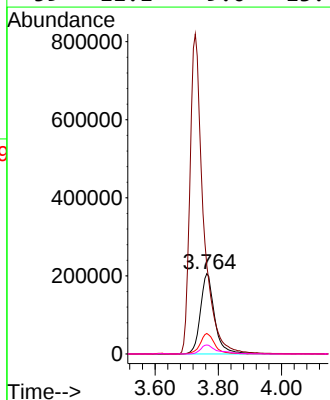
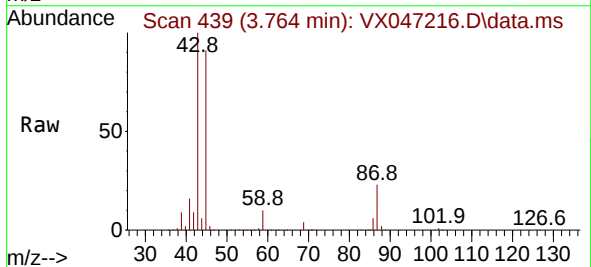
Manual Integrations
APPROVED

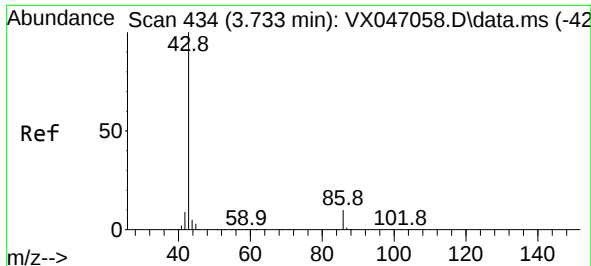
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#22
Diisopropyl ether
Concen: 51.436 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

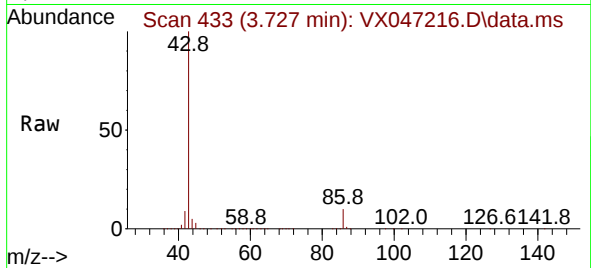
Tgt Ion: 45 Resp: 640446
Ion Ratio Lower Upper
45 100
43 109.7 96.8 145.2
87 25.4 20.5 30.7
59 11.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 242.038 ug/l
 RT: 3.727 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

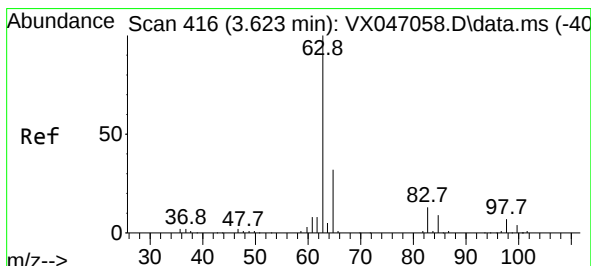
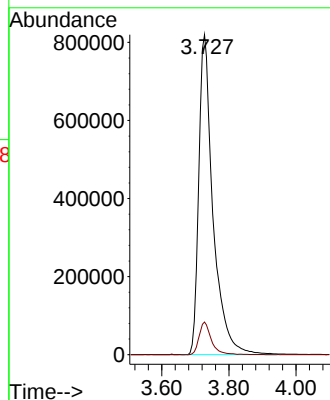
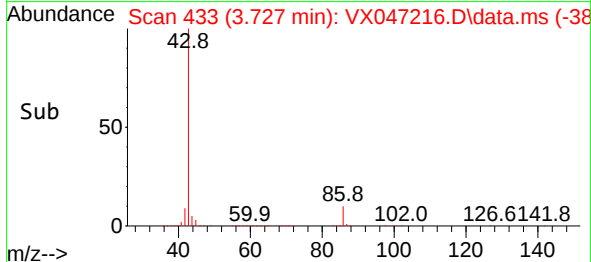
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



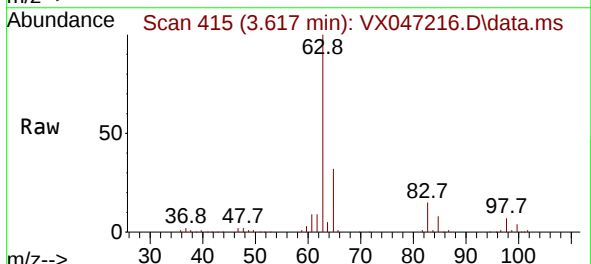
Tgt Ion: 43 Resp: 241716
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1

Manual Integrations
 APPROVED

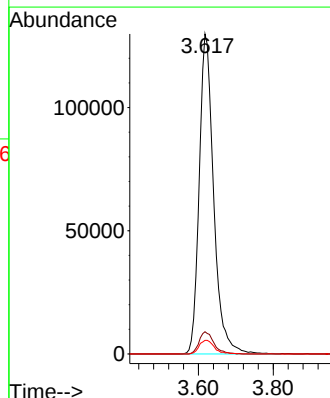
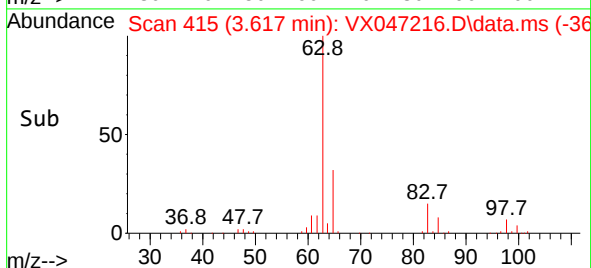
Reviewed By :John Carlone 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

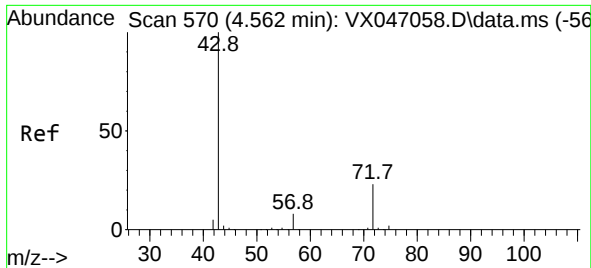


#24
 1,1-Dichloroethane
 Concen: 50.294 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44



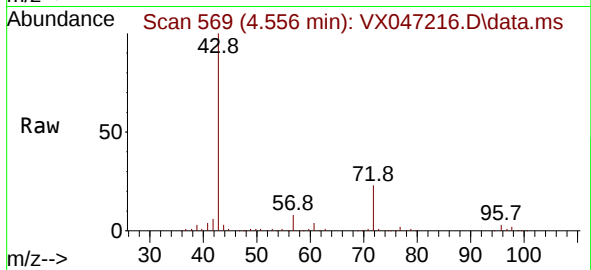
Tgt Ion: 63 Resp: 348228
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.2 2.3 6.8





#25
2-Butanone
Concen: 221.547 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

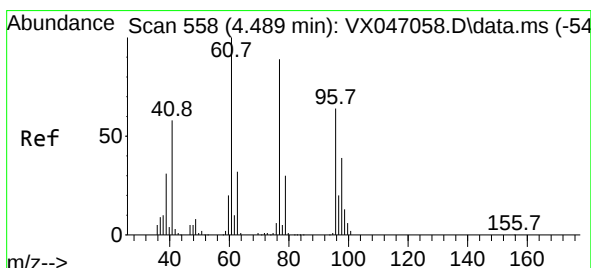
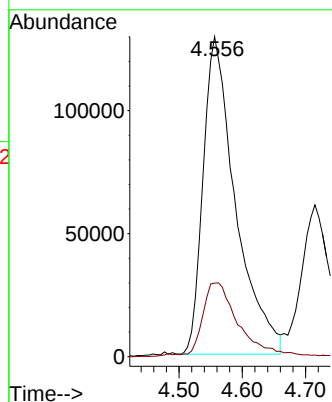
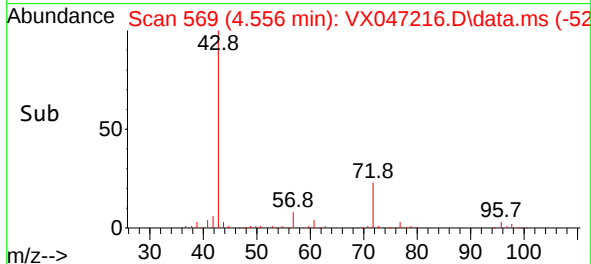
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



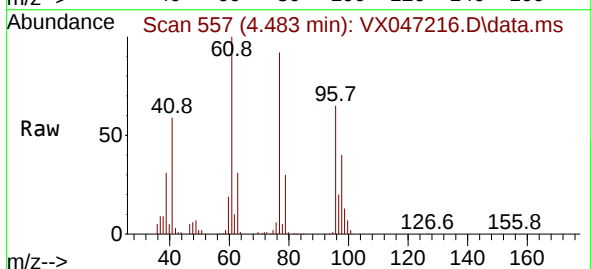
Tgt Ion: 43 Resp: 458934
Ion Ratio Lower Upper
43 100
72 22.3 18.8 28.2

Manual Integrations
APPROVED

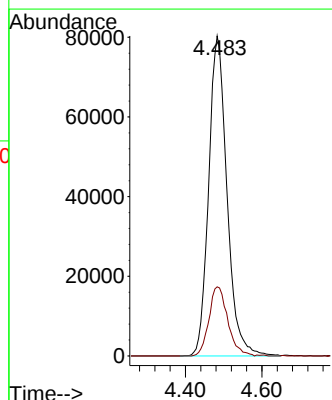
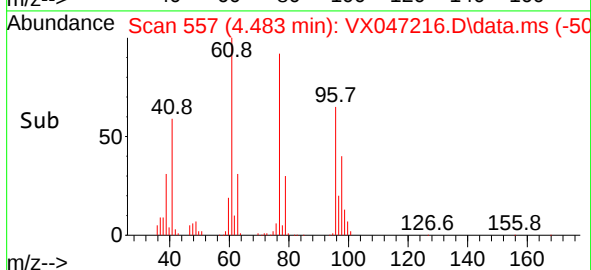
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#26
2,2-Dichloropropane
Concen: 49.902 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44



Tgt Ion: 77 Resp: 267458
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.877 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 212190

Ion Ratio Lower Upper

96 100

61 149.6 0.0 298.6

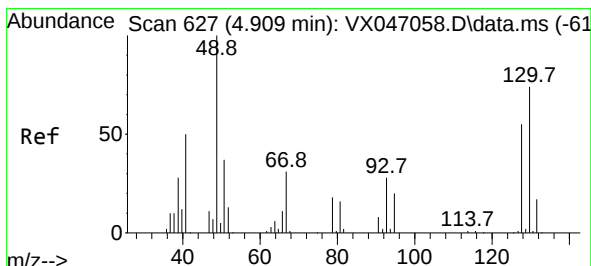
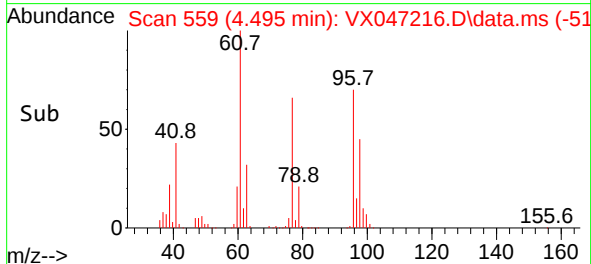
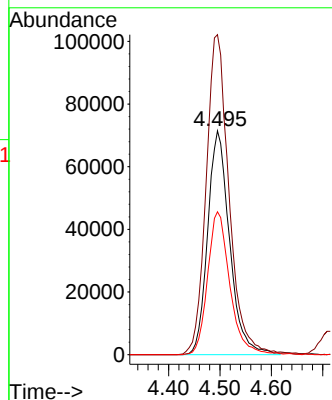
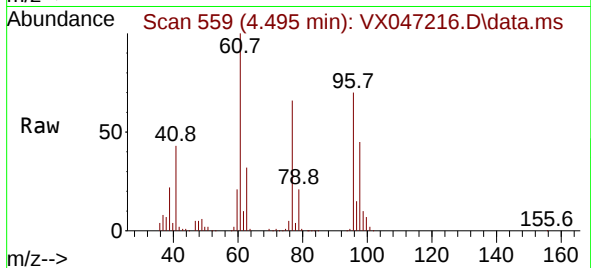
98 64.6 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#28

Bromochloromethane

Concen: 52.097 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.012 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

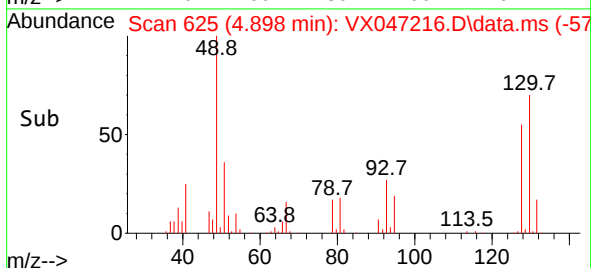
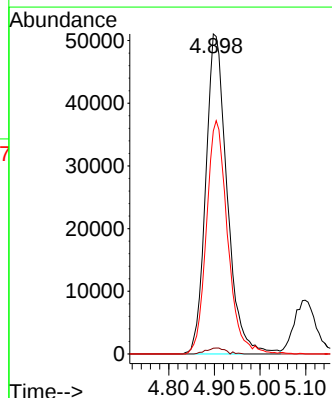
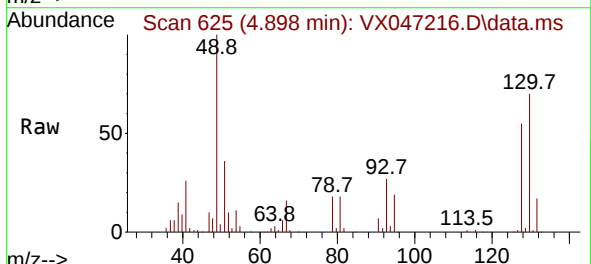
Tgt Ion: 49 Resp: 165950

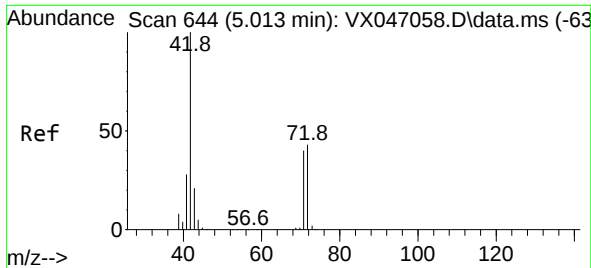
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 72.1 59.0 88.4





#29

Tetrahydrofuran

Concen: 210.217 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 28096

Ion Ratio Lower Upper

42 100

72 41.1 33.7 50.5

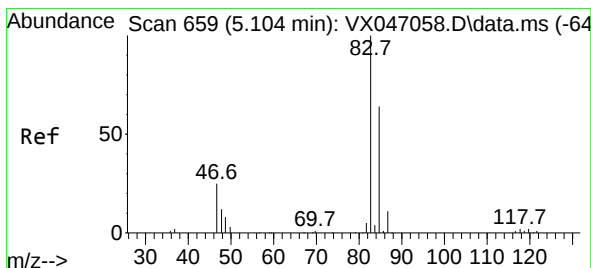
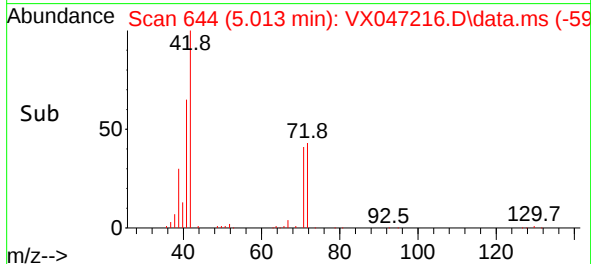
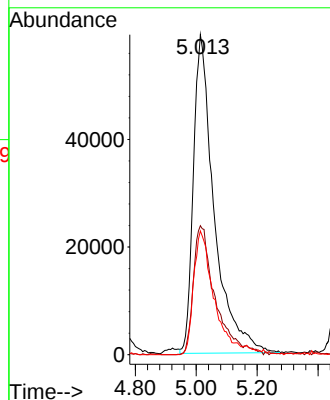
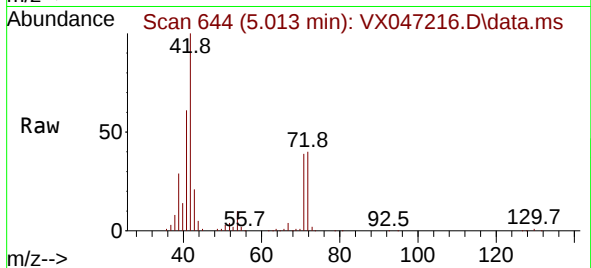
71 37.8 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#30

Chloroform

Concen: 49.312 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047216.D

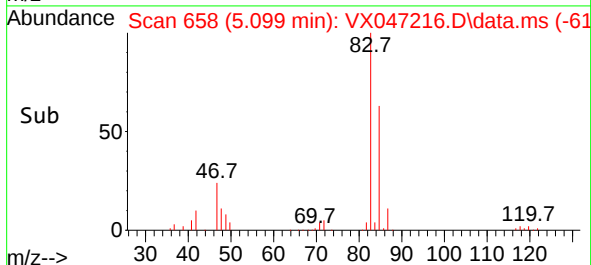
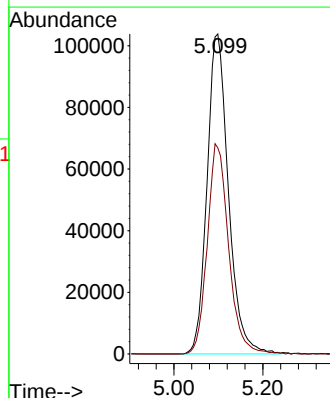
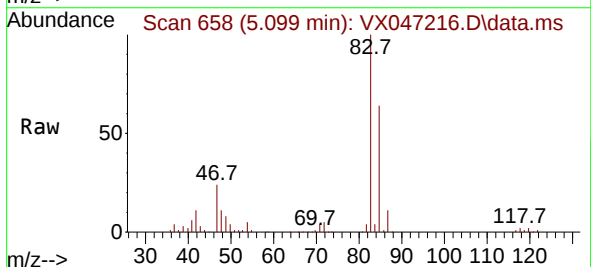
Acq: 04 Aug 2025 09:44

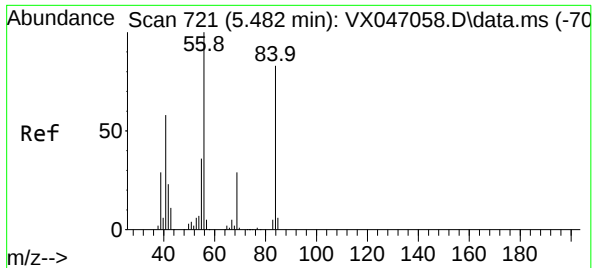
Tgt Ion: 83 Resp: 347550

Ion Ratio Lower Upper

83 100

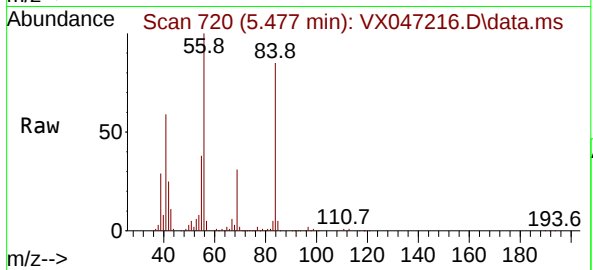
85 64.4 50.9 76.3





#31
Cyclohexane
Concen: 44.067 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

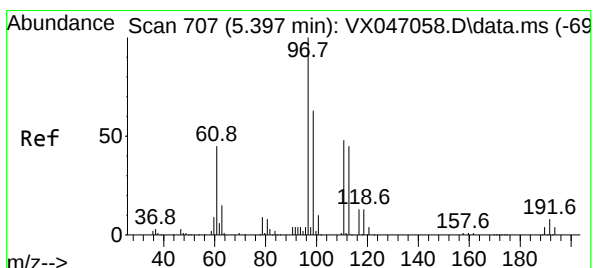
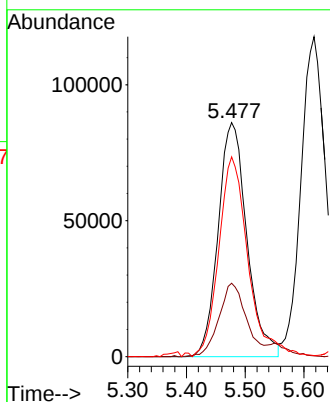
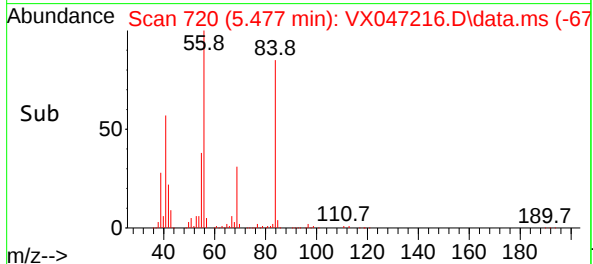
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 29255
Ion Ratio Lower Upper
56 100
69 30.9 23.3 34.9
84 83.3 66.5 99.7

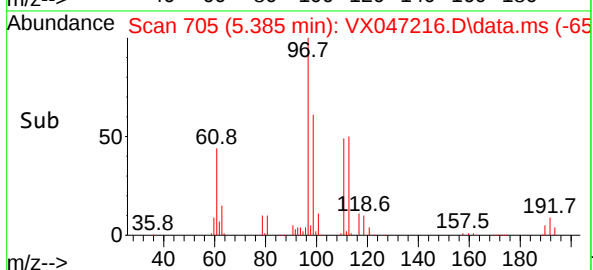
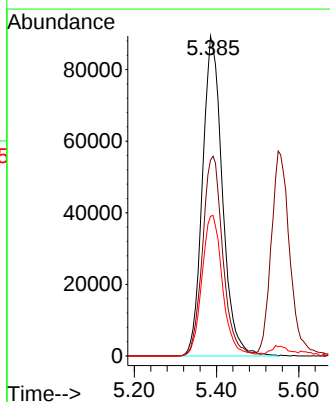
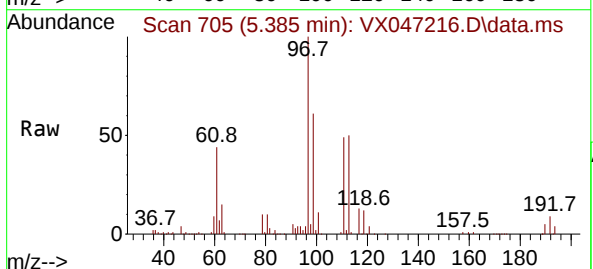
Manual Integrations
APPROVED

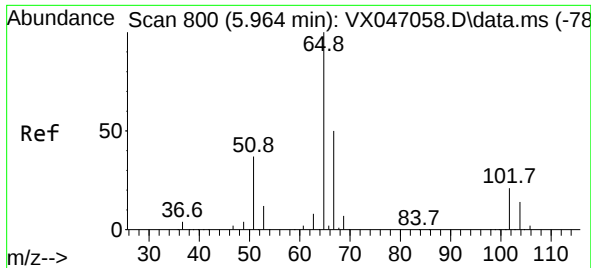
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#32
1,1,1-Trichloroethane
Concen: 49.115 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

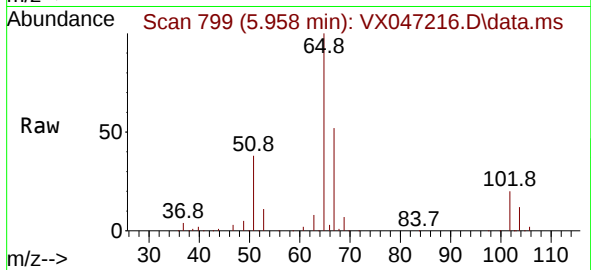
Tgt Ion: 97 Resp: 300668
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 45.4 37.1 55.7





#33
 1,2-Dichloroethane-d4
 Concen: 45.247 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

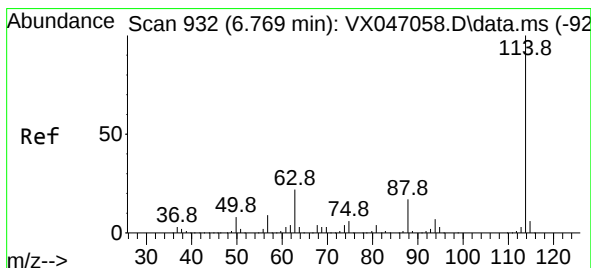
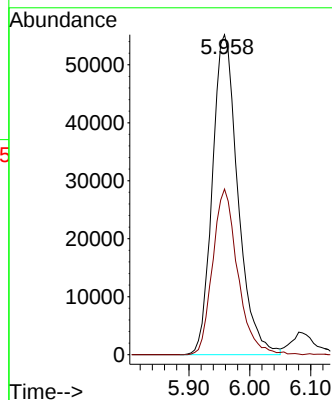
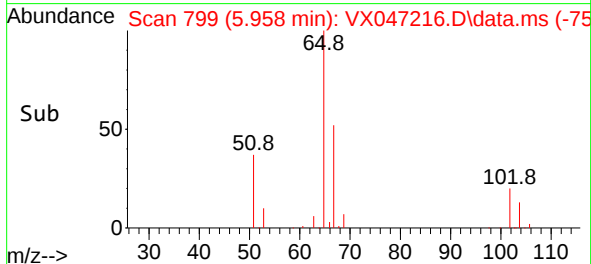
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



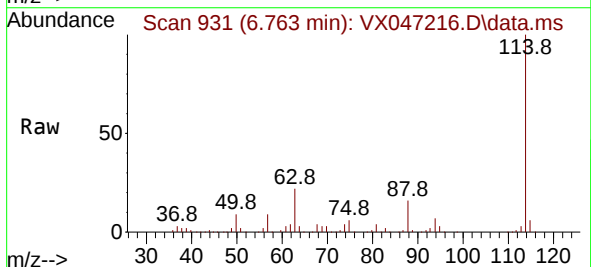
Tgt Ion: 65 Resp: 16068
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.8

Manual Integrations
 APPROVED

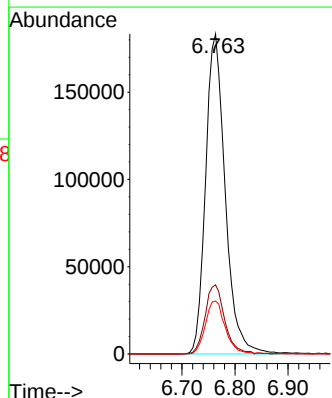
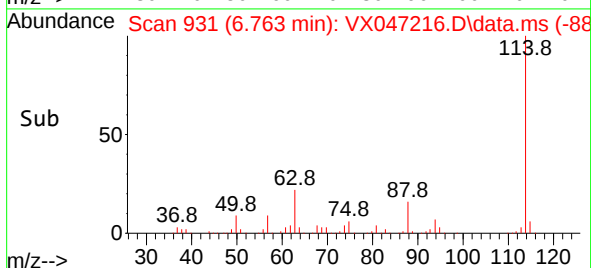
Reviewed By :John Carlone 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

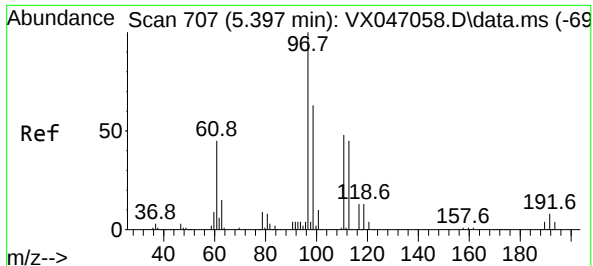


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44



Tgt Ion:114 Resp: 469873
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.366 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX047216.D

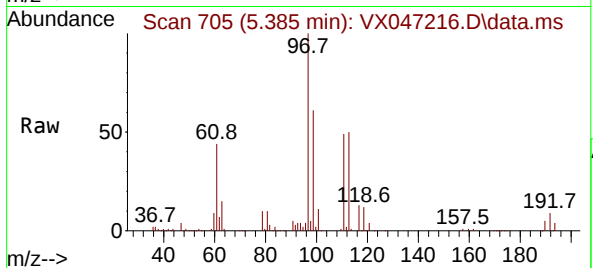
Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 14321

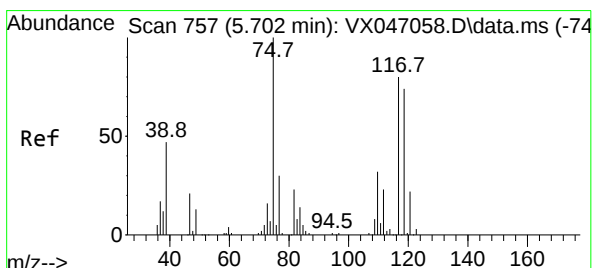
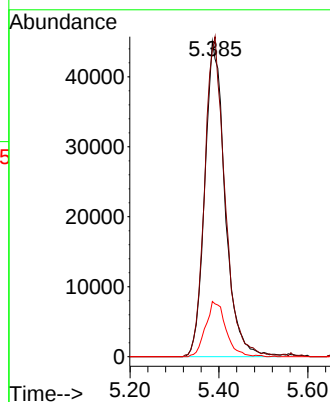
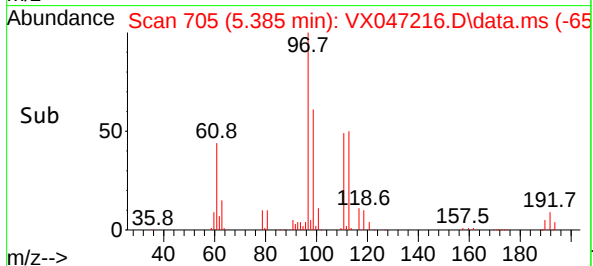
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	17.4	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#36

1,1-Dichloropropene

Concen: 46.455 ug/l

RT: 5.696 min Scan# 756

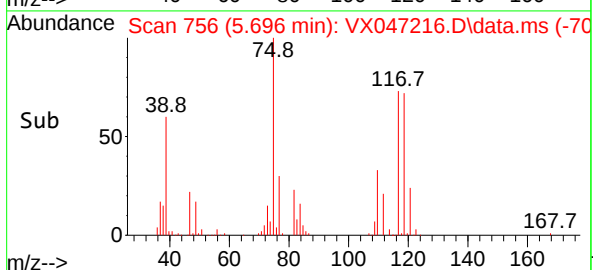
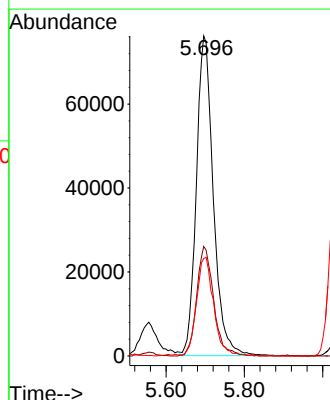
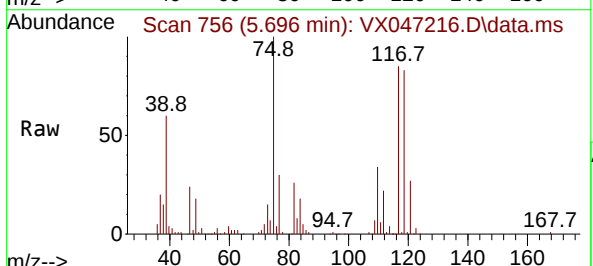
Delta R.T. -0.006 min

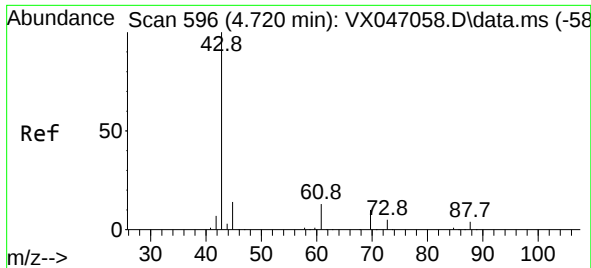
Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Tgt Ion: 75 Resp: 229732

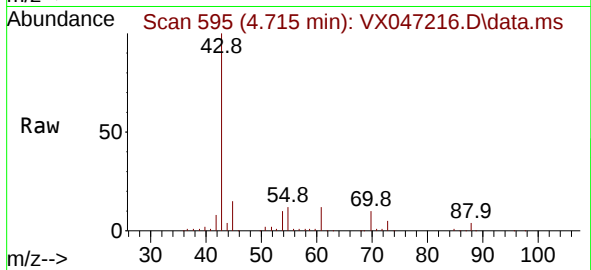
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.2	51.5
77	31.2	25.1	37.7





#37
Ethyl Acetate
Concen: 44.933 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

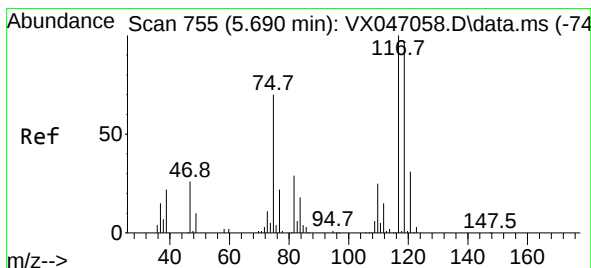
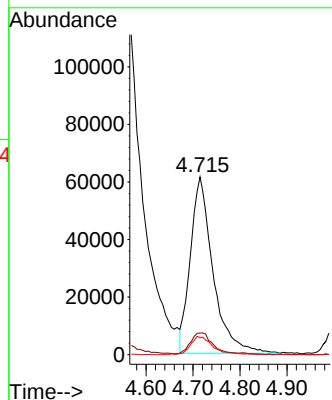
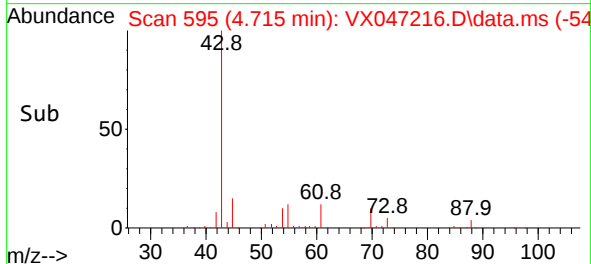
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 20475
Ion Ratio Lower Upper
43 100
61 11.2 10.2 15.2
70 10.1 8.1 12.1

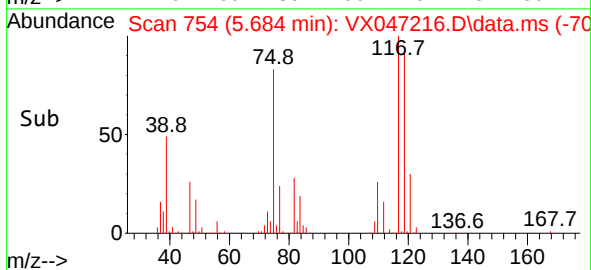
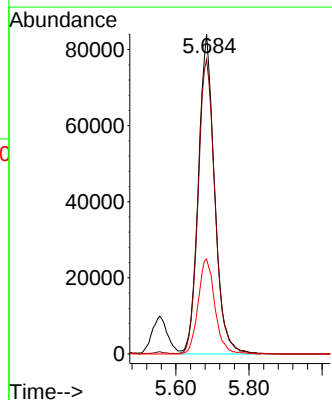
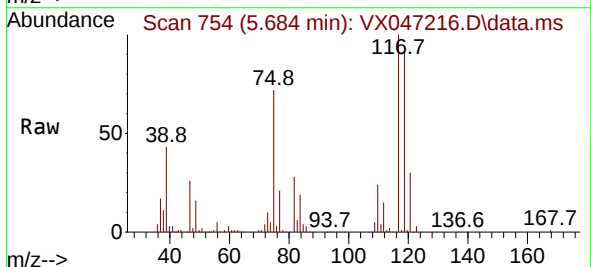
Manual Integrations
APPROVED

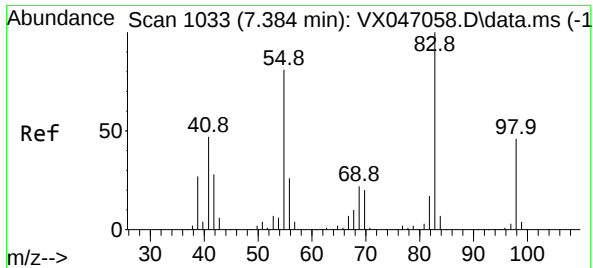
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#38
Carbon Tetrachloride
Concen: 49.142 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

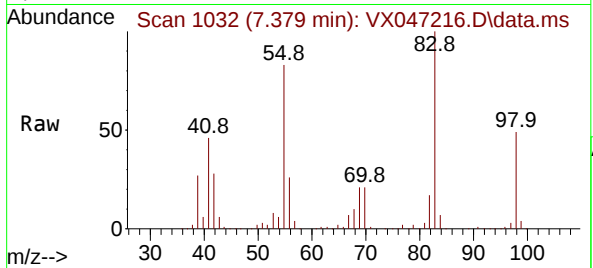
Tgt Ion:117 Resp: 259382
Ion Ratio Lower Upper
117 100
119 92.0 76.6 115.0
121 29.7 24.4 36.6





#39
Methylcyclohexane
Concen: 45.399 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

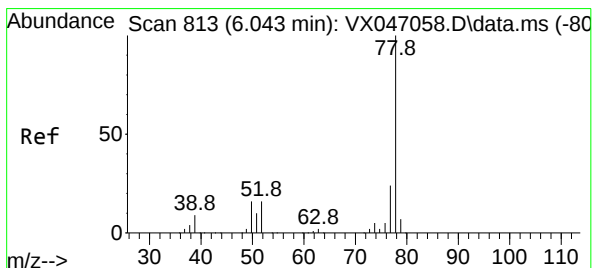
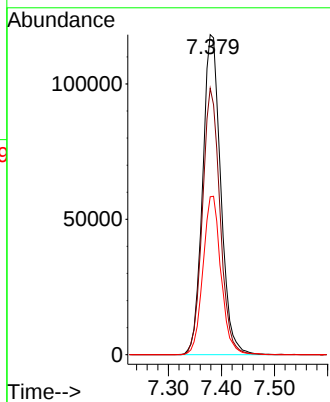
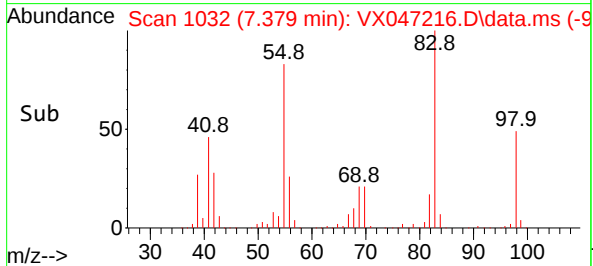
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 280315
Ion Ratio Lower Upper
83 100
55 83.2 64.5 96.7
98 49.4 36.9 55.3

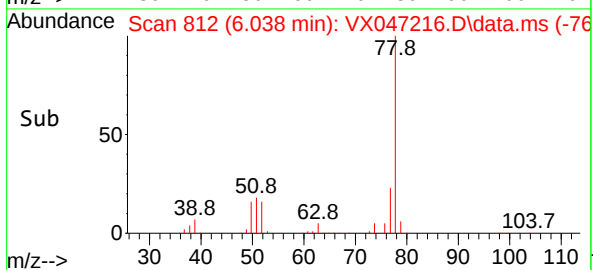
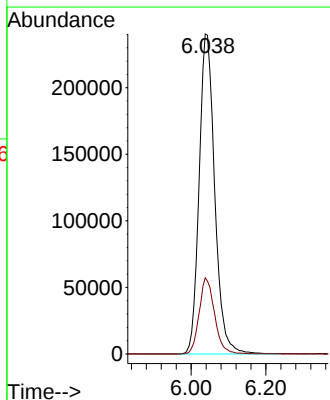
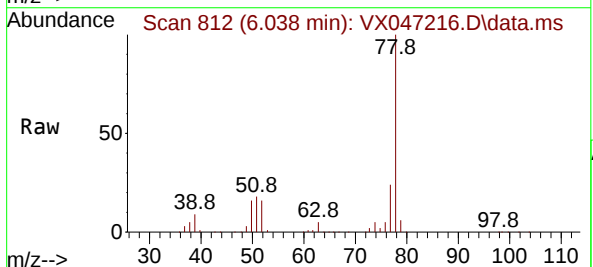
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#40
Benzene
Concen: 48.543 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 78 Resp: 694725
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





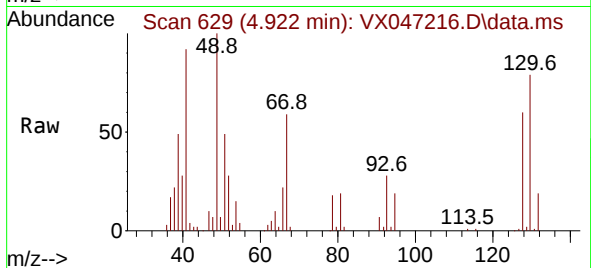
#41
Methacrylonitrile
Concen: 44.682 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



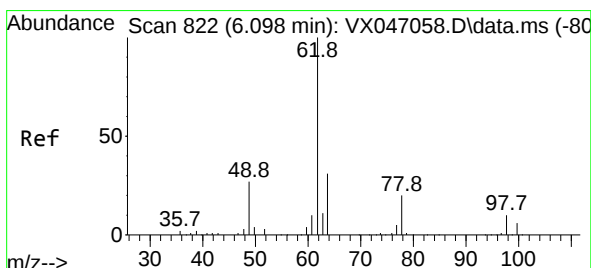
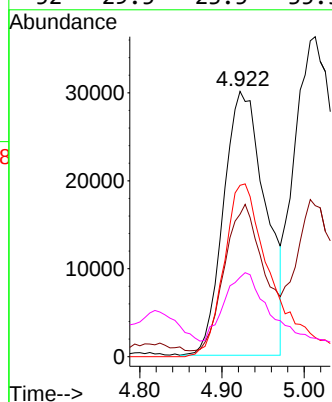
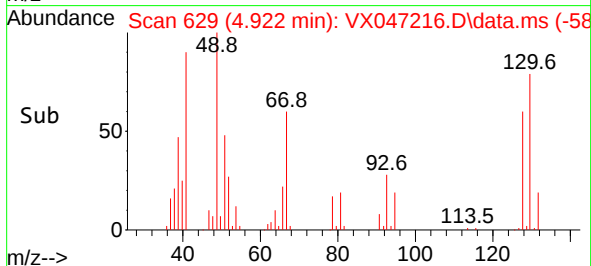
Tgt Ion: 41 Resp: 106459
Ion Ratio Lower Upper
41 100
39 52.1 44.2 66.2
67 75.1 56.4 84.6
52 29.5 23.5 35.3

Manual Integrations

APPROVED

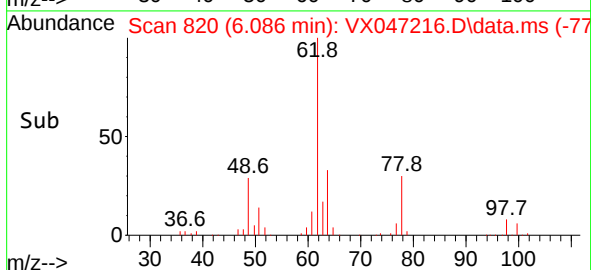
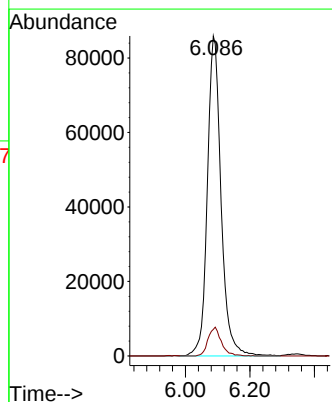
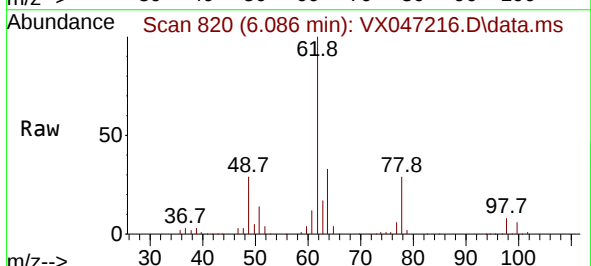
Reviewed By :John Carlone 08/05/2025

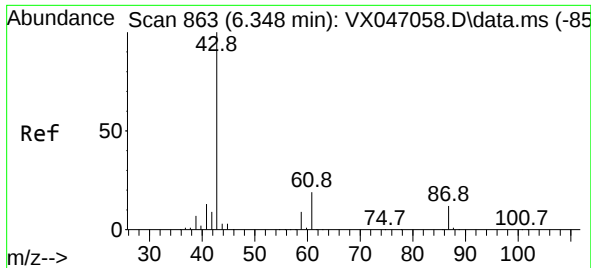
Supervised By :Mahesh Dadoda 08/05/2025



#42
1,2-Dichloroethane
Concen: 50.224 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

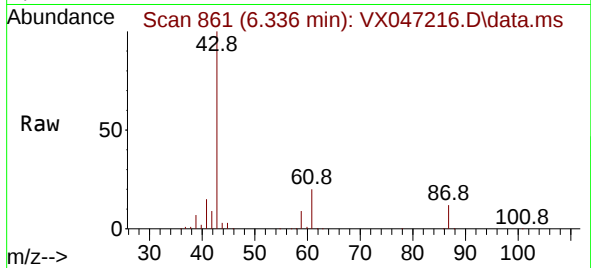
Tgt Ion: 62 Resp: 253198
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.8





#43
Isopropyl Acetate
Concen: 47.246 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

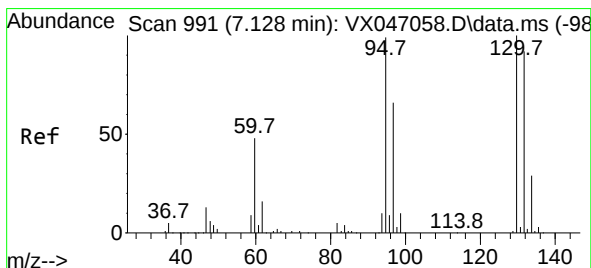
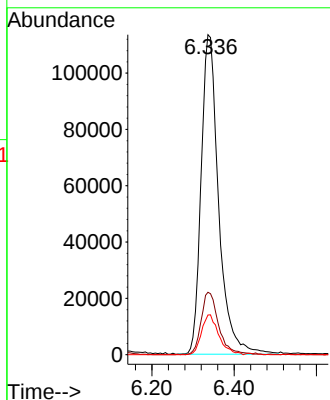
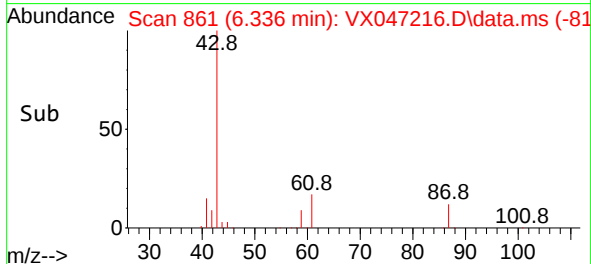
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 33563
Ion Ratio Lower Upper
43 100
61 19.6 15.1 22.7
87 12.3 9.7 14.5

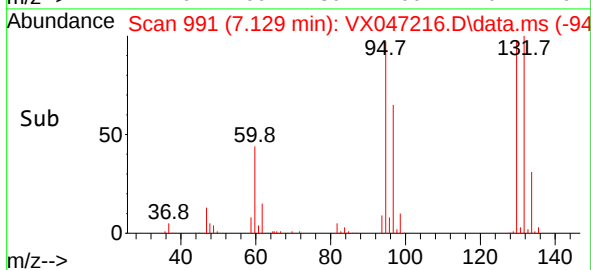
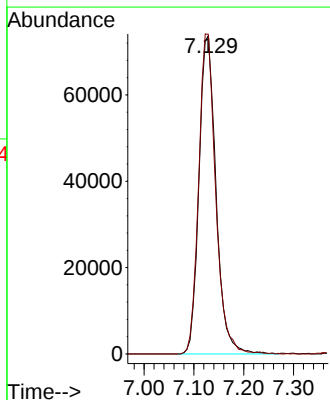
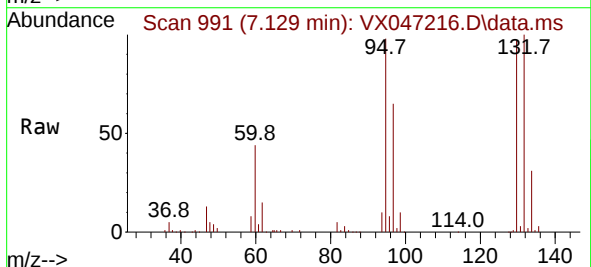
Manual Integrations
APPROVED

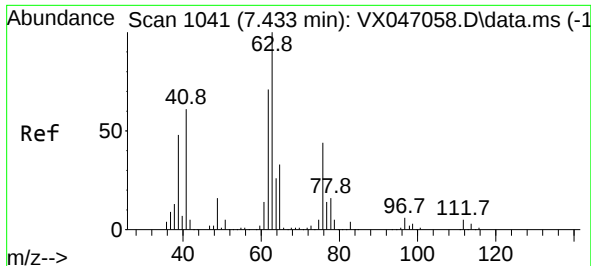
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#44
Trichloroethene
Concen: 47.674 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion:130 Resp: 174961
Ion Ratio Lower Upper
130 100
95 100.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.493 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 177404

Ion Ratio Lower Upper

63 100

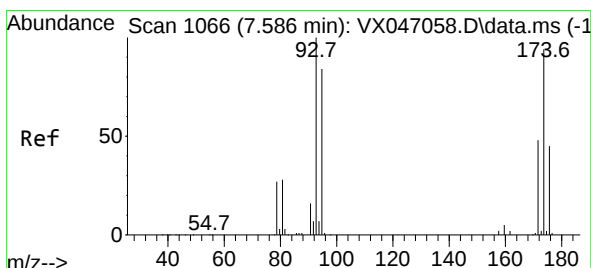
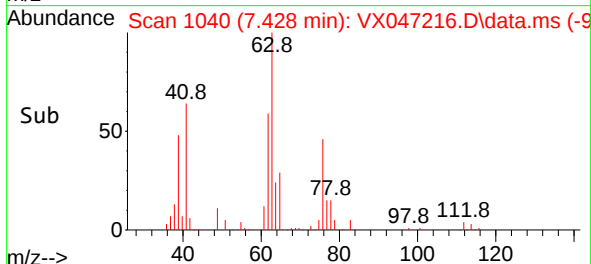
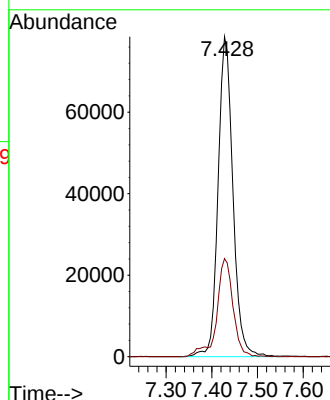
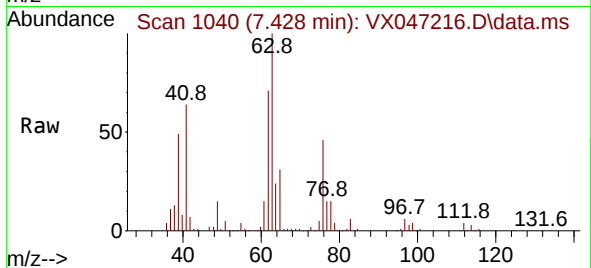
65 30.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#46

Dibromomethane

Concen: 49.278 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

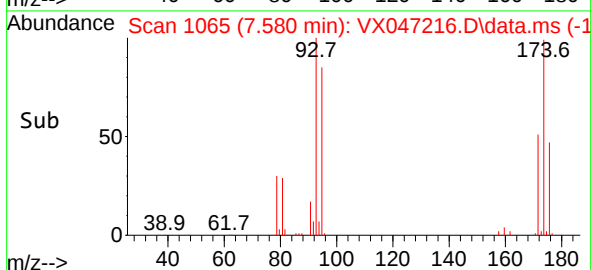
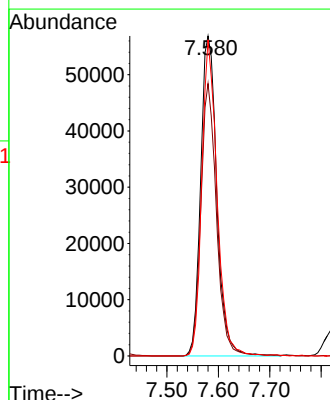
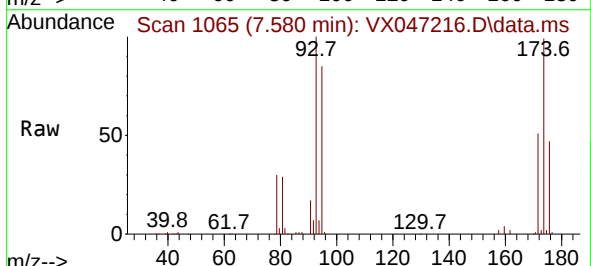
Tgt Ion: 93 Resp: 123866

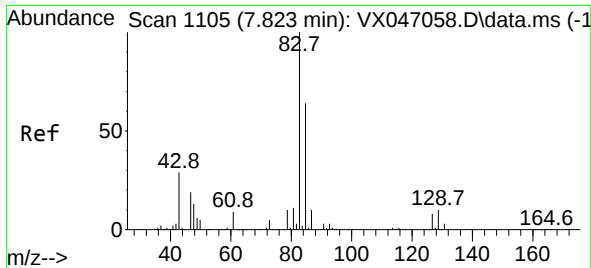
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

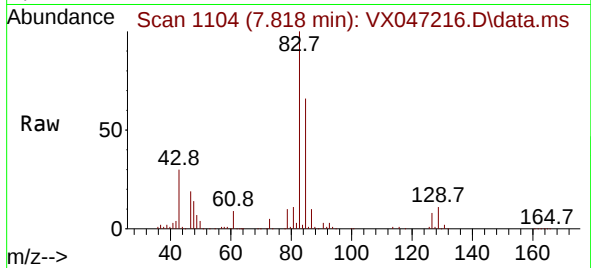
174 93.7 74.6 112.0





#47
Bromodichloromethane
Concen: 51.292 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

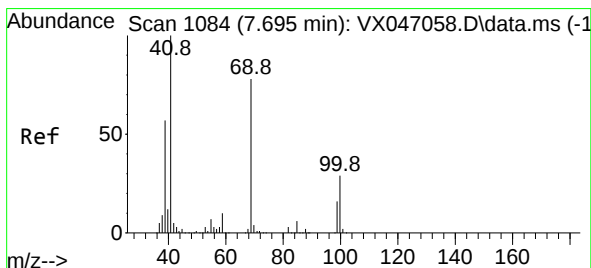
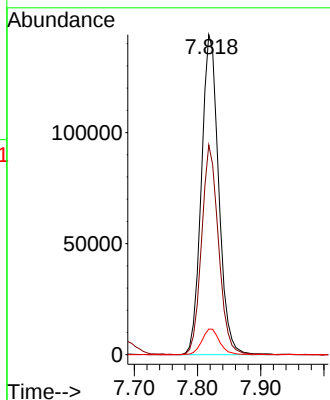
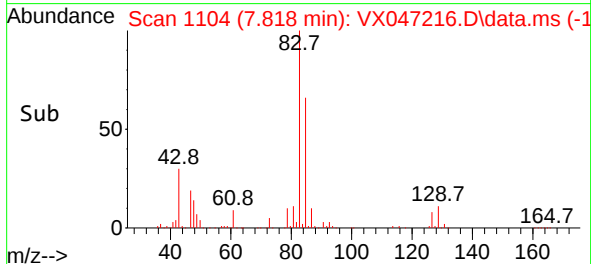
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 27442
Ion Ratio Lower Upper
83 100
85 65.5 49.9 74.9
127 8.0 6.6 10.0

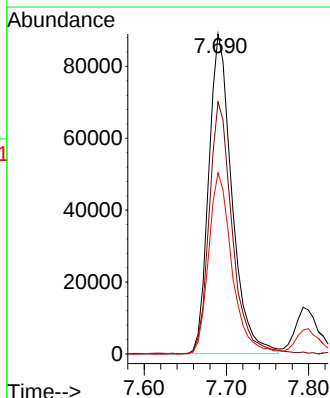
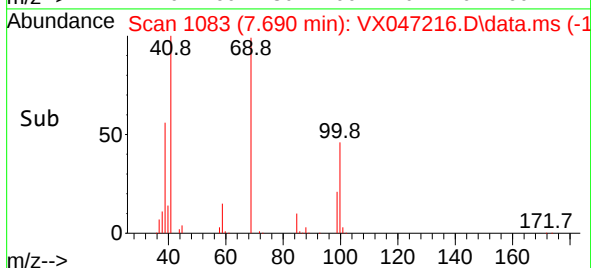
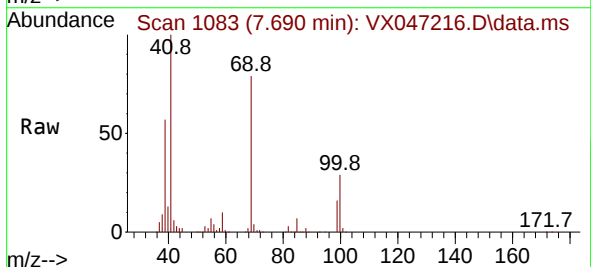
Manual Integrations
APPROVED

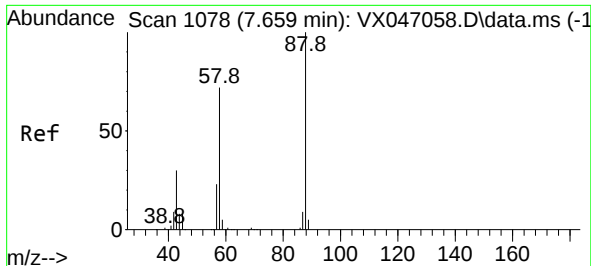
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#48
Methyl methacrylate
Concen: 44.973 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

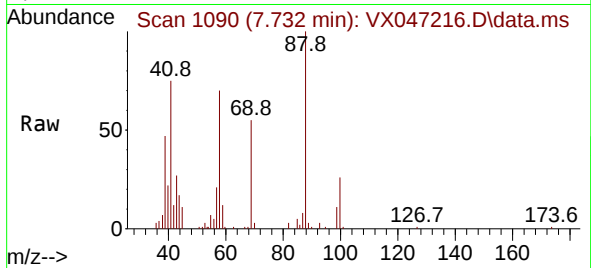
Tgt Ion: 41 Resp: 174048
Ion Ratio Lower Upper
41 100
69 78.8 62.3 93.5
39 57.2 44.8 67.2





#49
1,4-Dioxane
Concen: 871.859 ug/l
RT: 7.732 min Scan# 1078
Delta R.T. 0.074 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

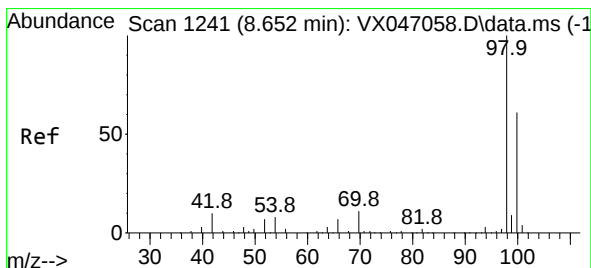
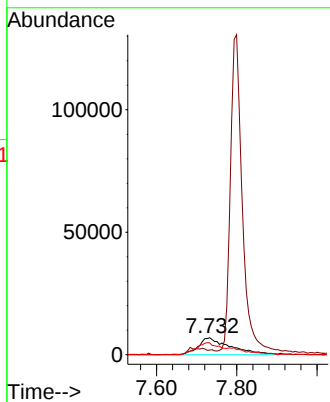
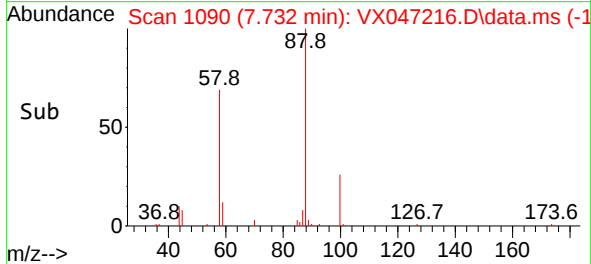
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 38370
Ion Ratio Lower Upper
88 100
43 0.0 33.6 50.4
58 52.2 58.8 88.2

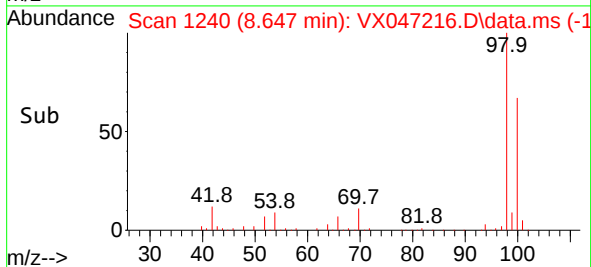
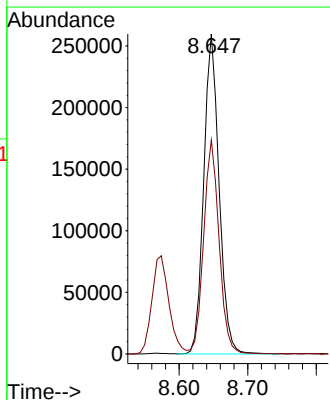
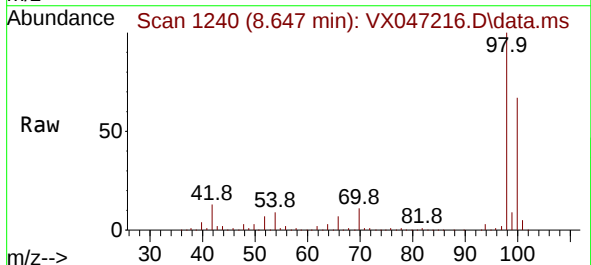
Manual Integrations
APPROVED

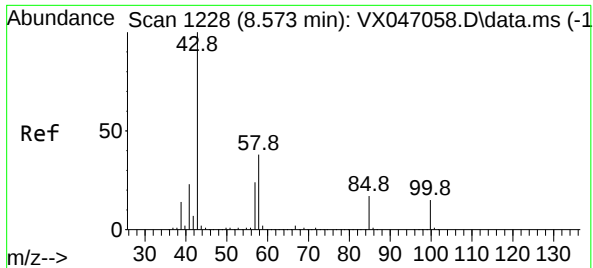
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#50
Toluene-d8
Concen: 43.072 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 98 Resp: 404675
Ion Ratio Lower Upper
98 100
100 67.3 53.3 79.9





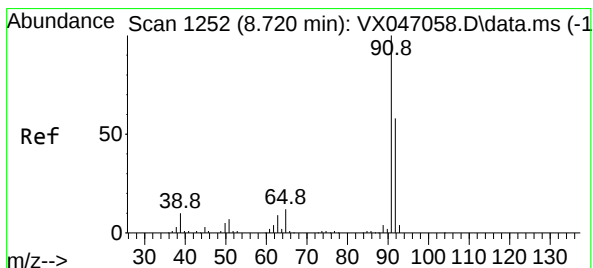
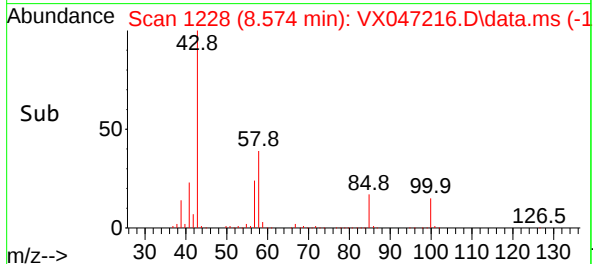
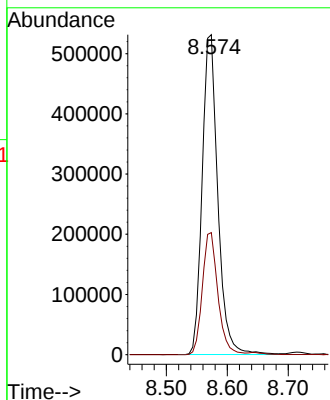
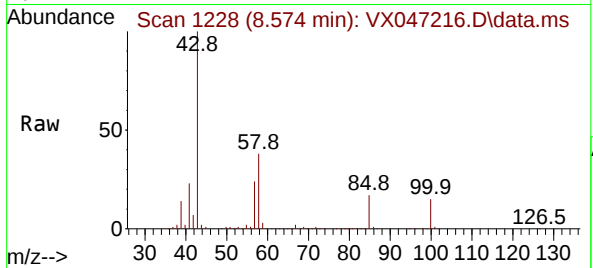
#51
4-Methyl-2-Pentanone
Concen: 224.982 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 949990
Ion Ratio Lower Upper
43 100
58 37.8 30.6 45.8

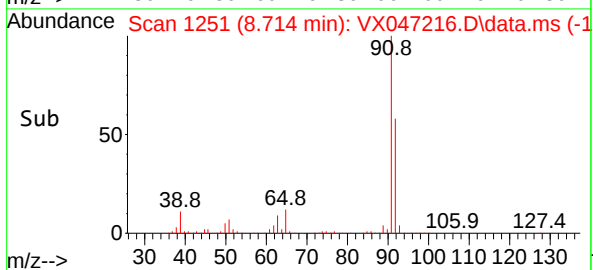
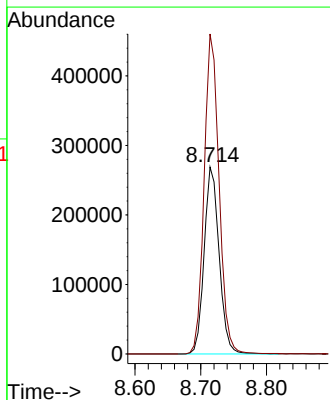
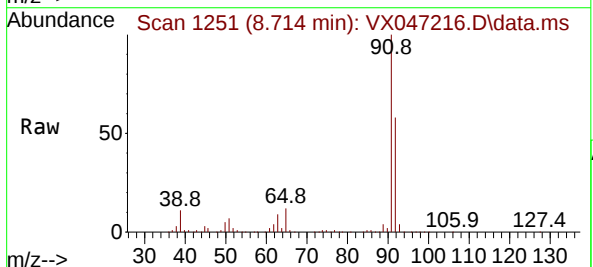
Manual Integrations
APPROVED

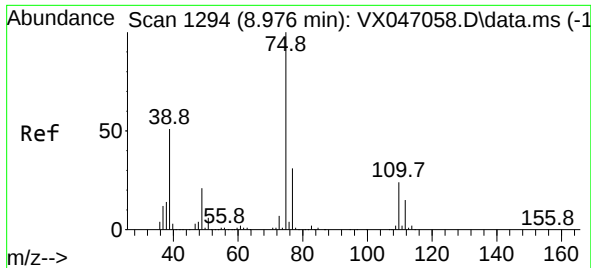
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#52
Toluene
Concen: 48.346 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

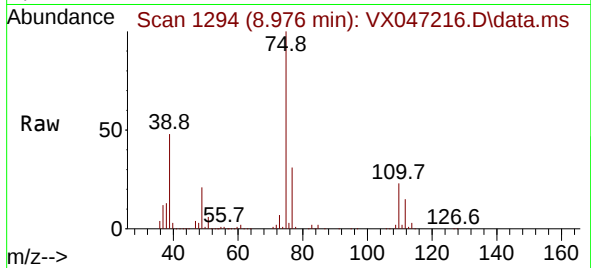
Tgt Ion: 92 Resp: 425441
Ion Ratio Lower Upper
92 100
91 170.9 137.9 206.9





#53
 t-1,3-Dichloropropene
 Concen: 49.904 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

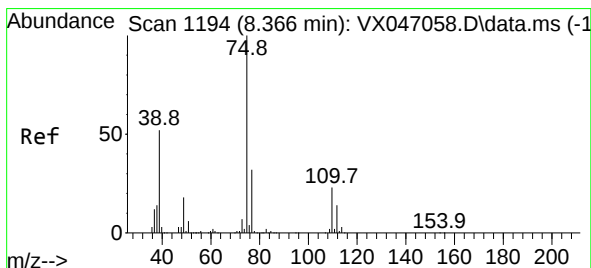
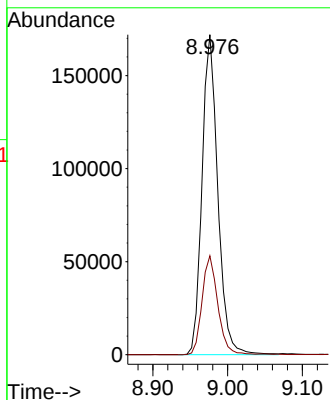
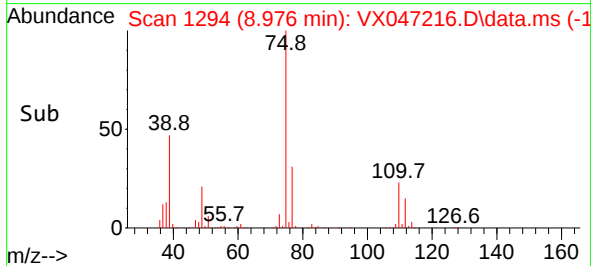
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



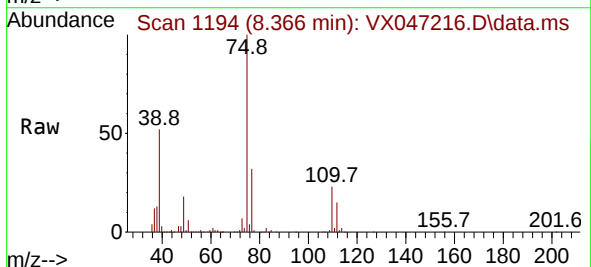
Tgt Ion: 75 Resp: 25213
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.5 36.7

Manual Integrations
 APPROVED

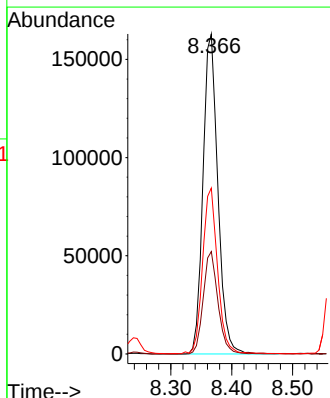
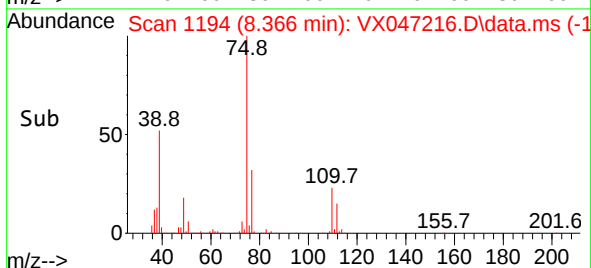
Reviewed By :John Carlone 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

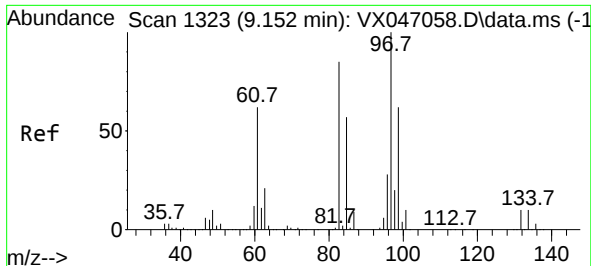


#54
 cis-1,3-Dichloropropene
 Concen: 49.966 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44



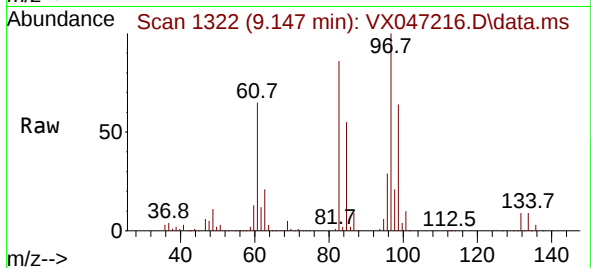
Tgt Ion: 75 Resp: 276296
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 51.8 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 49.088 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

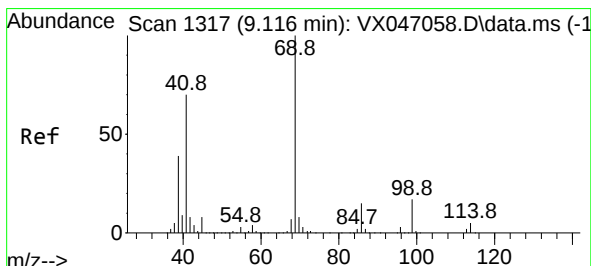
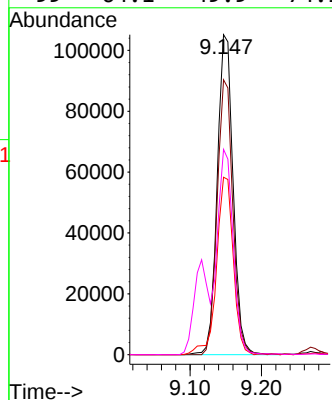
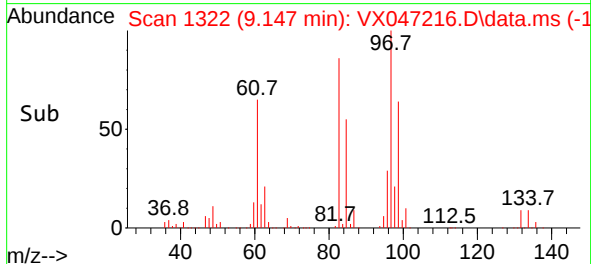
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



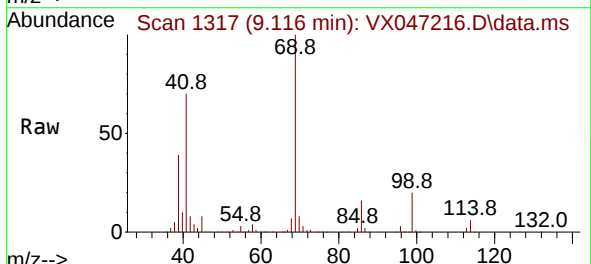
Tgt Ion: 97 Resp: 162000
Ion Ratio Lower Upper
97 100
83 85.9 68.0 102.0
85 55.5 45.2 67.8
99 64.1 49.9 74.9

Manual Integrations
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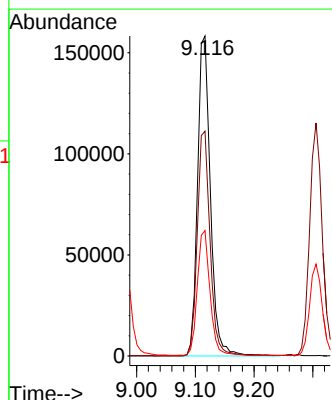
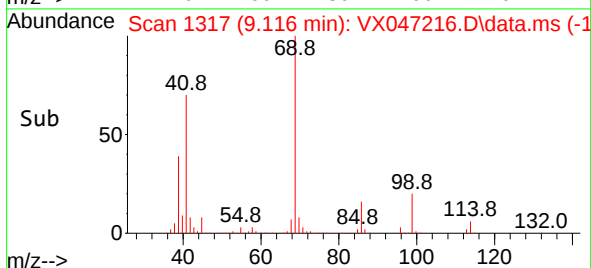
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

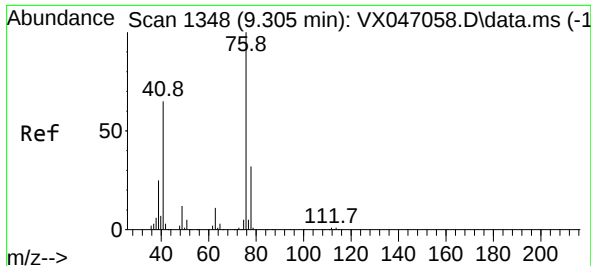


#56
Ethyl methacrylate
Concen: 49.262 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44



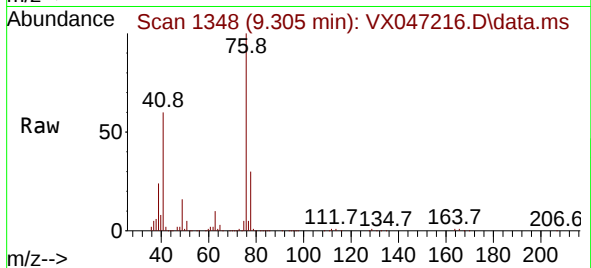
Tgt Ion: 69 Resp: 240675
Ion Ratio Lower Upper
69 100
41 69.6 56.1 84.1
39 38.7 31.1 46.7





#57
1,3-Dichloropropane
Concen: 48.152 ug/l
RT: 9.305 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

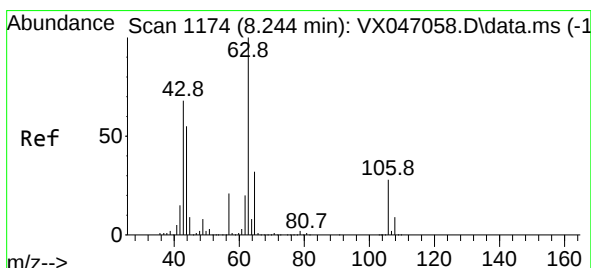
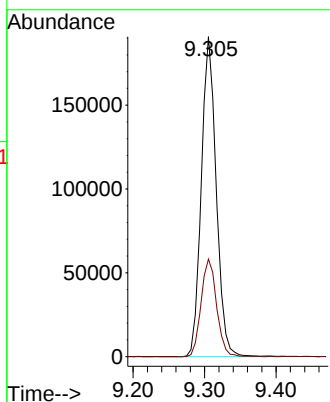
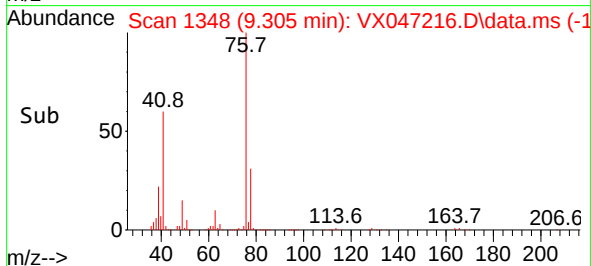
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



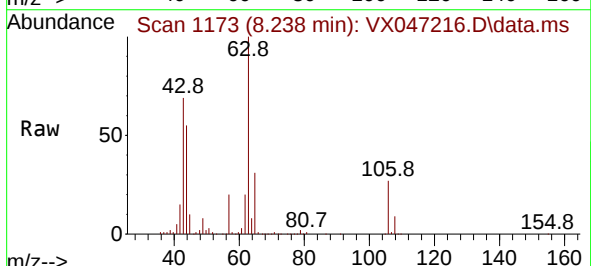
Tgt Ion: 76 Resp: 276179
Ion Ratio Lower Upper
76 100
78 31.8 25.5 38.3

Manual Integrations
APPROVED

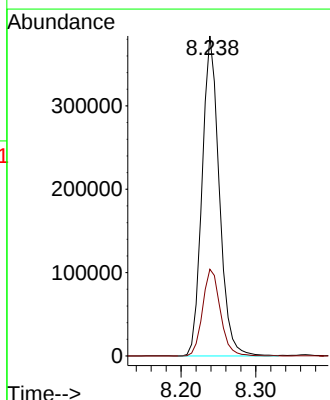
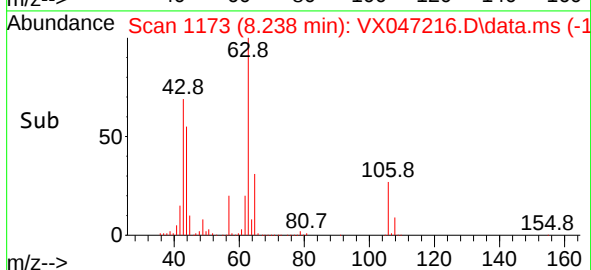
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

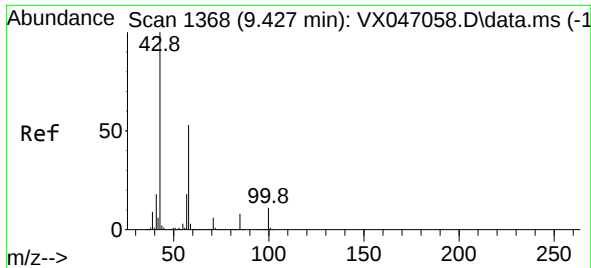


#58
2-Chloroethyl Vinyl ether
Concen: 224.985 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44



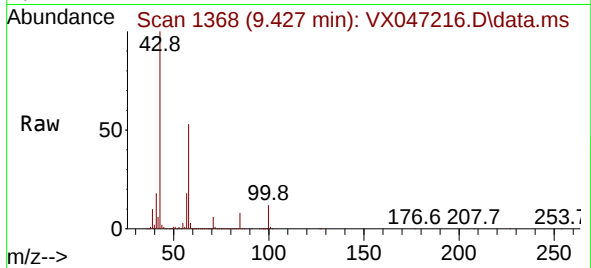
Tgt Ion: 63 Resp: 611669
Ion Ratio Lower Upper
63 100
106 28.0 22.2 33.4





#59
2-Hexanone
Concen: 228.231 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

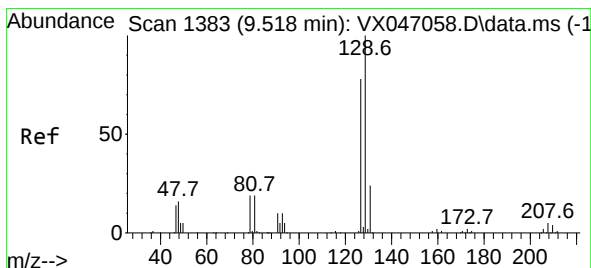
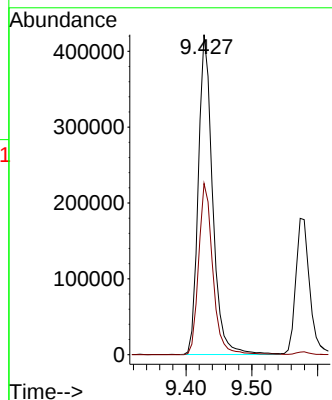
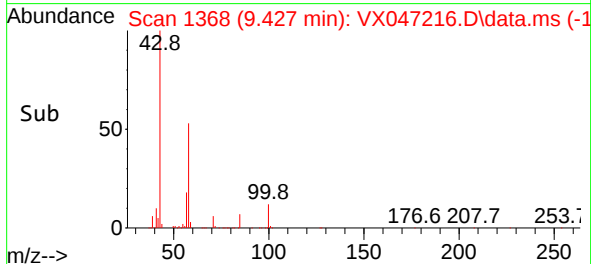
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 63670
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.5

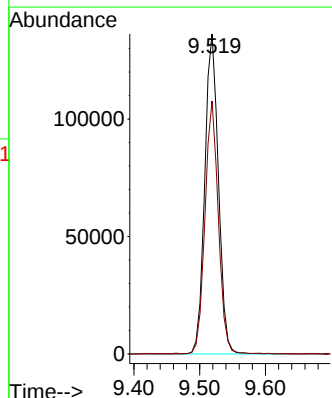
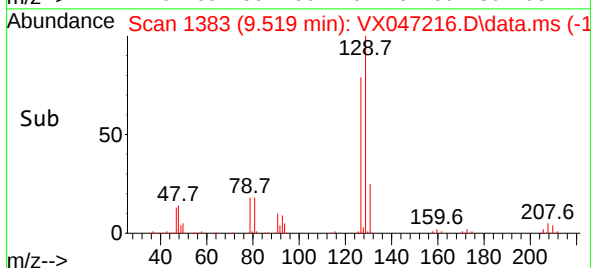
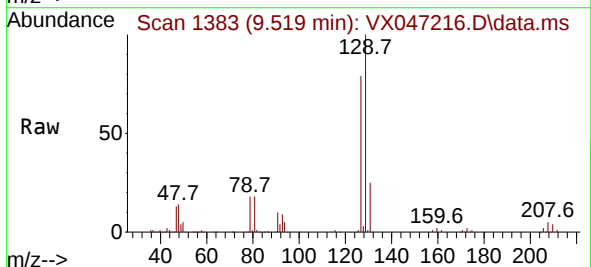
Manual Integrations
APPROVED

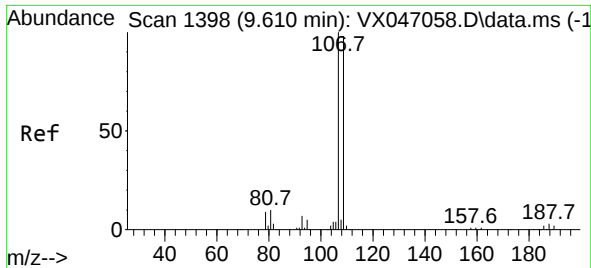
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#60
Dibromochloromethane
Concen: 50.784 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

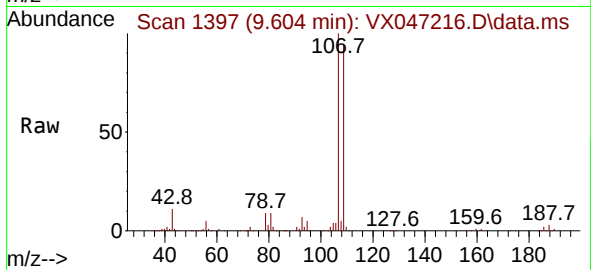
Tgt Ion:129 Resp: 196563
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 46.612 ug/l
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

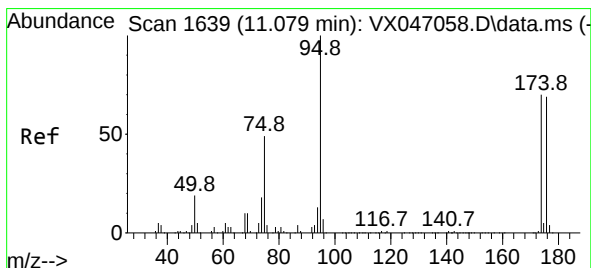
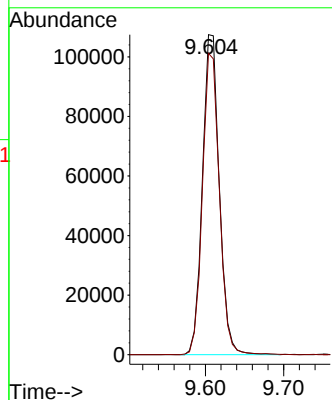
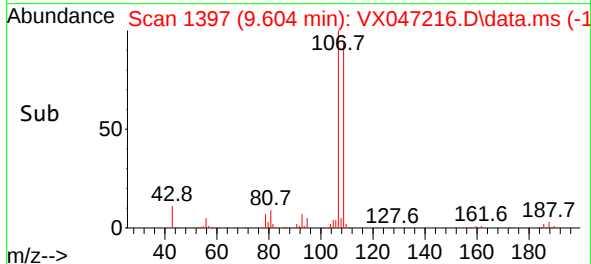
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 16084
Ion Ratio Lower Upper
107 100
109 94.6 74.6 112.0

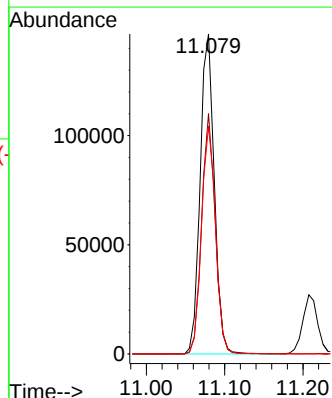
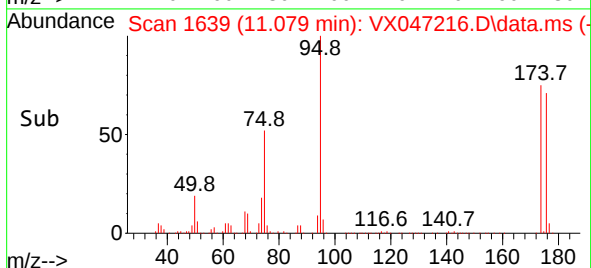
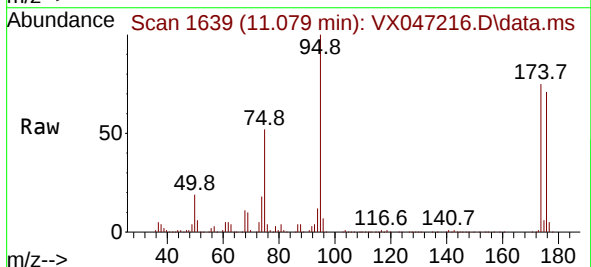
Manual Integrations
APPROVED

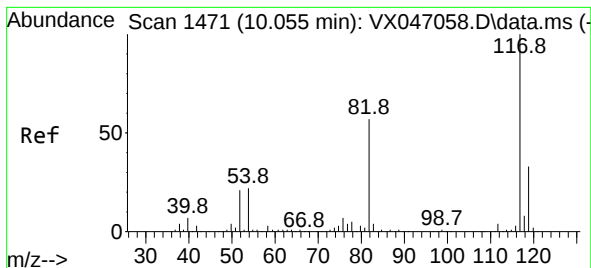
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#62
4-Bromofluorobenzene
Concen: 45.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

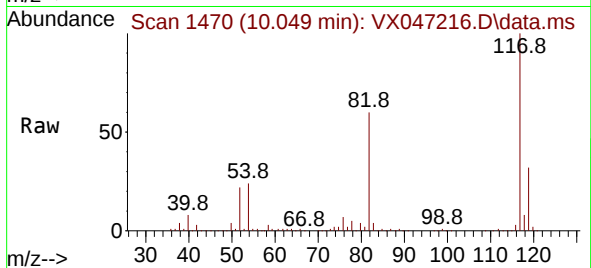
Tgt Ion: 95 Resp: 183638
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 70.6 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

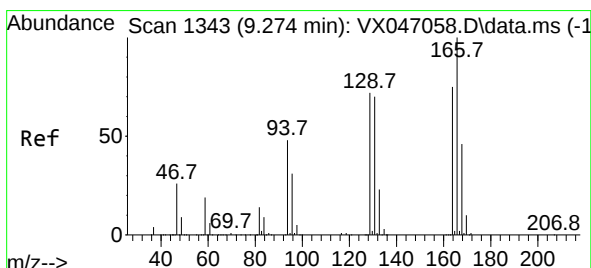
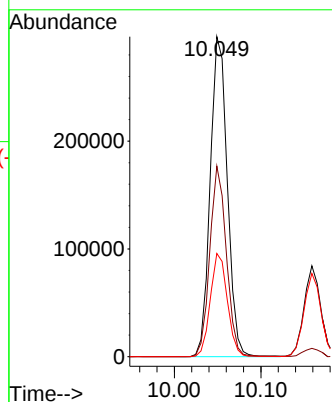
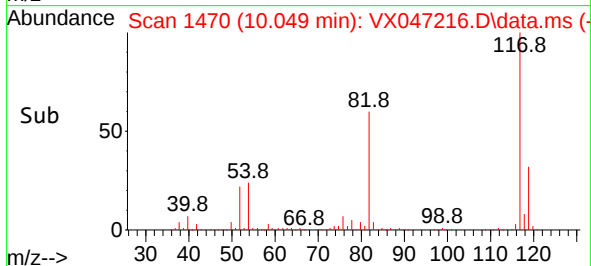
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 40697
Ion Ratio Lower Upper
117 100
82 59.5 45.4 68.2
119 32.2 26.1 39.1

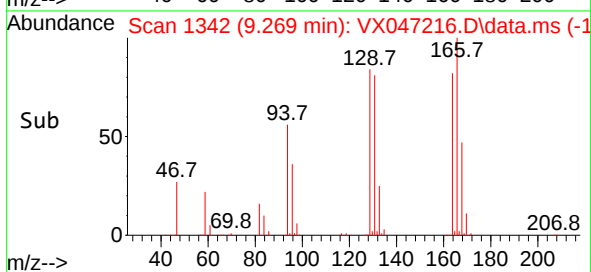
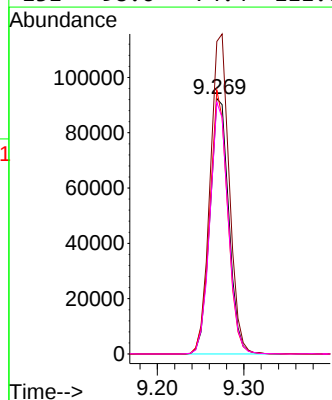
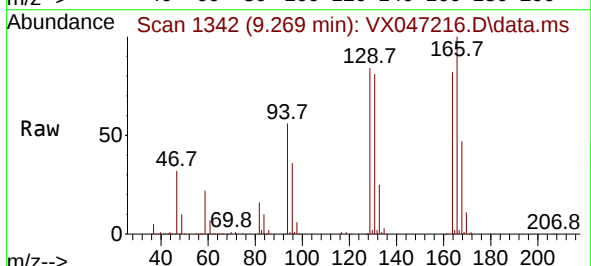
Manual Integrations
APPROVED

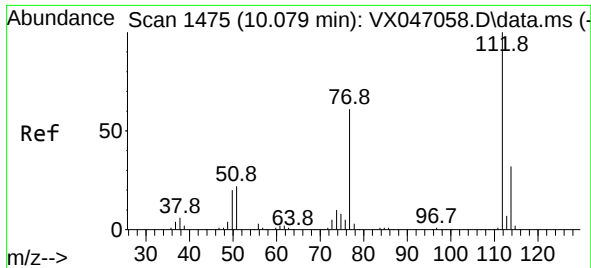
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#64
Tetrachloroethene
Concen: 47.477 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

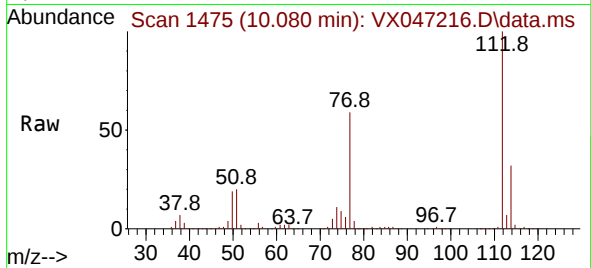
Tgt Ion:164 Resp: 139292
Ion Ratio Lower Upper
164 100
166 122.3 106.2 159.4
129 103.2 76.6 114.8
131 98.6 74.4 111.6





#65
Chlorobenzene
Concen: 49.105 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

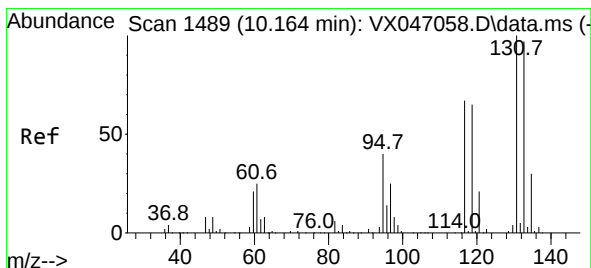
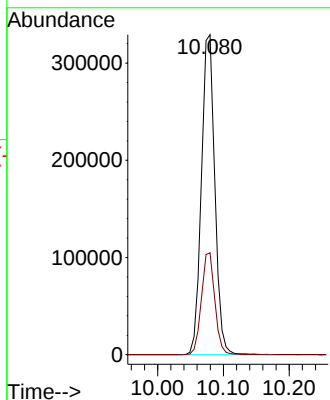
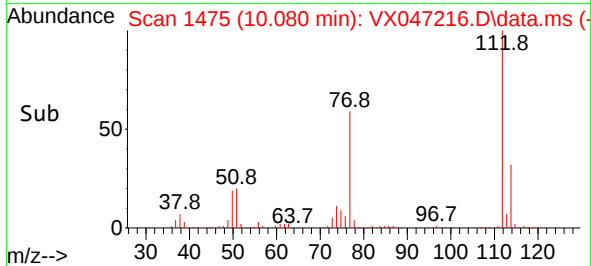
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 46817
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

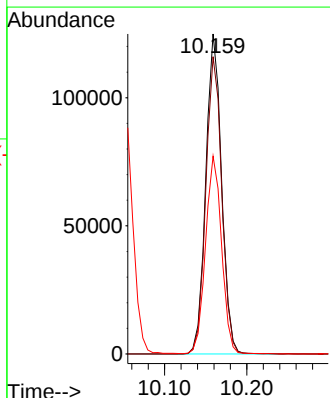
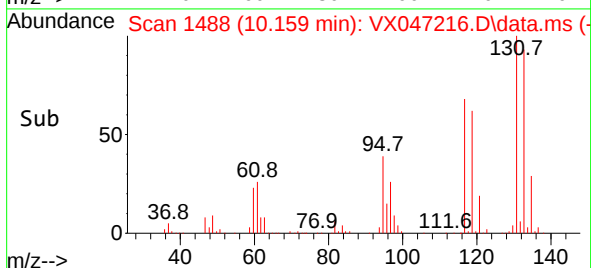
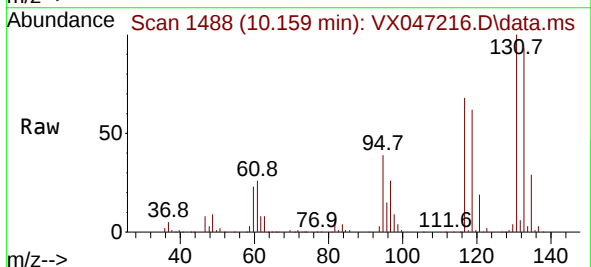
Manual Integrations
APPROVED

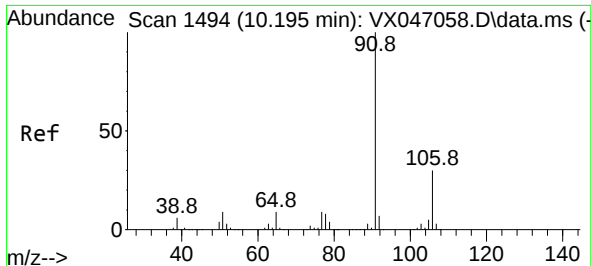
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.864 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

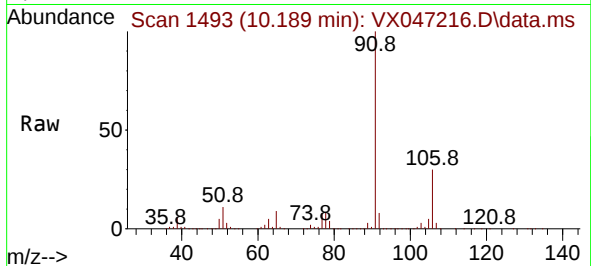
Tgt Ion:131 Resp: 166480
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.3
119 63.1 32.4 97.0





#67
Ethyl Benzene
Concen: 49.284 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

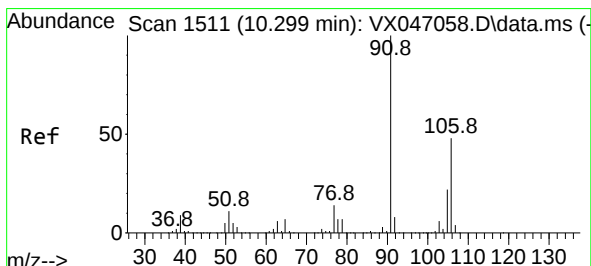
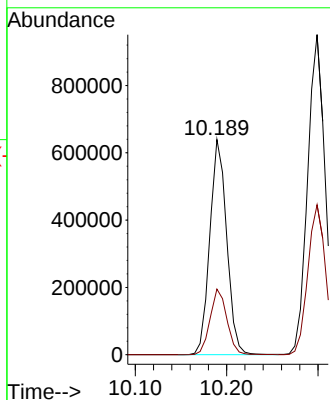
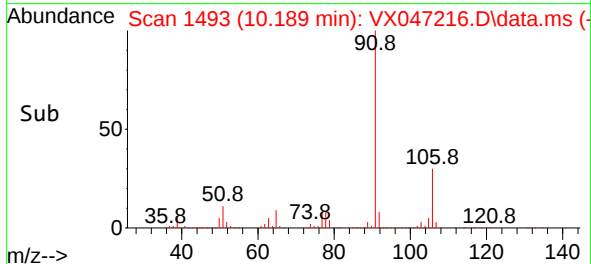
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



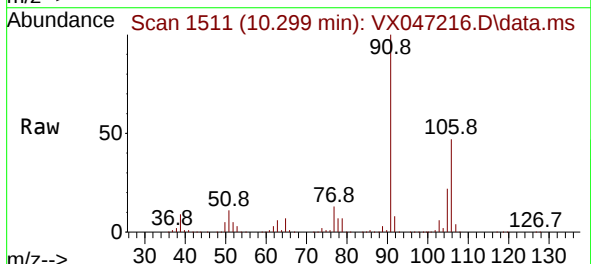
Tgt Ion: 91 Resp: 821550
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

Manual Integrations
APPROVED

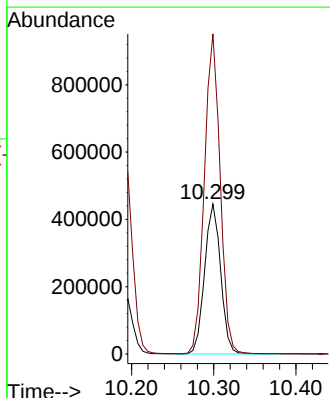
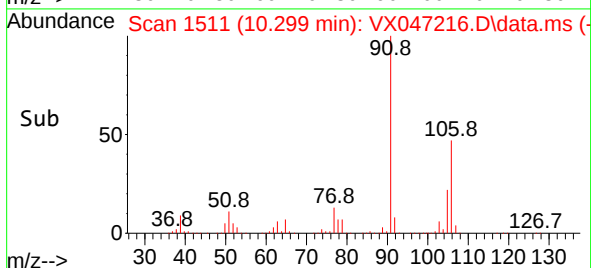
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

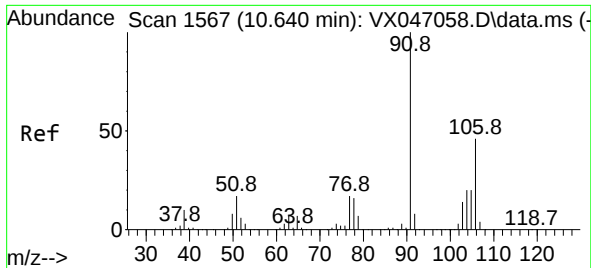


#68
m/p-Xylenes
Concen: 96.765 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44



Tgt Ion:106 Resp: 603645
Ion Ratio Lower Upper
106 100
91 211.3 167.4 251.0





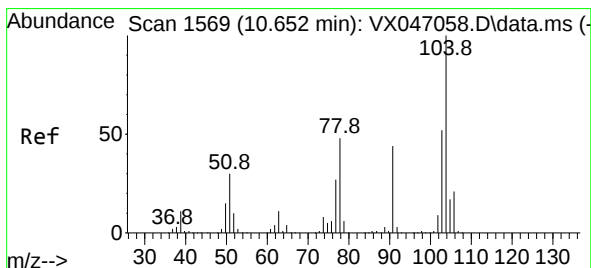
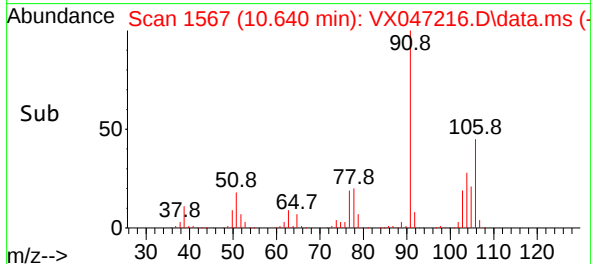
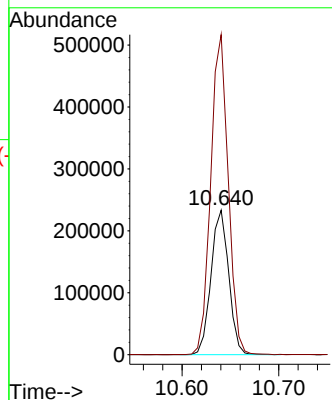
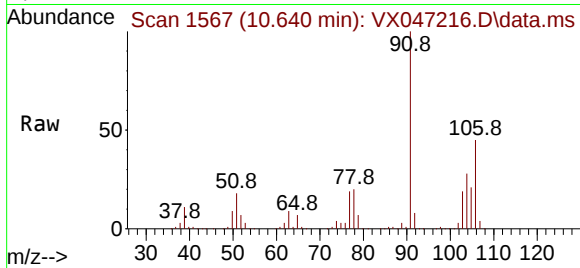
#69
o-Xylene
Concen: 50.152 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 29763
Ion Ratio Lower Upper
106 100
91 218.9 110.3 331.0

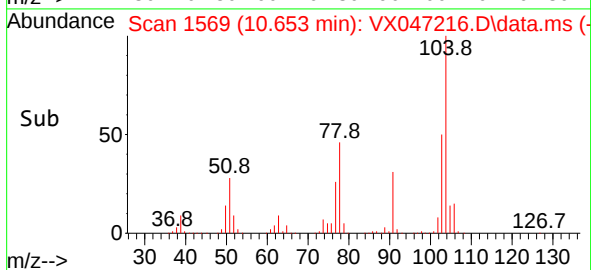
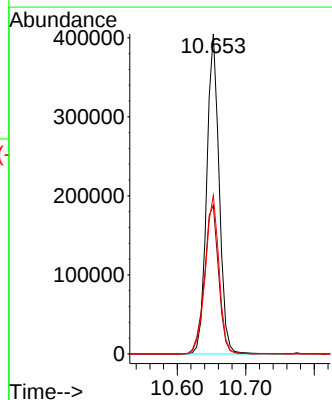
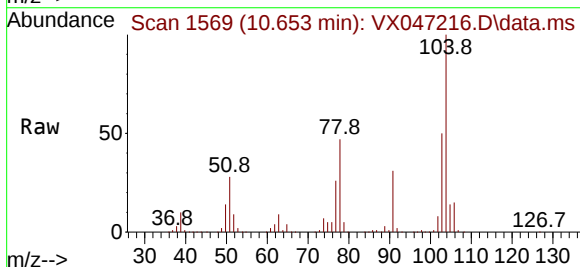
Manual Integrations
APPROVED

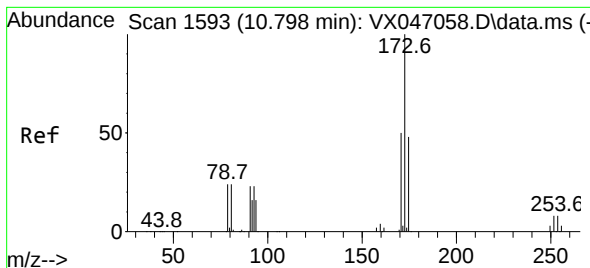
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#70
Styrene
Concen: 50.237 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion:104 Resp: 511226
Ion Ratio Lower Upper
104 100
78 53.1 42.0 63.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 49.874 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 121609

Ion Ratio Lower Upper

173 100

175 48.2 24.2 72.6

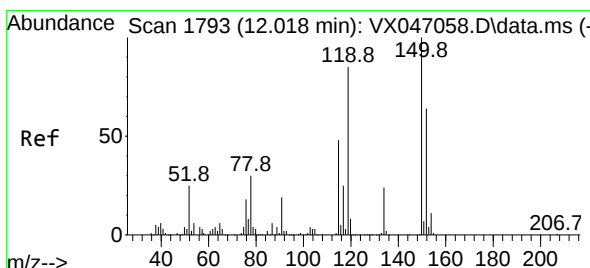
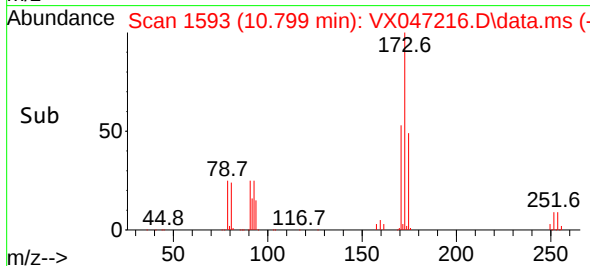
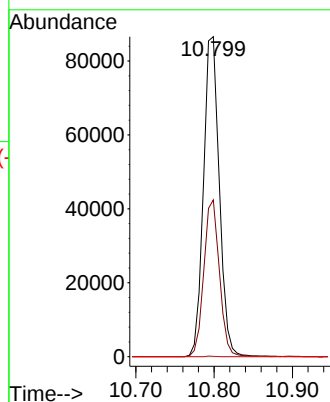
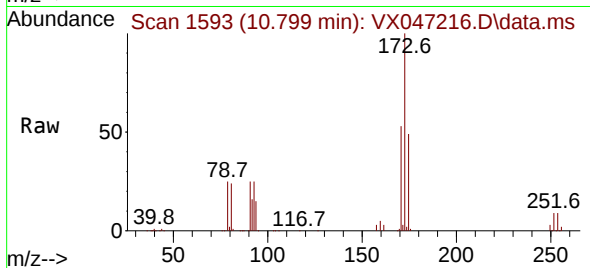
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

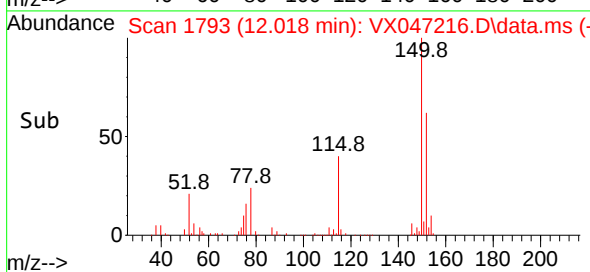
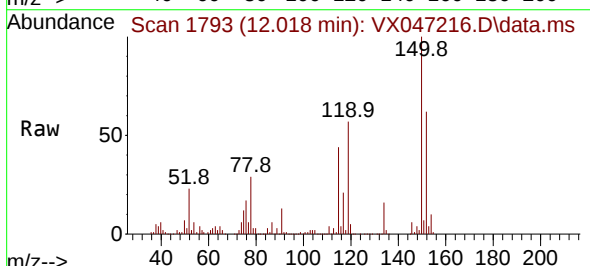
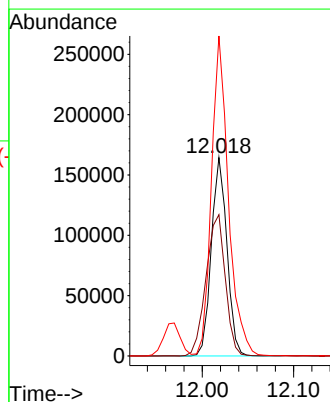
Tgt Ion:152 Resp: 194547

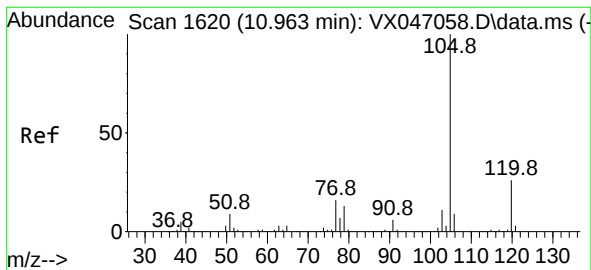
Ion Ratio Lower Upper

152 100

115 88.1 45.6 136.7

150 175.7 0.0 354.6





#73

Isopropylbenzene

Concen: 51.092 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 78419

Ion Ratio Lower Upper

105 100

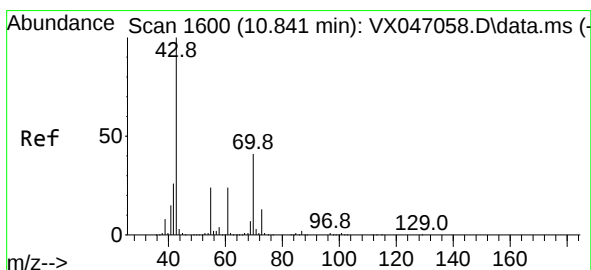
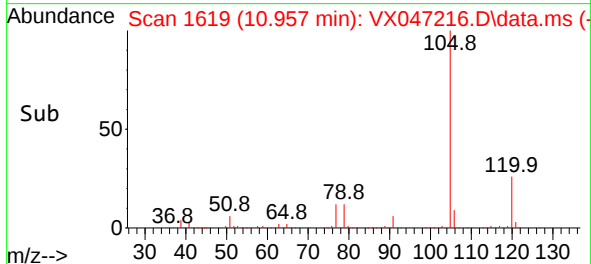
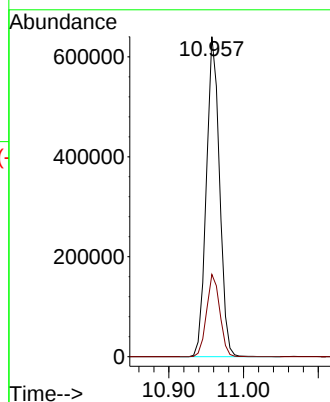
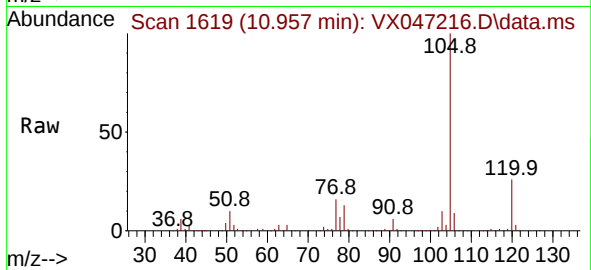
120 25.8 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#74

N-ethyl acetate

Concen: 45.915 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Tgt Ion: 43 Resp: 284347

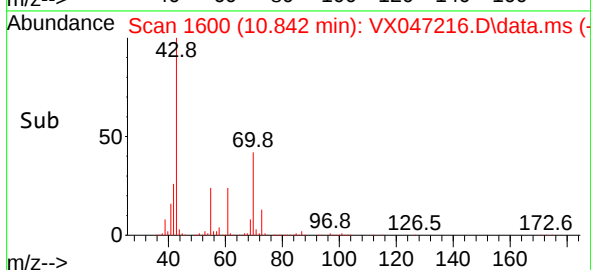
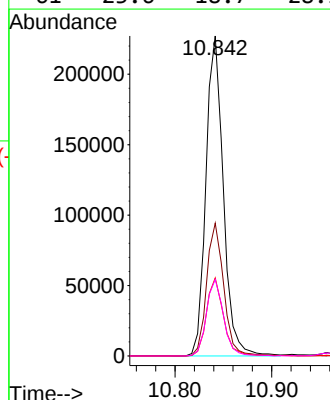
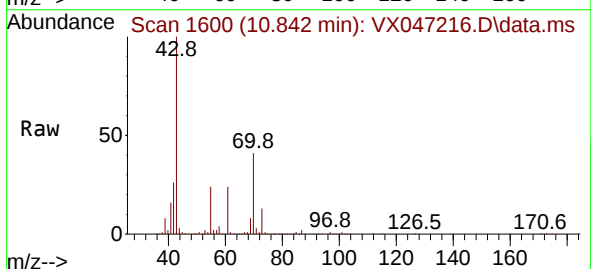
Ion Ratio Lower Upper

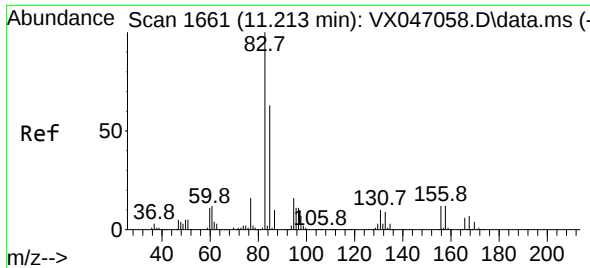
43 100

70 40.8 32.3 48.5

55 24.1 18.9 28.3

61 23.6 18.7 28.1





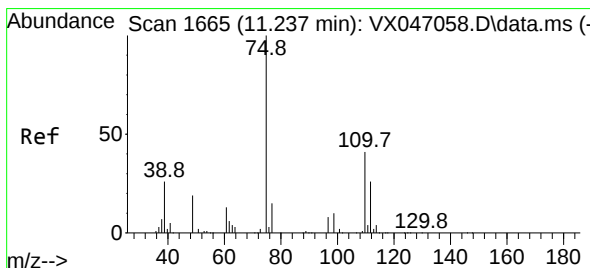
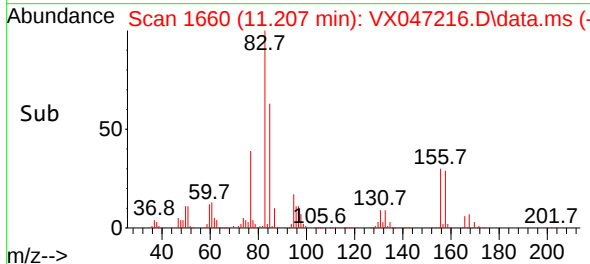
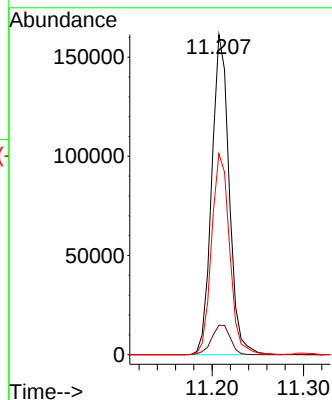
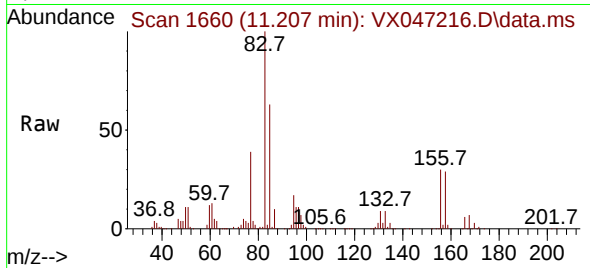
#75
1,1,2,2-Tetrachloroethane
Concen: 48.574 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 212962
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 65.1 32.0 96.2

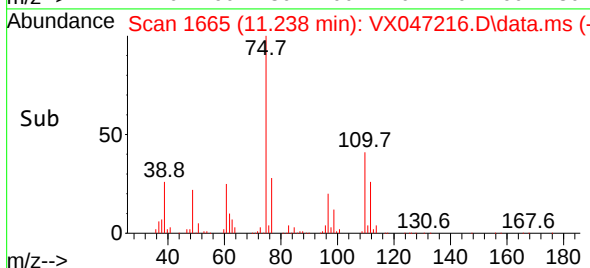
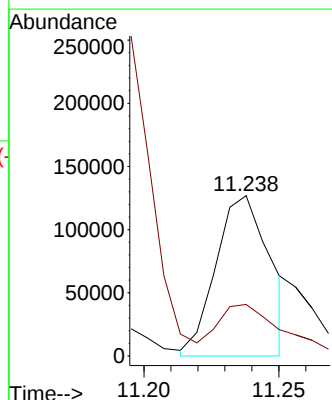
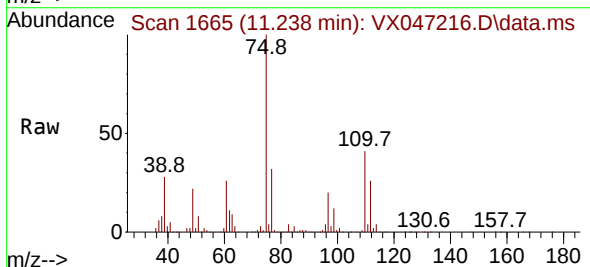
Manual Integrations
APPROVED

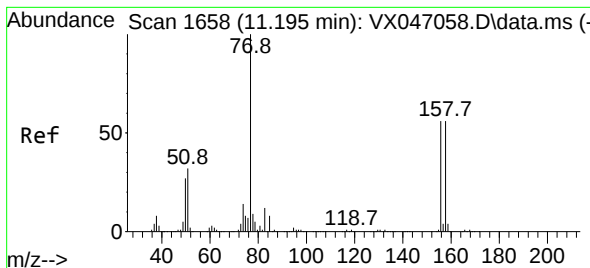
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#76
1,2,3-Trichloropropane
Concen: 48.889 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 75 Resp: 176048
Ion Ratio Lower Upper
75 100
77 39.2 21.6 65.0





#77

Bromobenzene

Concen: 50.524 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

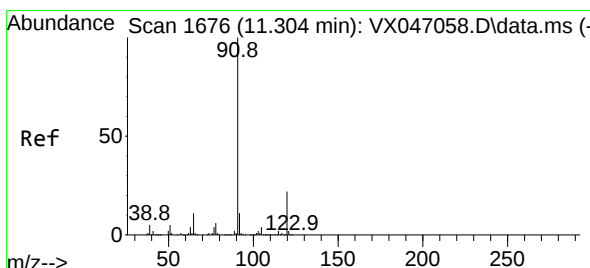
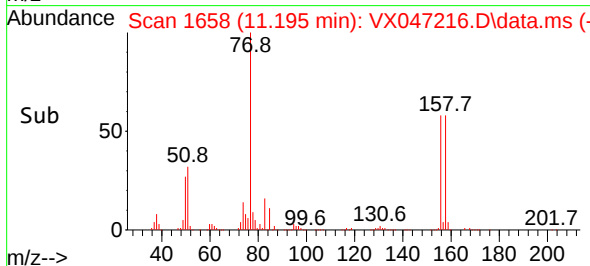
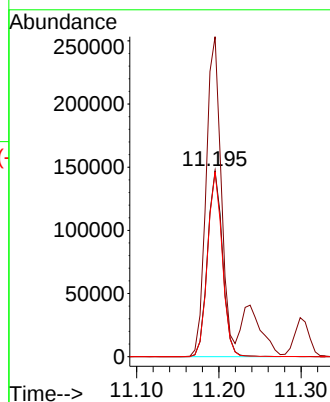
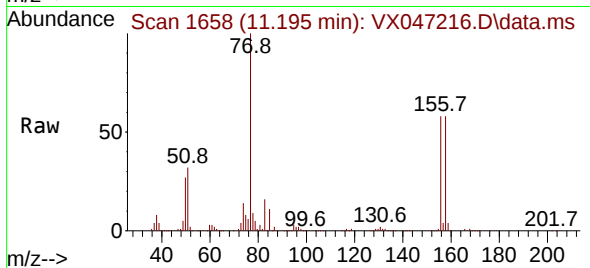
Tgt Ion:	156	Resp:	186000
Ion Ratio	Lower	Upper	
156	100		
77	174.0	87.3	261.9
158	97.8	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#78

n-propylbenzene

Concen: 50.175 ug/l

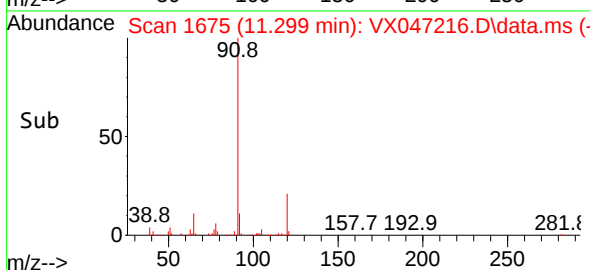
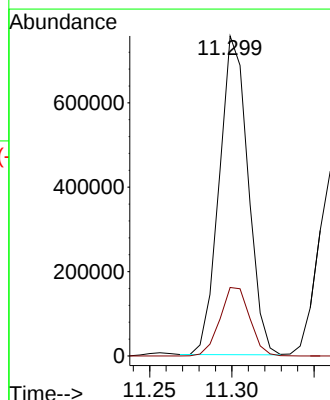
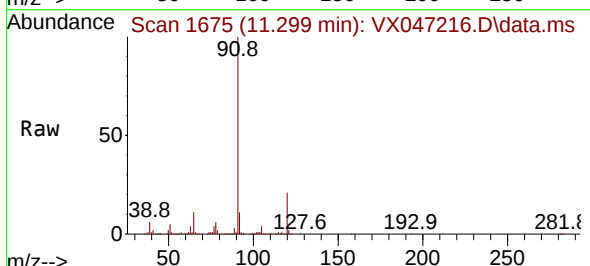
RT: 11.299 min Scan# 1675

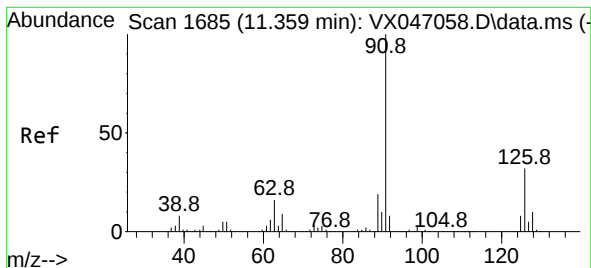
Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Tgt Ion:	91	Resp:	920270
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.0	33.0





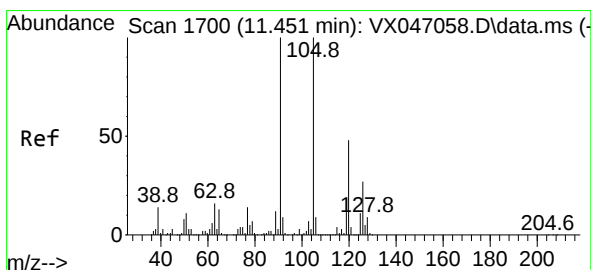
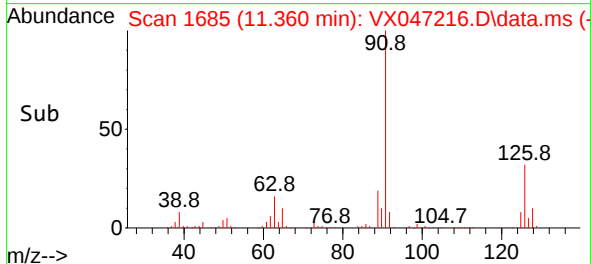
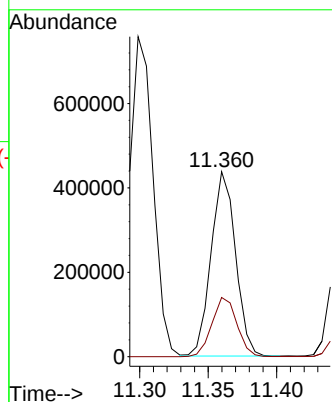
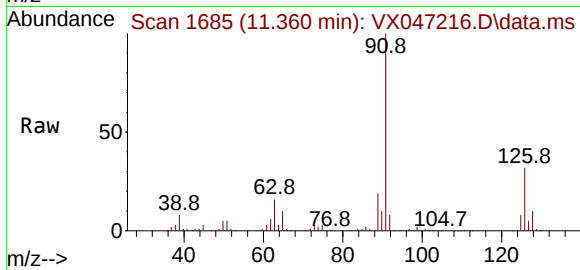
#79
2-Chlorotoluene
Concen: 49.535 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 543090
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

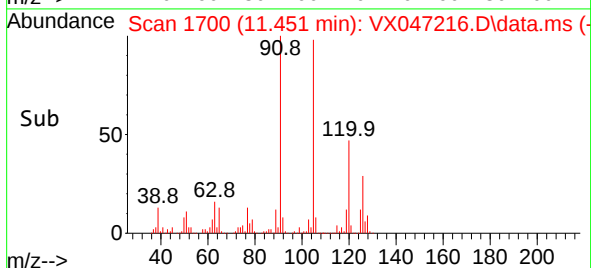
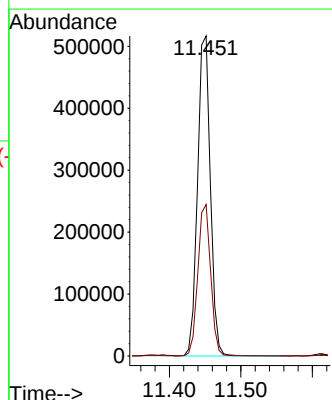
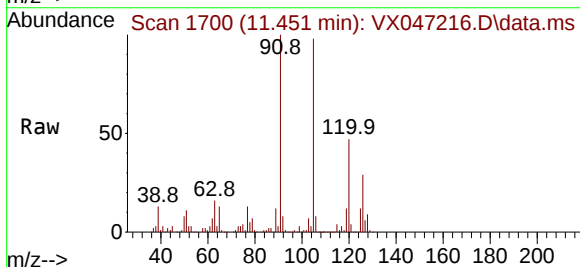
Manual Integrations
APPROVED

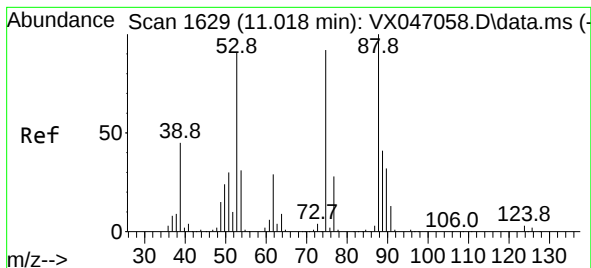
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.583 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

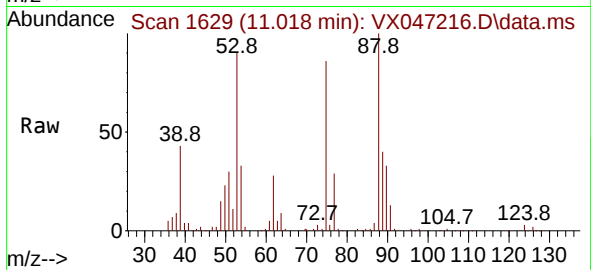
Tgt Ion:105 Resp: 641402
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 35.590 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

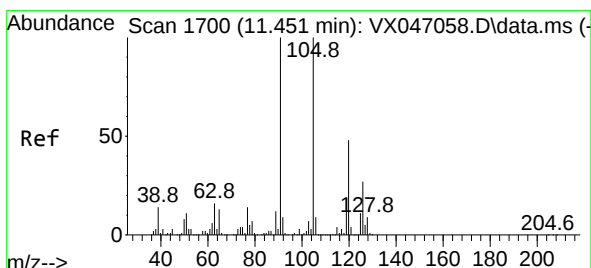
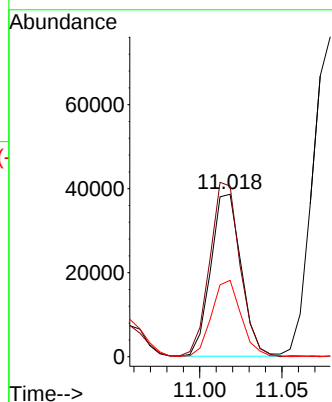
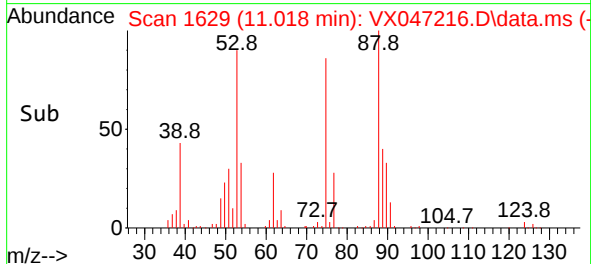
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 49744
Ion Ratio Lower Upper
75 100
53 106.1 84.2 126.4
89 45.3 36.0 54.0

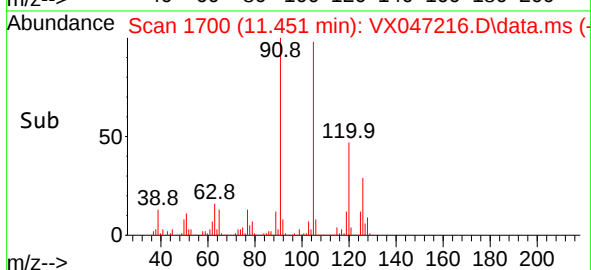
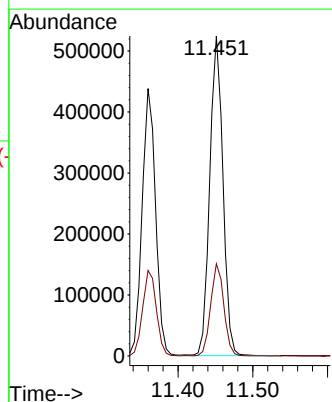
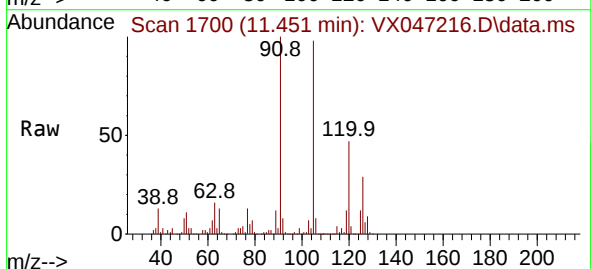
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#82
4-Chlorotoluene
Concen: 50.148 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

Tgt Ion: 91 Resp: 641761
Ion Ratio Lower Upper
91 100
126 28.8 14.1 42.3





#83

tert-Butylbenzene

Concen: 51.270 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 652510

Ion Ratio Lower Upper

119 100

91 58.7 29.6 88.8

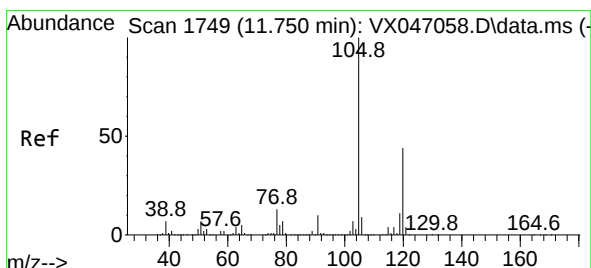
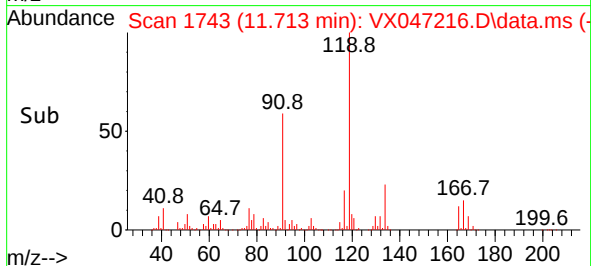
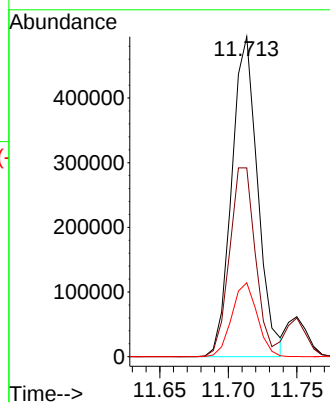
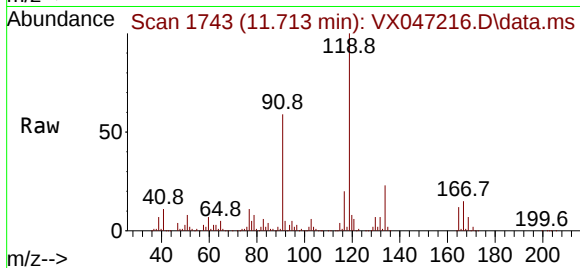
134 22.7 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#84

1,2,4-Trimethylbenzene

Concen: 50.558 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047216.D

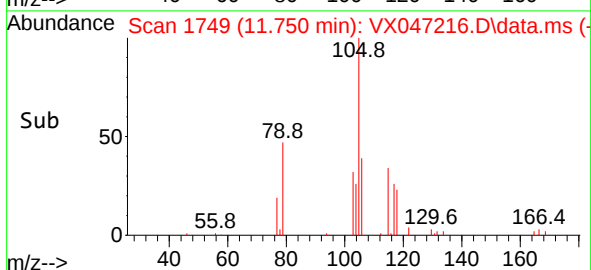
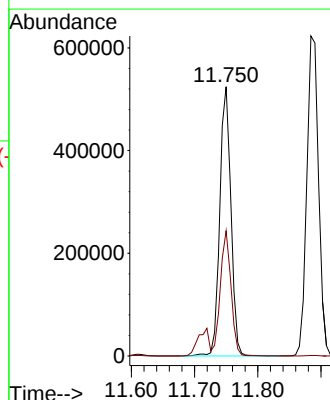
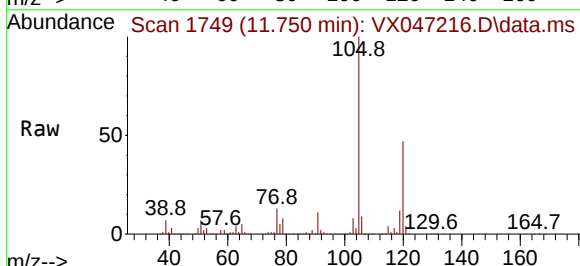
Acq: 04 Aug 2025 09:44

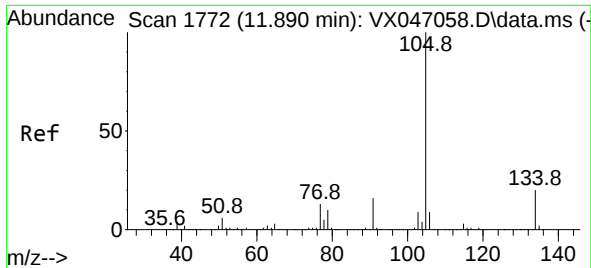
Tgt Ion:105 Resp: 639445

Ion Ratio Lower Upper

105 100

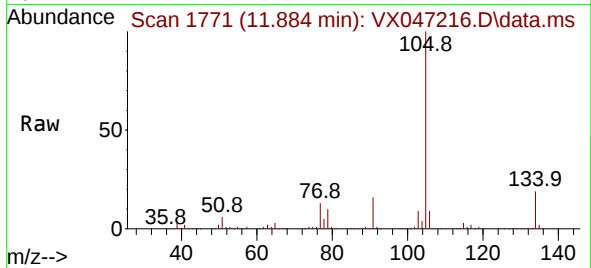
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 50.244 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44

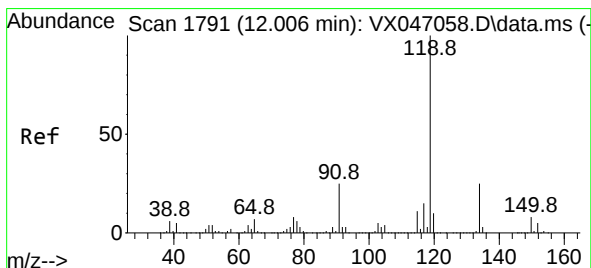
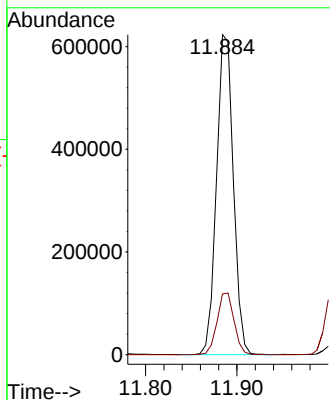
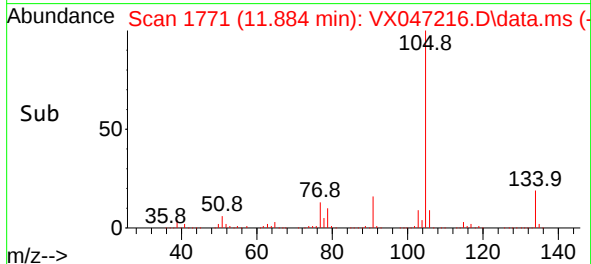
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



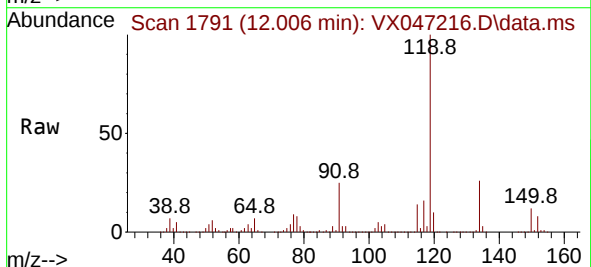
Tgt Ion:105 Resp: 79898
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7

Manual Integrations
 APPROVED

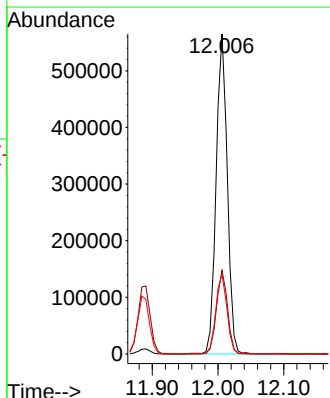
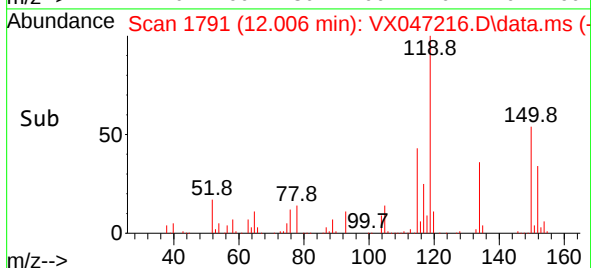
Reviewed By :John Carlone 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#86
 p-Isopropyltoluene
 Concen: 50.584 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047216.D
 Acq: 04 Aug 2025 09:44



Tgt Ion:119 Resp: 667051
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.491 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 346190

Ion Ratio Lower Upper

146 100

111 42.5 21.0 63.0

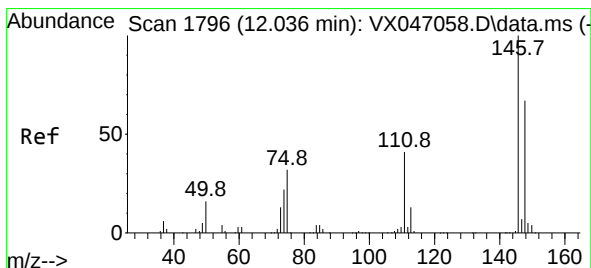
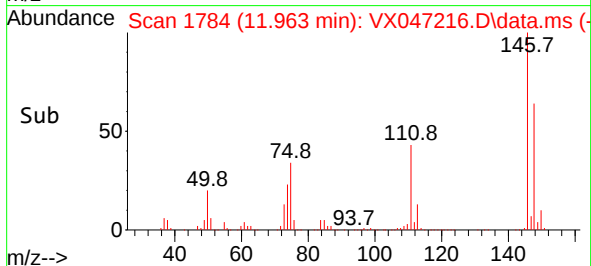
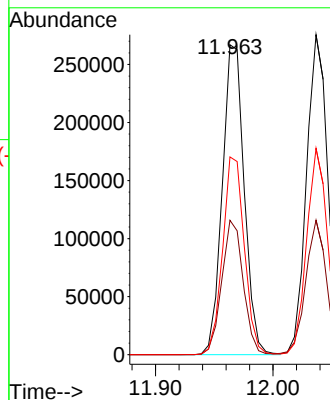
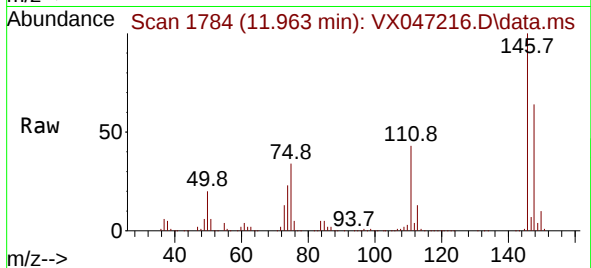
148 63.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#88

1,4-Dichlorobenzene

Concen: 48.991 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047216.D

Acq: 04 Aug 2025 09:44

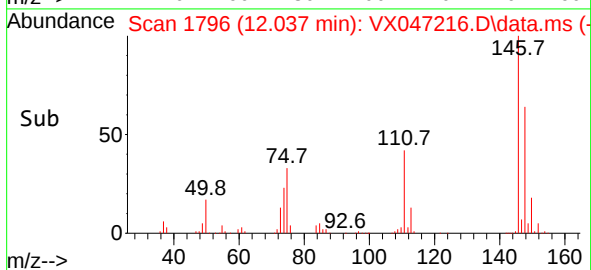
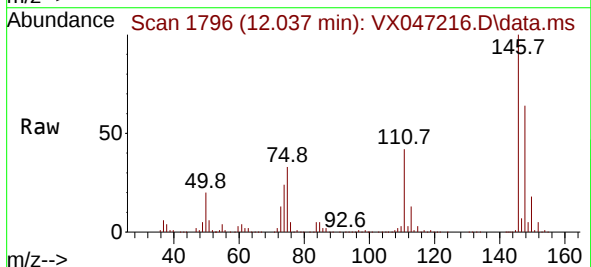
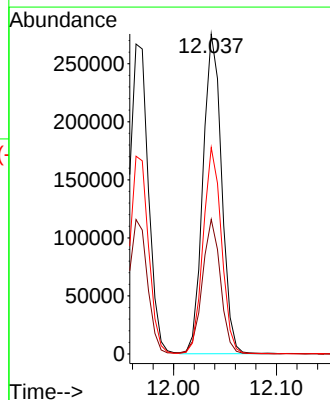
Tgt Ion:146 Resp: 347191

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

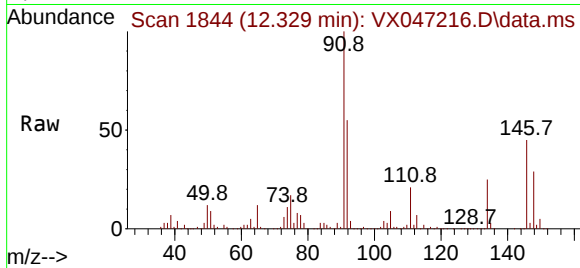
148 63.6 33.0 98.9





#89
n-Butylbenzene
Concen: 50.327 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

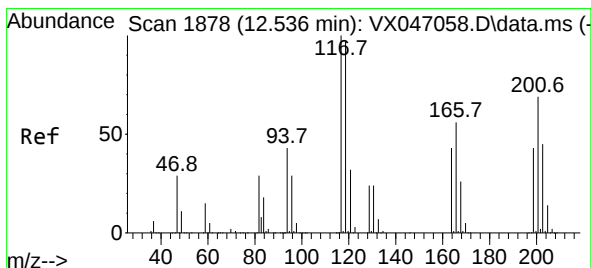
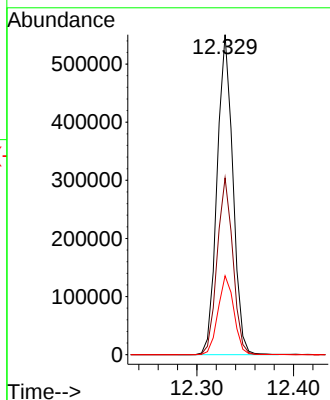
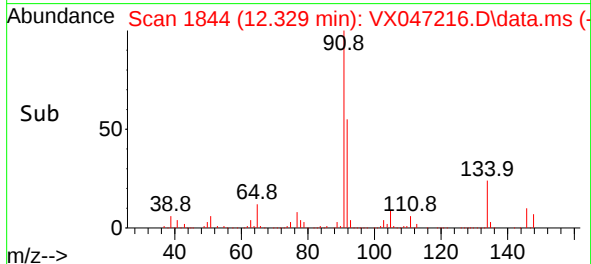
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 622379
Ion Ratio Lower Upper
91 100
92 55.0 27.5 82.5
134 24.8 12.8 38.3

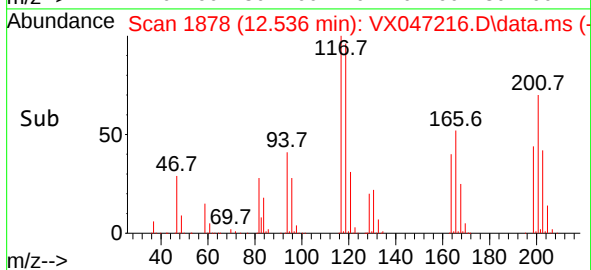
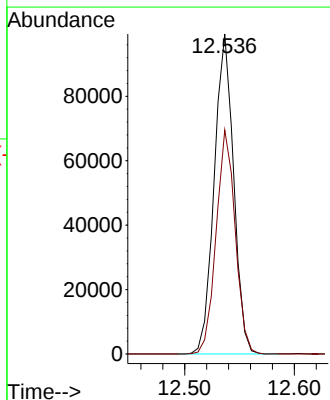
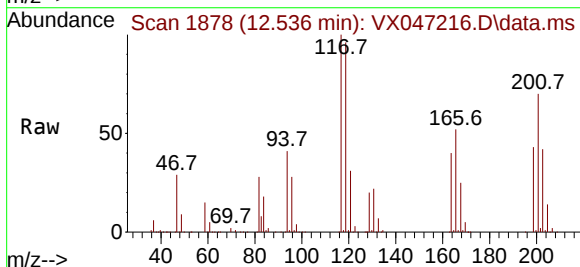
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#90
Hexachloroethane
Concen: 51.731 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

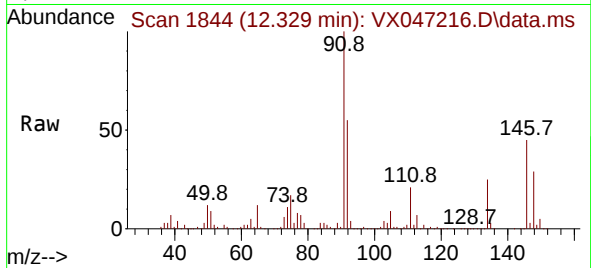
Tgt Ion:117 Resp: 122040
Ion Ratio Lower Upper
117 100
201 68.9 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 49.119 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

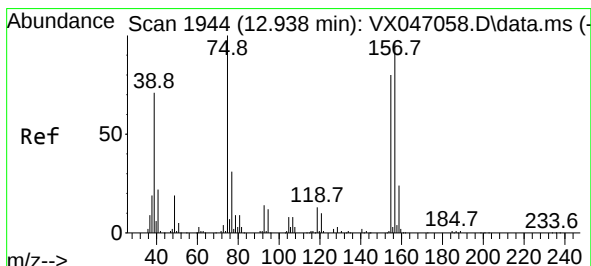
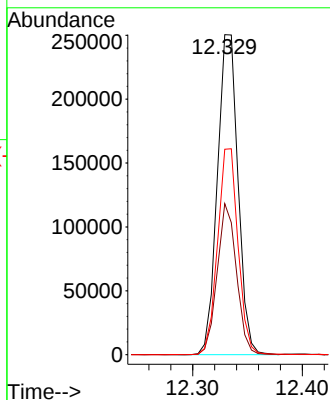
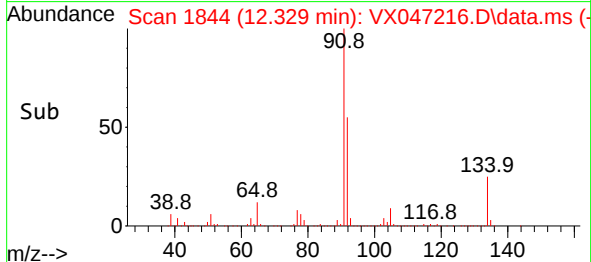
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



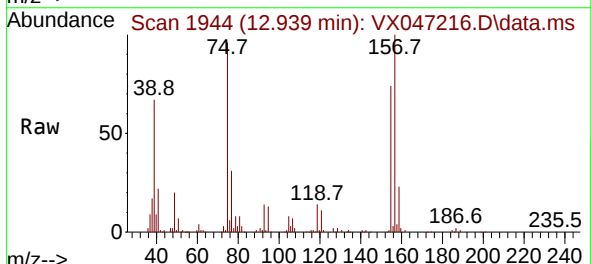
Tgt Ion:146 Resp: 32838
Ion Ratio Lower Upper
146 100
111 44.3 21.6 64.6
148 63.9 31.9 95.7

Manual Integrations
APPROVED

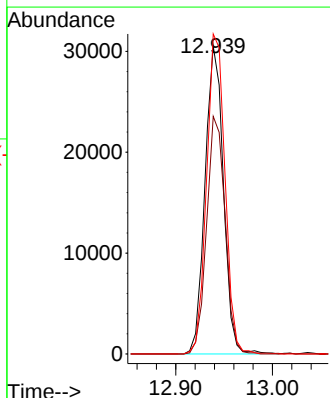
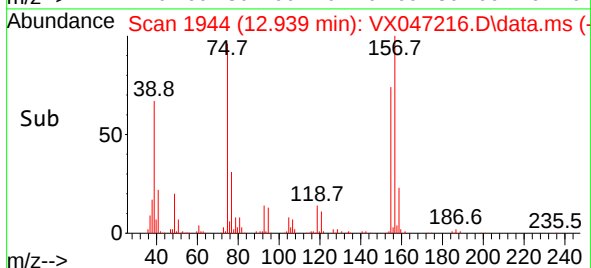
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

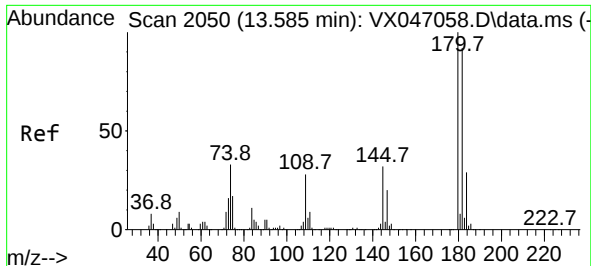


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.965 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44



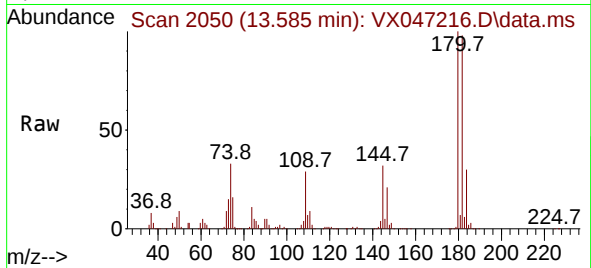
Tgt Ion: 75 Resp: 40366
Ion Ratio Lower Upper
75 100
155 77.9 41.3 124.1
157 104.0 52.8 158.3





#93
1,2,4-Trichlorobenzene
Concen: 49.963 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

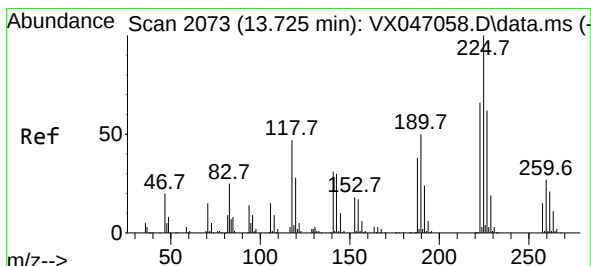
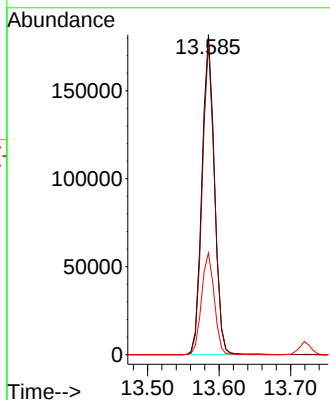
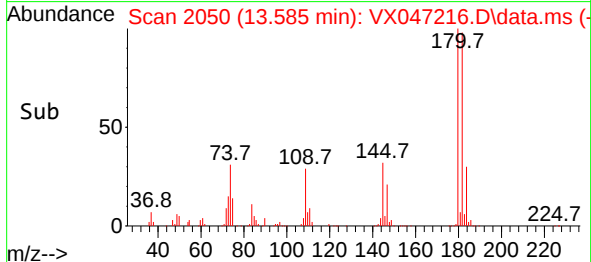
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 220690
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.8
145 32.5 16.4 49.1

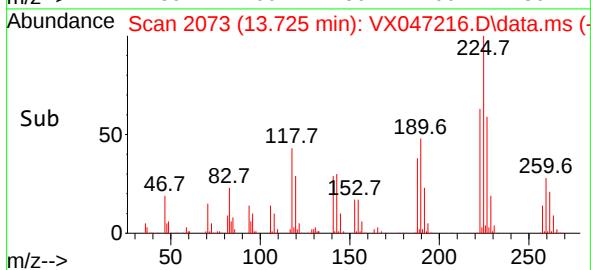
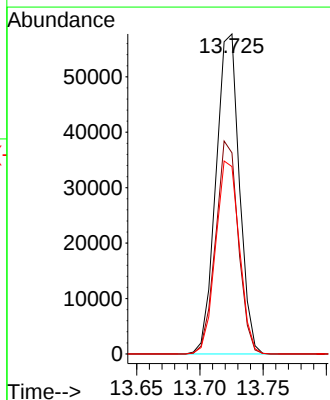
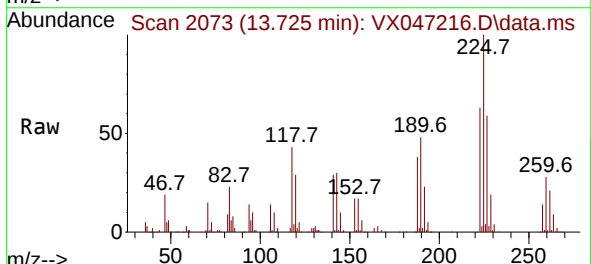
Manual Integrations
APPROVED

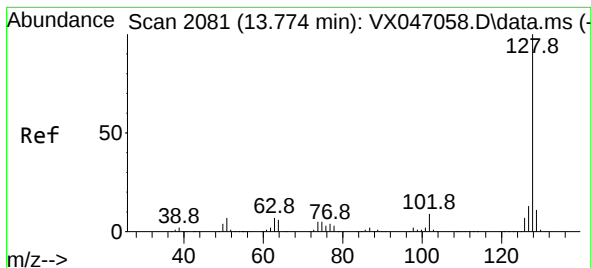
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#94
Hexachlorobutadiene
Concen: 49.336 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

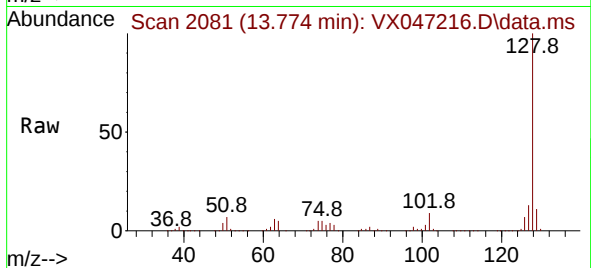
Tgt Ion:225 Resp: 74113
Ion Ratio Lower Upper
225 100
223 64.4 31.6 95.0
227 61.1 32.9 98.6





#95
Naphthalene
Concen: 49.086 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44

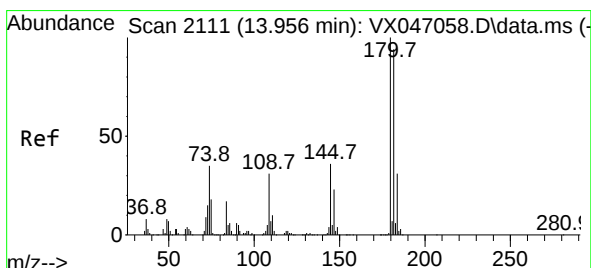
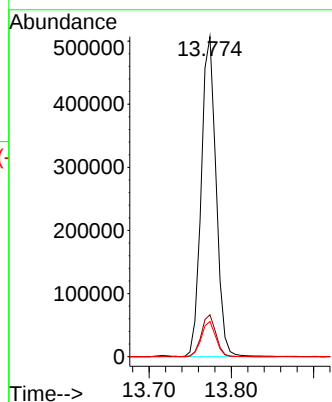
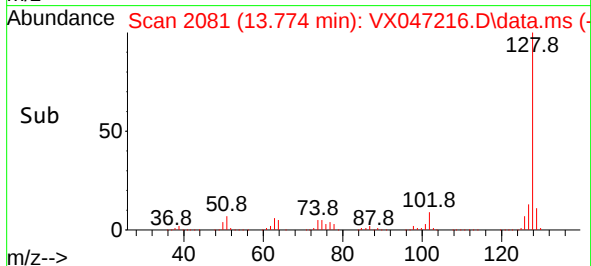
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



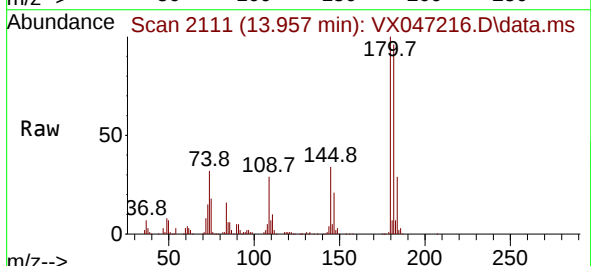
Tgt Ion:128 Resp: 63560
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.272 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047216.D
Acq: 04 Aug 2025 09:44



Tgt Ion:180 Resp: 209669
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 34.7 17.3 52.0

