

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047202.D
 Acq On : 01 Aug 2025 10:22
 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 08/04/2025
 Supervised By : Mahesh Dadoda 08/04/2025

Quant Time: Aug 02 00:22:47 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	249274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	396034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168777	54.354	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.700%			
35) Dibromofluoromethane	5.391	113	143030	52.711	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	8.647	98	407877	46.415	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.840%			
62) 4-Bromofluorobenzene	11.079	95	194873	51.459	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	147130	44.437	ug/l	100
3) Chloromethane	1.313	50	133422	40.738	ug/l	99
4) Vinyl Chloride	1.392	62	161551	45.886	ug/l	99
5) Bromomethane	1.630	94	86835	45.405	ug/l	92
6) Chloroethane	1.703	64	95243	41.189	ug/l	98
7) Trichlorofluoromethane	1.904	101	242797	46.249	ug/l	97
8) Diethyl Ether	2.142	74	96947	52.375	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	144034	45.539	ug/l	99
10) Methyl Iodide	2.471	142	228722	70.955	ug/l	99
11) Tert butyl alcohol	2.953	59	85546	235.055	ug/l	99
12) 1,1-Dichloroethene	2.337	96	142309	45.427	ug/l	98
13) Acrolein	2.245	56	164530	246.082	ug/l	100
14) Allyl chloride	2.678	41	254142	44.880	ug/l	95
15) Acrylonitrile	3.075	53	384397	259.563	ug/l	100
16) Acetone	2.386	43	340379	273.630	ug/l	99
17) Carbon Disulfide	2.526	76	359875	39.710	ug/l	99
18) Methyl Acetate	2.709	43	205309	62.107	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	517463	54.276	ug/l	99
20) Methylene Chloride	2.800	84	170284	49.759	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	149747	46.713	ug/l	95
22) Diisopropyl ether	3.763	45	581939	53.452	ug/l	97
23) Vinyl Acetate	3.727	43	2346066	268.668	ug/l	100
24) 1,1-Dichloroethane	3.617	63	302985	50.046	ug/l	100
25) 2-Butanone	4.556	43	462917	255.575	ug/l	99
26) 2,2-Dichloropropane	4.483	77	228054	48.663	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	190537	50.193	ug/l	99
28) Bromochloromethane	4.903	49	163712	58.778	ug/l	100
29) Tetrahydrofuran	5.013	42	275582	235.810	ug/l	96
30) Chloroform	5.099	83	311367	50.525	ug/l	100
31) Cyclohexane	5.477	56	240661	41.458	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	252506	47.173	ug/l	99
36) 1,1-Dichloropropene	5.696	75	191984	41.507	ug/l	99
37) Ethyl Acetate	4.715	43	209532	49.162	ug/l	99
38) Carbon Tetrachloride	5.678	117	218001	44.159	ug/l	96
39) Methylcyclohexane	7.379	83	239537	41.478	ug/l	98
40) Benzene	6.044	78	621771	46.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	108376	48.632	ug/l	94
42) 1,2-Dichloroethane	6.086	62	237943	50.462	ug/l	99
43) Isopropyl Acetate	6.336	43	339645	51.117	ug/l	98
44) Trichloroethene	7.129	130	152188	44.336	ug/l	99
45) 1,2-Dichloropropane	7.427	63	164759	49.144	ug/l	92
46) Dibromomethane	7.580	93	119052	50.638	ug/l	99
47) Bromodichloromethane	7.818	83	255281	51.014	ug/l	99
48) Methyl methacrylate	7.690	41	176657	48.805	ug/l	99
49) 1,4-Dioxane	7.720	88	36680	890.960	ug/l #	76
51) 4-Methyl-2-Pentanone	8.567	43	980486	248.264	ug/l	99
52) Toluene	8.714	92	382580	46.482	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	242189	51.252	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	259734	50.220	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	157727	51.099	ug/l	97
56) Ethyl methacrylate	9.116	69	239580	52.429	ug/l	99
57) 1,3-Dichloropropane	9.305	76	267996	49.956	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	647878	254.784	ug/l	99
59) 2-Hexanone	9.427	43	659837	252.881	ug/l	99
60) Dibromochloromethane	9.519	129	188141	51.970	ug/l	100
61) 1,2-Dibromoethane	9.604	107	160768	49.811	ug/l	100
64) Tetrachloroethene	9.275	164	120939	42.361	ug/l	97
65) Chlorobenzene	10.079	112	432685	46.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	154408	49.432	ug/l	99
67) Ethyl Benzene	10.189	91	745099	45.932	ug/l	99
68) m/p-Xylenes	10.299	106	551606	90.866	ug/l	100
69) o-Xylene	10.640	106	273774	47.407	ug/l	99
70) Styrene	10.652	104	481629	48.636	ug/l	99
71) Bromoform	10.799	173	119008	50.155	ug/l #	100
73) Isopropylbenzene	10.957	105	703009	45.633	ug/l	100
74) N-amyl acetate	10.841	43	300736	48.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	217115	49.338	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	178451m	49.373	ug/l	
77) Bromobenzene	11.195	156	173980	47.084	ug/l	99
78) n-propylbenzene	11.299	91	834507	45.330	ug/l	99
79) 2-Chlorotoluene	11.360	91	506991	46.071	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	586816	46.106	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	47022	33.518	ug/l	99
82) 4-Chlorotoluene	11.451	91	602449	46.902	ug/l	99
83) tert-Butylbenzene	11.713	119	598916	46.884	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	592090	46.641	ug/l	99
85) sec-Butylbenzene	11.890	105	724398	45.385	ug/l	100
86) p-Isopropyltoluene	12.006	119	610320	46.110	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	325137	46.309	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	327586	46.053	ug/l	99
89) n-Butylbenzene	12.329	91	565708	45.575	ug/l	100
90) Hexachloroethane	12.536	117	110622	46.717	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	314072	46.804	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42579	50.407	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	216310	48.790	ug/l	100
94) Hexachlorobutadiene	13.725	225	77341	51.294	ug/l	97
95) Naphthalene	13.774	128	652926	50.236	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	209265	48.995	ug/l	99

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QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

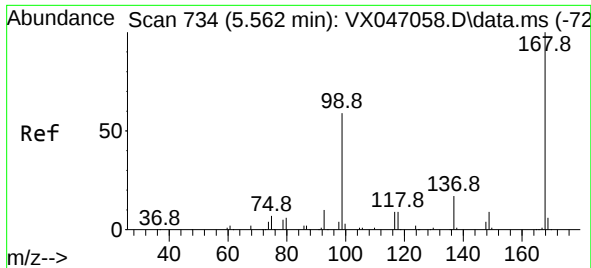
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

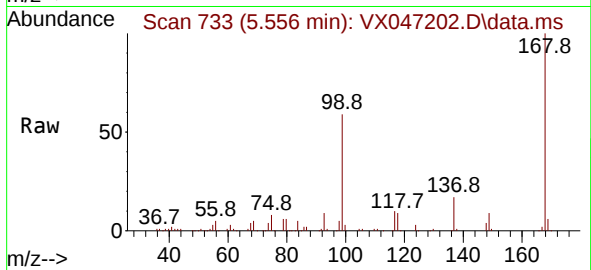
Quant Time: Aug 02 00:22:47 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047202.D
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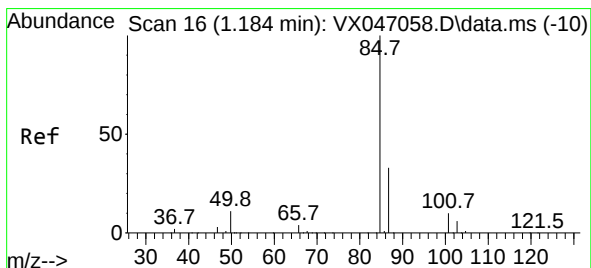
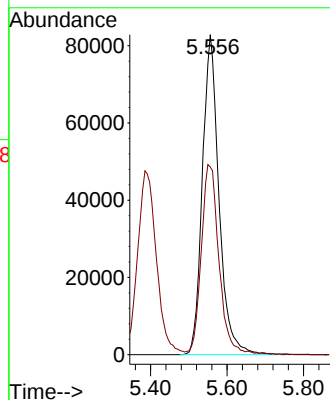
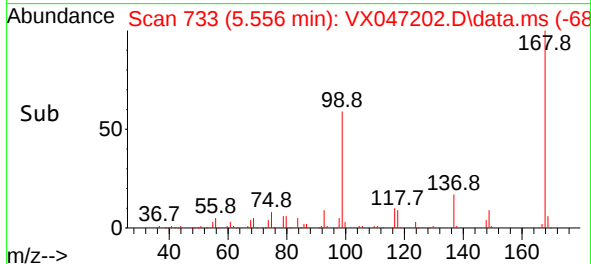
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 249274
Ion Ratio Lower Upper
168 100
99 58.4 48.0 72.0

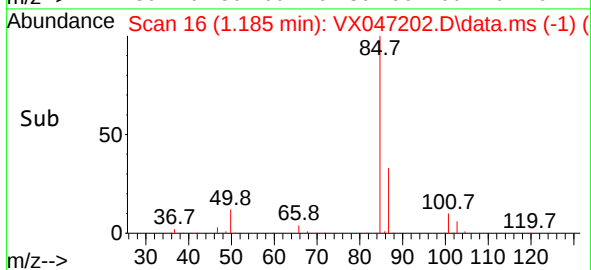
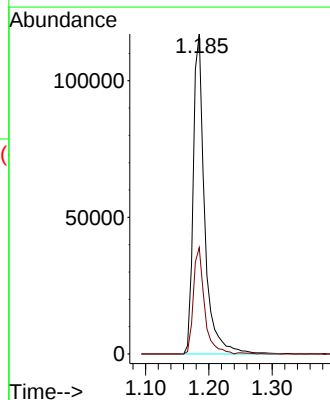
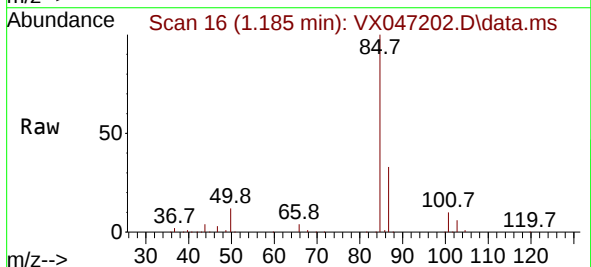
Manual Integrations
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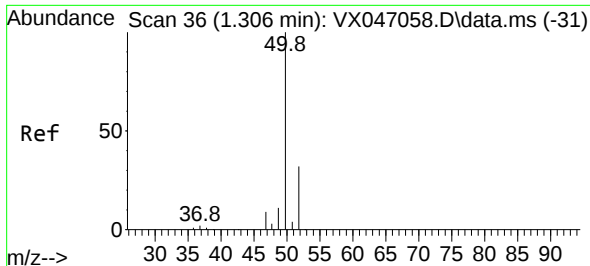
Reviewed By :John Carlone 08/04/2025
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#2
Dichlorodifluoromethane
Concen: 44.437 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Tgt Ion: 85 Resp: 147130
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.8





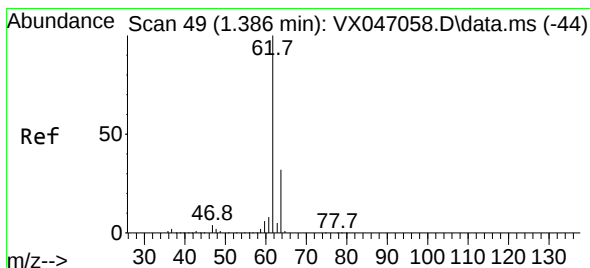
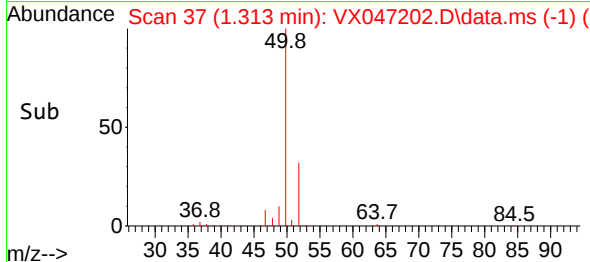
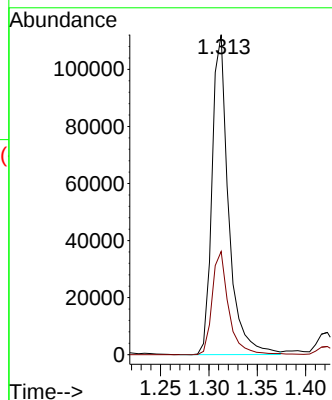
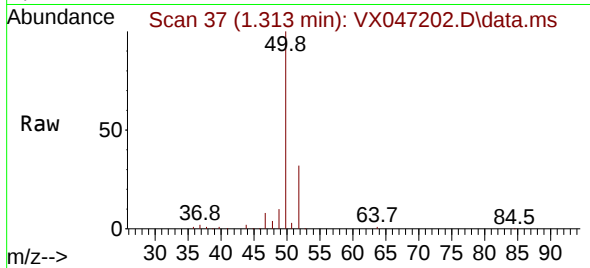
#3
Chloromethane
Concen: 40.738 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

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ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 13342
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

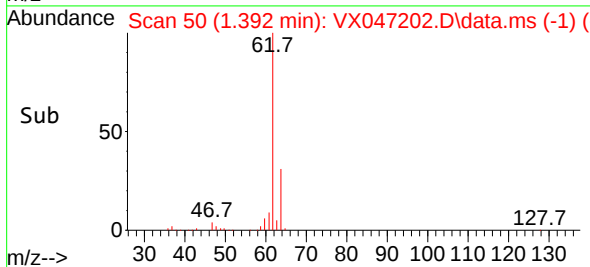
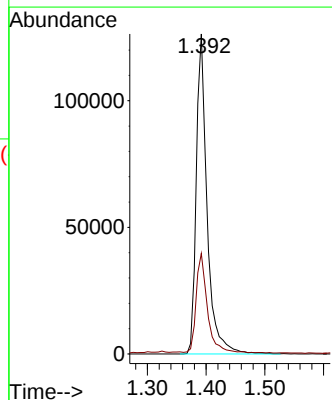
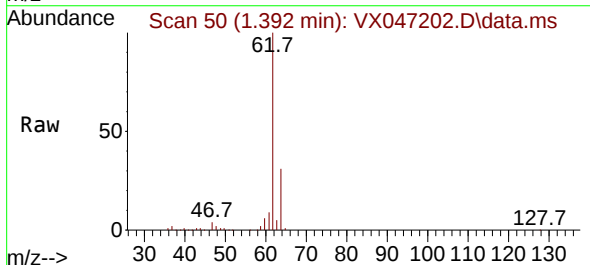
Manual Integrations
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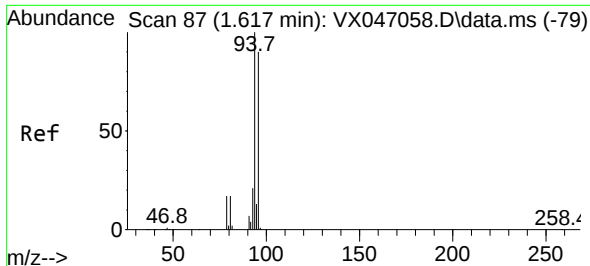
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#4
Vinyl Chloride
Concen: 45.886 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

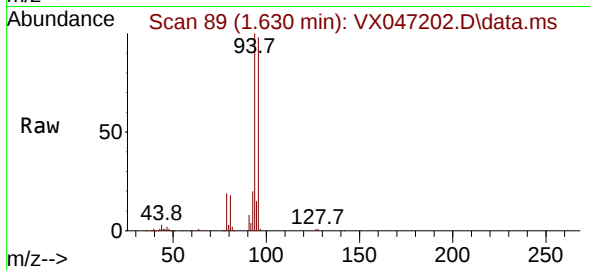
Tgt Ion: 62 Resp: 161551
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8





#5
Bromomethane
Concen: 45.405 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

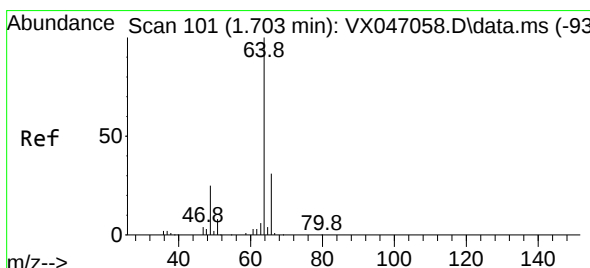
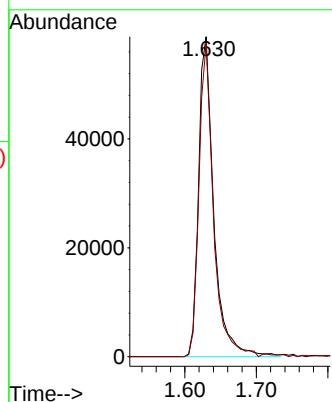
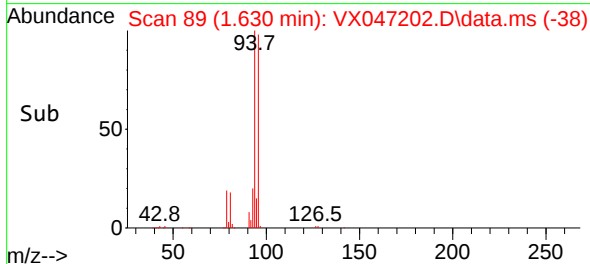
Instrument :
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ClientSampleId :
VSTDCCC050



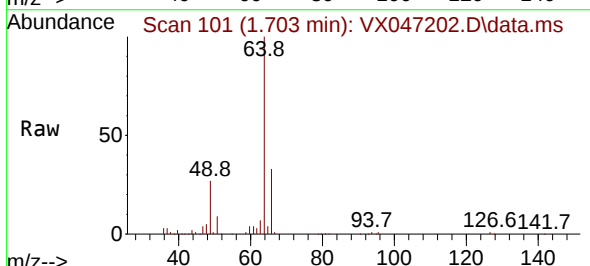
Tgt Ion: 94 Resp: 8683
Ion Ratio Lower Upper
94 100
96 97.8 72.3 108.5

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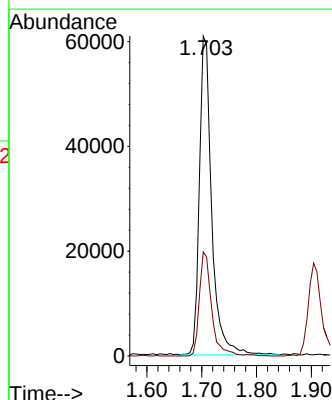
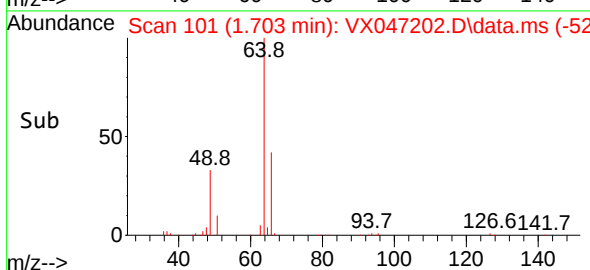
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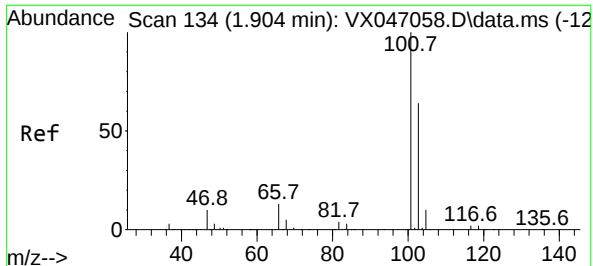


#6
Chloroethane
Concen: 41.189 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047202.D
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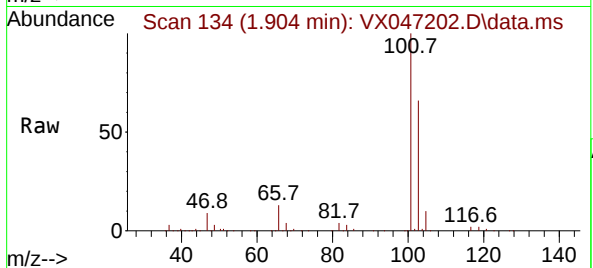
Tgt Ion: 64 Resp: 95243
Ion Ratio Lower Upper
64 100
66 32.6 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 46.249 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047202.D
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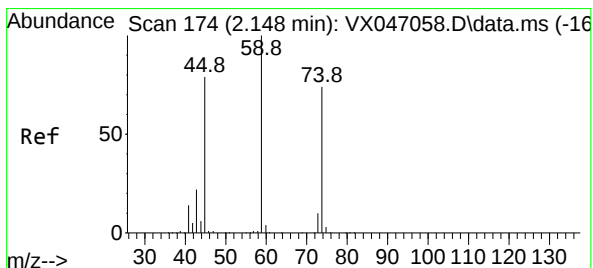
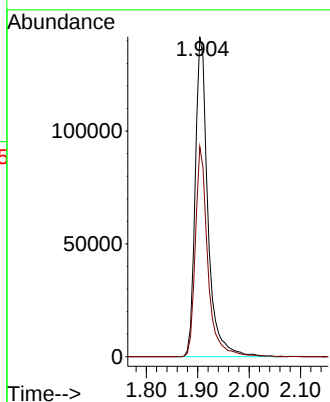
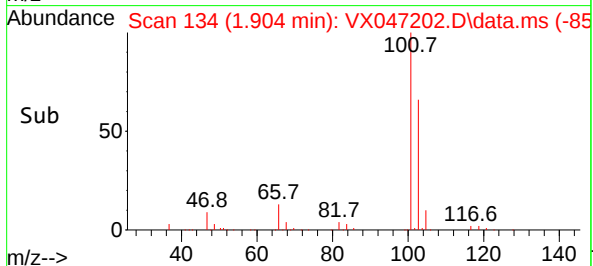
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 24279
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.9 76.3

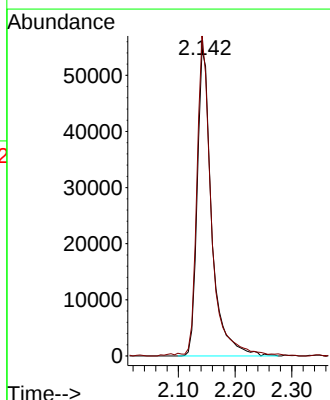
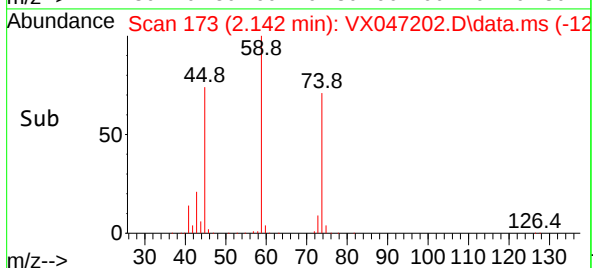
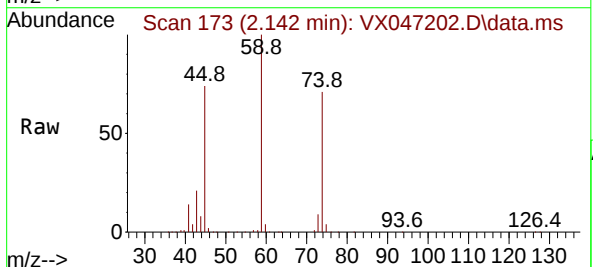
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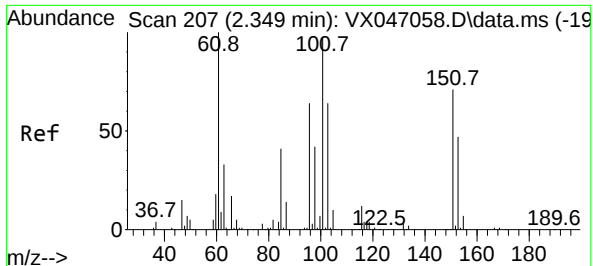
Reviewed By :John Carlone 08/04/2025
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#8
 Diethyl Ether
 Concen: 52.375 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047202.D
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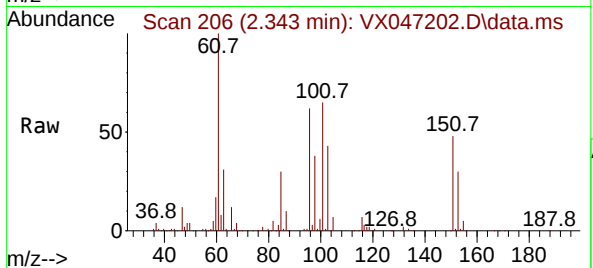
Tgt Ion: 74 Resp: 96947
 Ion Ratio Lower Upper
 74 100
 45 105.1 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.539 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

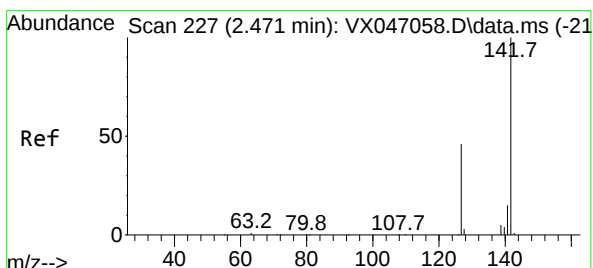
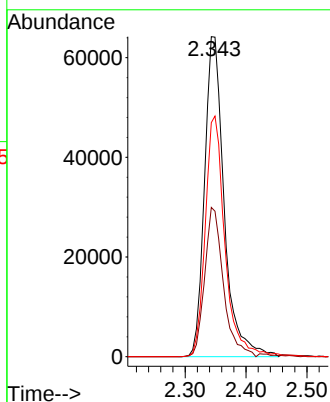
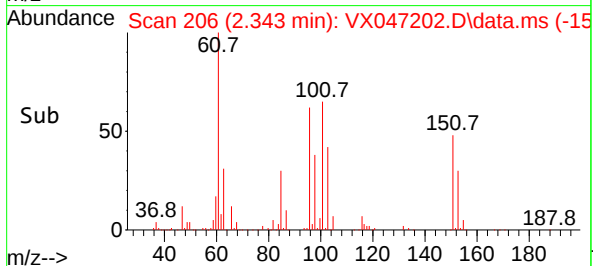
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 144034
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.0
151 75.7 59.2 88.8

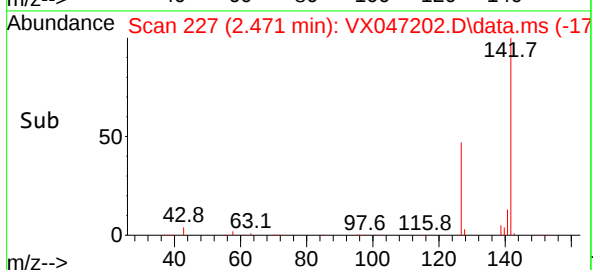
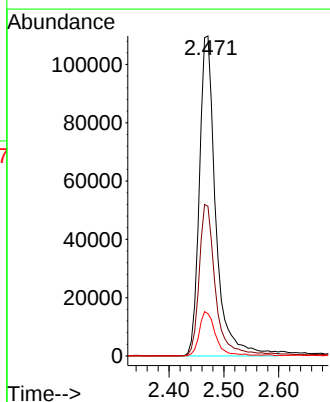
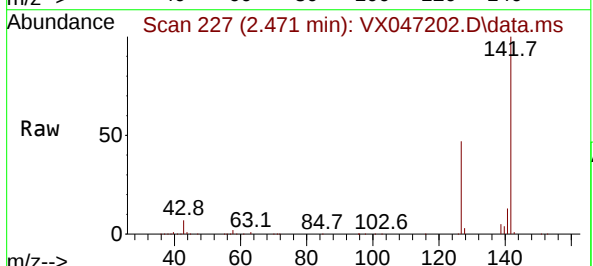
Manual Integrations
APPROVED

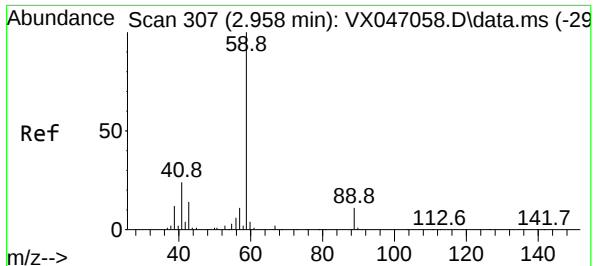
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#10
Methyl Iodide
Concen: 70.955 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Tgt Ion:142 Resp: 228722
Ion Ratio Lower Upper
142 100
127 46.8 36.6 54.8
141 13.8 10.9 16.3





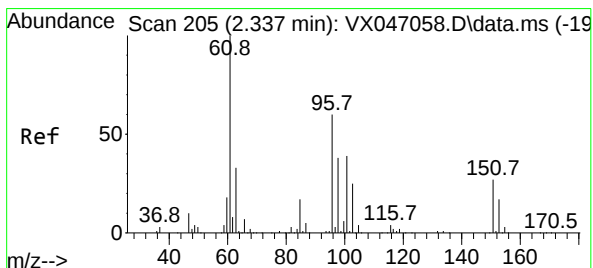
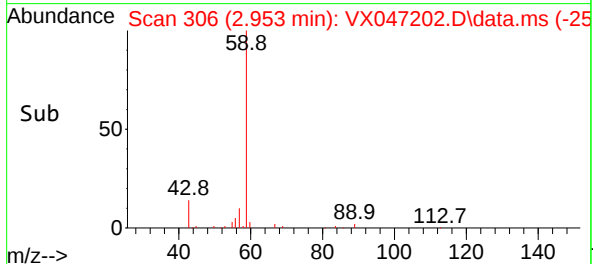
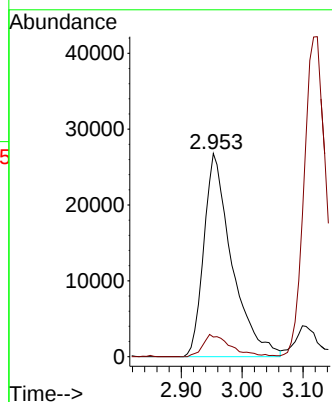
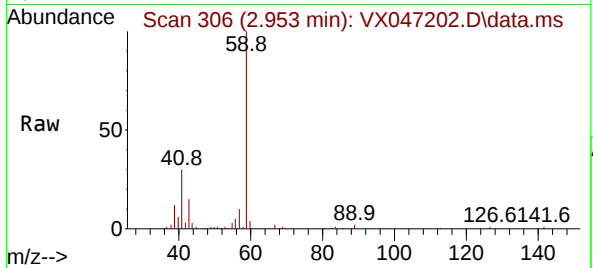
#11
Tert butyl alcohol
Concen: 235.055 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 85540
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

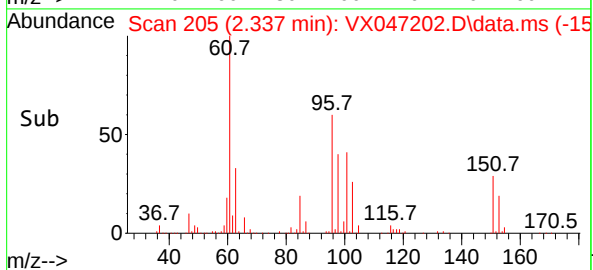
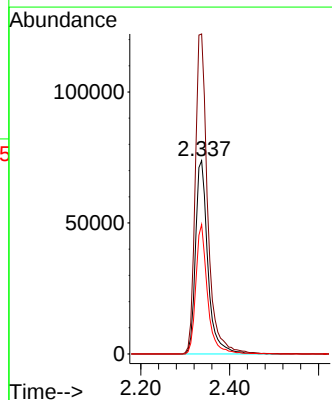
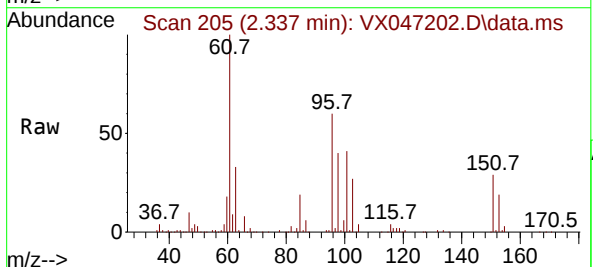
Manual Integrations
APPROVED

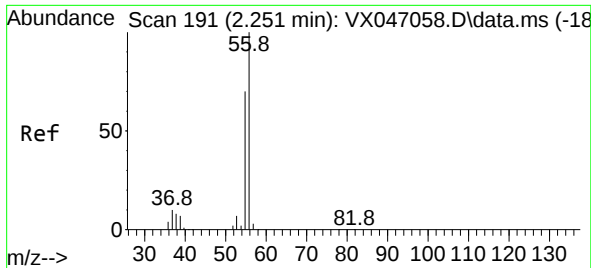
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#12
1,1-Dichloroethene
Concen: 45.427 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Tgt Ion: 96 Resp: 142309
Ion Ratio Lower Upper
96 100
61 165.5 132.6 198.8
98 67.0 50.2 75.4





#13

Acrolein

Concen: 246.082 ug/l

RT: 2.245 min Scan# 191

Delta R.T. -0.006 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 164530

Ion Ratio Lower Upper

56 100

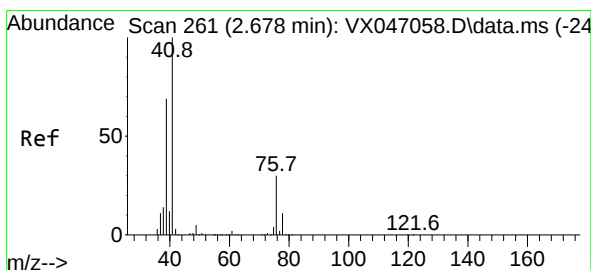
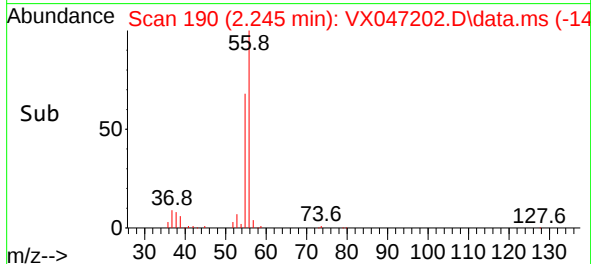
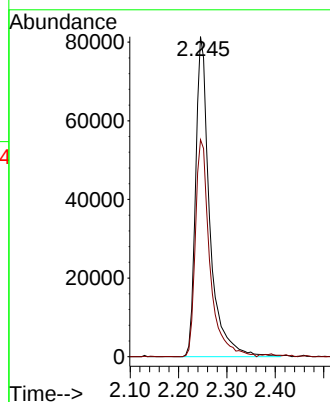
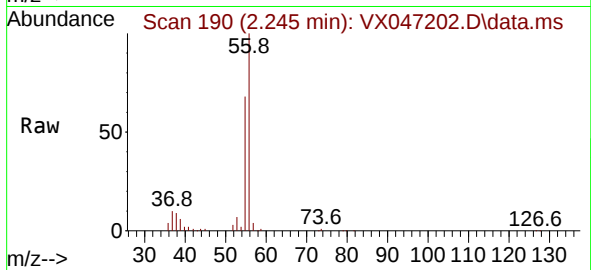
55 69.7 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#14

Allyl chloride

Concen: 44.880 ug/l

RT: 2.678 min Scan# 261

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

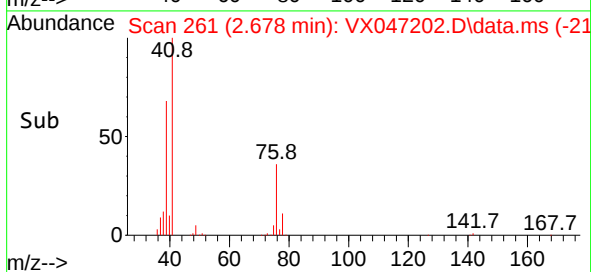
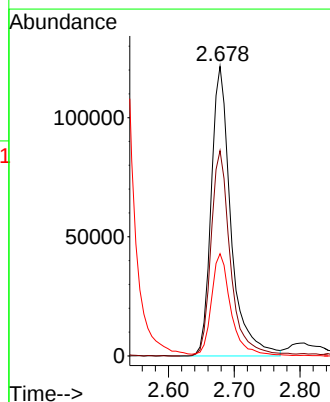
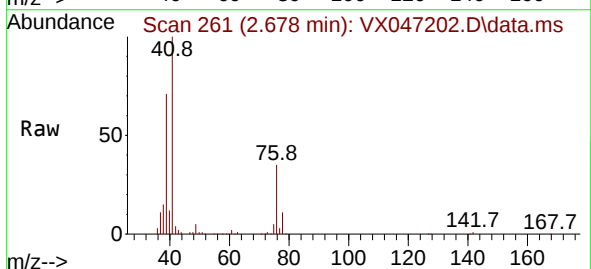
Tgt Ion: 41 Resp: 254142

Ion Ratio Lower Upper

41 100

39 70.1 52.6 78.8

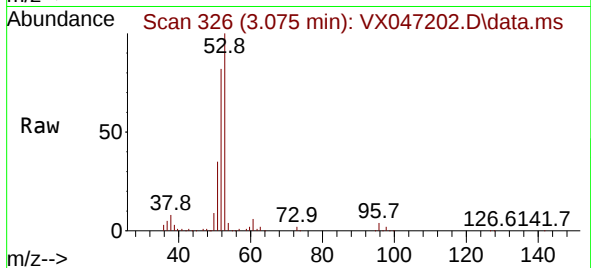
76 34.5 25.7 38.5





#15
Acrylonitrile
Concen: 259.563 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

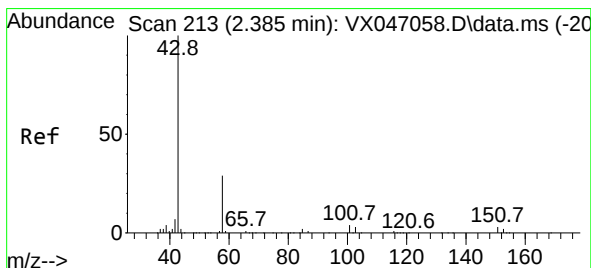
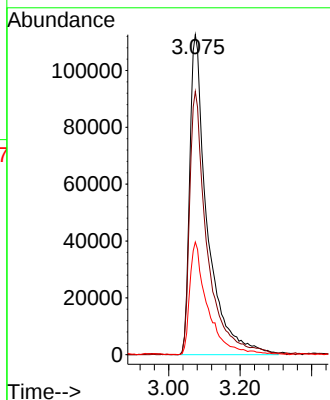
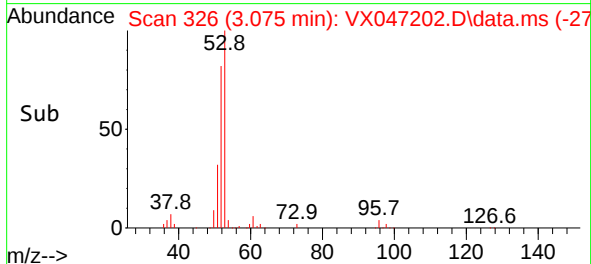
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



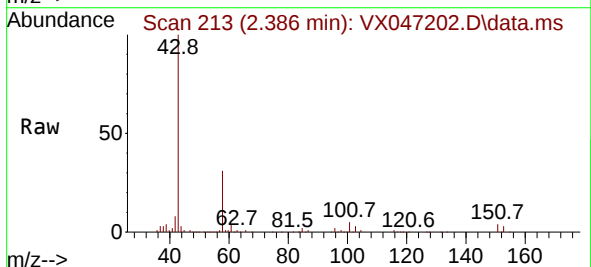
Tgt Ion: 53 Resp: 38439
Ion Ratio Lower Upper
53 100
52 82.0 65.7 98.5
51 36.0 28.8 43.2

Manual Integrations
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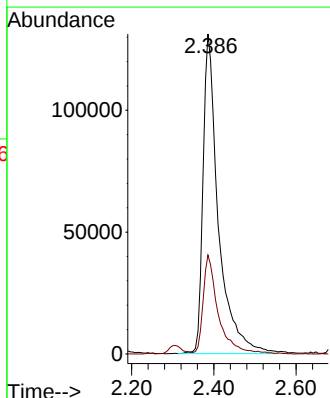
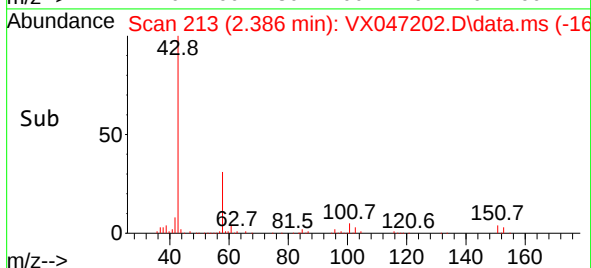
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

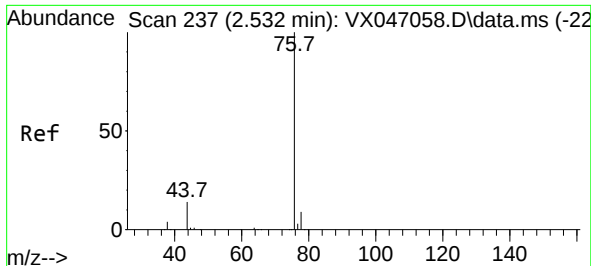


#16
Acetone
Concen: 273.630 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22



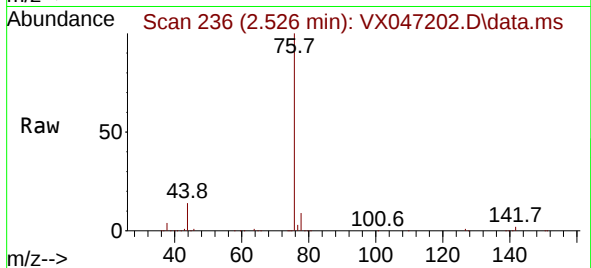
Tgt Ion: 43 Resp: 340379
Ion Ratio Lower Upper
43 100
58 30.6 24.0 36.0





#17
Carbon Disulfide
Concen: 39.710 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

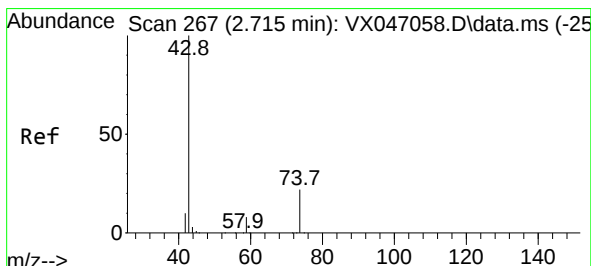
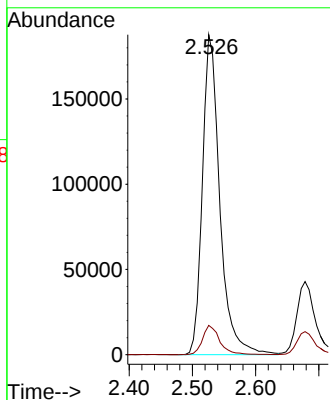
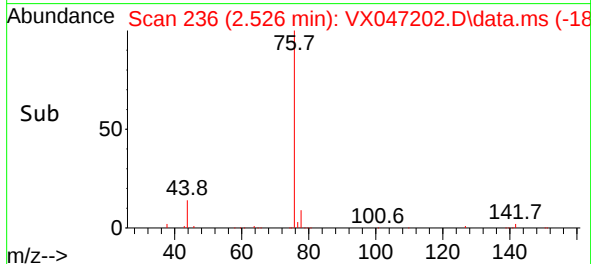
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 359875
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

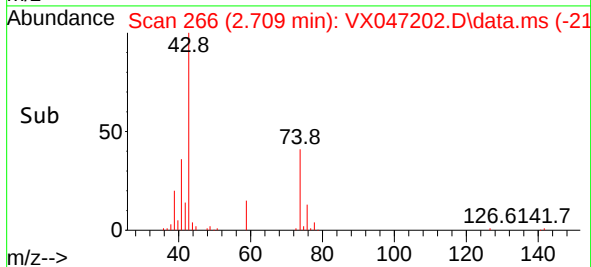
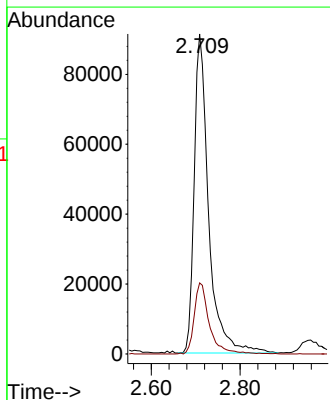
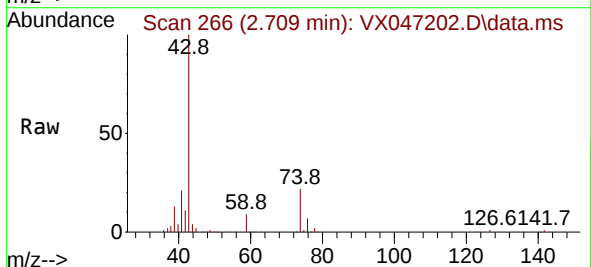
Manual Integrations
APPROVED

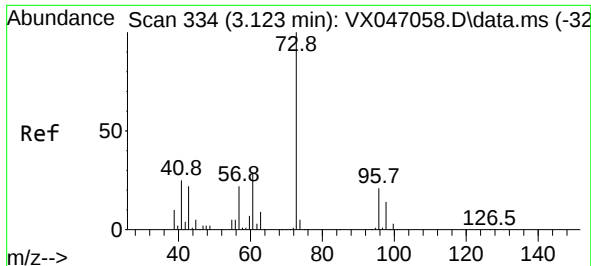
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#18
Methyl Acetate
Concen: 62.107 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Tgt Ion: 43 Resp: 205309
Ion Ratio Lower Upper
43 100
74 23.4 17.7 26.5





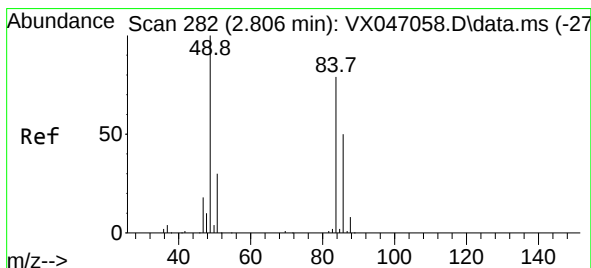
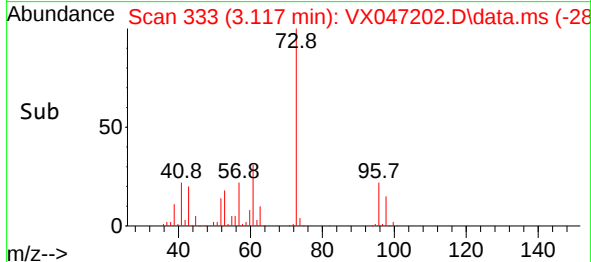
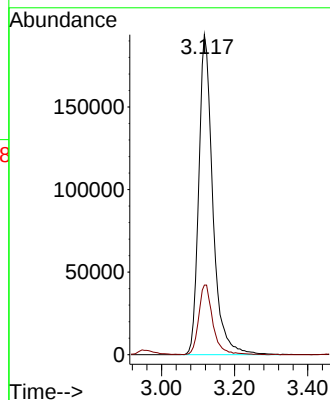
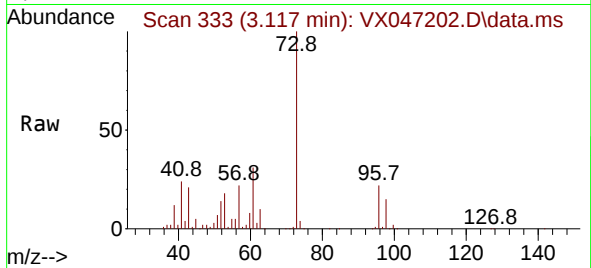
#19
Methyl tert-butyl Ether
Concen: 54.276 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 51746
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

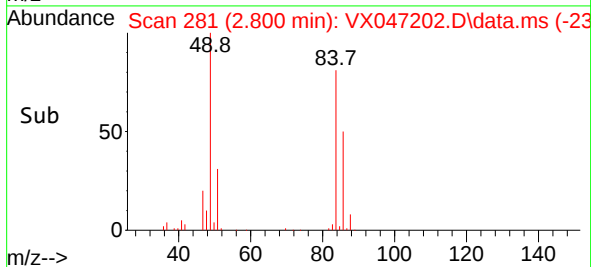
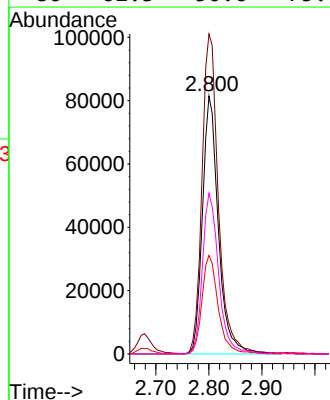
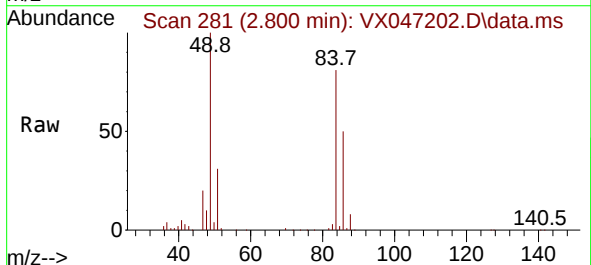
Manual Integrations
APPROVED

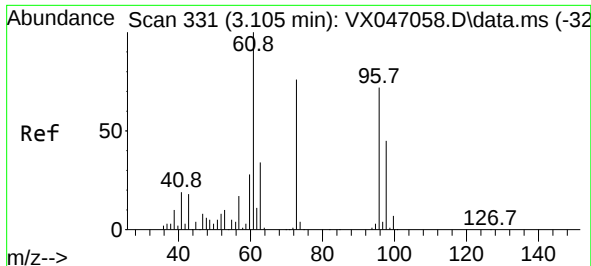
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#20
Methylene Chloride
Concen: 49.759 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

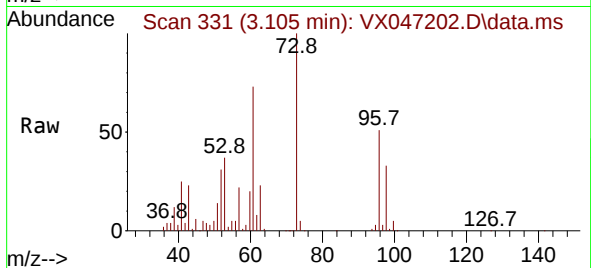
Tgt Ion: 84 Resp: 170284
Ion Ratio Lower Upper
84 100
49 123.8 101.6 152.4
51 38.0 30.3 45.5
86 62.3 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 46.713 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

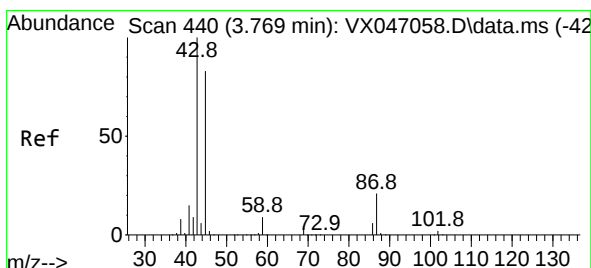
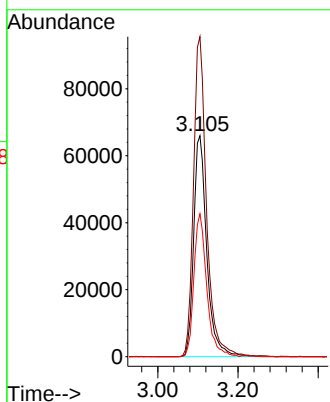
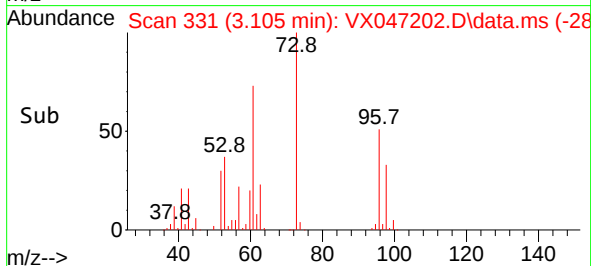
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 14974
Ion Ratio Lower Upper
96 100
61 144.8 111.1 166.7
98 66.6 49.6 74.4

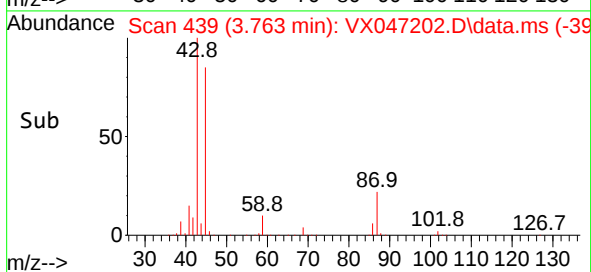
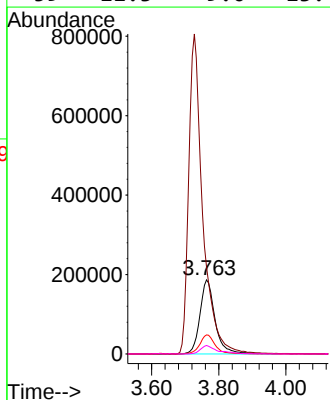
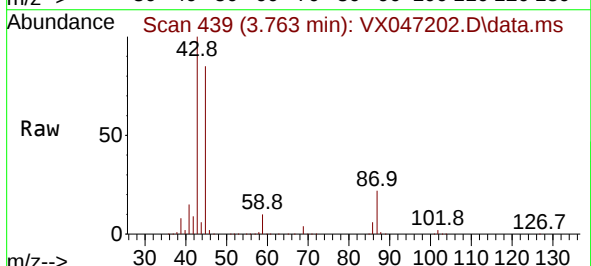
Manual Integrations
APPROVED

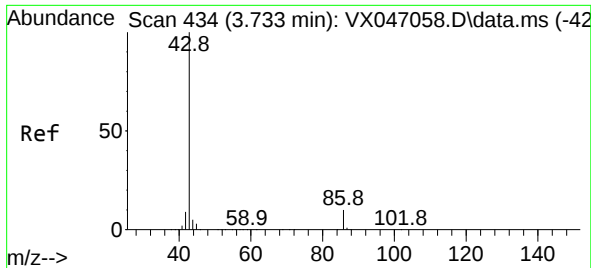
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#22
Diisopropyl ether
Concen: 53.452 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

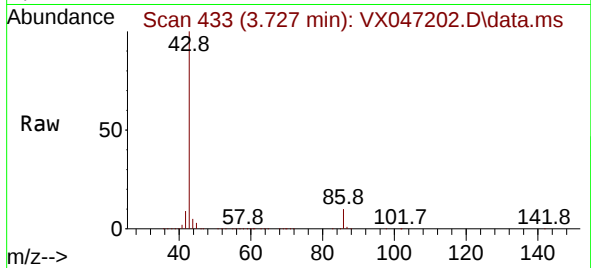
Tgt Ion: 45 Resp: 581939
Ion Ratio Lower Upper
45 100
43 116.8 96.8 145.2
87 25.7 20.5 30.7
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 268.668 ug/l
 RT: 3.727 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047202.D
 Acq: 01 Aug 2025 10:22

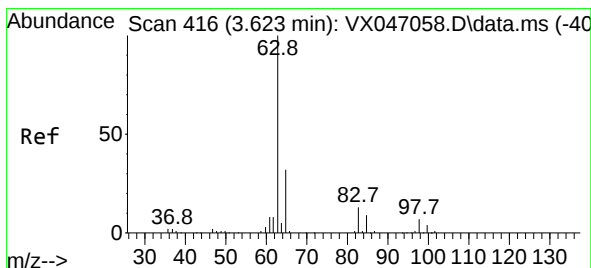
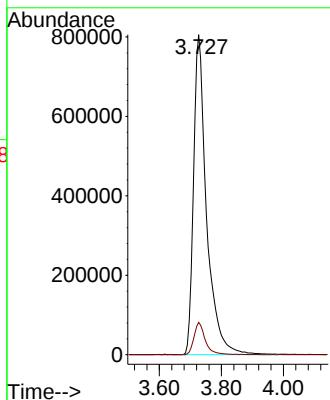
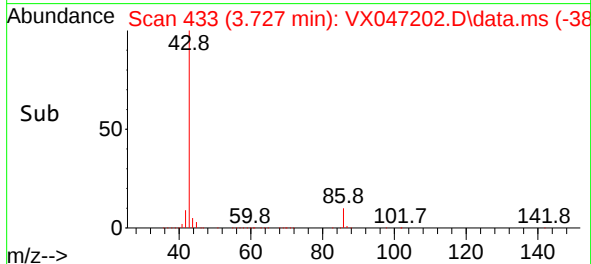
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 234606
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

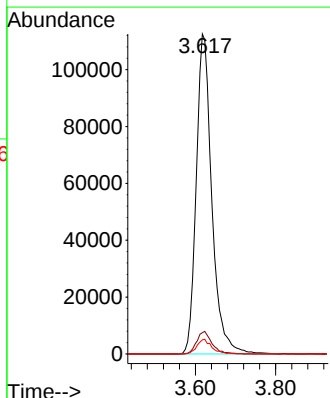
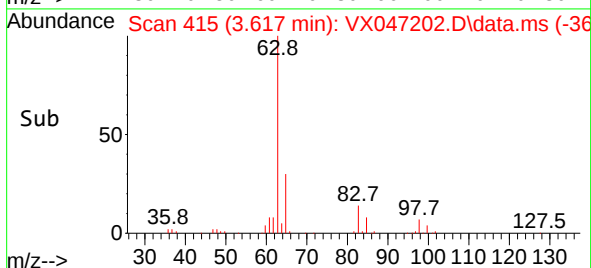
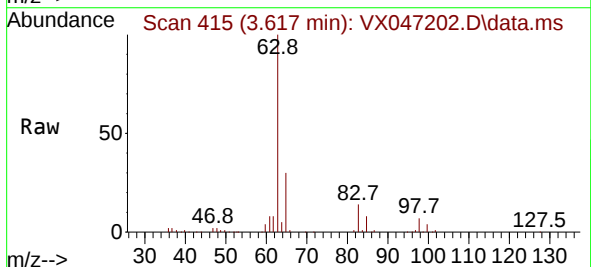
Manual Integrations
 APPROVED

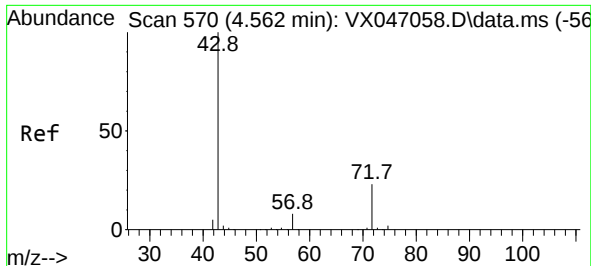
Reviewed By :John Carlone 08/04/2025
 Supervised By :Mahesh Dadoda 08/04/2025



#24
 1,1-Dichloroethane
 Concen: 50.046 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047202.D
 Acq: 01 Aug 2025 10:22

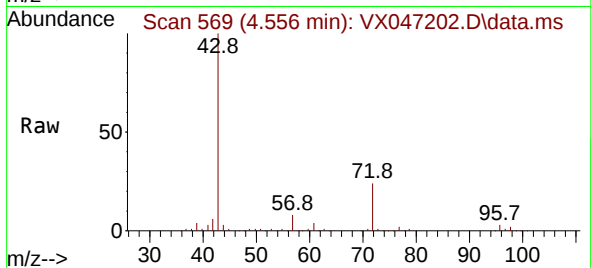
Tgt Ion: 63 Resp: 302985
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 255.575 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

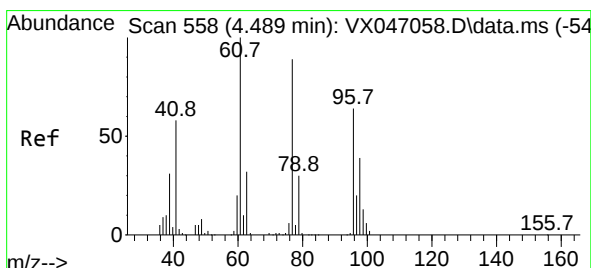
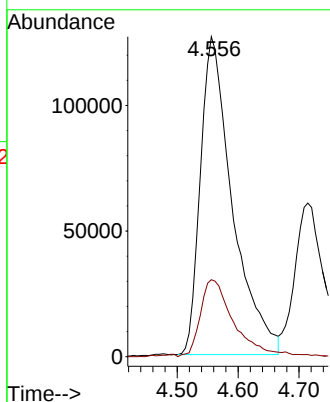
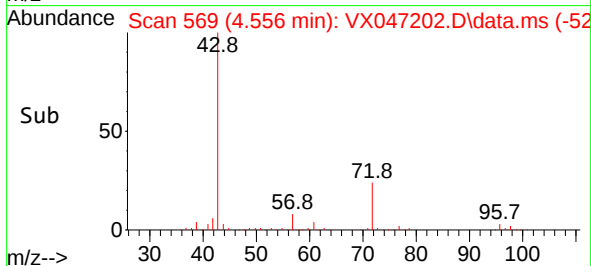
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 46291
Ion Ratio Lower Upper
43 100
72 24.2 18.8 28.2

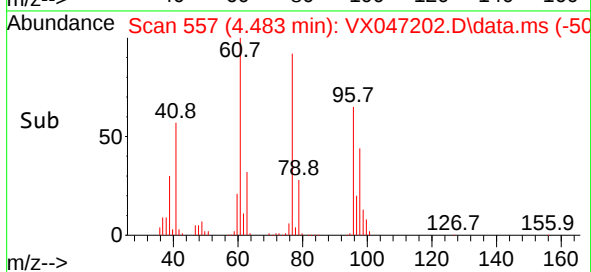
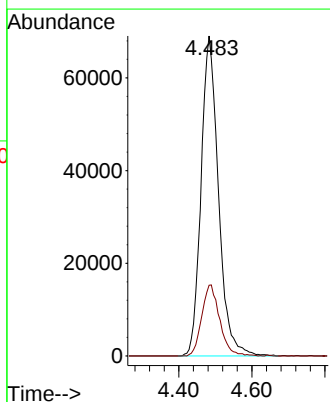
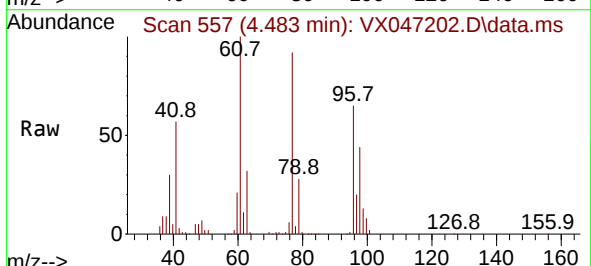
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#26
2,2-Dichloropropane
Concen: 48.663 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Tgt Ion: 77 Resp: 228054
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.193 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 19053

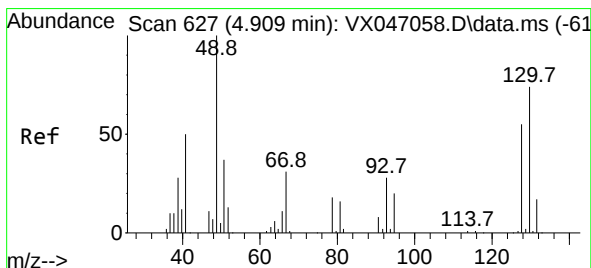
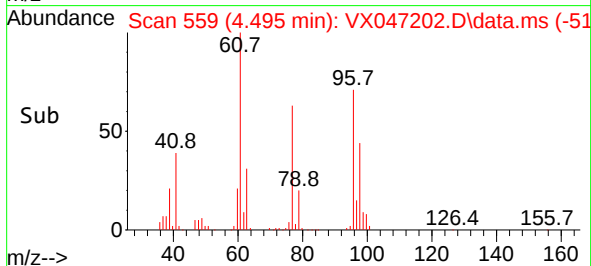
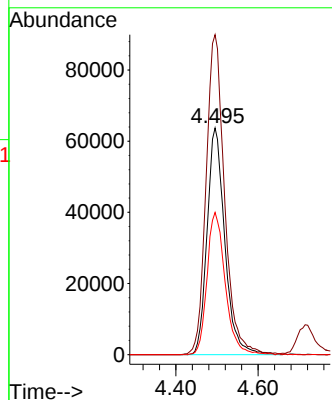
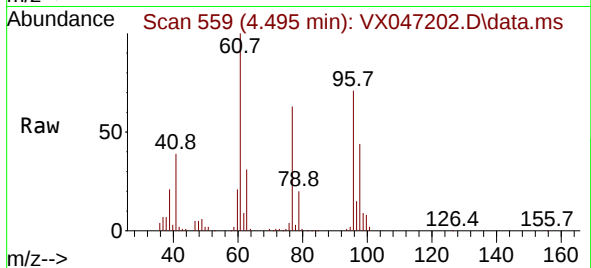
Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	298.6
98	64.4	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#28

Bromochloromethane

Concen: 58.778 ug/l

RT: 4.903 min Scan# 626

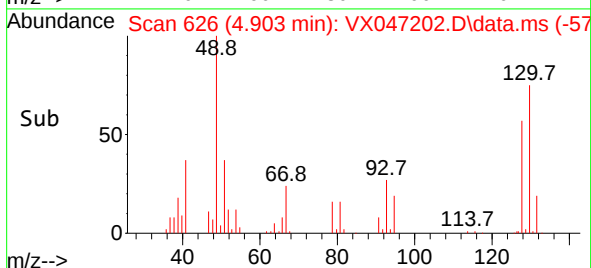
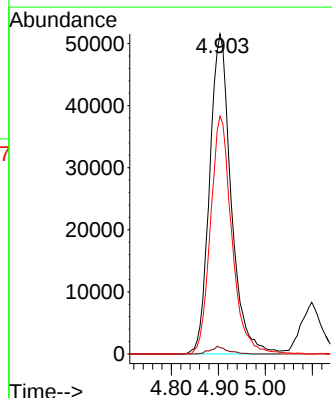
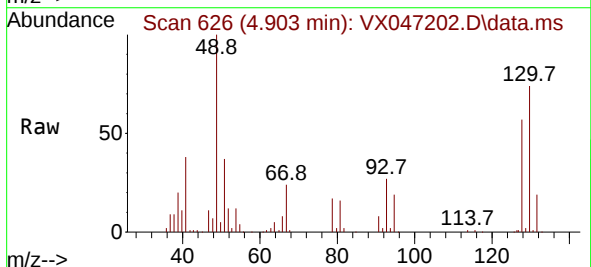
Delta R.T. -0.006 min

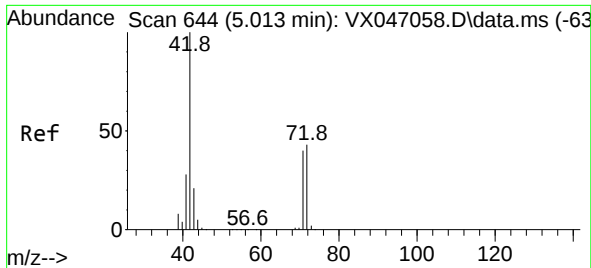
Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Tgt Ion: 49 Resp: 163712

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	73.6	59.0	88.4





#29

Tetrahydrofuran

Concen: 235.810 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX047202.D

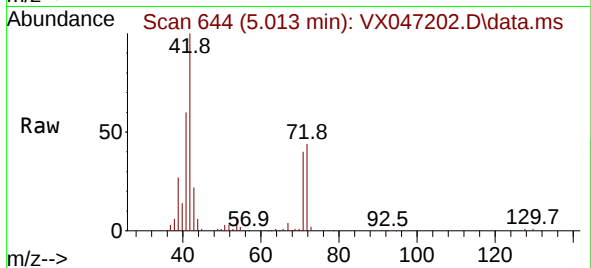
Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 27558

Ion Ratio Lower Upper

42 100

72 45.2 33.7 50.5

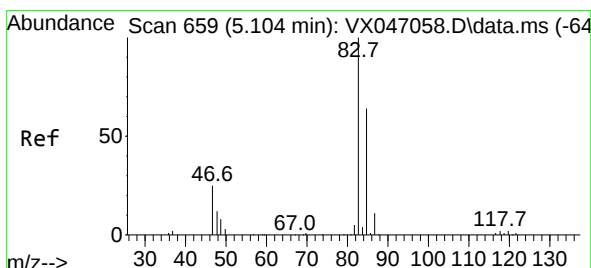
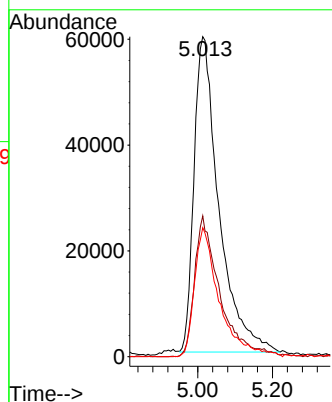
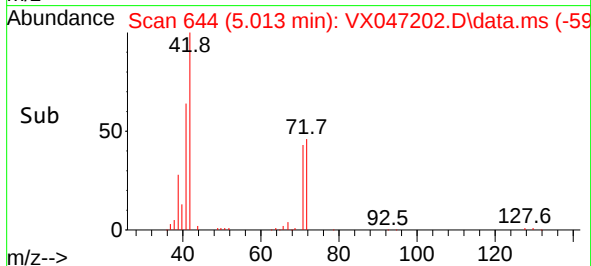
71 40.7 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#30

Chloroform

Concen: 50.525 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047202.D

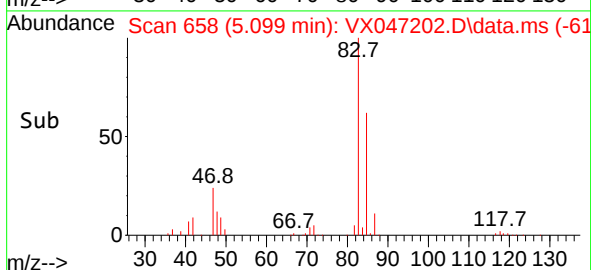
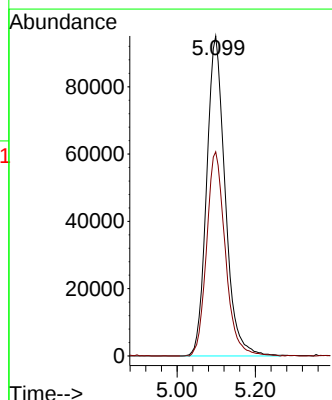
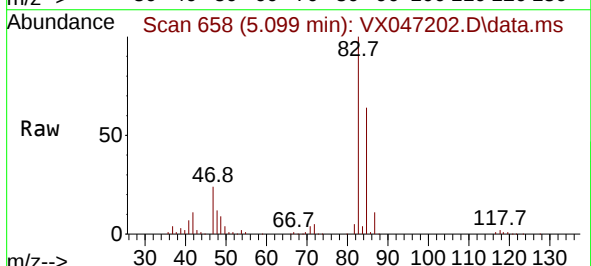
Acq: 01 Aug 2025 10:22

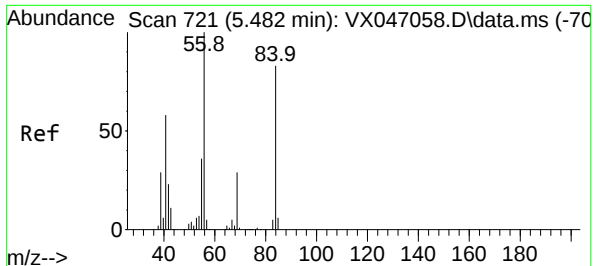
Tgt Ion: 83 Resp: 311367

Ion Ratio Lower Upper

83 100

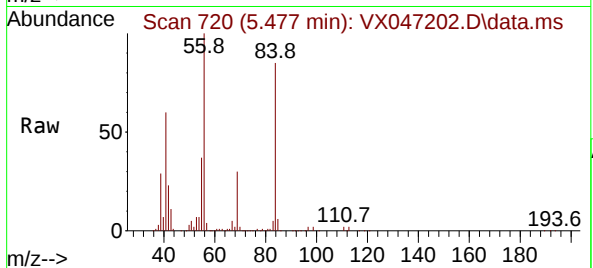
85 63.8 50.9 76.3





#31
Cyclohexane
Concen: 41.458 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

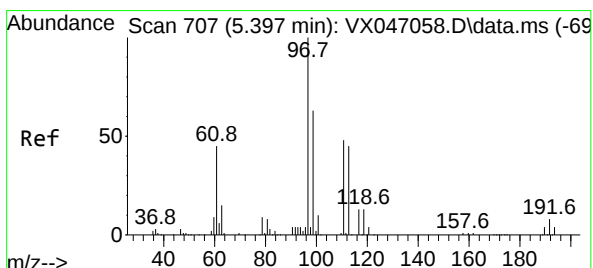
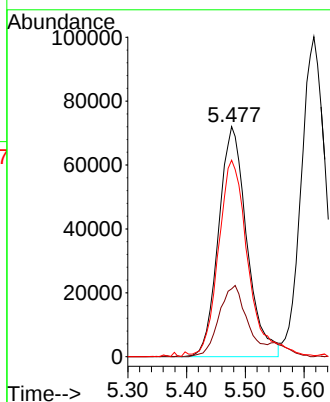
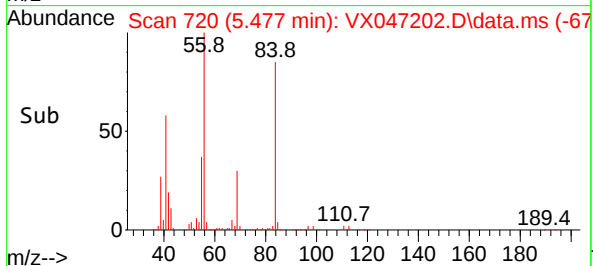
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 24066
Ion Ratio Lower Upper
56 100
69 29.1 23.3 34.9
84 85.3 66.5 99.7

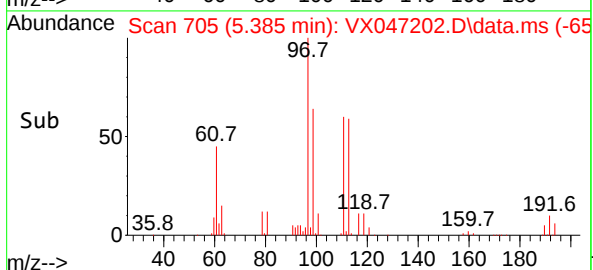
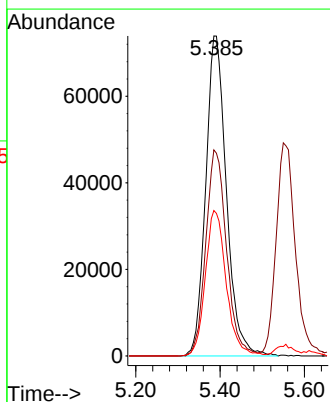
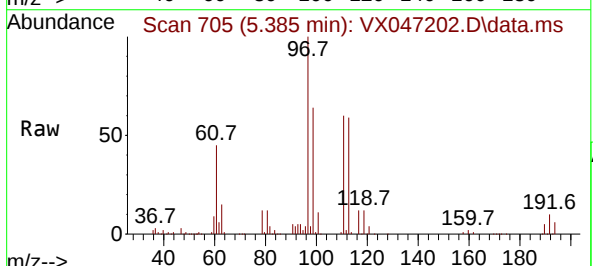
Manual Integrations
APPROVED

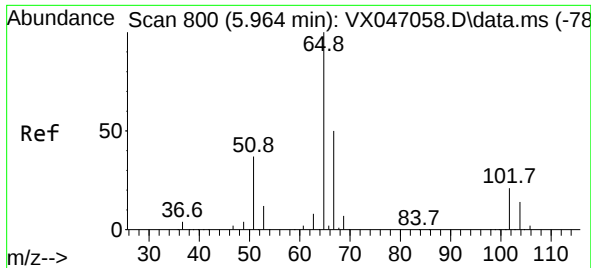
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#32
1,1,1-Trichloroethane
Concen: 47.173 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

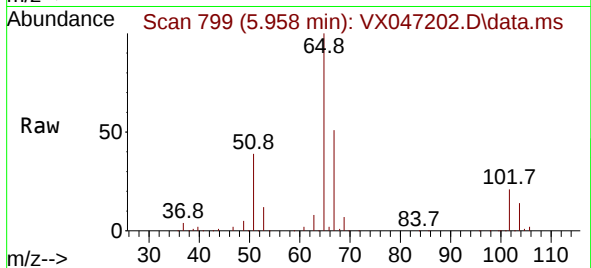
Tgt Ion: 97 Resp: 252506
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 45.9 37.1 55.7





#33
 1,2-Dichloroethane-d4
 Concen: 54.354 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047202.D
 Acq: 01 Aug 2025 10:22

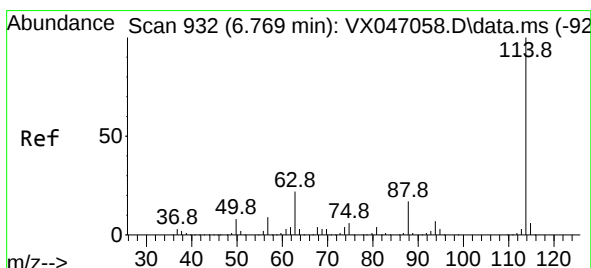
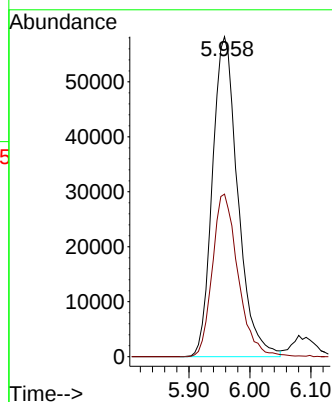
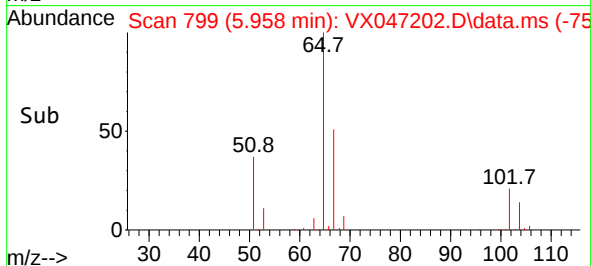
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



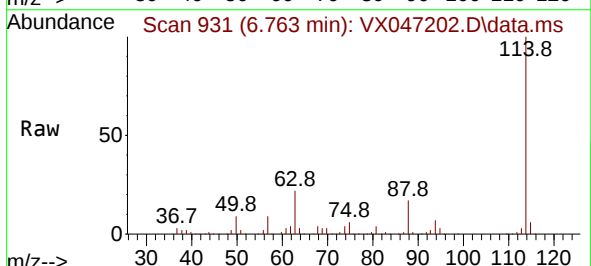
Tgt Ion: 65 Resp: 16877
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.8

Manual Integrations
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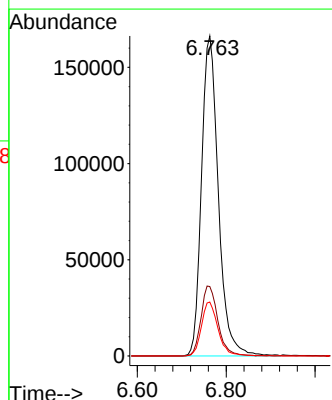
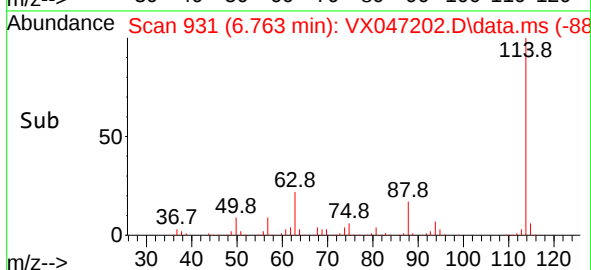
Reviewed By :John Carlone 08/04/2025
 Supervised By :Mahesh Dadoda 08/04/2025

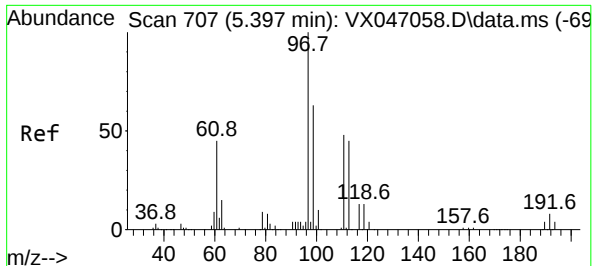


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047202.D
 Acq: 01 Aug 2025 10:22



Tgt Ion:114 Resp: 439479
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.711 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047202.D

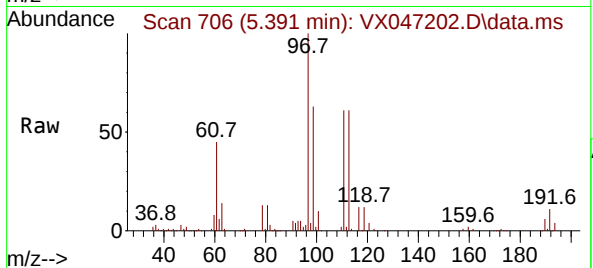
Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 113 Resp: 143030

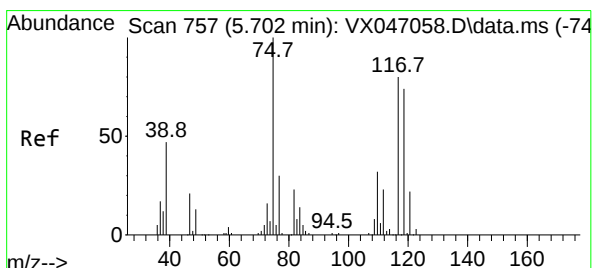
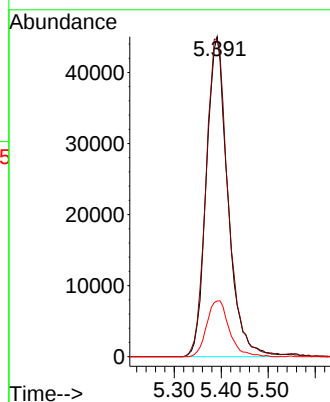
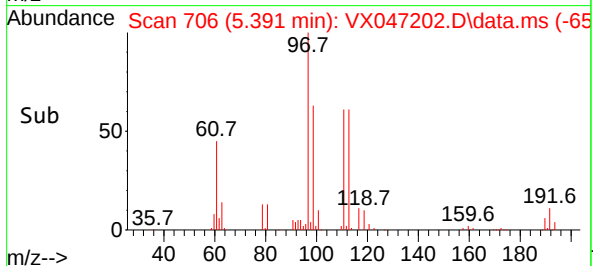
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	18.3	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#36

1,1-Dichloropropene

Concen: 41.507 ug/l

RT: 5.696 min Scan# 756

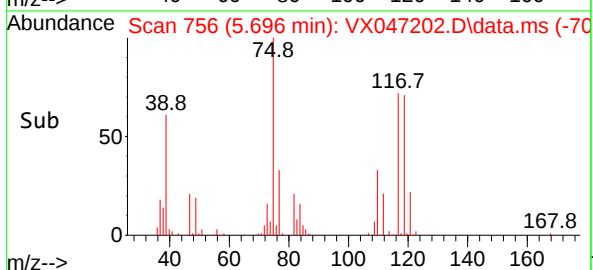
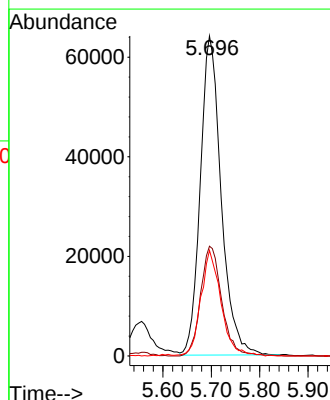
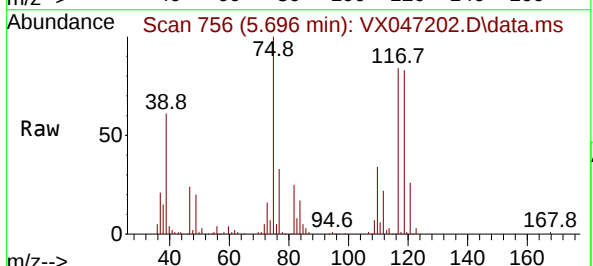
Delta R.T. -0.006 min

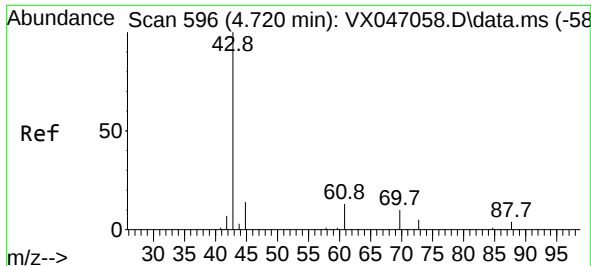
Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Tgt Ion: 75 Resp: 191984

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.2	51.5
77	32.0	25.1	37.7





#37

Ethyl Acetate

Concen: 49.162 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

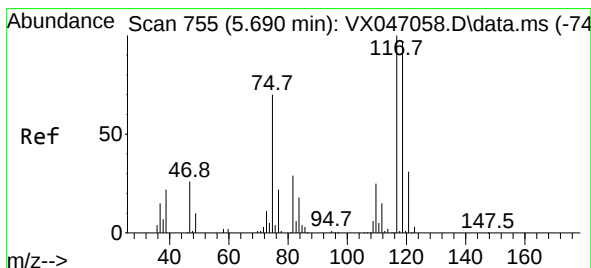
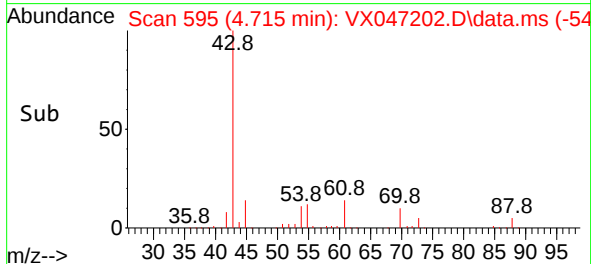
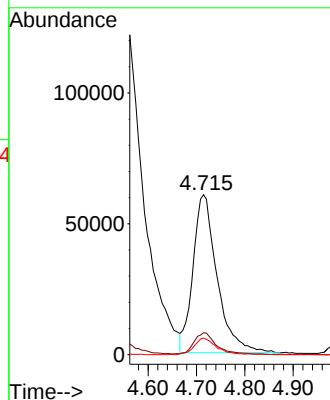
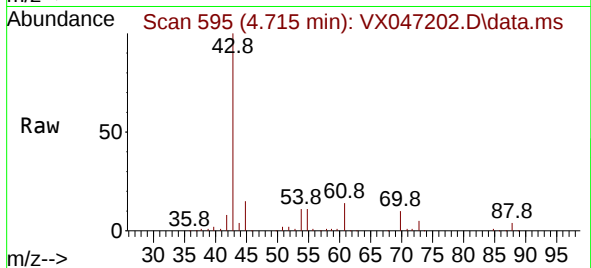
Tgt Ion:	43	Resp:	20953
Ion Ratio	Lower	Upper	
43	100		
61	12.8	10.2	15.2
70	9.5	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#38

Carbon Tetrachloride

Concen: 44.159 ug/l

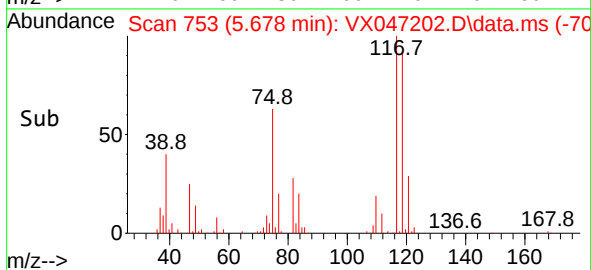
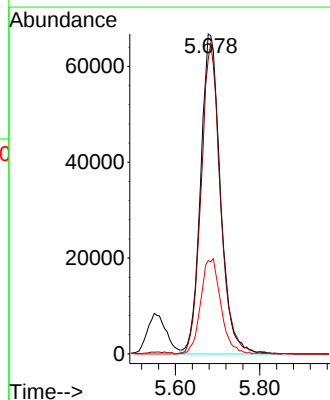
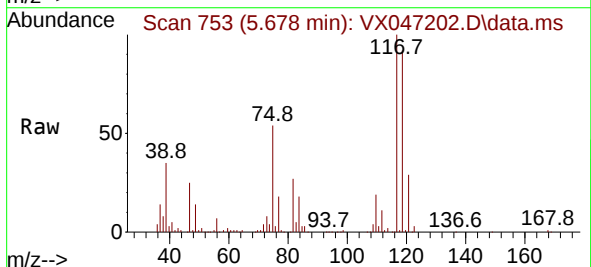
RT: 5.678 min Scan# 753

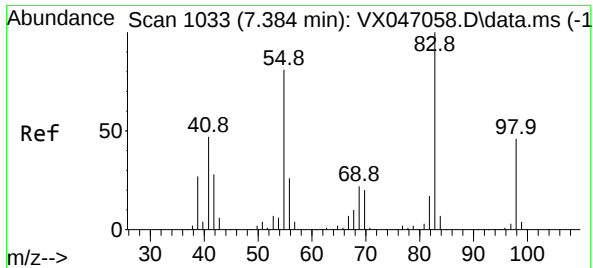
Delta R.T. -0.012 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Tgt Ion:	117	Resp:	218001
Ion Ratio	Lower	Upper	
117	100		
119	92.0	76.6	115.0
121	29.2	24.4	36.6





#39

Methylcyclohexane

Concen: 41.478 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 23953

Ion Ratio Lower Upper

83 100

55 81.3 64.5 96.7

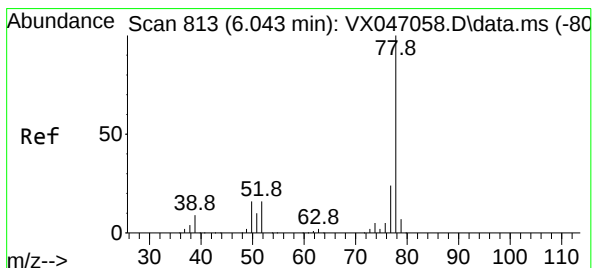
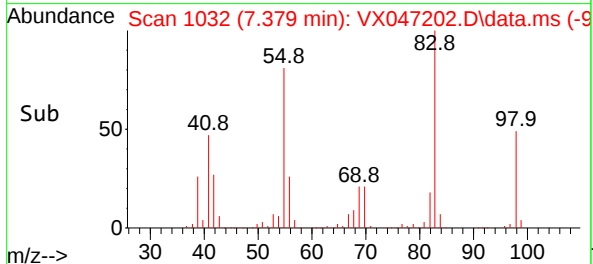
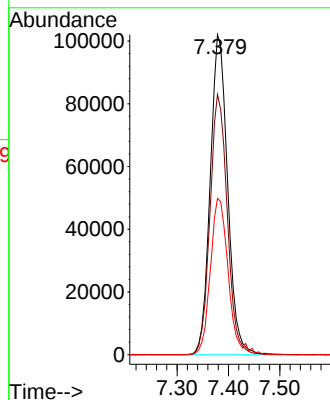
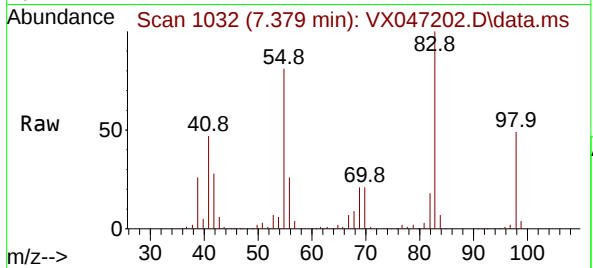
98 48.8 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#40

Benzene

Concen: 46.450 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047202.D

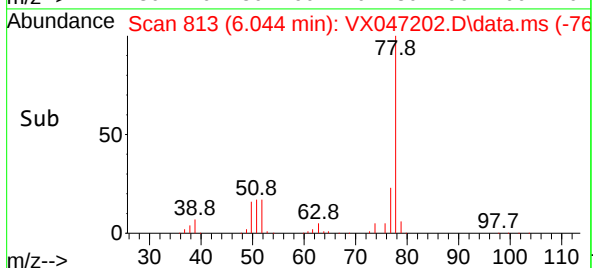
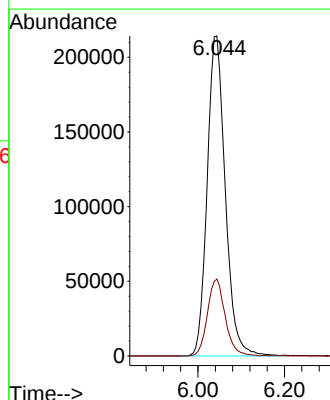
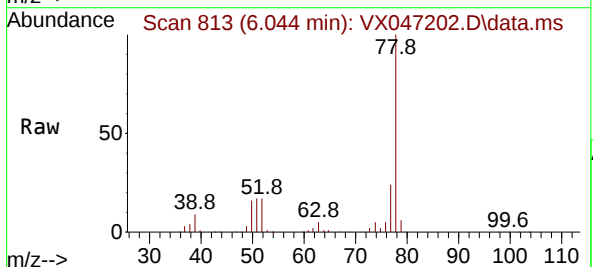
Acq: 01 Aug 2025 10:22

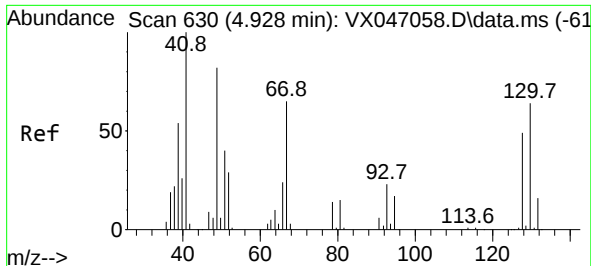
Tgt Ion: 78 Resp: 621771

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4





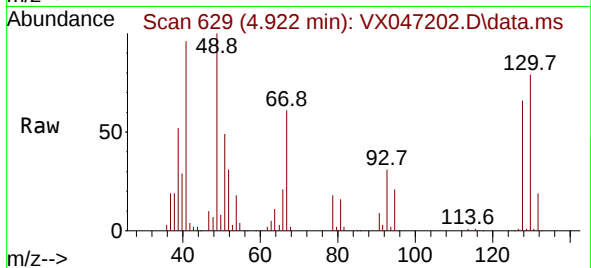
#41
Methacrylonitrile
Concen: 48.632 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



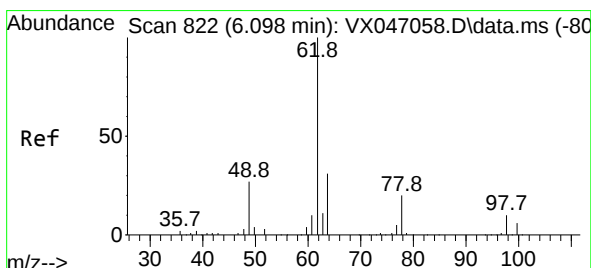
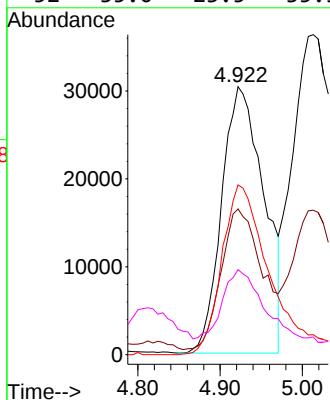
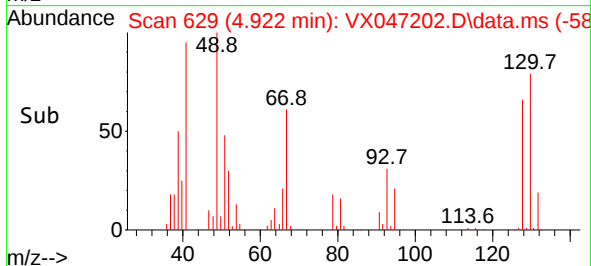
Tgt Ion: 41 Resp: 108370
Ion Ratio Lower Upper
41 100
39 50.7 44.2 66.2
67 73.5 56.4 84.6
52 35.0 23.5 35.3

Manual Integrations

APPROVED

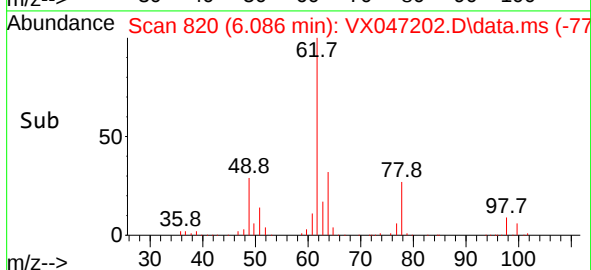
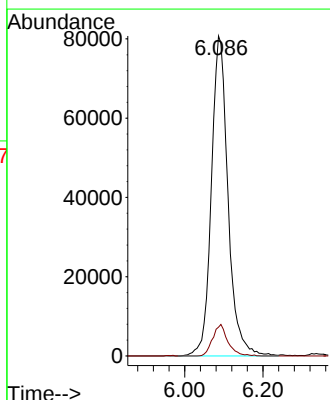
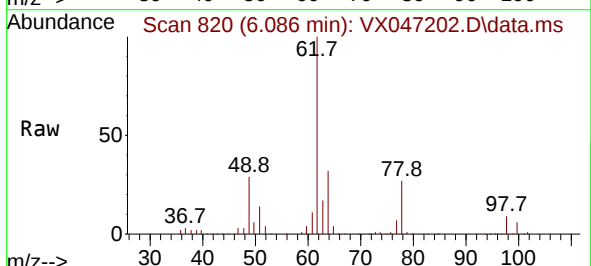
Reviewed By :John Carlone 08/04/2025

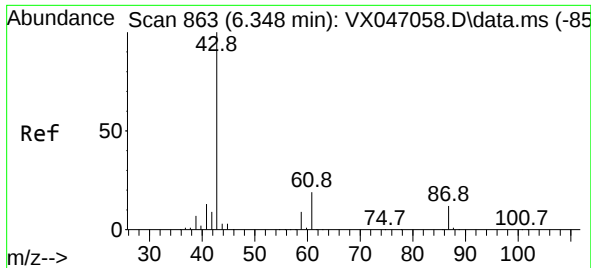
Supervised By :Mahesh Dadoda 08/04/2025



#42
1,2-Dichloroethane
Concen: 50.462 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Tgt Ion: 62 Resp: 237943
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.8





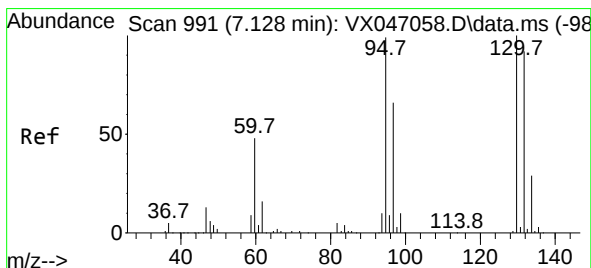
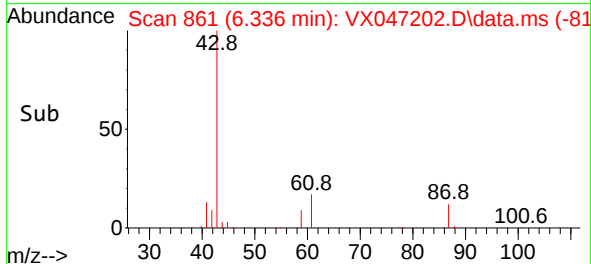
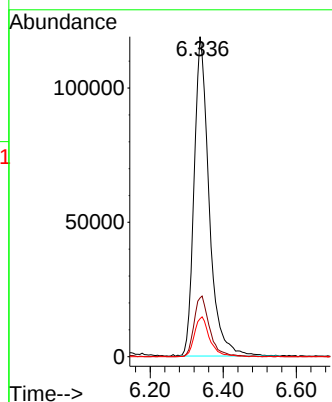
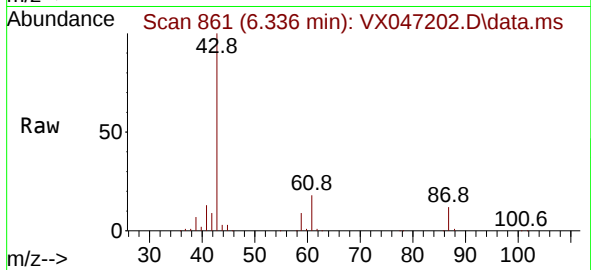
#43
Isopropyl Acetate
Concen: 51.117 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 33964
Ion Ratio Lower Upper
43 100
61 19.6 15.1 22.7
87 12.7 9.7 14.5

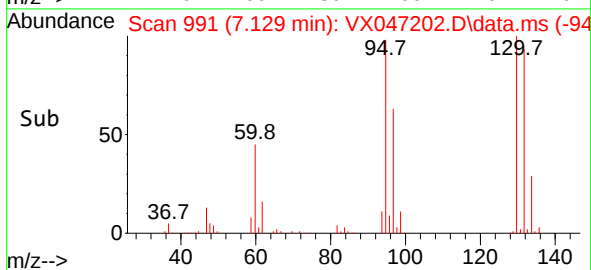
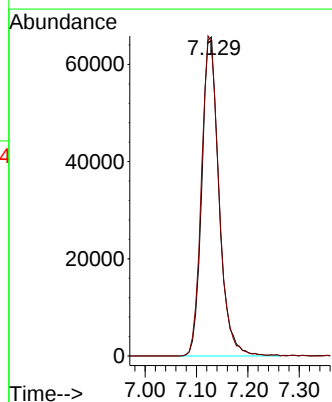
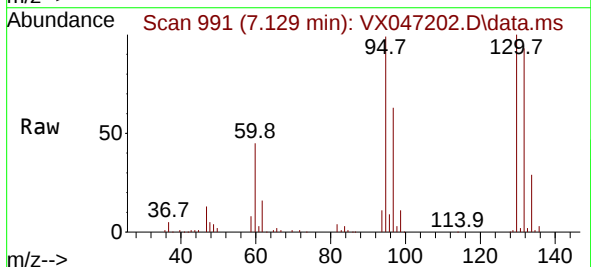
Manual Integrations
APPROVED

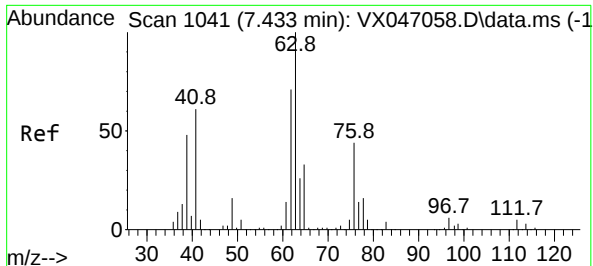
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#44
Trichloroethene
Concen: 44.336 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Tgt Ion:130 Resp: 152188
Ion Ratio Lower Upper
130 100
95 98.7 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.144 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 164759

Ion Ratio Lower Upper

63 100

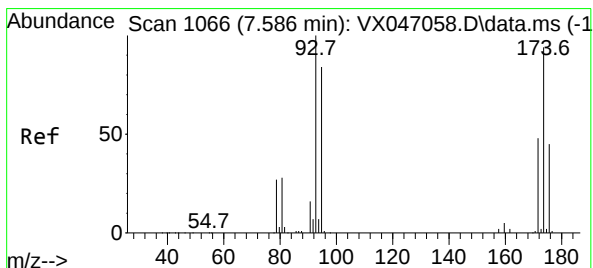
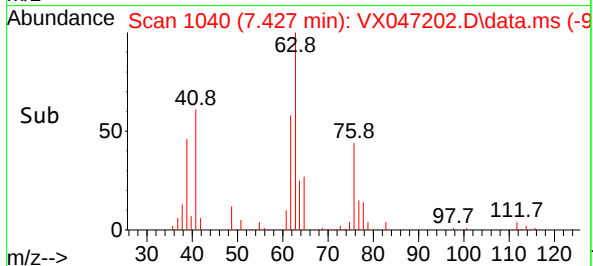
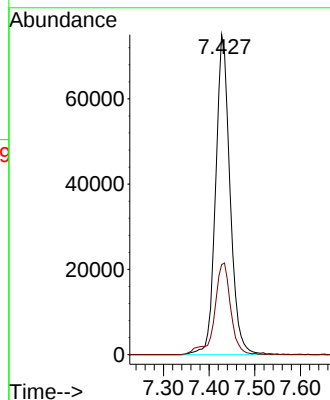
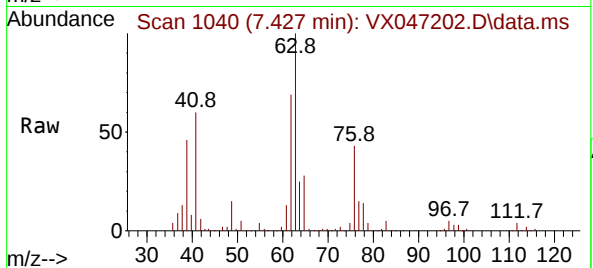
65 28.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#46

Dibromomethane

Concen: 50.638 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

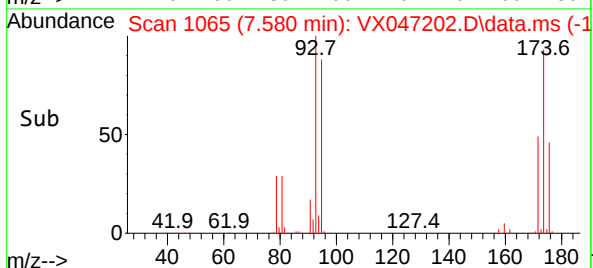
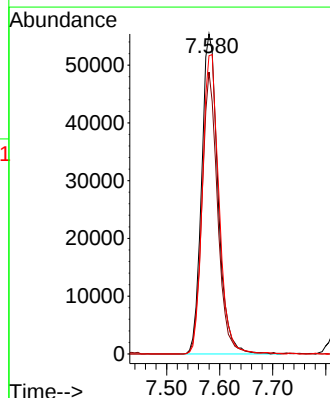
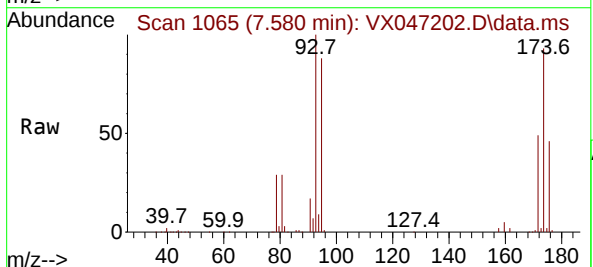
Tgt Ion: 93 Resp: 119052

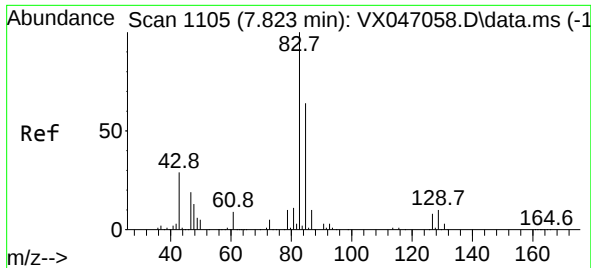
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 93.9 74.6 112.0





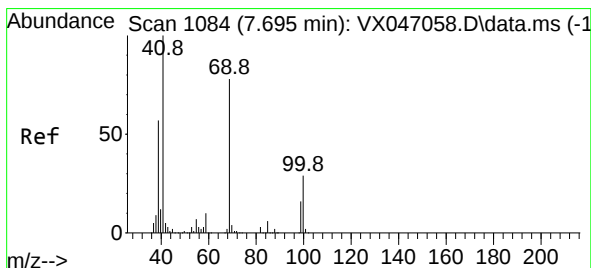
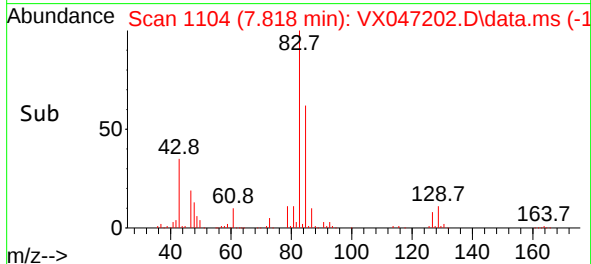
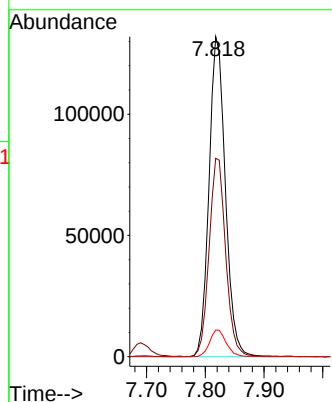
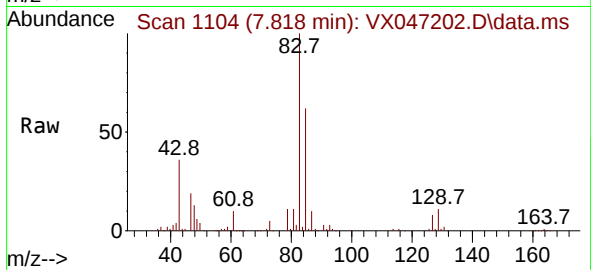
#47
Bromodichloromethane
Concen: 51.014 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 25528
Ion Ratio Lower Upper
83 100
85 61.9 49.9 74.9
127 8.3 6.6 10.0

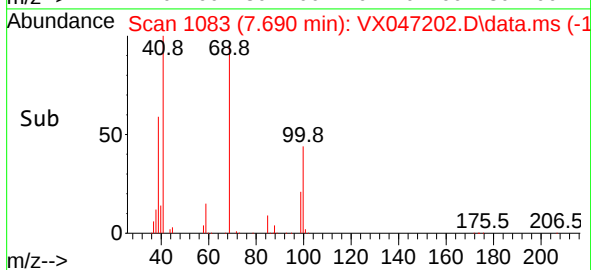
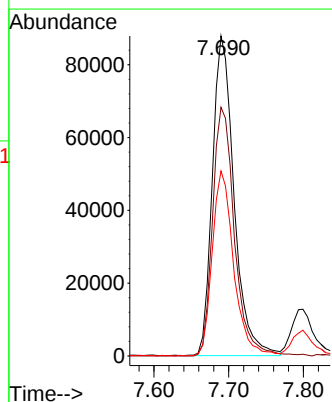
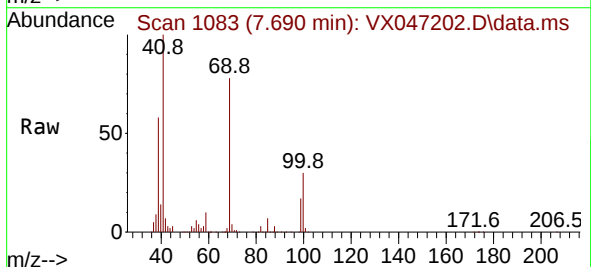
Manual Integrations
APPROVED

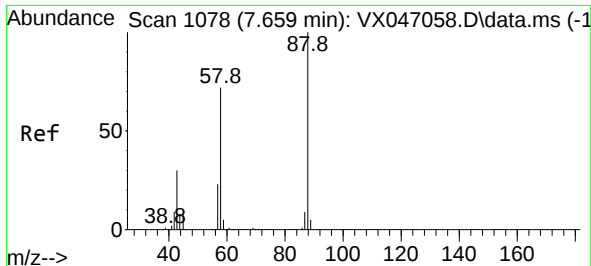
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#48
Methyl methacrylate
Concen: 48.805 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

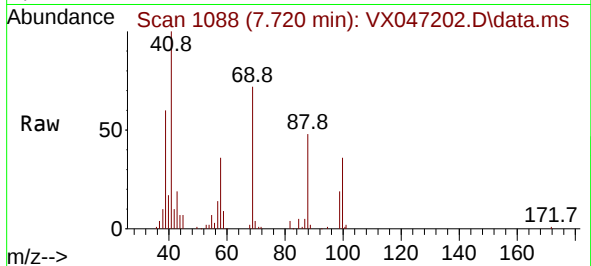
Tgt Ion: 41 Resp: 176657
Ion Ratio Lower Upper
41 100
69 78.6 62.3 93.5
39 57.1 44.8 67.2





#49
1,4-Dioxane
Concen: 890.960 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.061 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

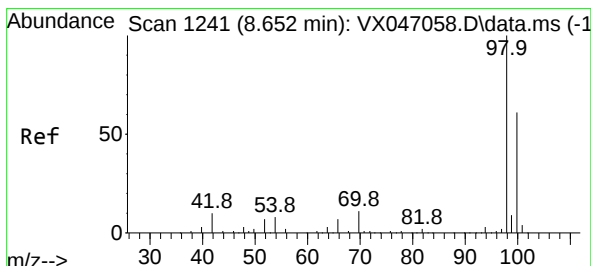
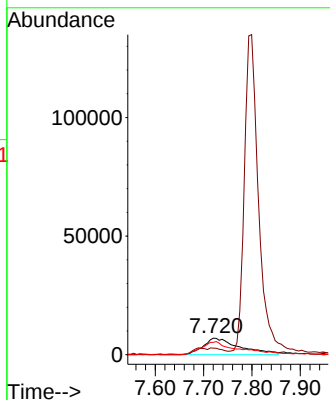
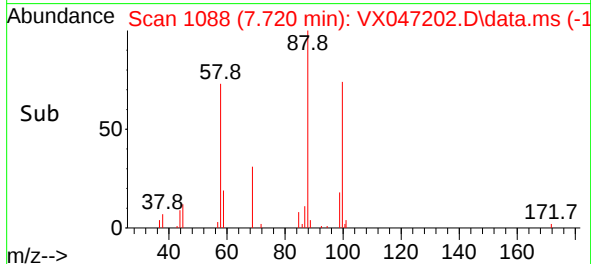
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



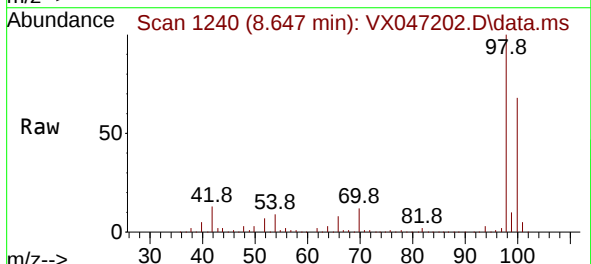
Tgt Ion: 88 Resp: 36680
Ion Ratio Lower Upper
88 100
43 0.0 33.6 50.4
58 73.8 58.8 88.2

Manual Integrations
APPROVED

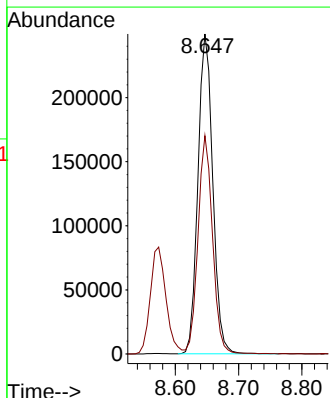
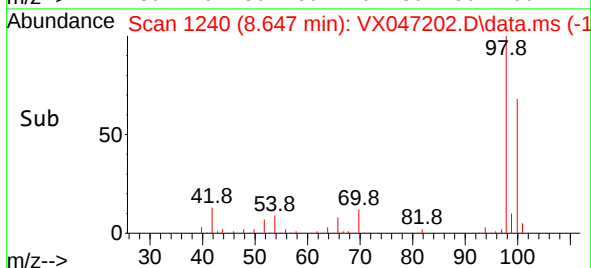
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

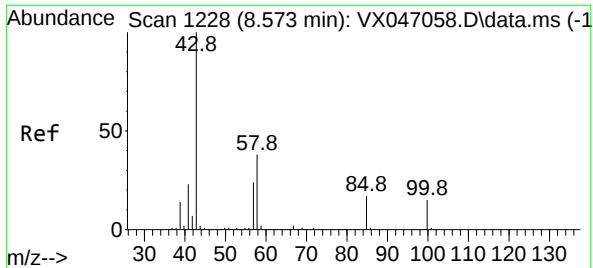


#50
Toluene-d8
Concen: 46.415 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22



Tgt Ion: 98 Resp: 407877
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9





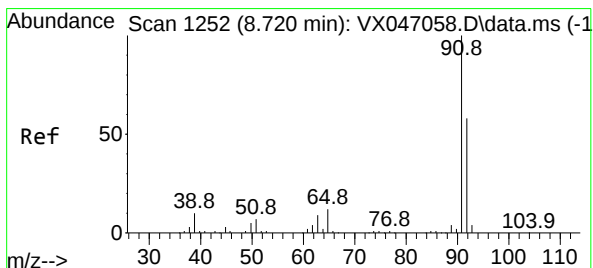
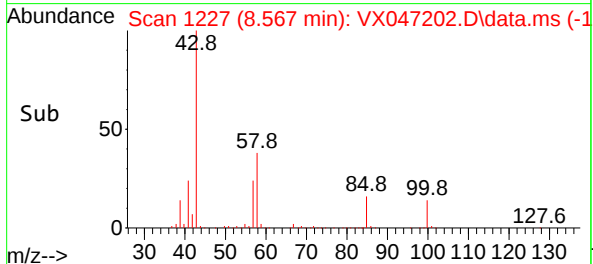
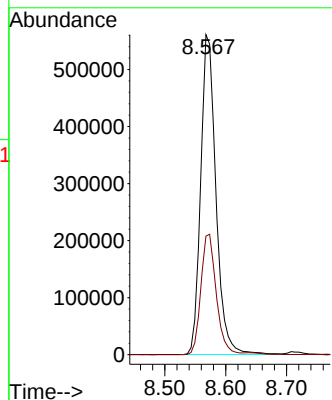
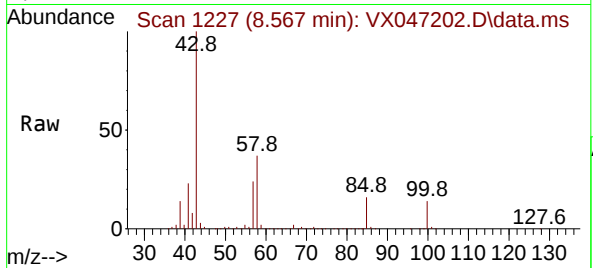
#51
4-Methyl-2-Pentanone
Concen: 248.264 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 980480
Ion Ratio Lower Upper
43 100
58 37.9 30.6 45.8

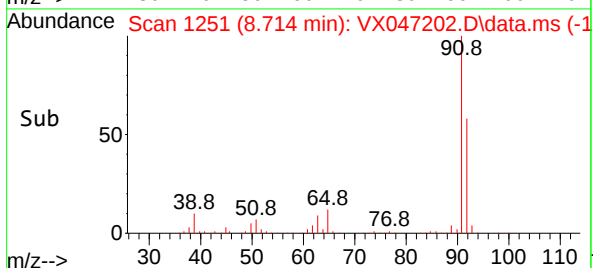
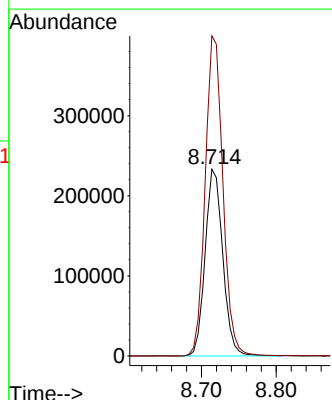
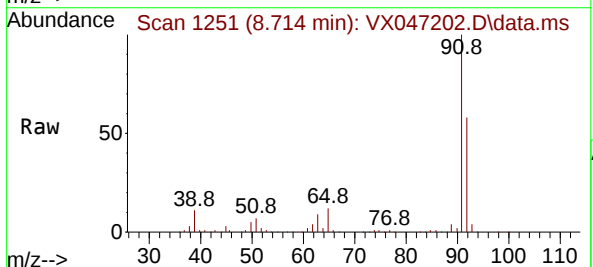
Manual Integrations
APPROVED

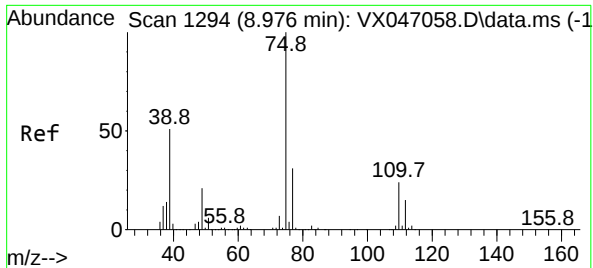
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#52
Toluene
Concen: 46.482 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

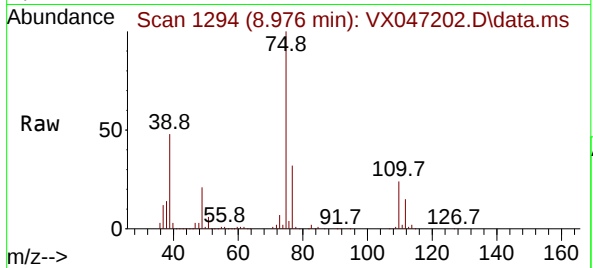
Tgt Ion: 92 Resp: 382580
Ion Ratio Lower Upper
92 100
91 172.0 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 51.252 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

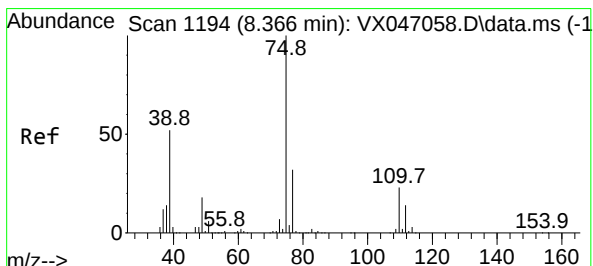
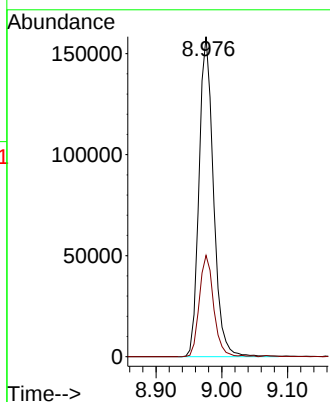
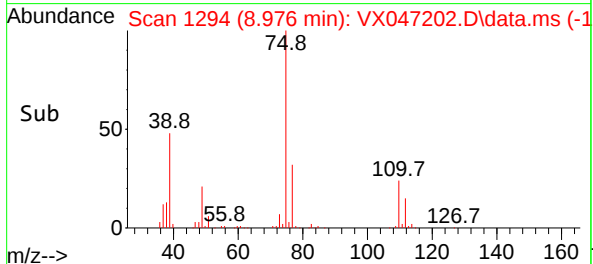
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



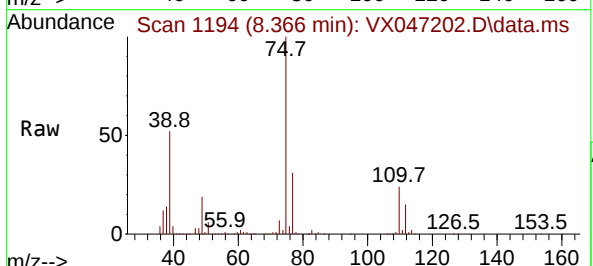
Tgt Ion: 75 Resp: 242189
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7

Manual Integrations
APPROVED

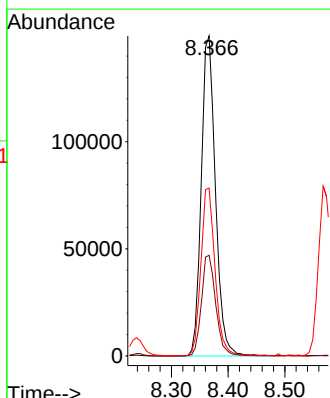
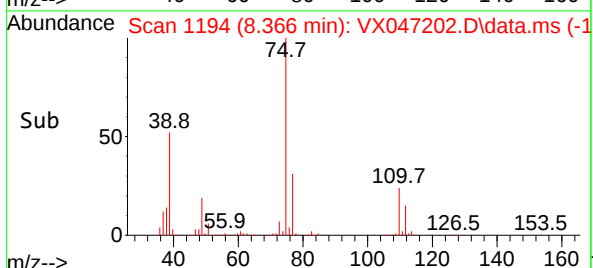
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

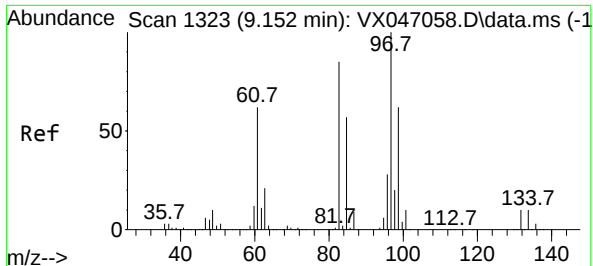


#54
cis-1,3-Dichloropropene
Concen: 50.220 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22



Tgt Ion: 75 Resp: 259734
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 52.3 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 51.099 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 15772

Ion Ratio Lower Upper

97 100

83 86.8 68.0 102.0

85 53.4 45.2 67.8

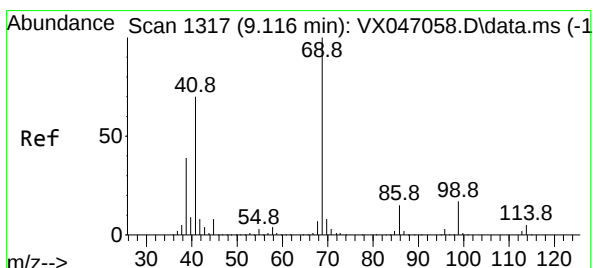
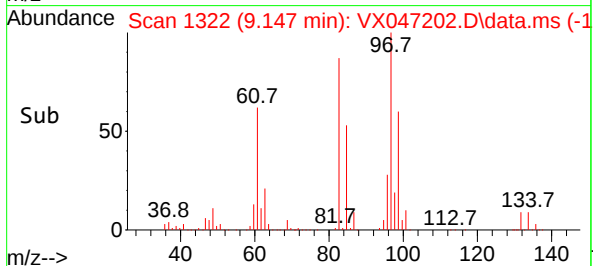
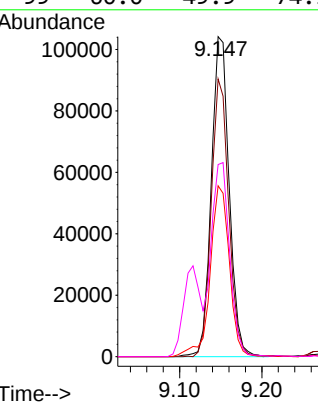
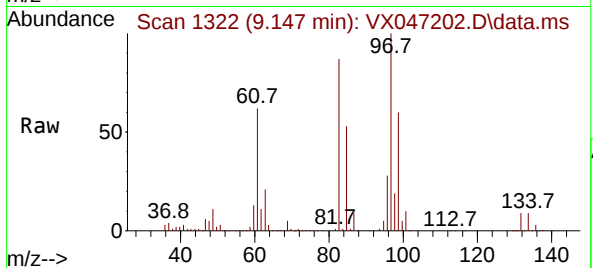
99 60.0 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#56

Ethyl methacrylate

Concen: 52.429 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

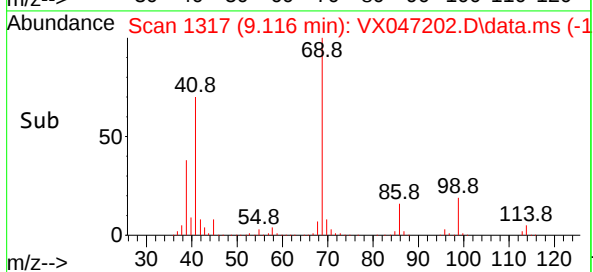
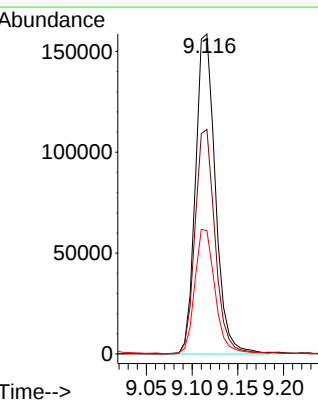
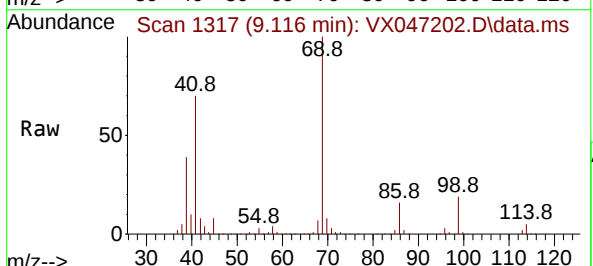
Tgt Ion: 69 Resp: 239580

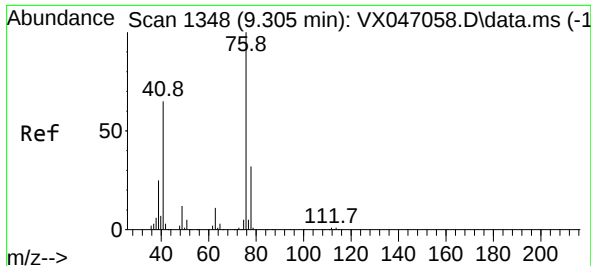
Ion Ratio Lower Upper

69 100

41 71.1 56.1 84.1

39 39.6 31.1 46.7





#57

1,3-Dichloropropane

Concen: 49.956 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 267990

Ion Ratio Lower Upper

76 100

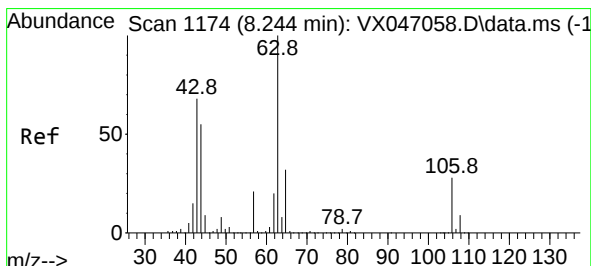
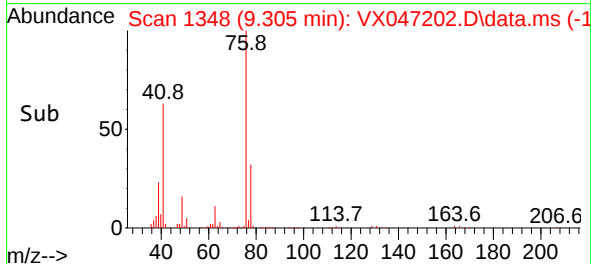
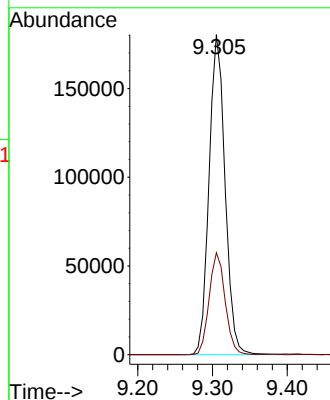
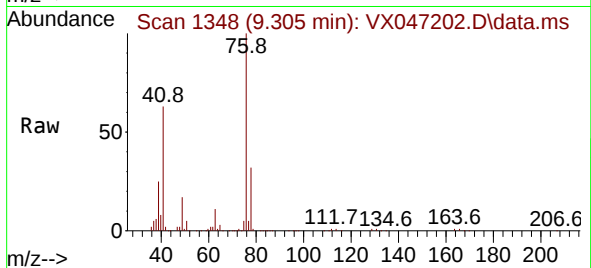
78 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 254.784 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047202.D

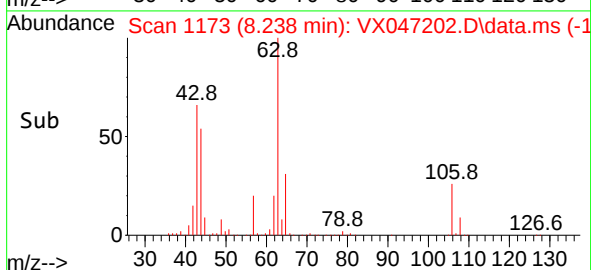
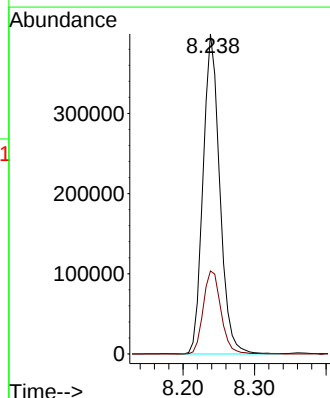
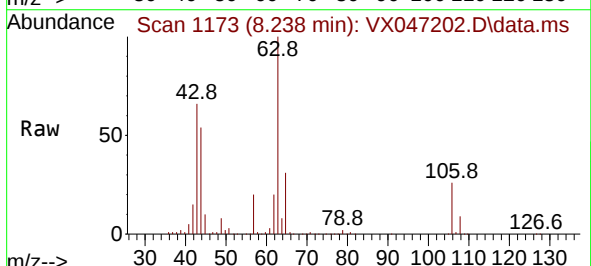
Acq: 01 Aug 2025 10:22

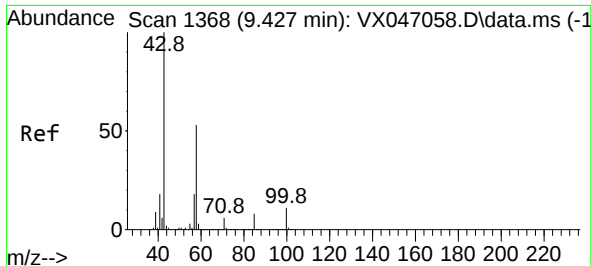
Tgt Ion: 63 Resp: 647878

Ion Ratio Lower Upper

63 100

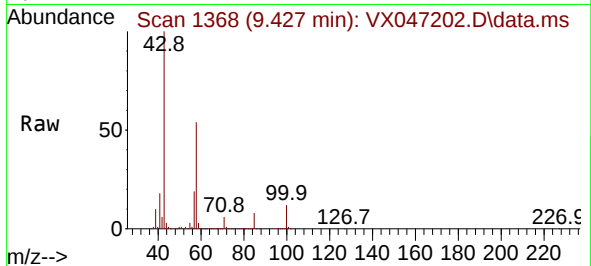
106 27.5 22.2 33.4





#59
2-Hexanone
Concen: 252.881 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

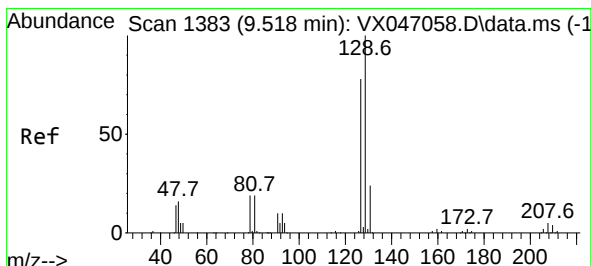
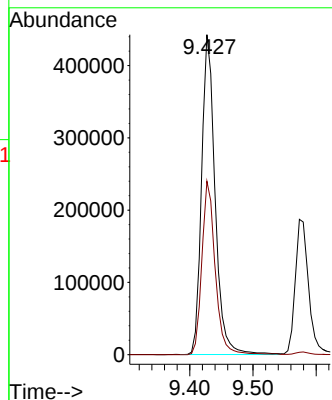
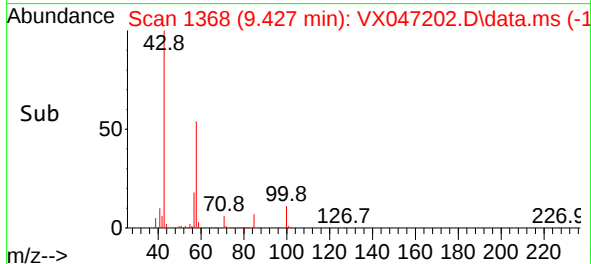
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 65983
Ion Ratio Lower Upper
43 100
58 53.7 26.5 79.5

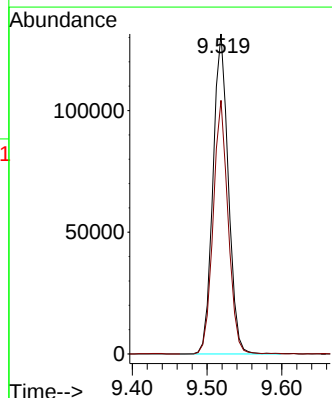
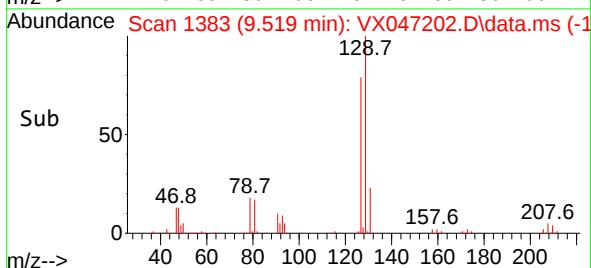
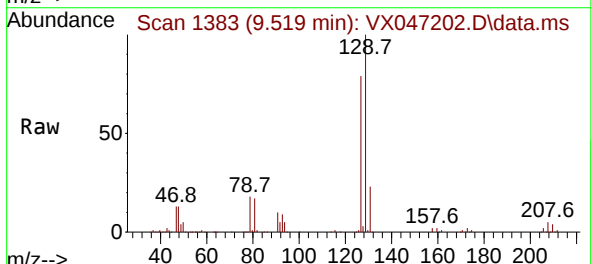
Manual Integrations
APPROVED

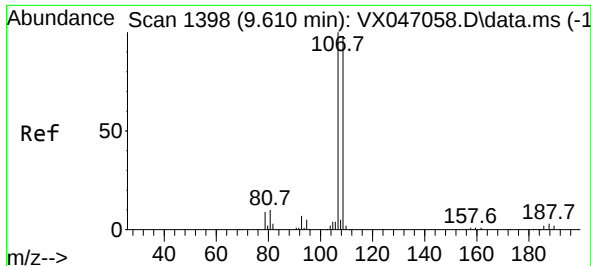
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#60
Dibromochloromethane
Concen: 51.970 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

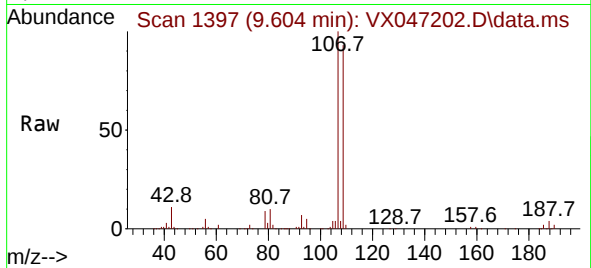
Tgt Ion:129 Resp: 188141
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 49.811 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

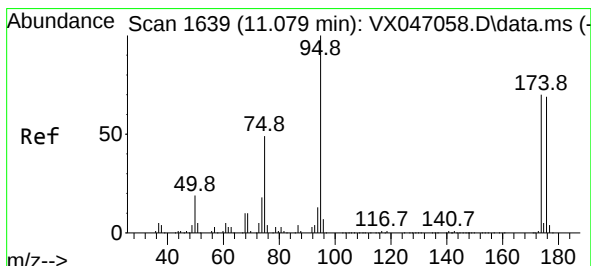
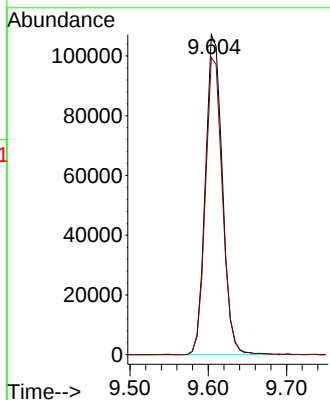
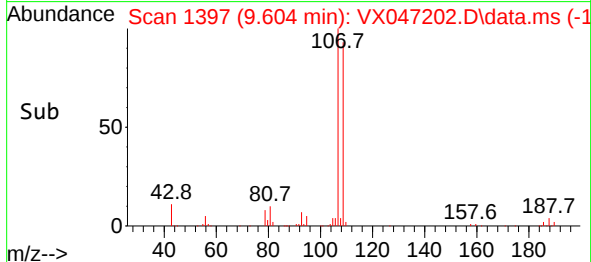
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



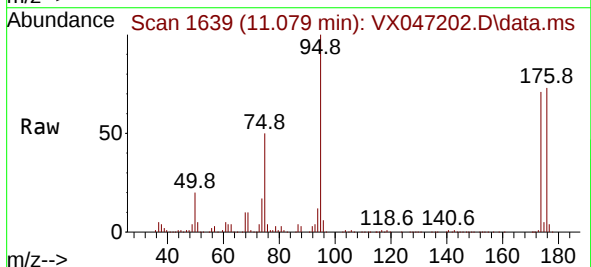
Tgt Ion:107 Resp: 160768
Ion Ratio Lower Upper
107 100
109 93.4 74.6 112.0

Manual Integrations
APPROVED

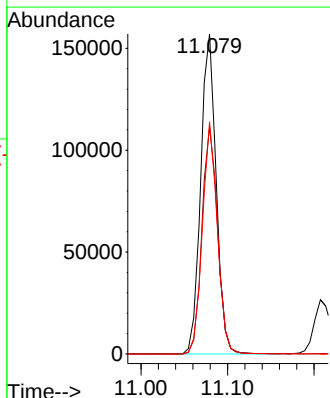
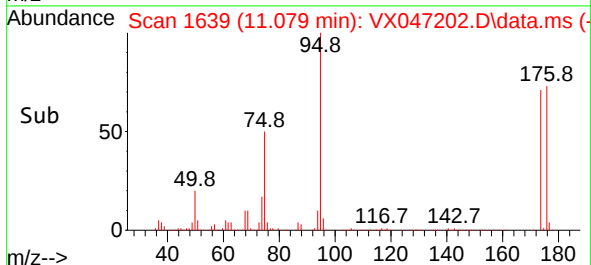
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

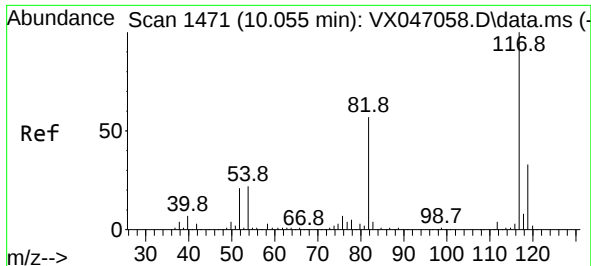


#62
4-Bromofluorobenzene
Concen: 51.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22



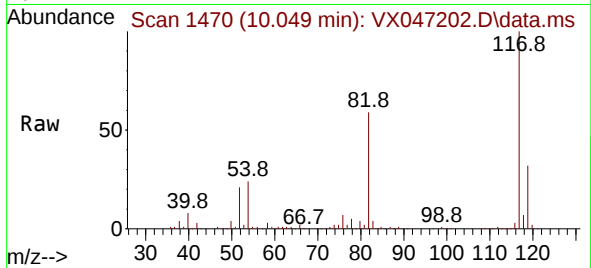
Tgt Ion: 95 Resp: 194873
Ion Ratio Lower Upper
95 100
174 71.6 0.0 144.6
176 70.1 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

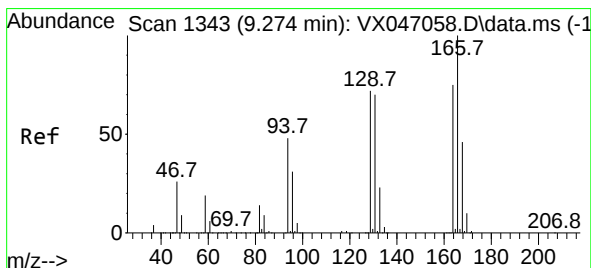
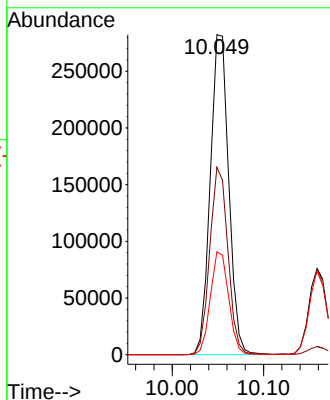
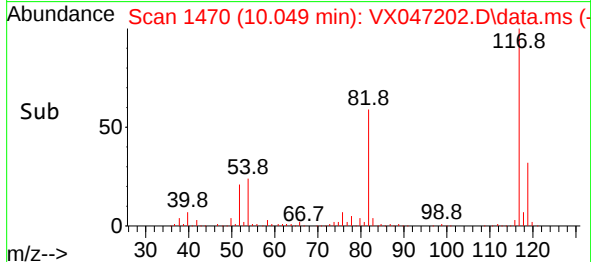
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 396034
Ion Ratio Lower Upper
117 100
82 58.6 45.4 68.2
119 32.1 26.1 39.1

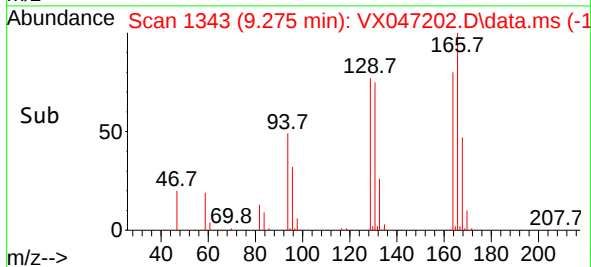
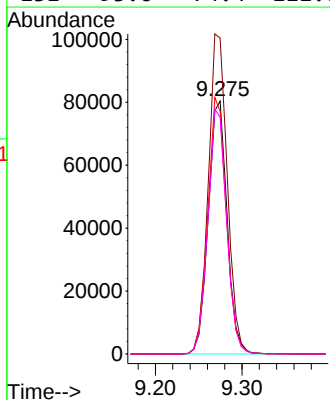
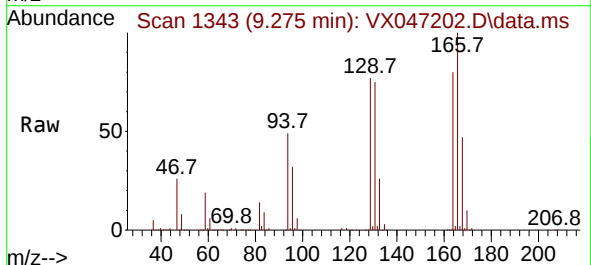
Manual Integrations
APPROVED

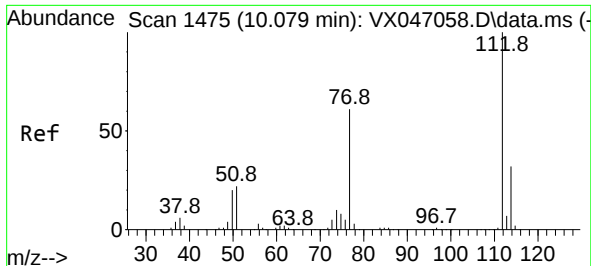
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#64
Tetrachloroethene
Concen: 42.361 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

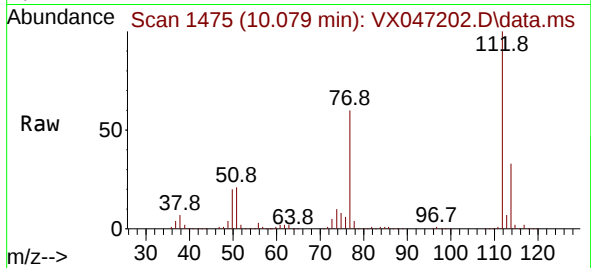
Tgt Ion:164 Resp: 120939
Ion Ratio Lower Upper
164 100
166 125.0 106.2 159.4
129 95.9 76.6 114.8
131 93.6 74.4 111.6





#65
Chlorobenzene
Concen: 46.637 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

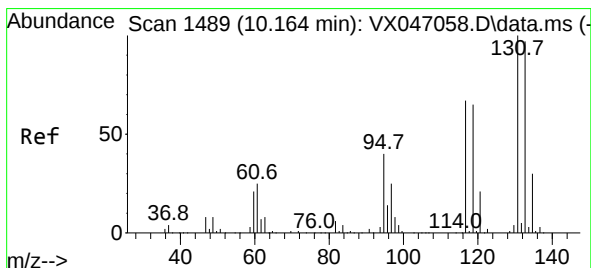
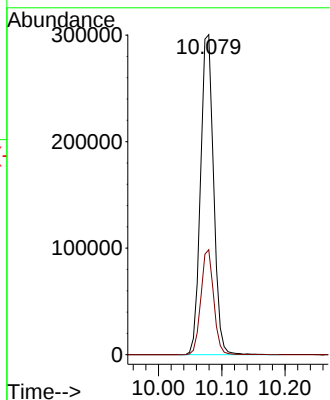
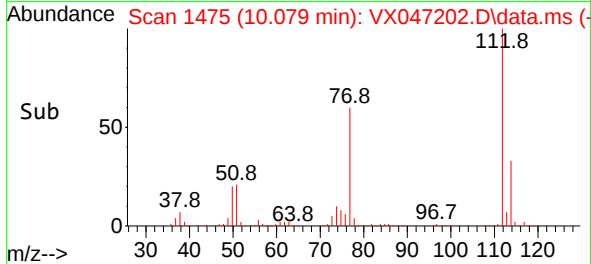
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



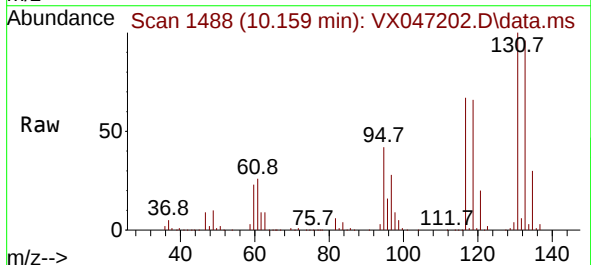
Tgt Ion:112 Resp: 432685
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6

Manual Integrations
APPROVED

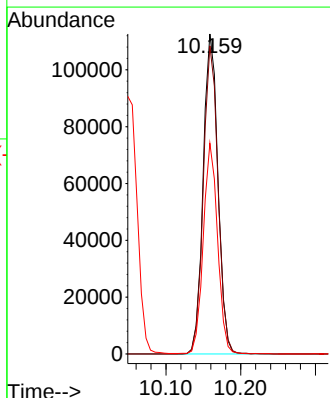
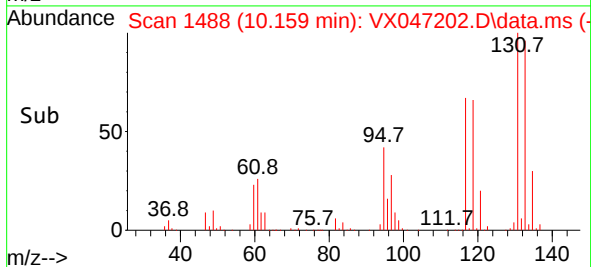
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

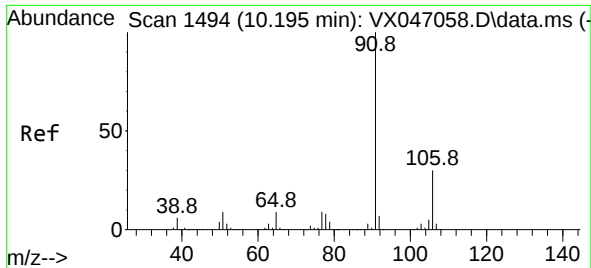


#66
1,1,1,2-Tetrachloroethane
Concen: 49.432 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22



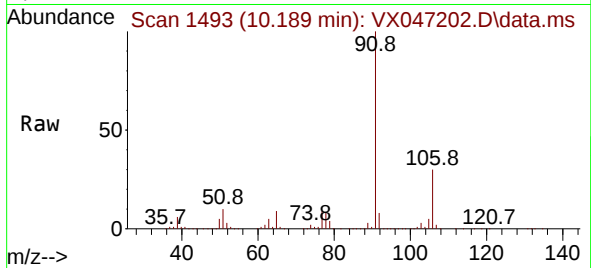
Tgt Ion:131 Resp: 154408
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.3
119 63.7 32.4 97.0





#67
Ethyl Benzene
Concen: 45.932 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

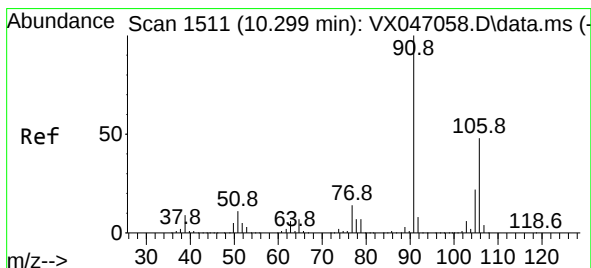
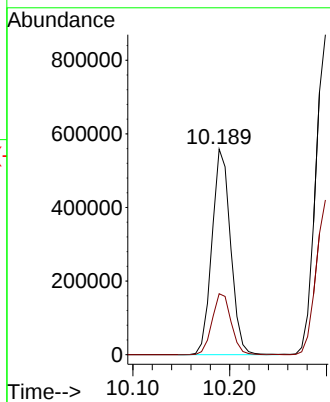
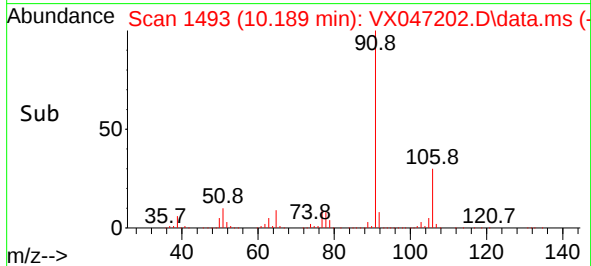
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



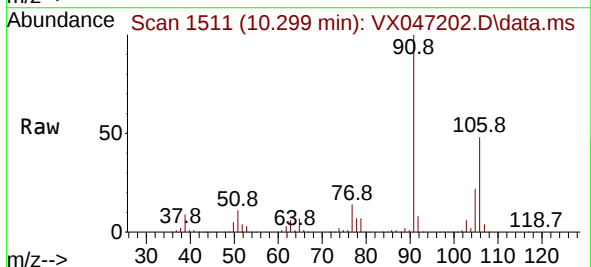
Tgt Ion: 91 Resp: 745099
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4

Manual Integrations
APPROVED

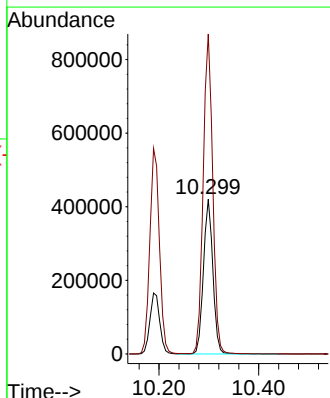
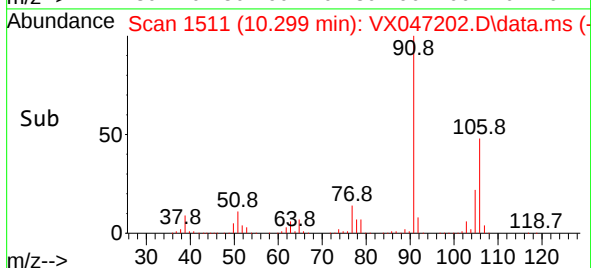
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

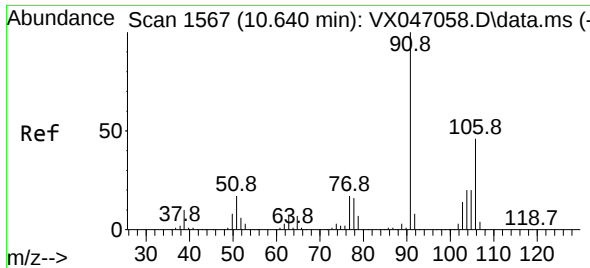


#68
m/p-Xylenes
Concen: 90.866 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22



Tgt Ion:106 Resp: 551606
Ion Ratio Lower Upper
106 100
91 208.9 167.4 251.0





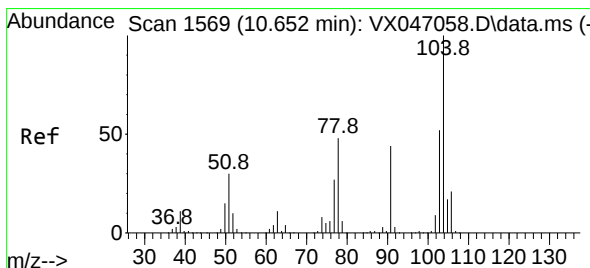
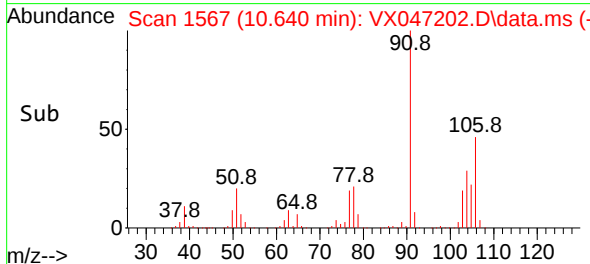
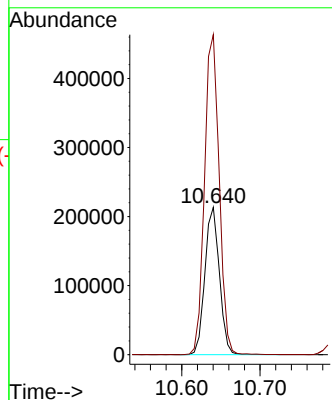
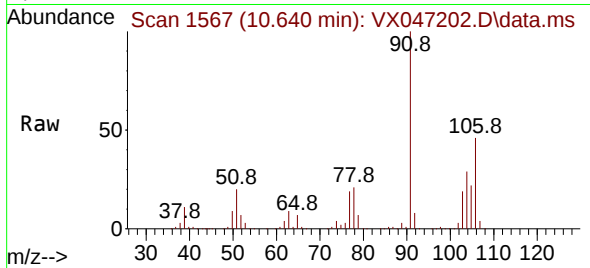
#69
o-Xylene
Concen: 47.407 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 273774
Ion Ratio Lower Upper
106 100
91 219.7 110.3 331.0

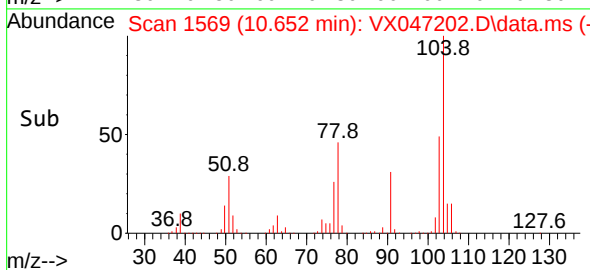
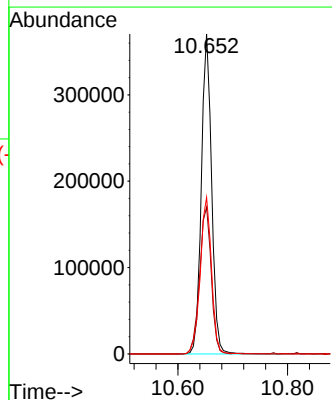
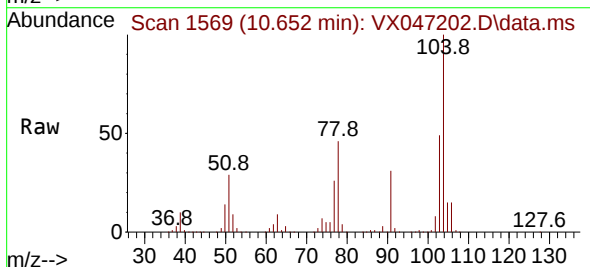
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#70
Styrene
Concen: 48.636 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

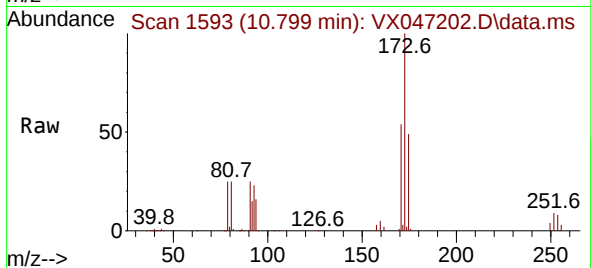
Tgt Ion:104 Resp: 481629
Ion Ratio Lower Upper
104 100
78 52.1 42.0 63.0
103 53.8 43.8 65.6





#71
Bromoform
Concen: 50.155 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

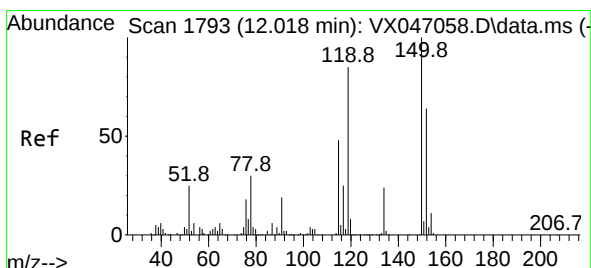
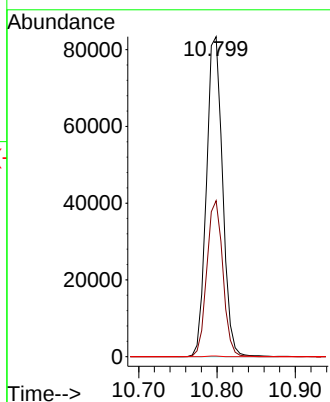
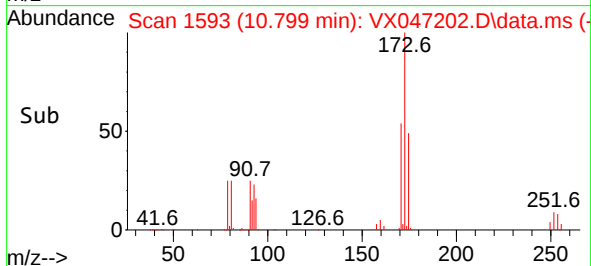
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



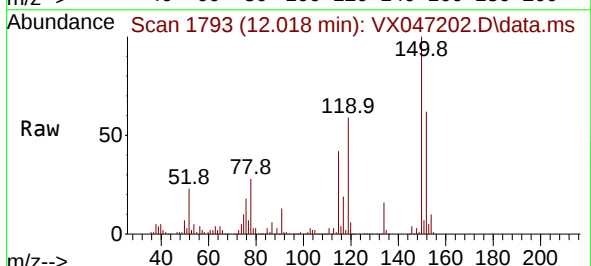
Tgt Ion:173 Resp: 119008
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

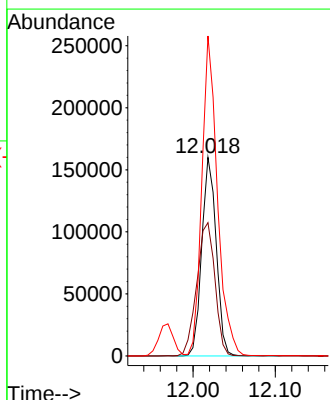
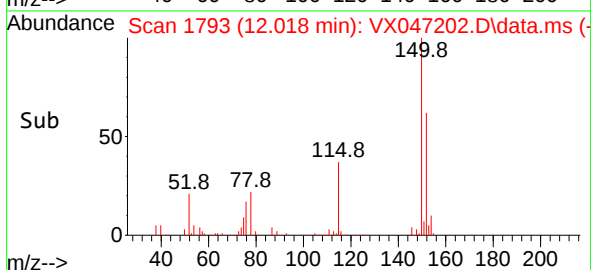
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

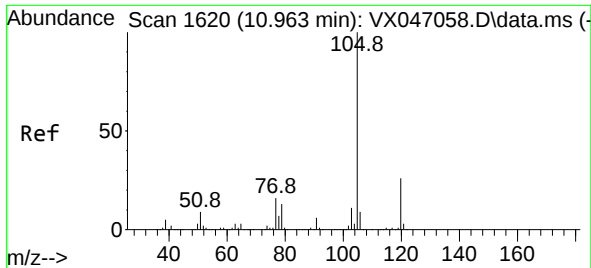


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22



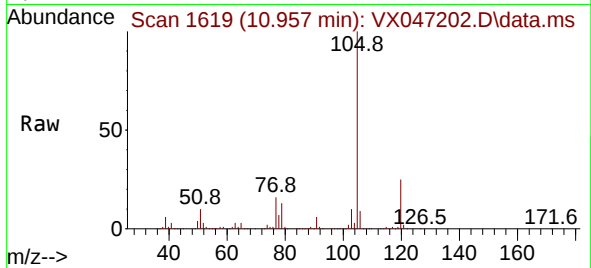
Tgt Ion:152 Resp: 195271
Ion Ratio Lower Upper
152 100
115 84.6 45.6 136.7
150 173.5 0.0 354.6





#73
Isopropylbenzene
Concen: 45.633 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

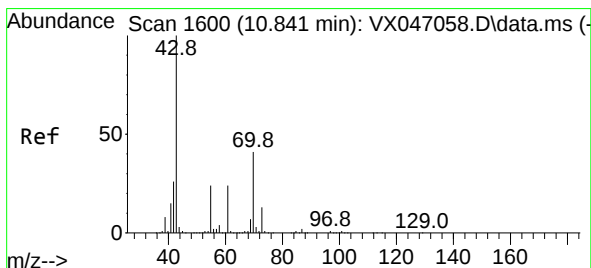
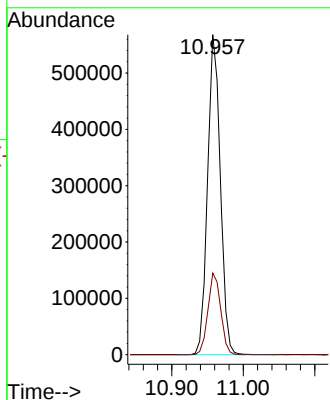
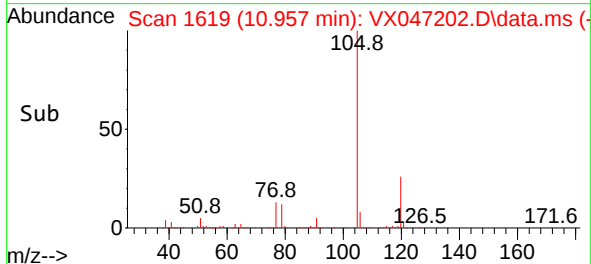
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 703009
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.7

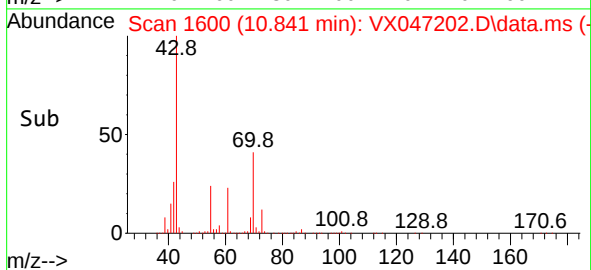
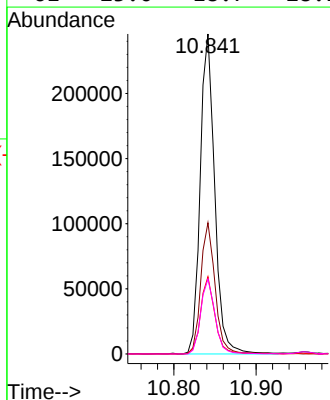
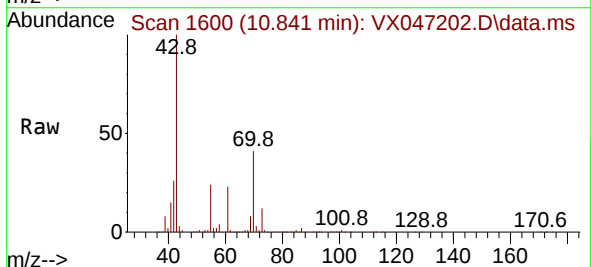
Manual Integrations
APPROVED

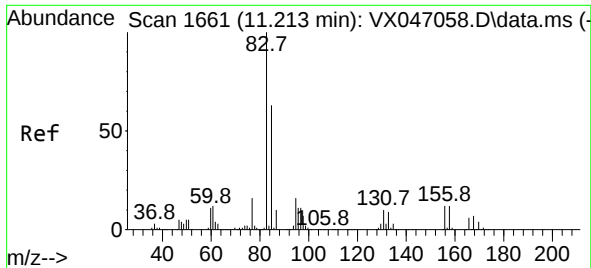
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#74
N-ethyl acetate
Concen: 48.381 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Tgt Ion: 43 Resp: 300736
Ion Ratio Lower Upper
43 100
70 40.8 32.3 48.5
55 23.7 18.9 28.3
61 23.0 18.7 28.1





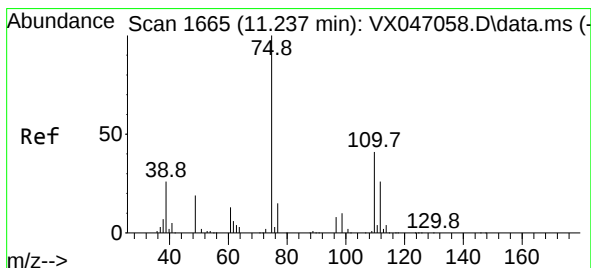
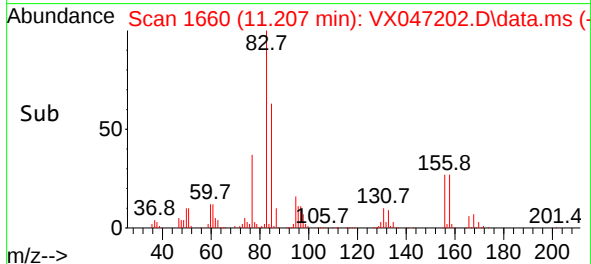
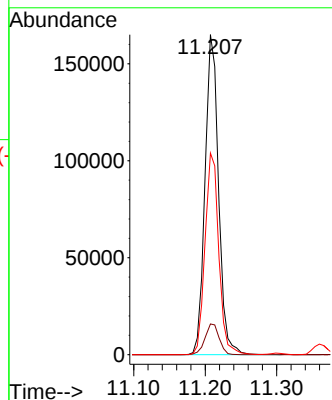
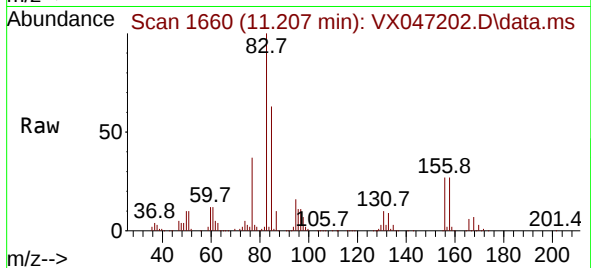
#75
1,1,2,2-Tetrachloroethane
Concen: 49.338 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 21711
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.1 32.0 96.2

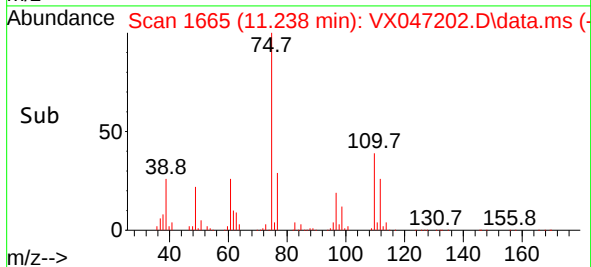
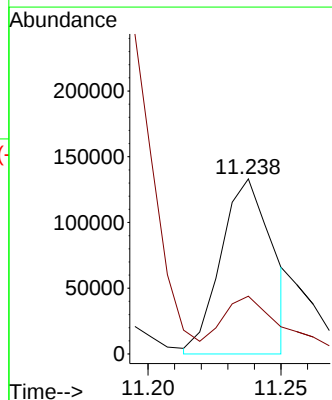
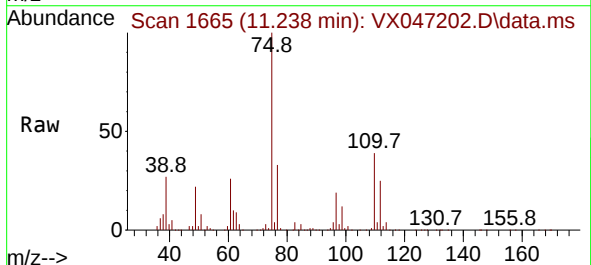
Manual Integrations
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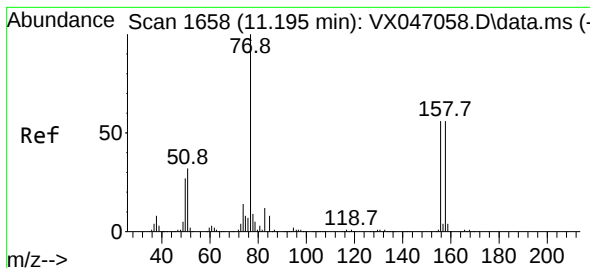
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#76
1,2,3-Trichloropropane
Concen: 49.373 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

Tgt Ion: 75 Resp: 178451
Ion Ratio Lower Upper
75 100
77 39.6 21.6 65.0





#77

Bromobenzene

Concen: 47.084 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 173980

Ion Ratio Lower Upper

156 100

77 176.7 87.3 261.9

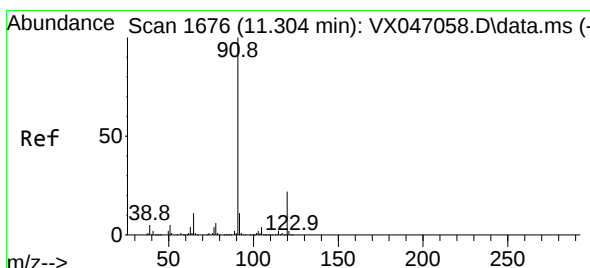
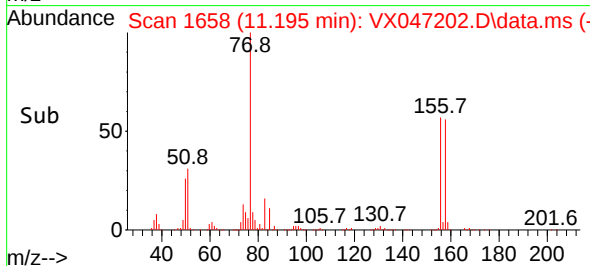
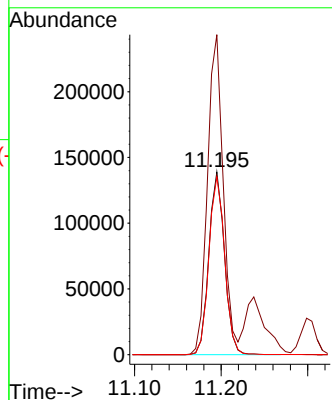
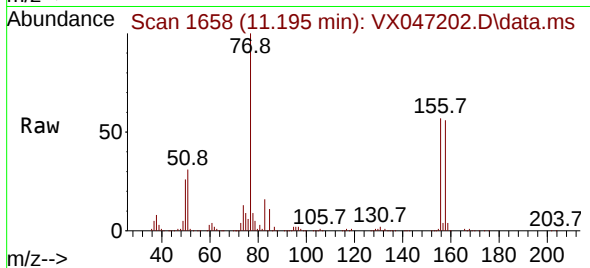
158 98.9 48.9 146.6

Manual Integrations

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Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#78

n-propylbenzene

Concen: 45.330 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX047202.D

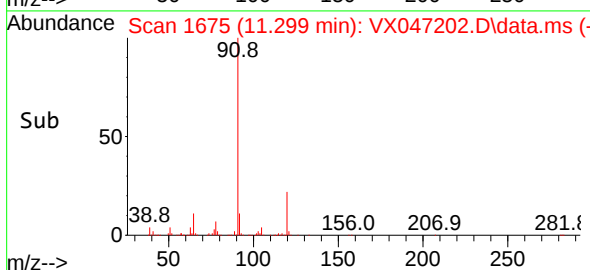
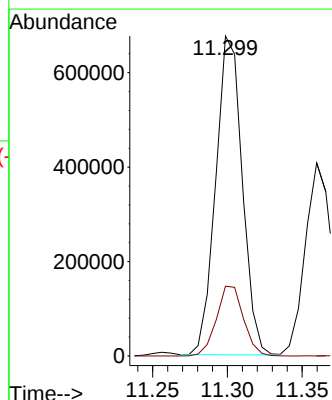
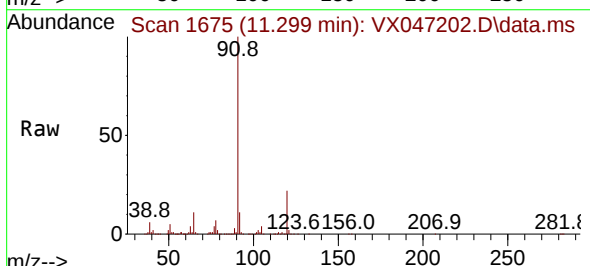
Acq: 01 Aug 2025 10:22

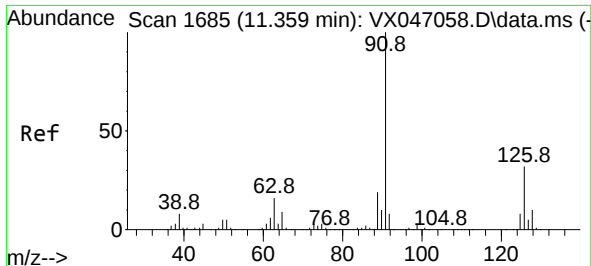
Tgt Ion: 91 Resp: 834507

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 46.071 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 50699

Ion Ratio Lower Upper

91 100

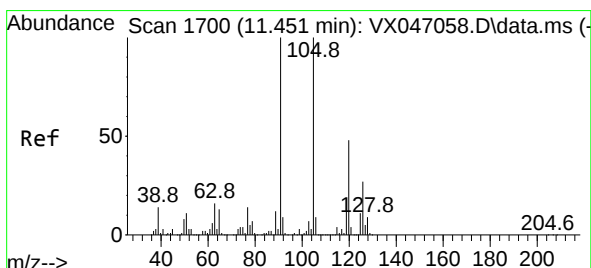
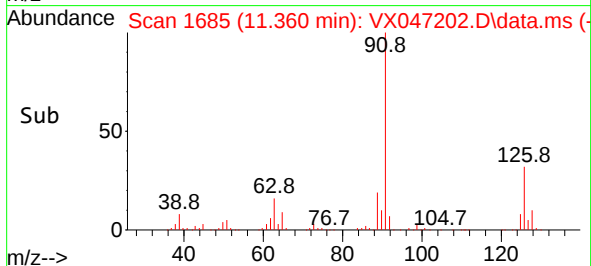
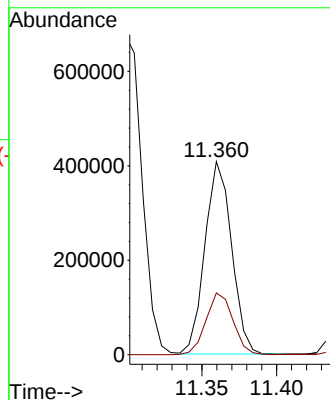
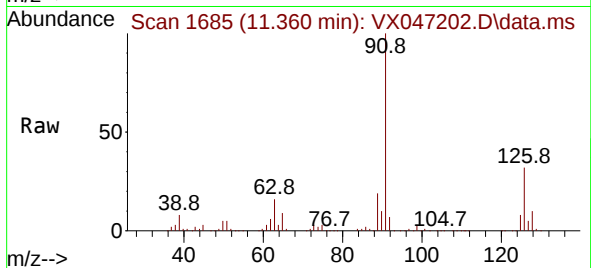
126 32.4 16.4 49.4

Manual Integrations

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Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#80

1,3,5-Trimethylbenzene

Concen: 46.106 ug/l

RT: 11.445 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VX047202.D

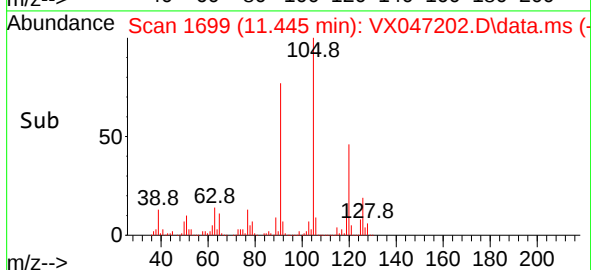
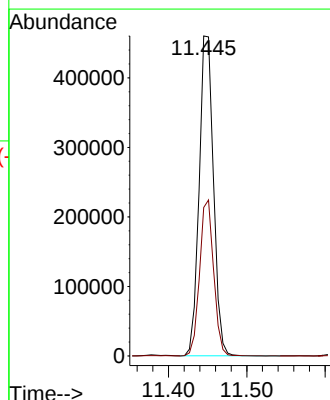
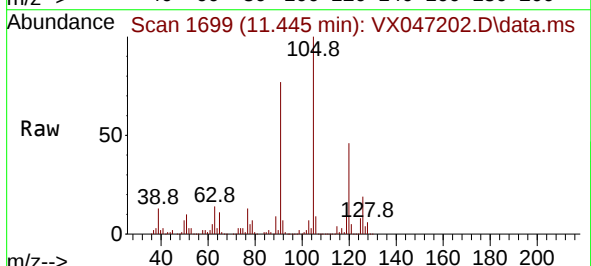
Acq: 01 Aug 2025 10:22

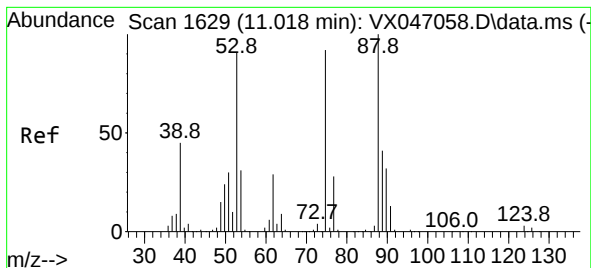
Tgt Ion:105 Resp: 586816

Ion Ratio Lower Upper

105 100

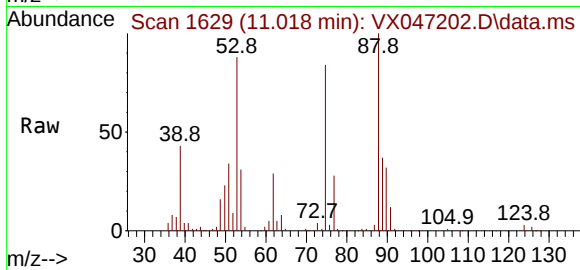
120 47.9 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 33.518 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

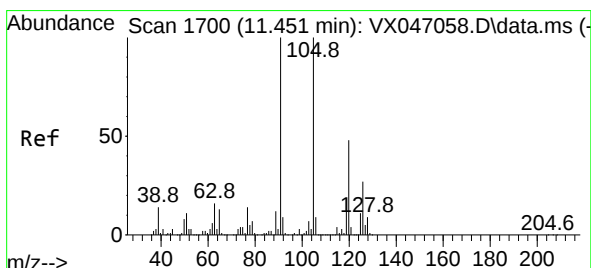
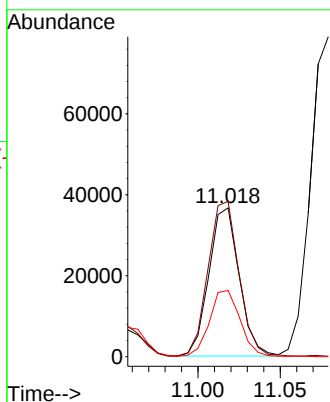
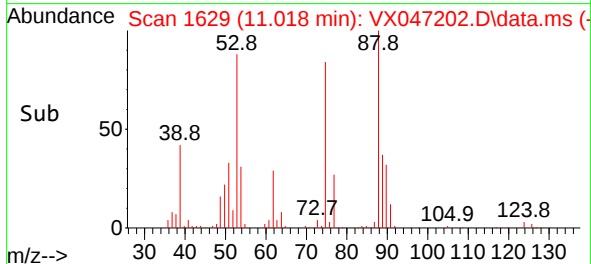
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4702
Ion Ratio Lower Upper
75 100
53 106.1 84.2 126.4
89 45.3 36.0 54.0

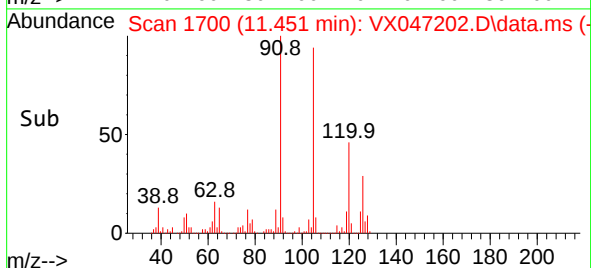
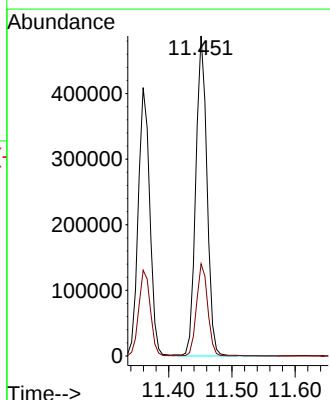
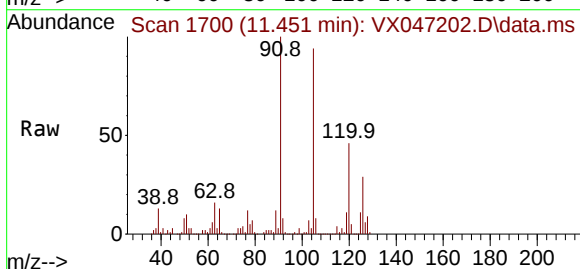
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Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#82
4-Chlorotoluene
Concen: 46.902 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

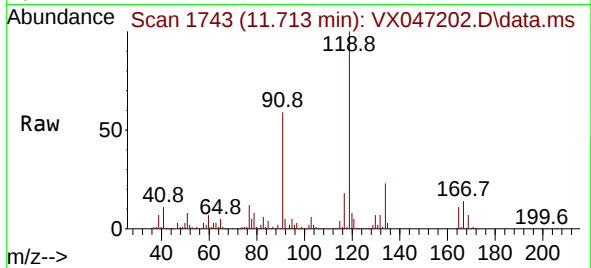
Tgt Ion: 91 Resp: 602449
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.3





#83
 tert-Butylbenzene
 Concen: 46.884 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX047202.D
 Acq: 01 Aug 2025 10:22

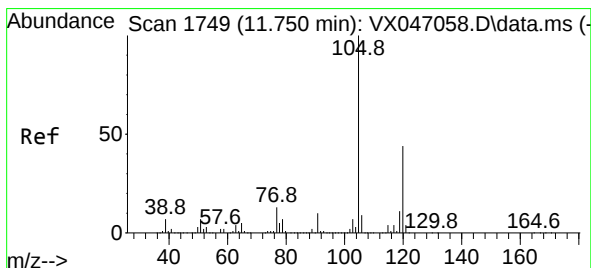
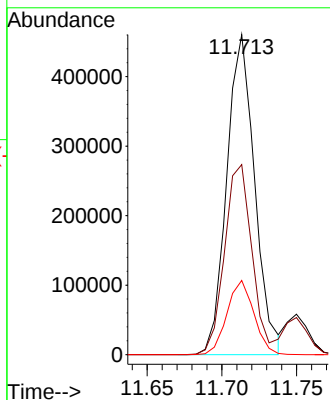
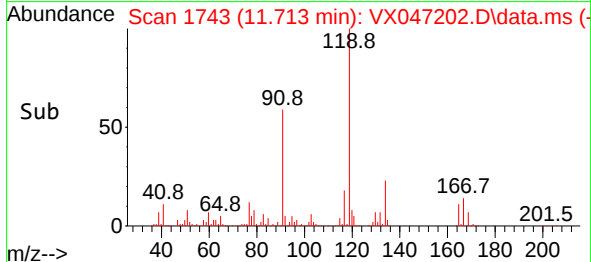
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



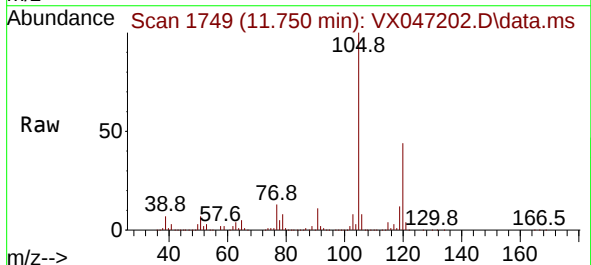
Tgt Ion:119 Resp: 598910
 Ion Ratio Lower Upper
 119 100
 91 57.8 29.6 88.8
 134 22.4 11.4 34.1

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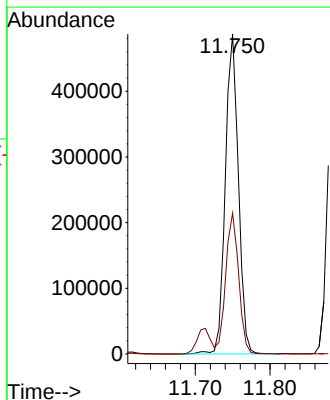
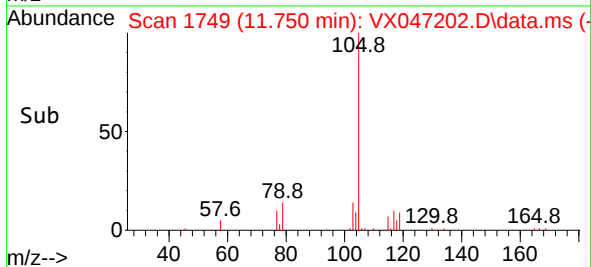
Reviewed By :John Carlone 08/04/2025
 Supervised By :Mahesh Dadoda 08/04/2025

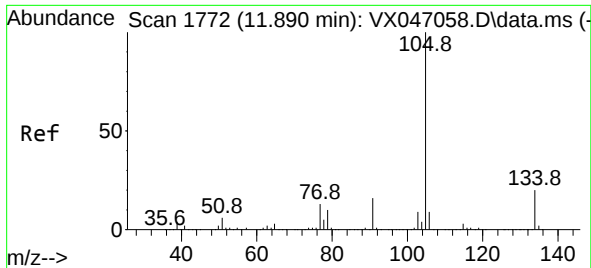


#84
 1,2,4-Trimethylbenzene
 Concen: 46.641 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX047202.D
 Acq: 01 Aug 2025 10:22



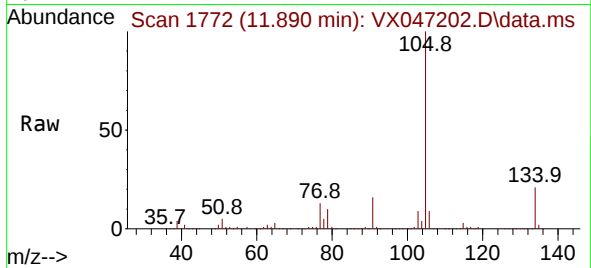
Tgt Ion:105 Resp: 592090
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 45.385 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047202.D
 Acq: 01 Aug 2025 10:22

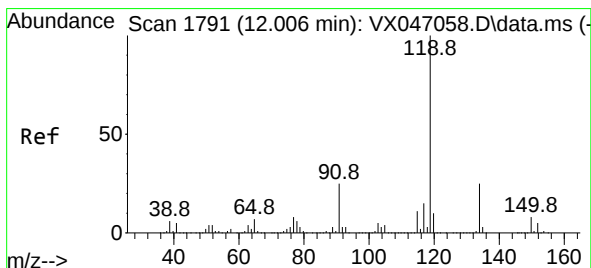
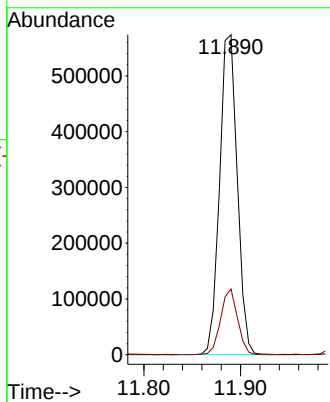
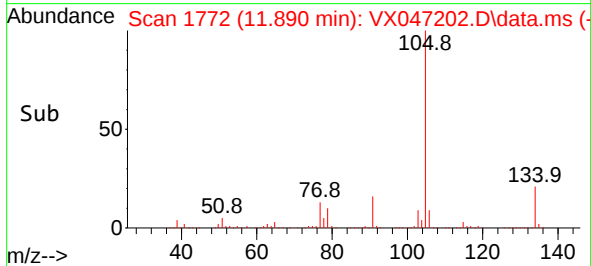
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



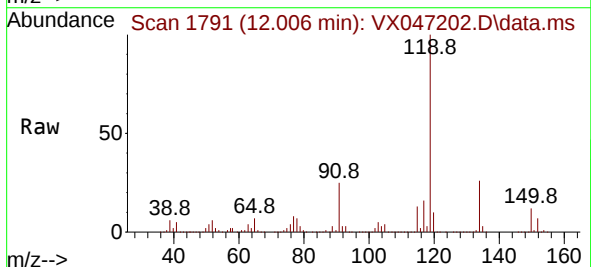
Tgt Ion:105 Resp: 724398
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

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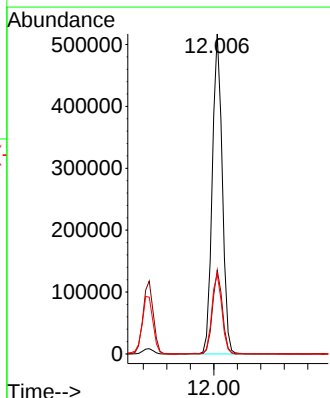
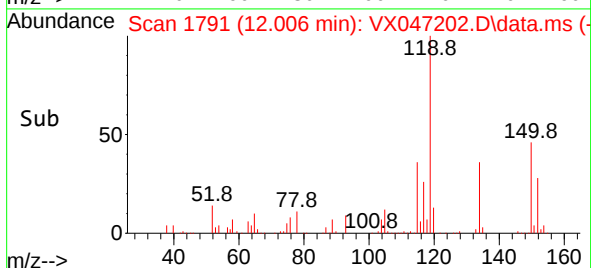
Reviewed By :John Carlone 08/04/2025
 Supervised By :Mahesh Dadoda 08/04/2025

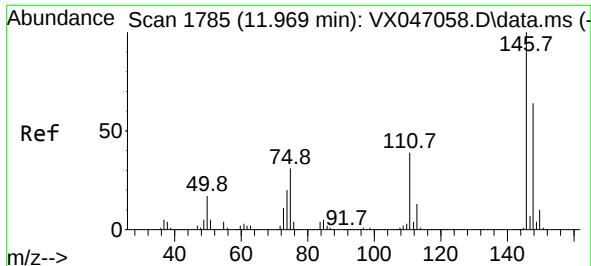


#86
 p-Isopropyltoluene
 Concen: 46.110 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047202.D
 Acq: 01 Aug 2025 10:22



Tgt Ion:119 Resp: 610320
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.309 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 32513

Ion Ratio Lower Upper

146 100

111 42.5 21.0 63.0

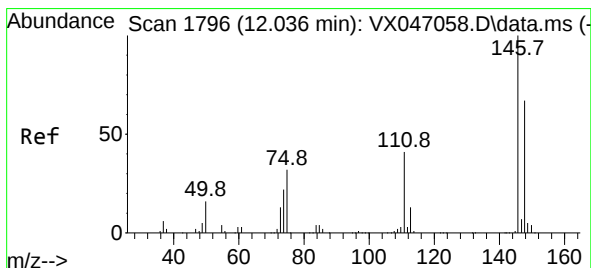
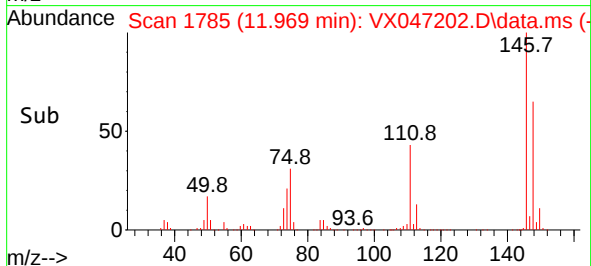
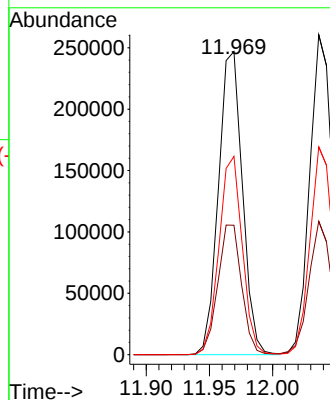
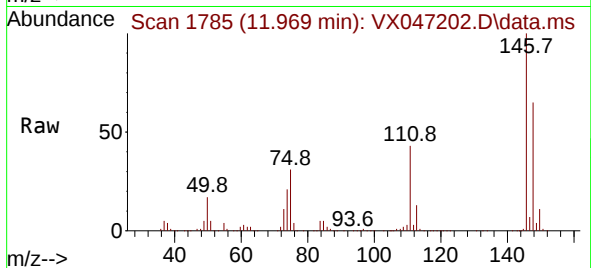
148 63.4 32.0 96.0

Manual Integrations

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Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#88

1,4-Dichlorobenzene

Concen: 46.053 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

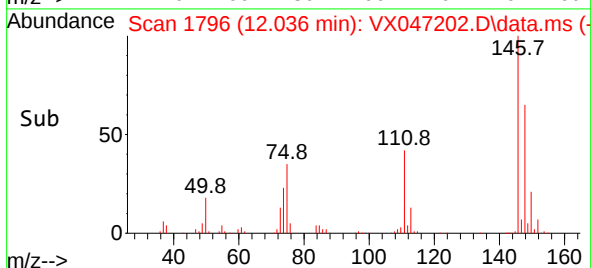
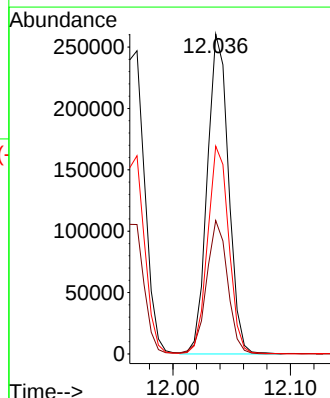
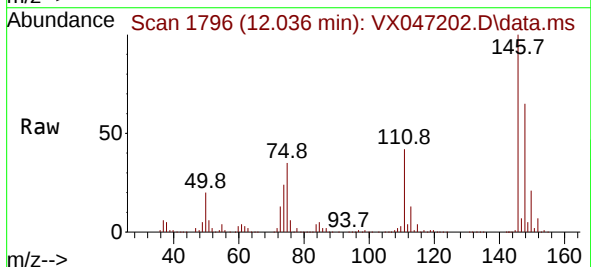
Tgt Ion:146 Resp: 327586

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

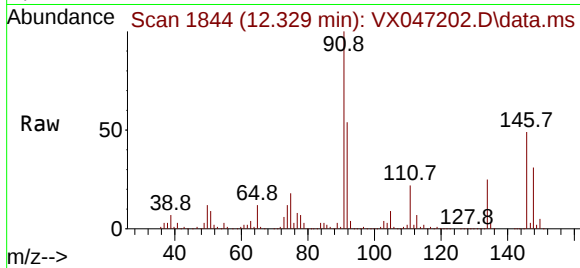
148 64.6 33.0 98.9





#89
n-Butylbenzene
Concen: 45.575 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

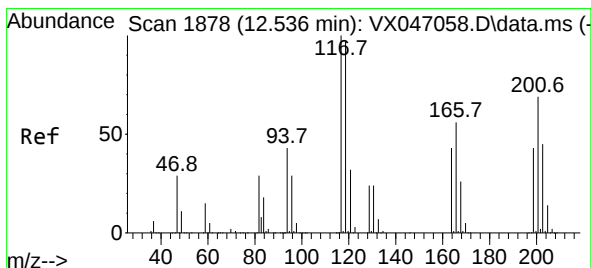
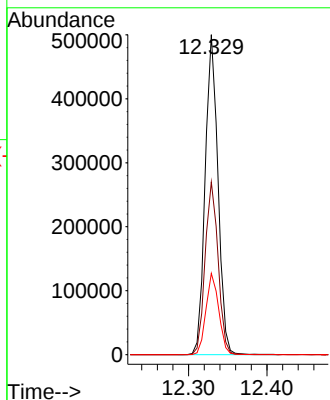
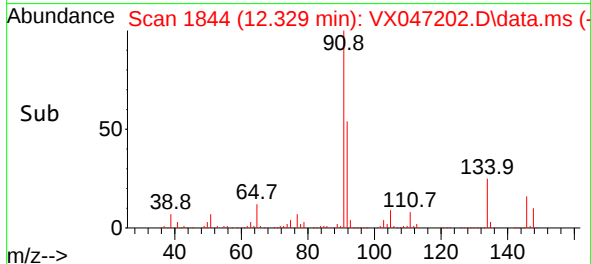
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 565708
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.5
134 25.4 12.8 38.3

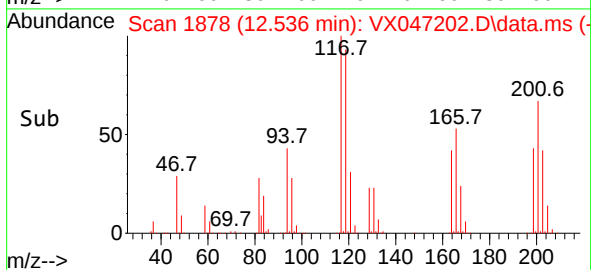
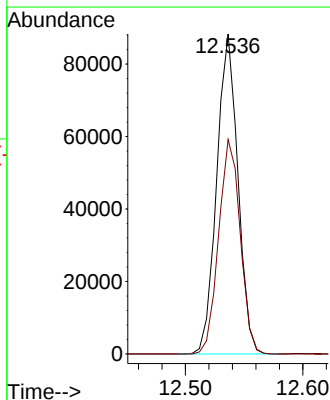
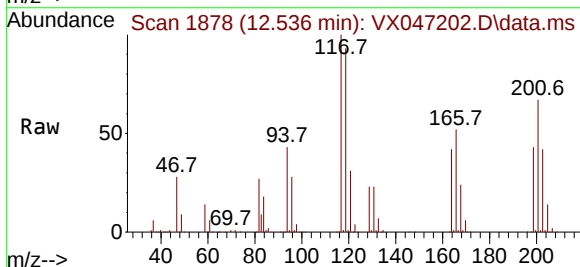
Manual Integrations
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Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#90
Hexachloroethane
Concen: 46.717 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

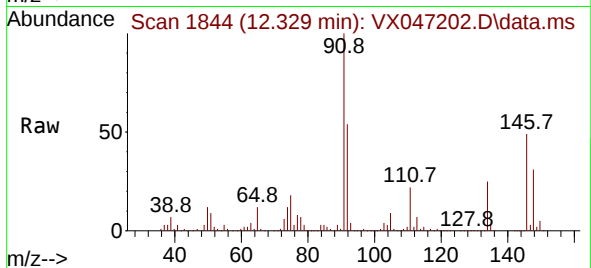
Tgt Ion:117 Resp: 110622
Ion Ratio Lower Upper
117 100
201 68.3 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 46.804 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22

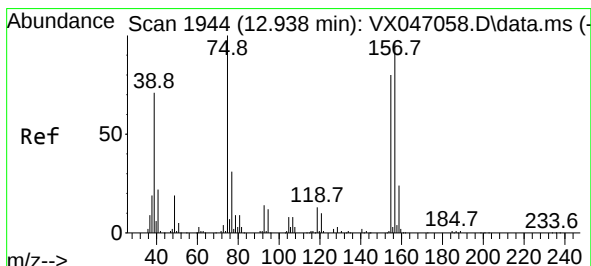
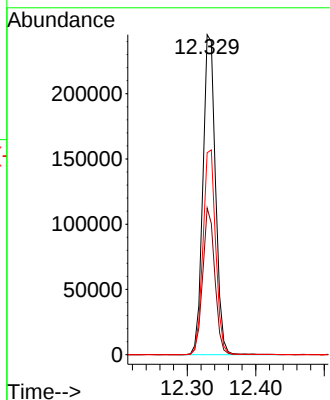
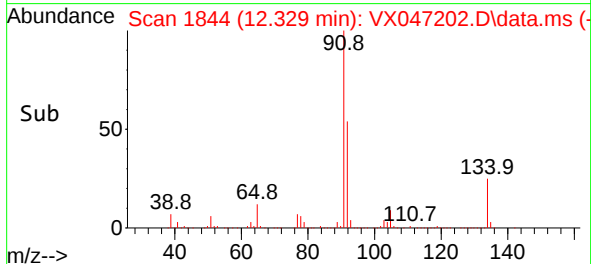
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



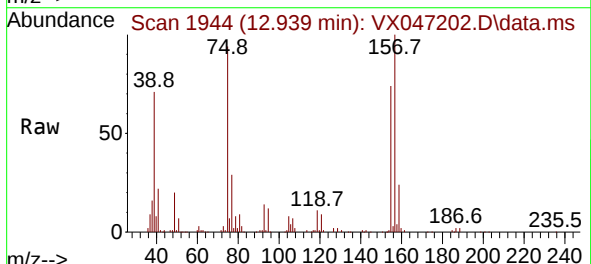
Tgt Ion:146 Resp: 314072
Ion Ratio Lower Upper
146 100
111 44.1 21.6 64.6
148 64.5 31.9 95.7

Manual Integrations
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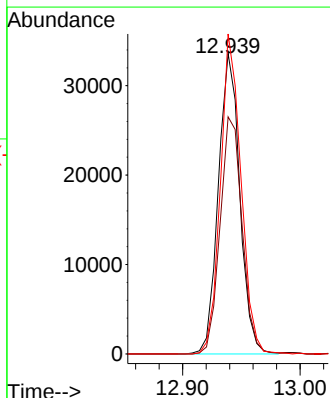
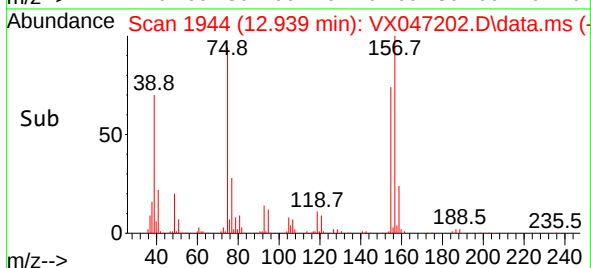
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

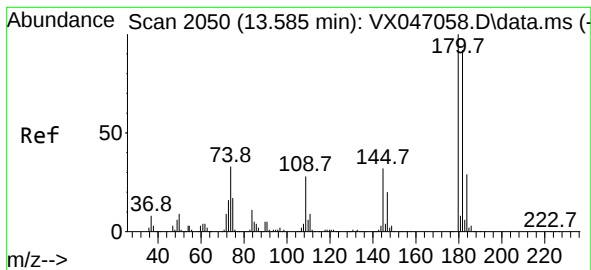


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.407 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047202.D
Acq: 01 Aug 2025 10:22



Tgt Ion: 75 Resp: 42579
Ion Ratio Lower Upper
75 100
155 81.2 41.3 124.1
157 102.3 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 48.790 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 216310

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.8

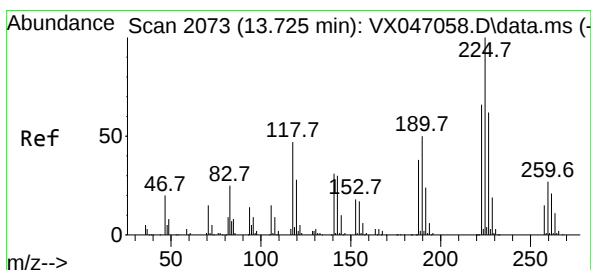
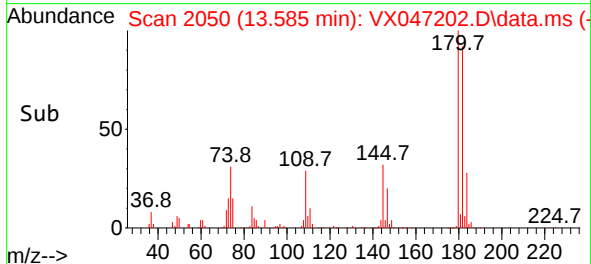
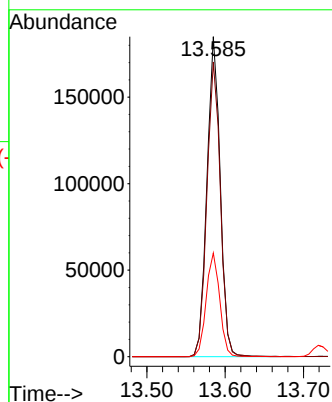
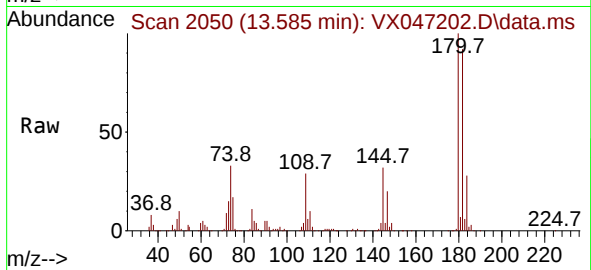
145 33.1 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#94

Hexachlorobutadiene

Concen: 51.294 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

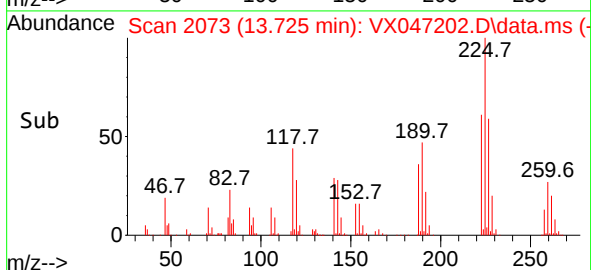
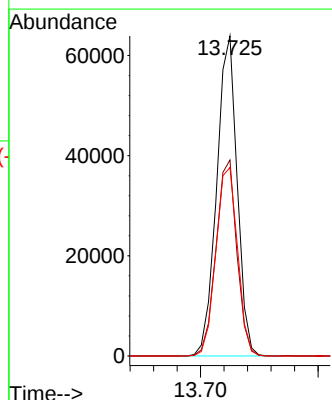
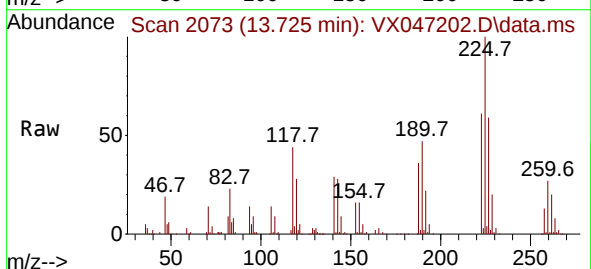
Tgt Ion:225 Resp: 77341

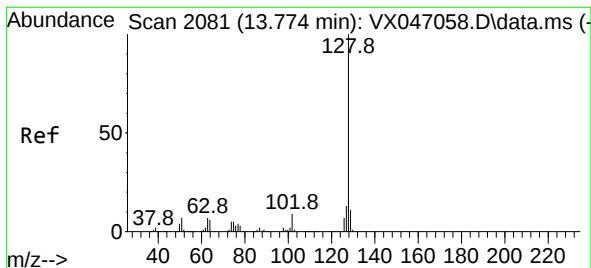
Ion Ratio Lower Upper

225 100

223 62.3 31.6 95.0

227 62.1 32.9 98.6





#95

Naphthalene

Concen: 50.236 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

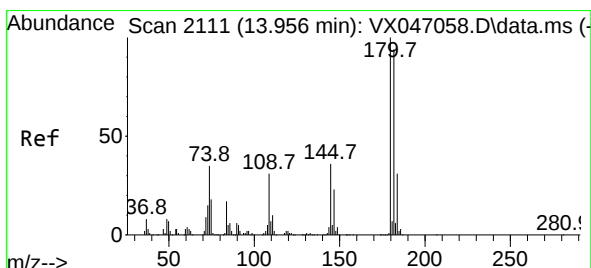
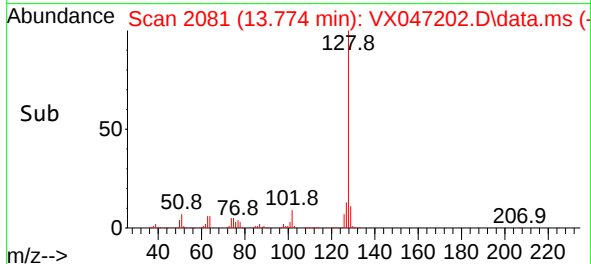
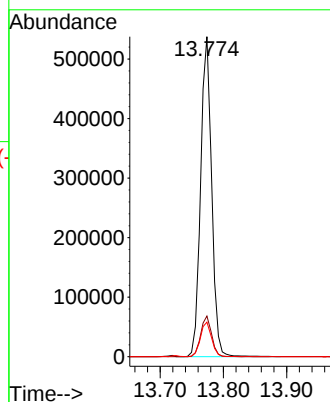
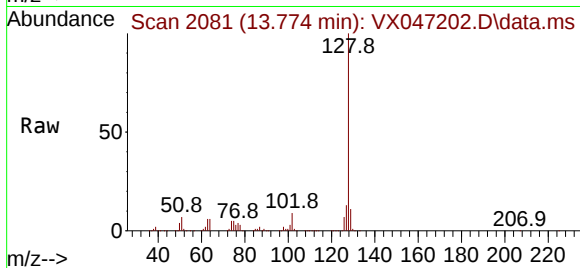
Tgt Ion:	128	Resp:	652920
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.995 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047202.D

Acq: 01 Aug 2025 10:22

Tgt Ion:	180	Resp:	209265
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.9	140.6
145	34.4	17.3	52.0

