

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080125\
 Data File : VX047214.D
 Acq On : 01 Aug 2025 18:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 00:30:01 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	5.568	168	253862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146220	46.238	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.480%		
35) Dibromofluoromethane	5.397	113	130230	48.963	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.920%		
50) Toluene-d8	8.647	98	388112	45.058	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.120%#		
62) 4-Bromofluorobenzene	11.079	95	175524	47.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	154089	45.697	ug/l	99
3) Chloromethane	1.313	50	132960	39.863	ug/l	97
4) Vinyl Chloride	1.392	62	166131	46.335	ug/l	97
5) Bromomethane	1.630	94	79004	40.564	ug/l	97
6) Chloroethane	1.709	64	95444	40.530	ug/l	99
7) Trichlorofluoromethane	1.904	101	253341	47.385	ug/l	99
8) Diethyl Ether	2.148	74	88253	46.817	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	151803	47.128	ug/l	99
10) Methyl Iodide	2.471	142	219269	66.793	ug/l	98
11) Tert butyl alcohol	2.959	59	70208	187.342	ug/l	99
12) 1,1-Dichloroethene	2.337	96	145515	45.611	ug/l	98
13) Acrolein	2.245	56	154597	227.047	ug/l	99
14) Allyl chloride	2.684	41	246541	42.751	ug/l	94
15) Acrylonitrile	3.075	53	334539	221.814	ug/l	99
16) Acetone	2.386	43	257573	203.321	ug/l	98
17) Carbon Disulfide	2.532	76	362535	39.280	ug/l	97
18) Methyl Acetate	2.715	43	182412	54.183	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	463538	47.741	ug/l	100
20) Methylene Chloride	2.806	84	158827	45.572	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	150393	46.067	ug/l	99
22) Diisopropyl ether	3.770	45	544600	49.118	ug/l	94
23) Vinyl Acetate	3.733	43	2103463	236.532	ug/l	99
24) 1,1-Dichloroethane	3.623	63	295457	47.921	ug/l	98
25) 2-Butanone	4.562	43	387798	210.232	ug/l	98
26) 2,2-Dichloropropane	4.489	77	220426	46.185	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	182632	47.241	ug/l	99
28) Bromochloromethane	4.910	49	144433	50.919	ug/l	99
29) Tetrahydrofuran	5.019	42	250664	210.612	ug/l	99
30) Chloroform	5.105	83	303226	48.315	ug/l	100
31) Cyclohexane	5.483	56	257295	43.523	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	259092	47.529	ug/l	99
36) 1,1-Dichloropropene	5.702	75	206585	45.565	ug/l	98
37) Ethyl Acetate	4.721	43	180066	43.101	ug/l	99
38) Carbon Tetrachloride	5.690	117	226978	46.905	ug/l	99
39) Methylcyclohexane	7.385	83	251760	44.475	ug/l	99
40) Benzene	6.050	78	613443	46.753	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	95203	43.583	ug/l	96
42) 1,2-Dichloroethane	6.092	62	222146	48.063	ug/l	99
43) Isopropyl Acetate	6.342	43	302510	46.447	ug/l	99
44) Trichloroethene	7.135	130	152737	45.395	ug/l	96
45) 1,2-Dichloropropane	7.434	63	156677	47.677	ug/l	100
46) Dibromomethane	7.586	93	112238	48.704	ug/l	99
47) Bromodichloromethane	7.824	83	240975	49.127	ug/l	99
48) Methyl methacrylate	7.696	41	159032	44.822	ug/l	100
49) 1,4-Dioxane	7.726	88	30550	757.045	ug/l #	67
51) 4-Methyl-2-Pentanone	8.574	43	868822	224.432	ug/l	100
52) Toluene	8.720	92	381875	47.333	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	223289	48.206	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	243377	48.007	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	147148	48.634	ug/l	98
56) Ethyl methacrylate	9.116	69	220946	49.327	ug/l	99
57) 1,3-Dichloropropane	9.305	76	251921	47.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	575969	231.079	ug/l	100
59) 2-Hexanone	9.427	43	580159	226.834	ug/l	100
60) Dibromochloromethane	9.519	129	173155	48.796	ug/l	100
61) 1,2-Dibromoethane	9.610	107	145722	46.061	ug/l	98
64) Tetrachloroethene	9.275	164	123584	44.426	ug/l	96
65) Chlorobenzene	10.079	112	426346	47.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	147660	48.515	ug/l	99
67) Ethyl Benzene	10.195	91	749620	47.426	ug/l	99
68) m/p-Xylenes	10.299	106	558065	94.348	ug/l	100
69) o-Xylene	10.640	106	268442	47.706	ug/l	100
70) Styrene	10.652	104	469818	48.691	ug/l	100
71) Bromoform	10.799	173	105926	45.816	ug/l	99
73) Isopropylbenzene	10.957	105	712943	48.590	ug/l	99
74) N-amyl acetate	10.841	43	268439	45.343	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	197348	47.086	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	158298m	45.985	ug/l	
77) Bromobenzene	11.195	156	170821	48.538	ug/l	100
78) n-propylbenzene	11.299	91	855708	48.804	ug/l	100
79) 2-Chlorotoluene	11.360	91	507772	48.447	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	590600	48.722	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38427	28.760	ug/l	97
82) 4-Chlorotoluene	11.451	91	595871	48.707	ug/l	100
83) tert-Butylbenzene	11.713	119	602856	49.550	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	595104	49.220	ug/l	99
85) sec-Butylbenzene	11.890	105	741799	48.797	ug/l	99
86) p-Isopropyltoluene	12.006	119	621562	49.305	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	318736	47.665	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	320530	47.312	ug/l	98
89) n-Butylbenzene	12.329	91	585220	49.502	ug/l	99
90) Hexachloroethane	12.536	117	110477	48.987	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	305954	47.872	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37251	46.303	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	203580	48.212	ug/l	98
94) Hexachlorobutadiene	13.719	225	73800	51.391	ug/l	100
95) Naphthalene	13.774	128	593994	47.985	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	194260	47.754	ug/l	98

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

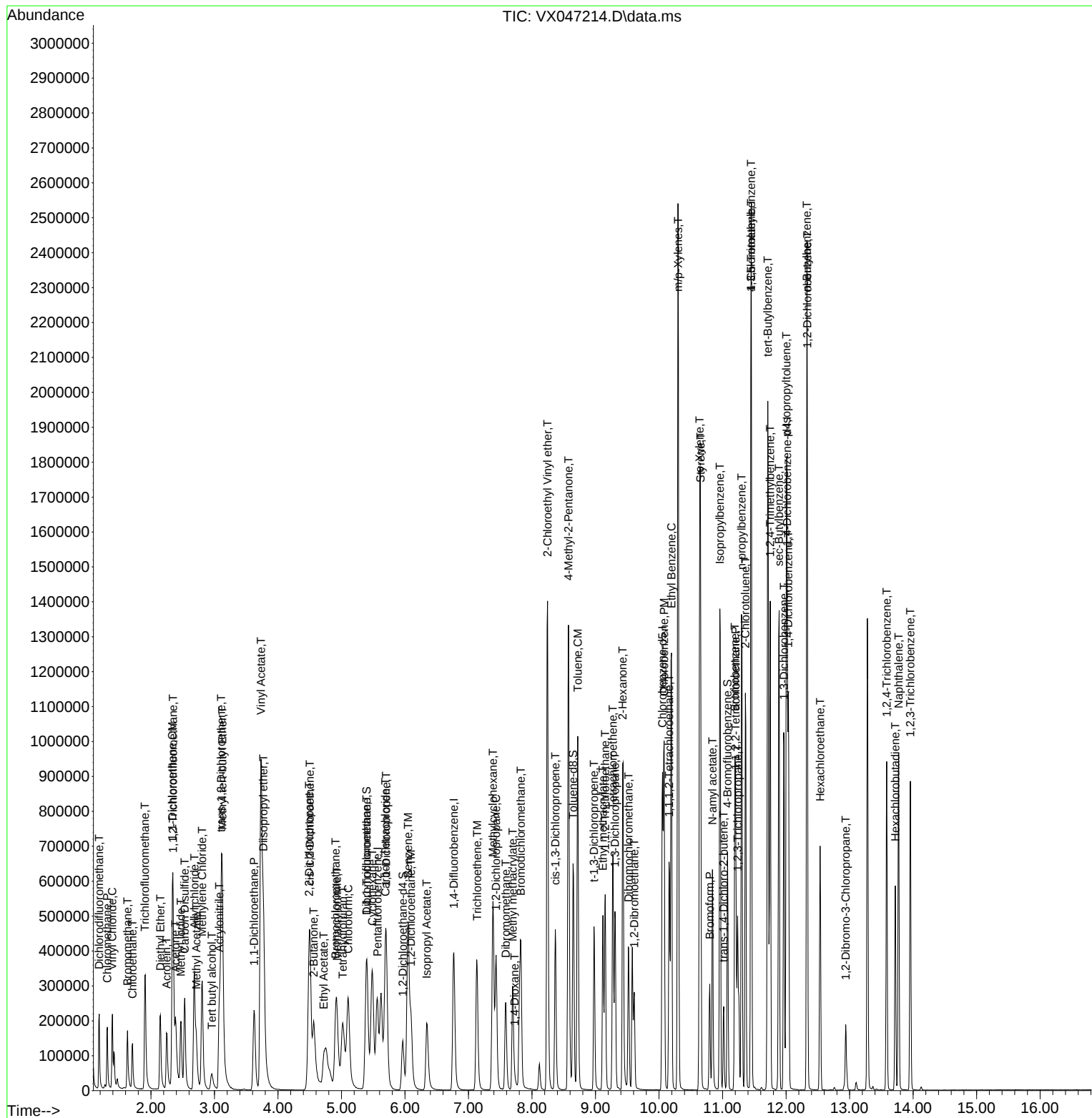
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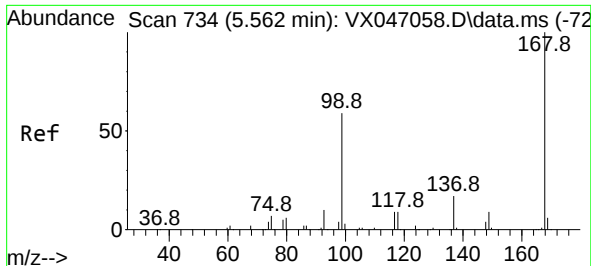
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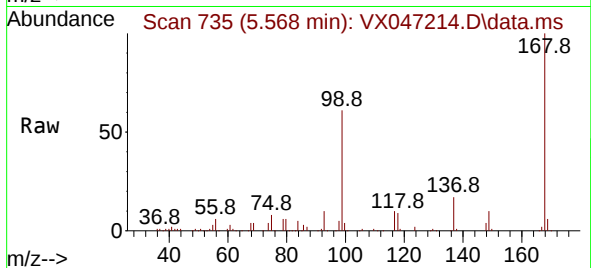
Reviewed By :John Carlone 08/04/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

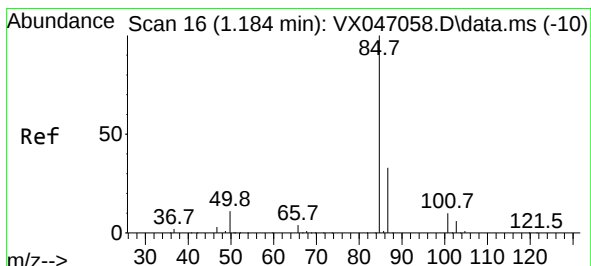
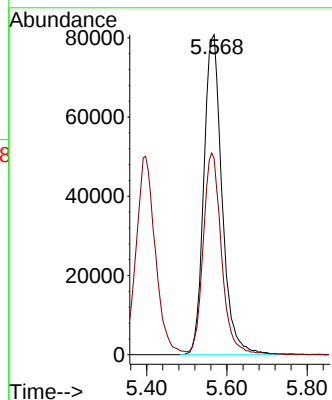
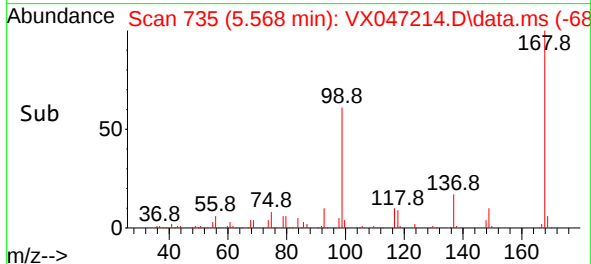
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 253862
Ion Ratio Lower Upper
168 100
99 61.1 48.0 72.0

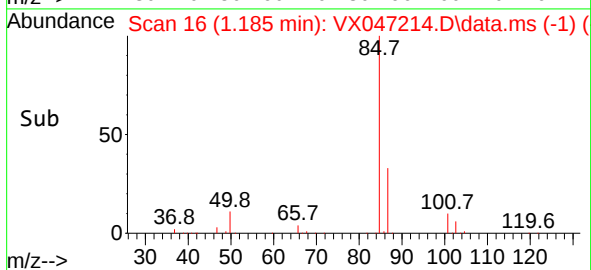
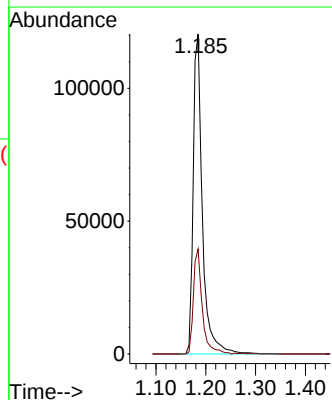
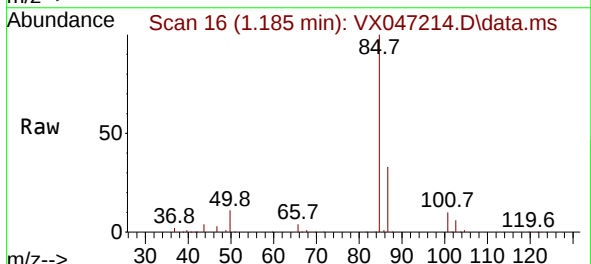
Manual Integrations
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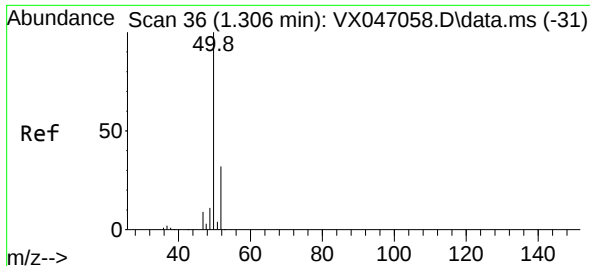
Reviewed By :John Carlone 08/04/2025
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#2
Dichlorodifluoromethane
Concen: 45.697 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

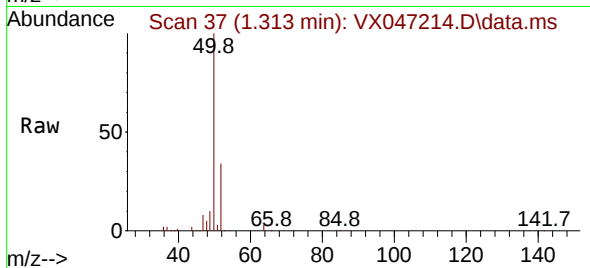
Tgt Ion: 85 Resp: 154089
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.8





#3
Chloromethane
Concen: 39.863 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

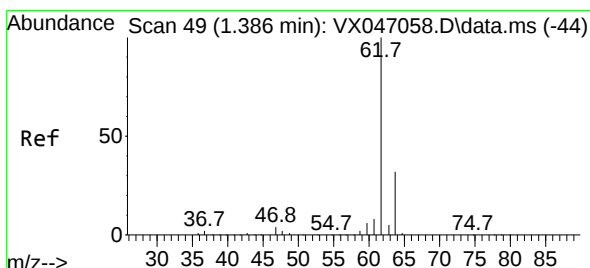
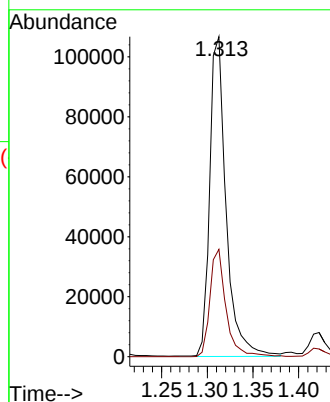
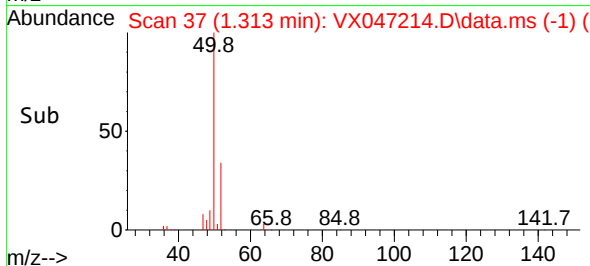
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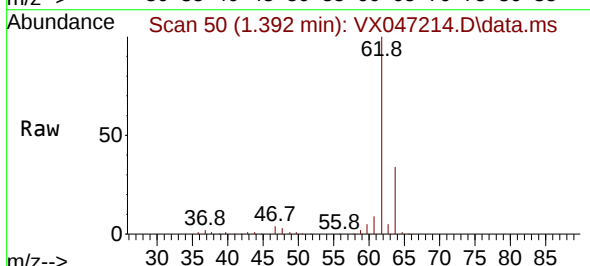
Tgt Ion: 50 Resp: 132960
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2

Manual Integrations
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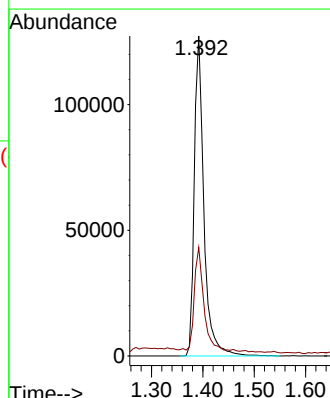
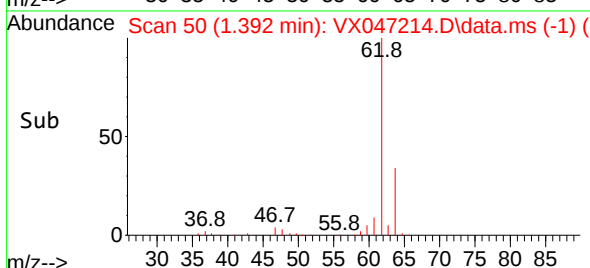
Reviewed By :John Carlone 08/04/2025
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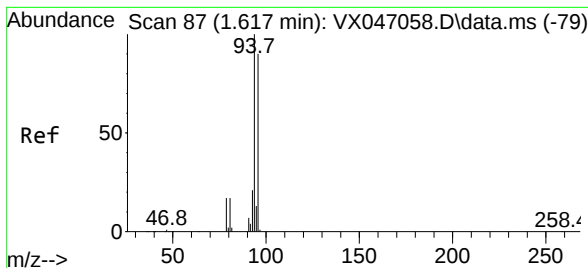


#4
Vinyl Chloride
Concen: 46.335 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



Tgt Ion: 62 Resp: 166131
Ion Ratio Lower Upper
62 100
64 32.9 25.2 37.8





#5

Bromomethane

Concen: 40.564 ug/l

RT: 1.630 min Scan# 89

Delta R.T. 0.012 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 79004

Ion Ratio Lower Upper

94 100

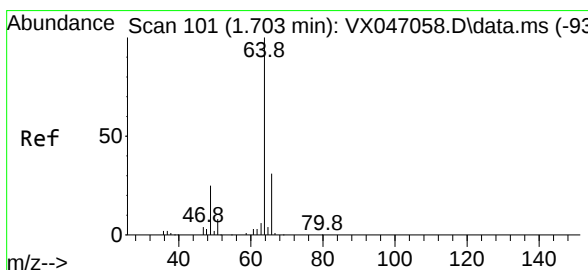
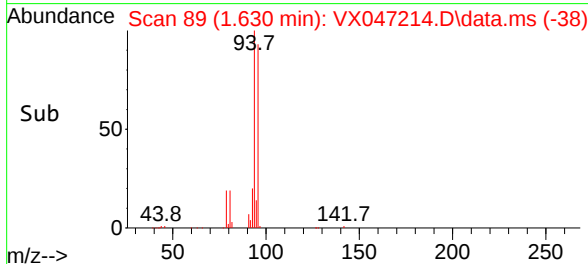
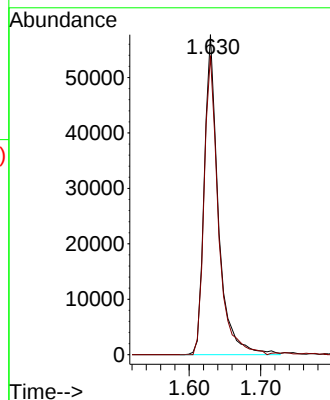
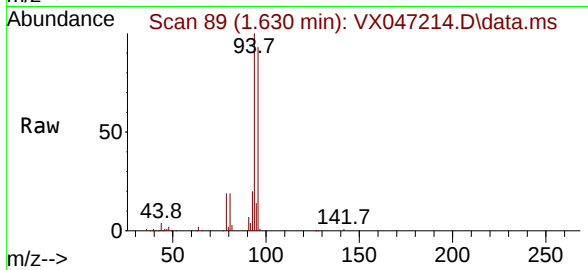
96 93.4 72.3 108.5

Manual Integrations

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Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#6

Chloroethane

Concen: 40.530 ug/l

RT: 1.709 min Scan# 102

Delta R.T. 0.006 min

Lab File: VX047214.D

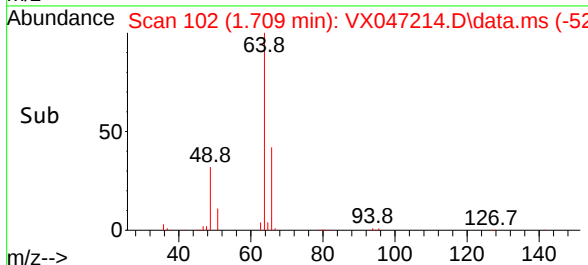
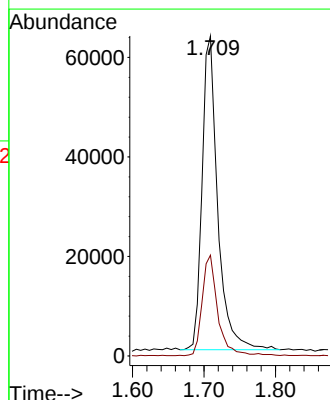
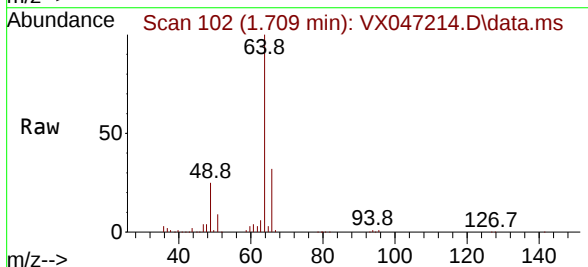
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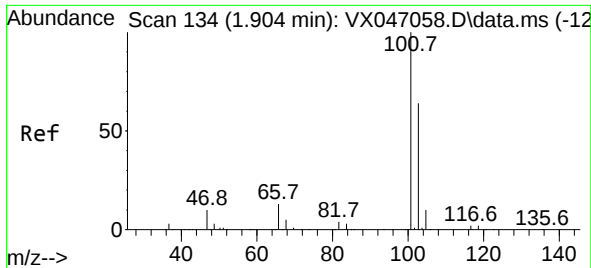
Tgt Ion: 64 Resp: 95444

Ion Ratio Lower Upper

64 100

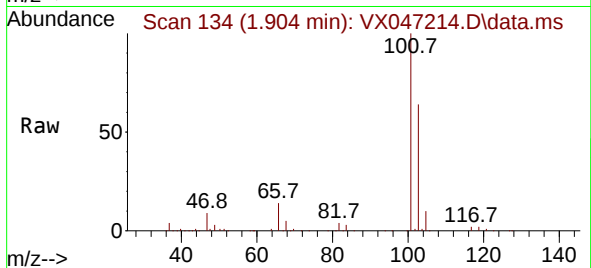
66 32.0 25.0 37.6





#7
Trichlorofluoromethane
Concen: 47.385 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

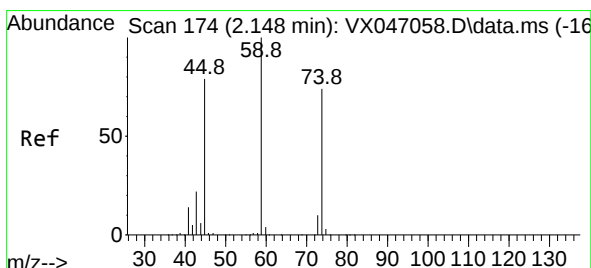
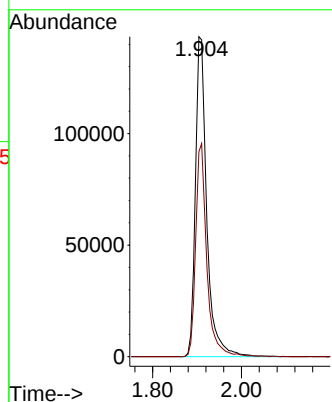
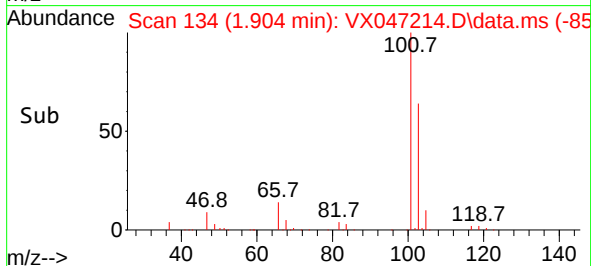
Instrument :
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Tgt Ion:101 Resp: 25334
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3

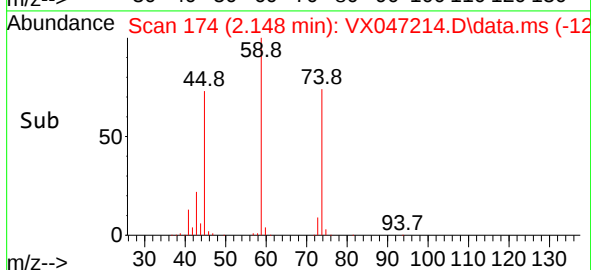
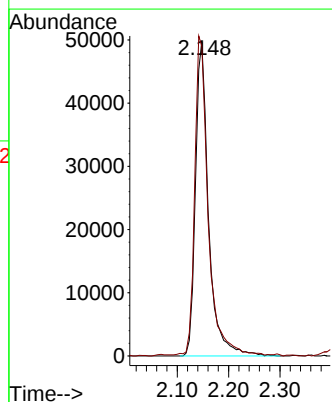
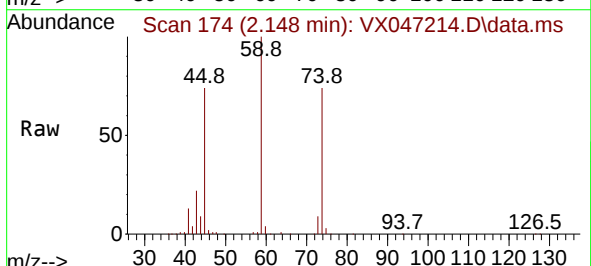
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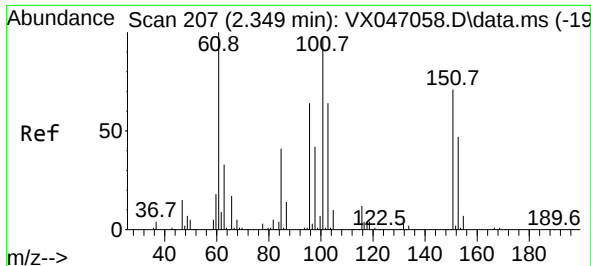
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#8
Diethyl Ether
Concen: 46.817 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

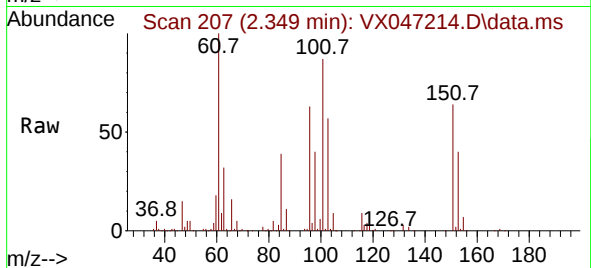
Tgt Ion: 74 Resp: 88253
Ion Ratio Lower Upper
74 100
45 102.8 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.128 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

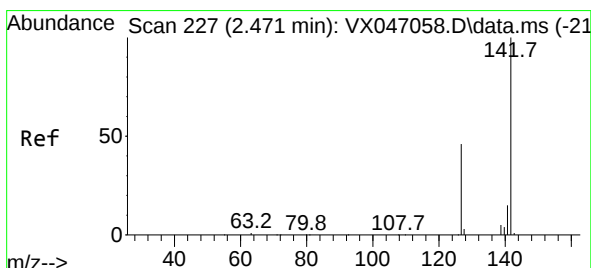
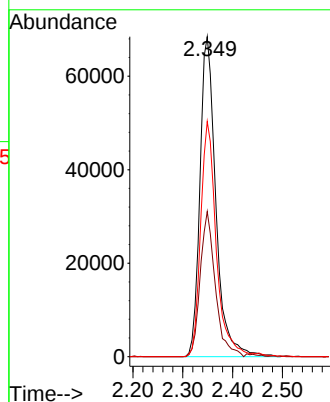
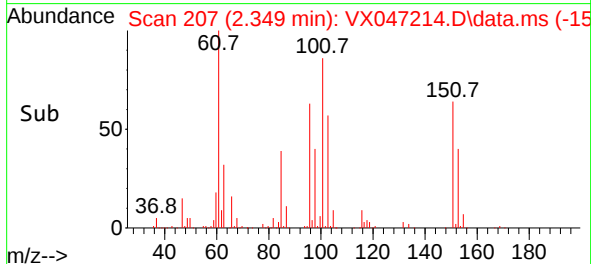
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



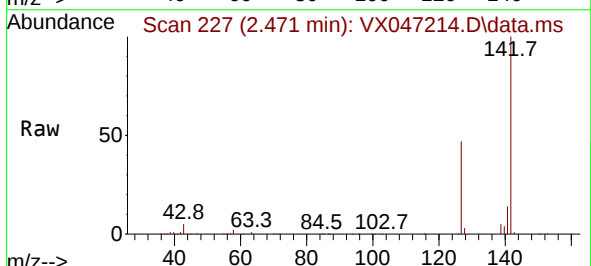
Tgt Ion:101 Resp: 15180
Ion Ratio Lower Upper
101 100
85 43.0 35.4 53.0
151 73.1 59.2 88.8

Manual Integrations
APPROVED

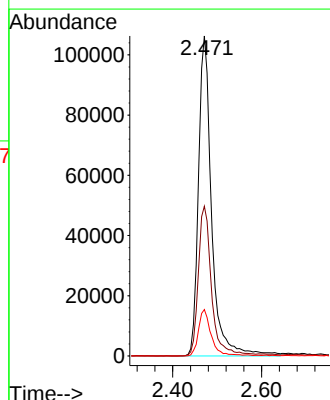
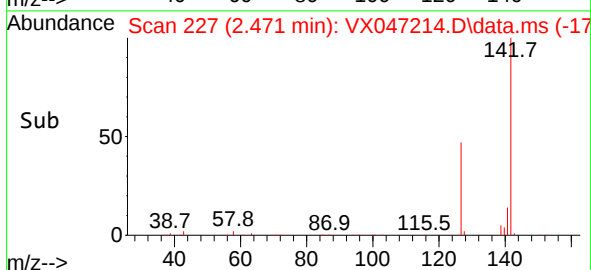
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

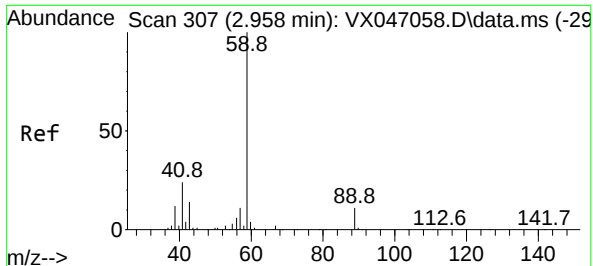


#10
Methyl Iodide
Concen: 66.793 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



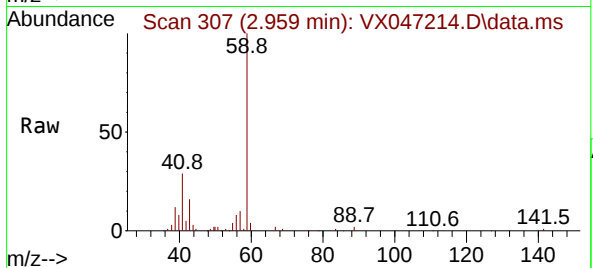
Tgt Ion:142 Resp: 219269
Ion Ratio Lower Upper
142 100
127 46.9 36.6 54.8
141 14.0 10.9 16.3





#11
Tert butyl alcohol
Concen: 187.342 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

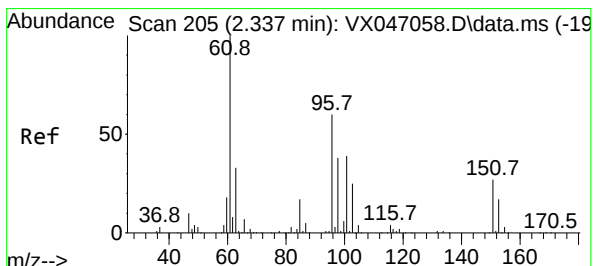
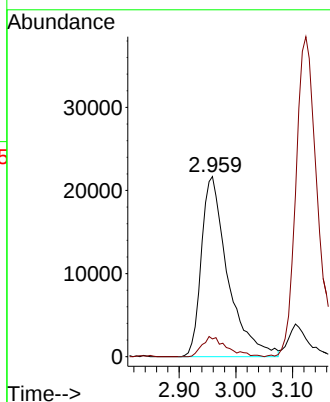
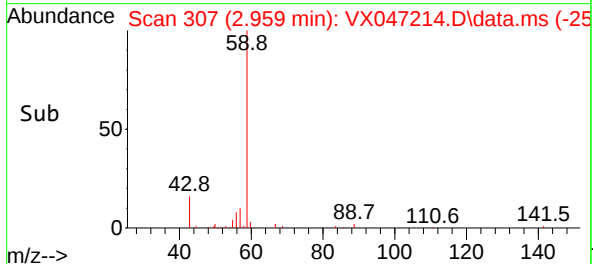
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



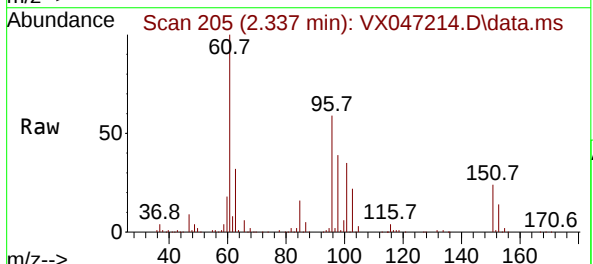
Tgt Ion: 59 Resp: 70208
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

Manual Integrations
APPROVED

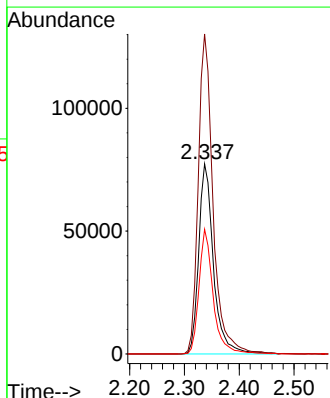
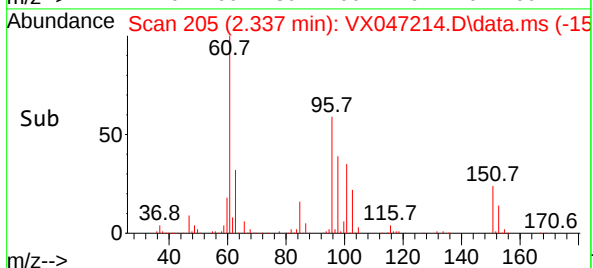
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

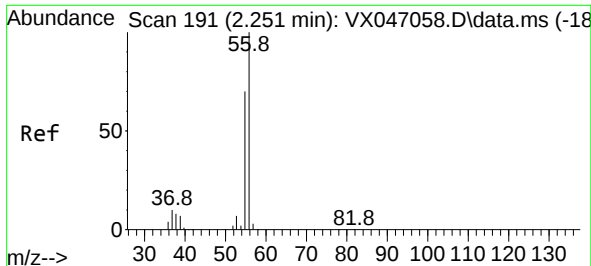


#12
1,1-Dichloroethene
Concen: 45.611 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



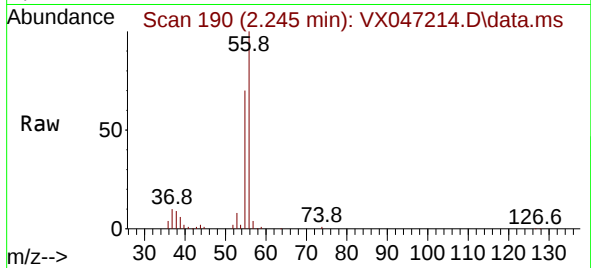
Tgt Ion: 96 Resp: 145515
Ion Ratio Lower Upper
96 100
61 168.3 132.6 198.8
98 65.6 50.2 75.4





#13
Acrolein
Concen: 227.047 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

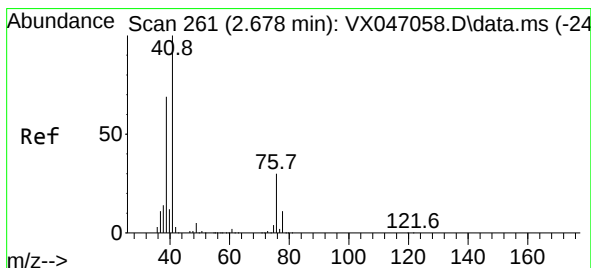
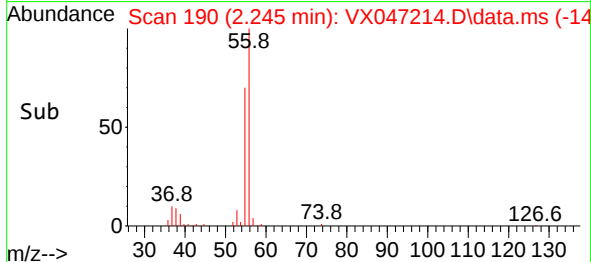
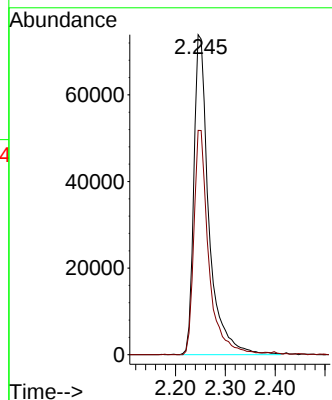
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 154597
Ion Ratio Lower Upper
56 100
55 69.2 55.7 83.5

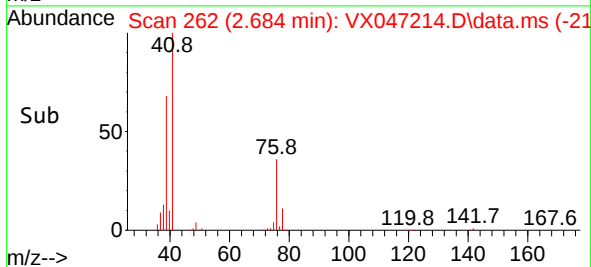
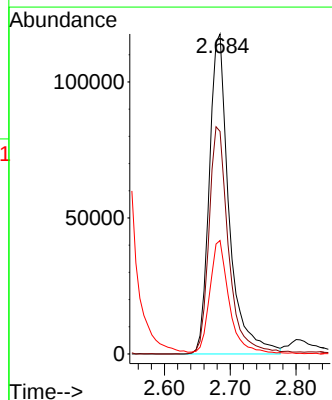
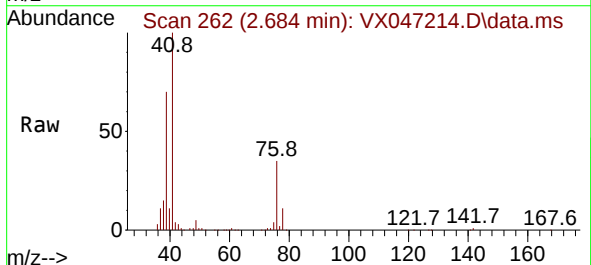
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 42.751 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

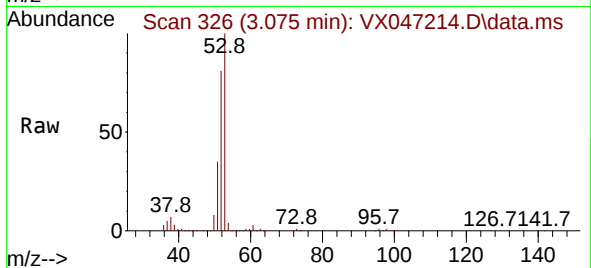
Tgt Ion: 41 Resp: 246541
Ion Ratio Lower Upper
41 100
39 70.9 52.6 78.8
76 34.9 25.7 38.5





#15
Acrylonitrile
Concen: 221.814 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

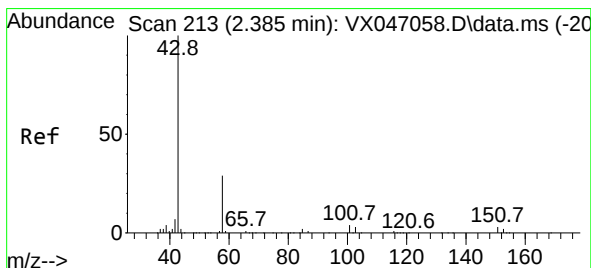
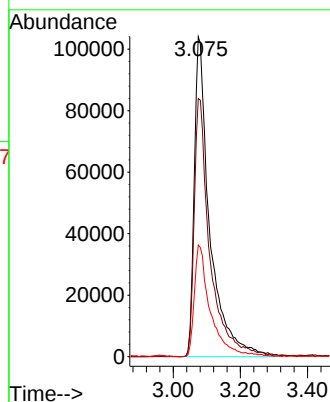
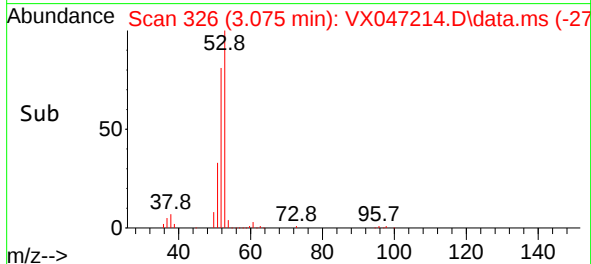
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



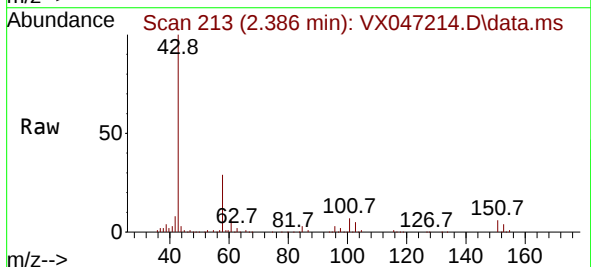
Tgt Ion: 53 Resp: 334539
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 36.3 28.8 43.2

Manual Integrations
APPROVED

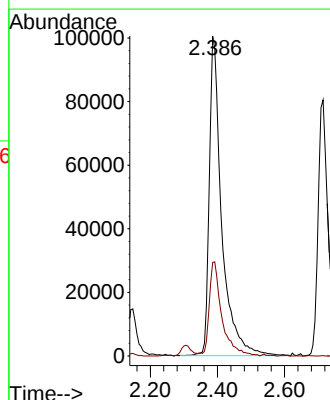
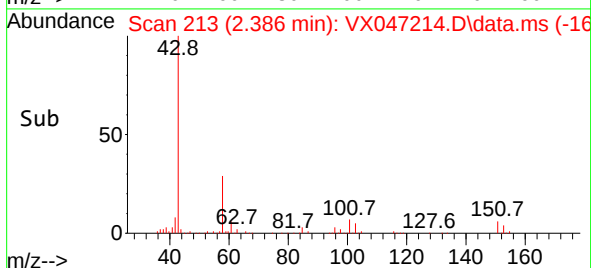
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

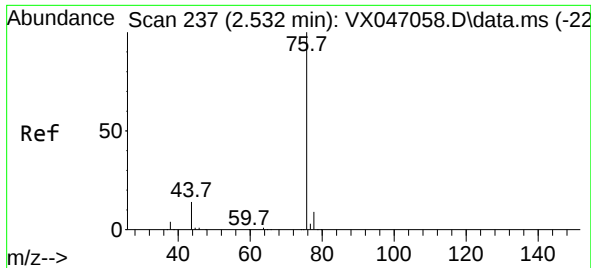


#16
Acetone
Concen: 203.321 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



Tgt Ion: 43 Resp: 257573
Ion Ratio Lower Upper
43 100
58 29.2 24.0 36.0





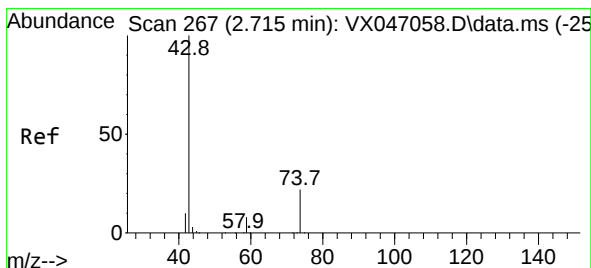
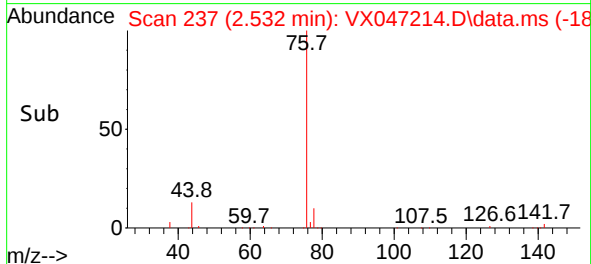
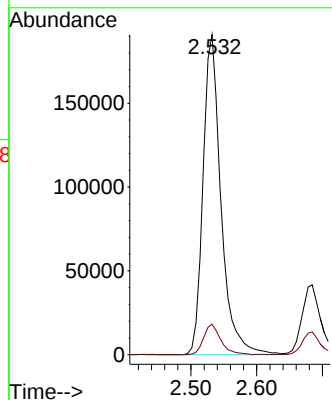
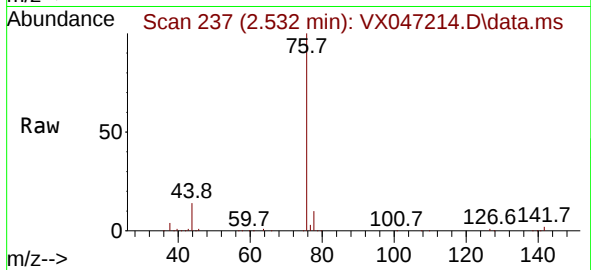
#17
Carbon Disulfide
Concen: 39.280 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 36253
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

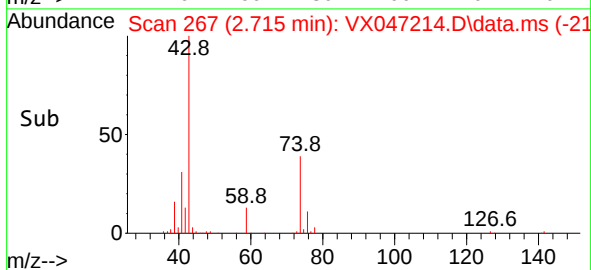
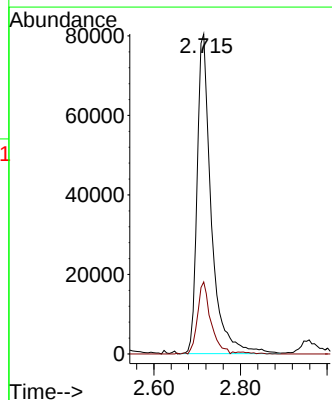
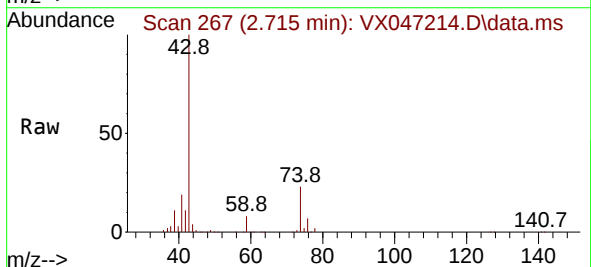
Manual Integrations
APPROVED

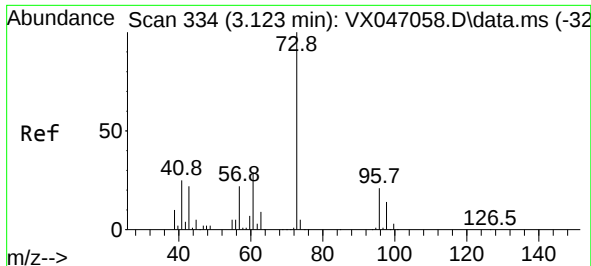
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#18
Methyl Acetate
Concen: 54.183 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

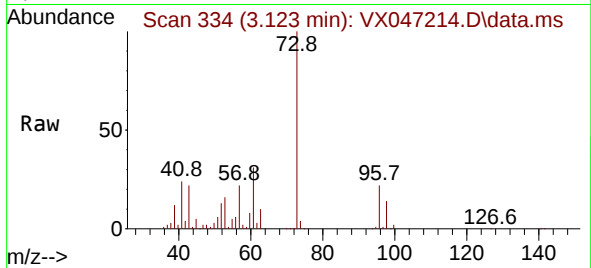
Tgt Ion: 43 Resp: 182412
Ion Ratio Lower Upper
43 100
74 21.2 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 47.741 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

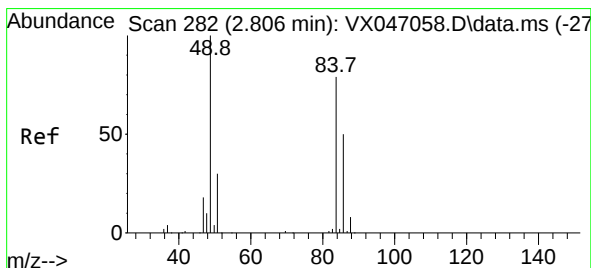
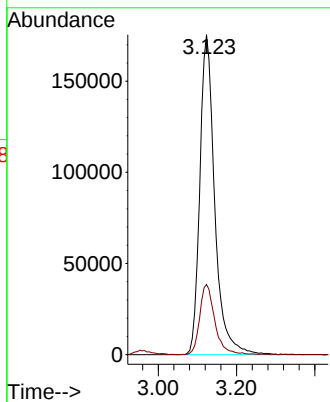
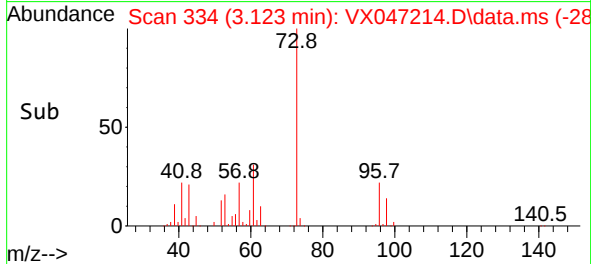
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 463538
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

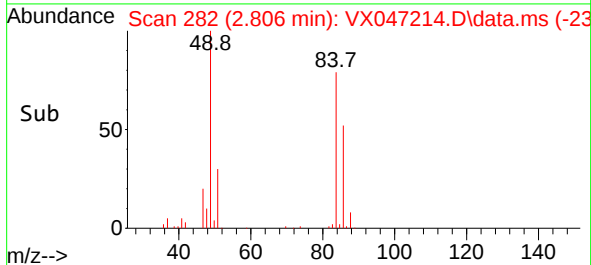
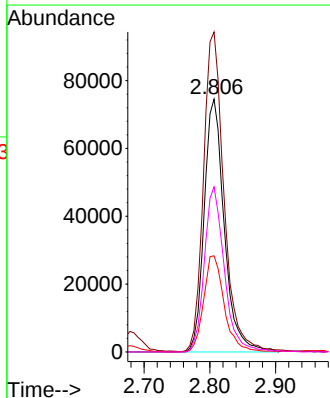
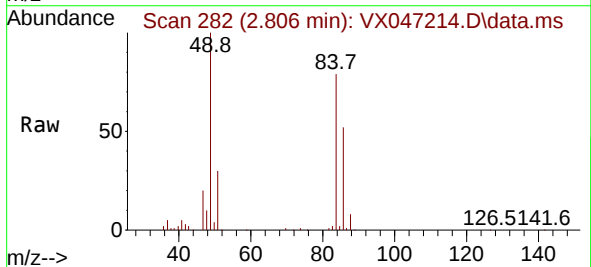
Manual Integrations
APPROVED

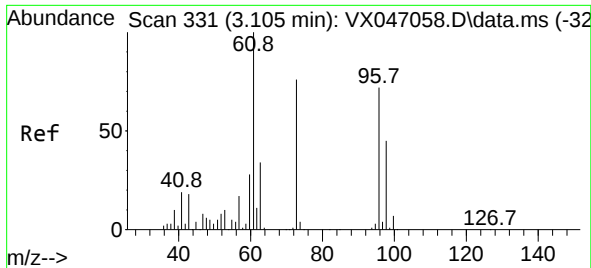
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#20
Methylene Chloride
Concen: 45.572 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

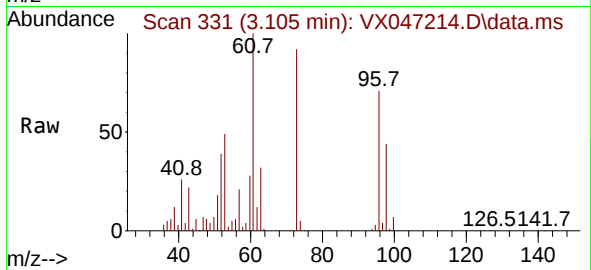
Tgt Ion: 84 Resp: 158827
Ion Ratio Lower Upper
84 100
49 126.4 101.6 152.4
51 38.0 30.3 45.5
86 66.5 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 46.067 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

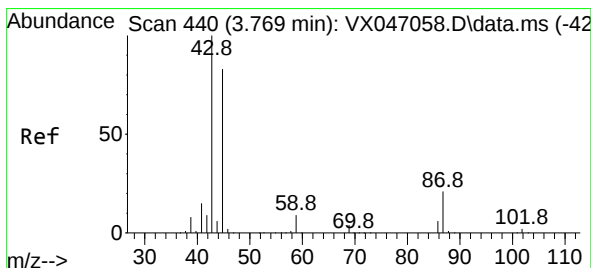
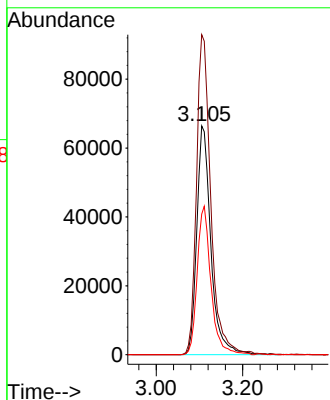
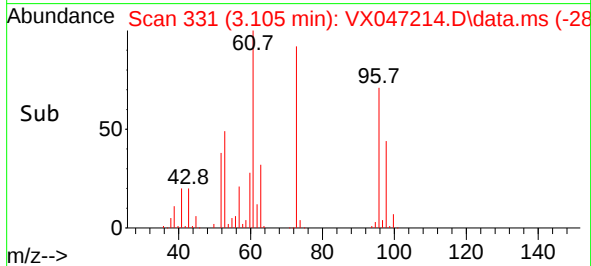
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 15039
Ion Ratio Lower Upper
96 100
61 139.9 111.1 166.7
98 61.5 49.6 74.4

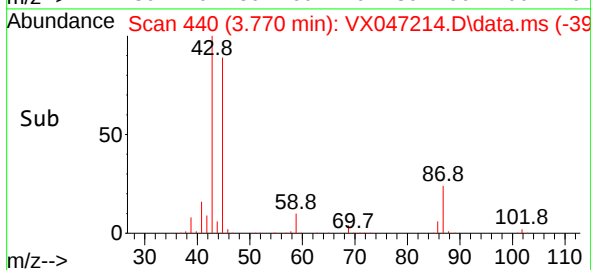
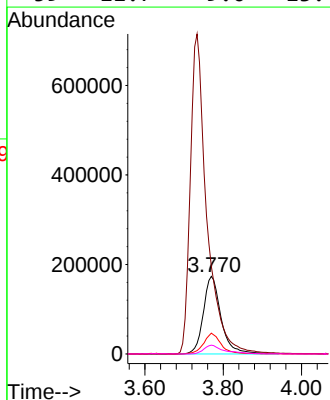
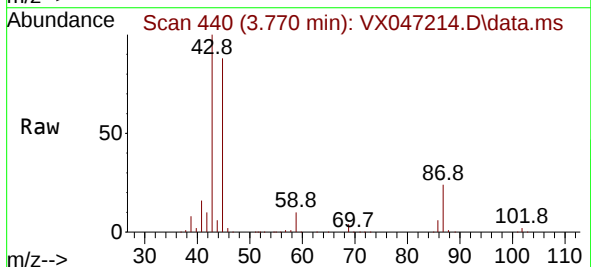
Manual Integrations
APPROVED

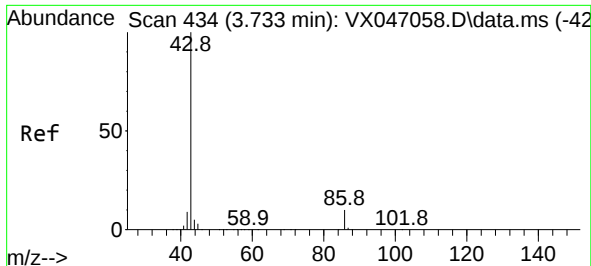
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#22
Diisopropyl ether
Concen: 49.118 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

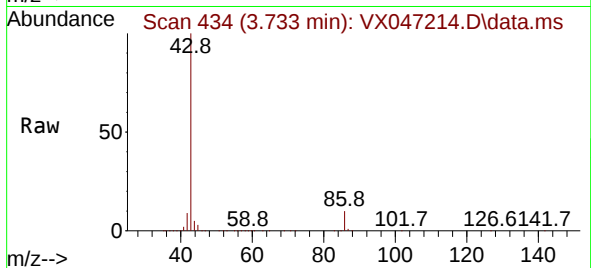
Tgt Ion: 45 Resp: 544600
Ion Ratio Lower Upper
45 100
43 112.5 96.8 145.2
87 26.8 20.5 30.7
59 11.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 236.532 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047214.D
 Acq: 01 Aug 2025 18:07

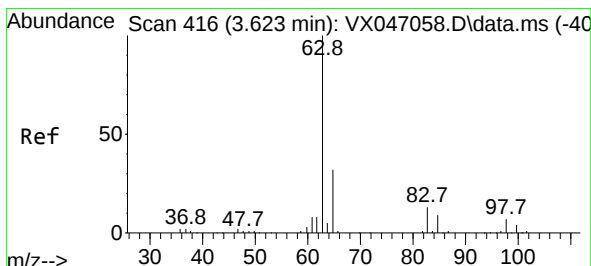
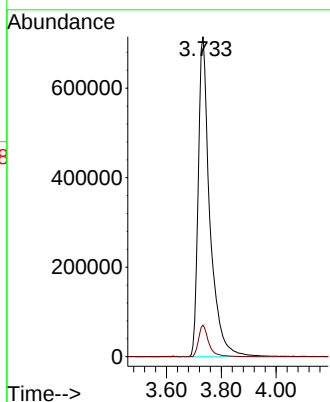
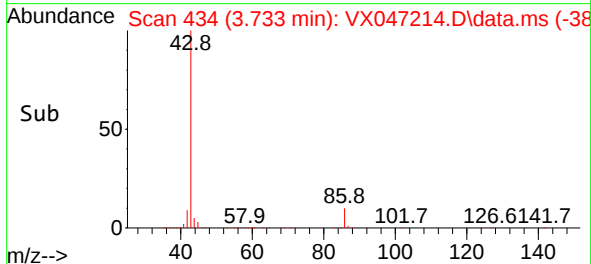
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



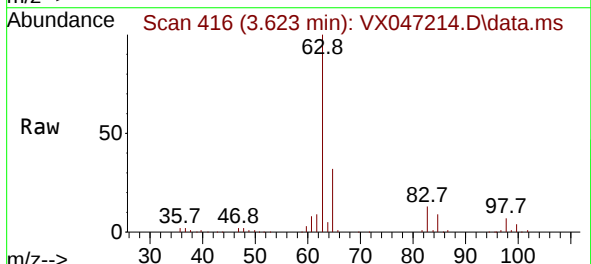
Tgt Ion: 43 Resp: 210346
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

Manual Integrations
 APPROVED

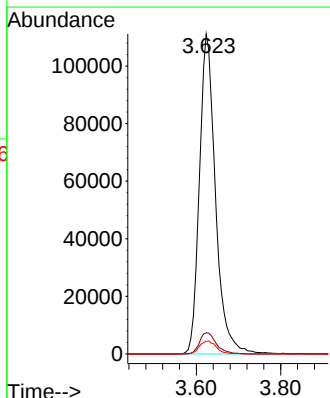
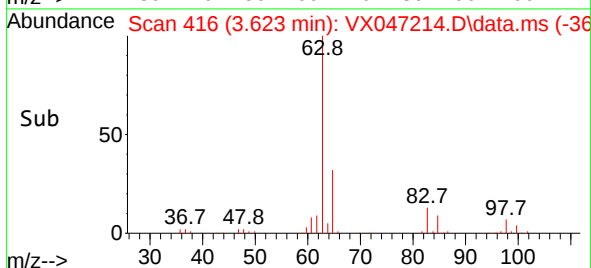
Reviewed By :John Carlone 08/04/2025
 Supervised By :Mahesh Dadoda 08/04/2025

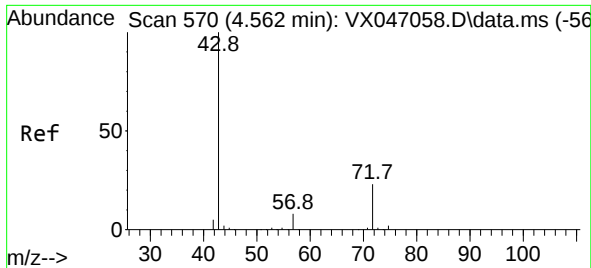


#24
 1,1-Dichloroethane
 Concen: 47.921 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047214.D
 Acq: 01 Aug 2025 18:07



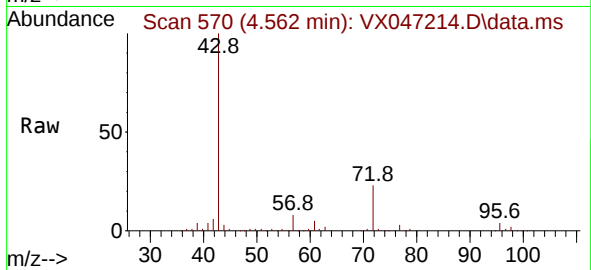
Tgt Ion: 63 Resp: 295457
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 210.232 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

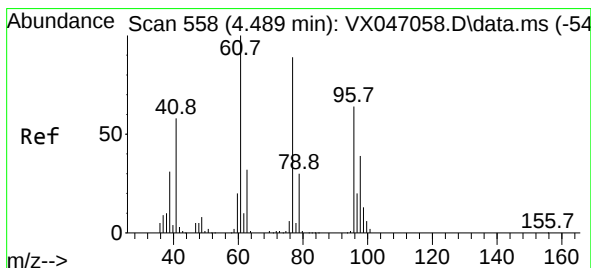
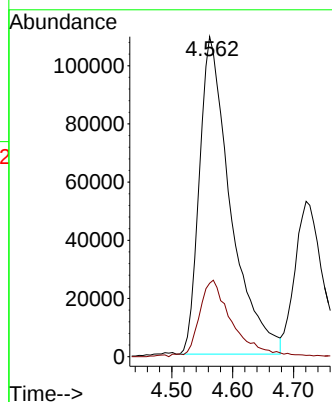
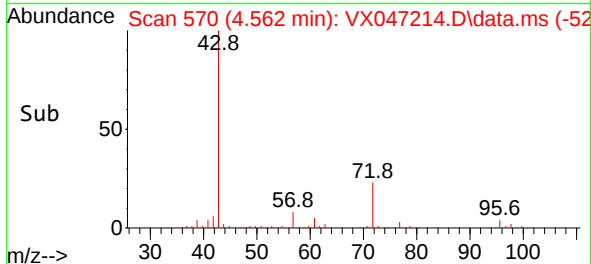
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 387798
Ion Ratio Lower Upper
43 100
72 22.4 18.8 28.2

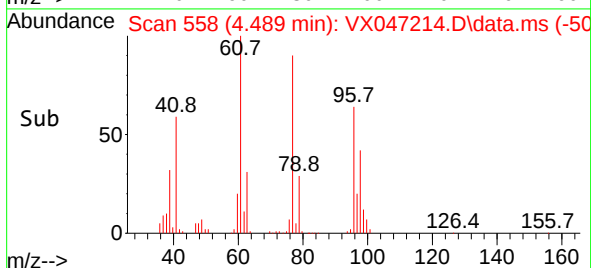
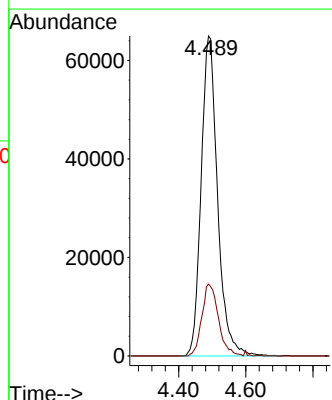
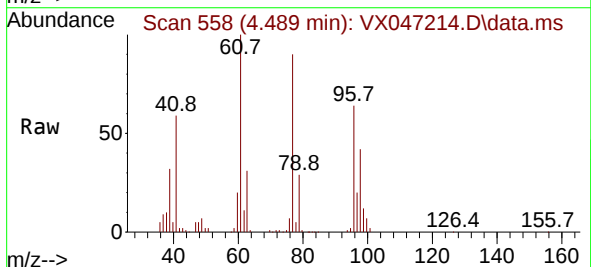
Manual Integrations
APPROVED

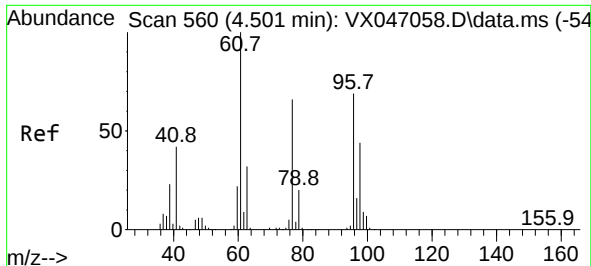
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#26
2,2-Dichloropropane
Concen: 46.185 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

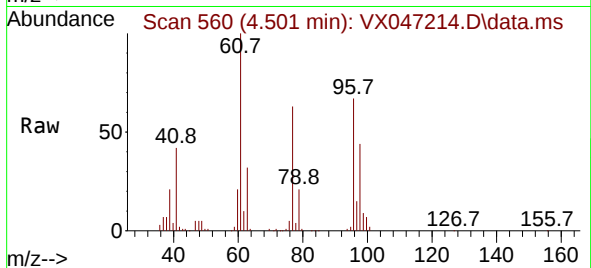
Tgt Ion: 77 Resp: 220426
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 47.241 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: VX047214.D
 Acq: 01 Aug 2025 18:07

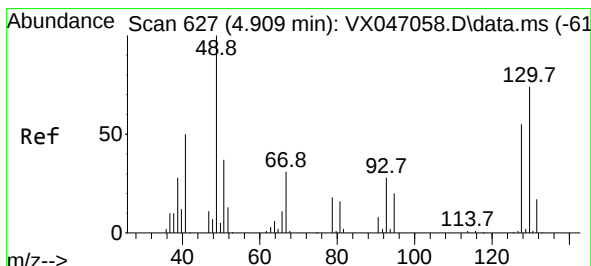
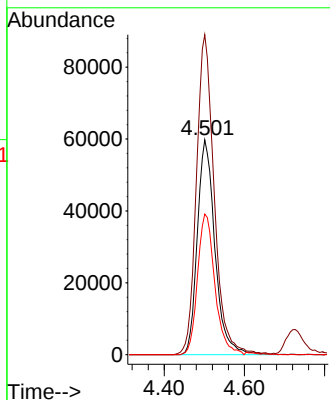
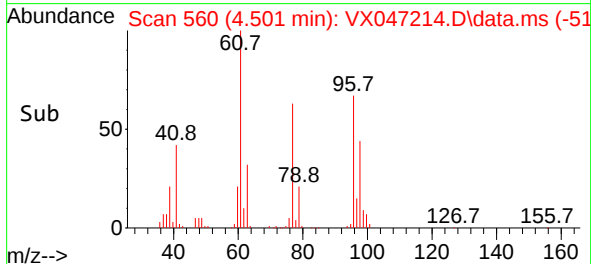
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



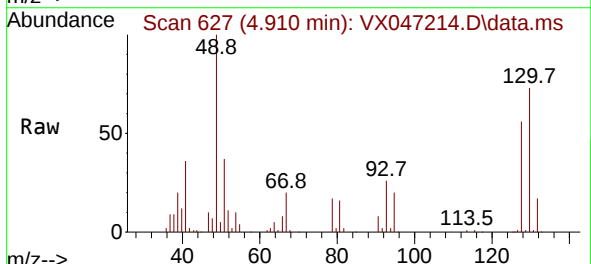
Tgt Ion: 96 Resp: 182632
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 298.6
 98 64.4 0.0 128.8

Manual Integrations
 APPROVED

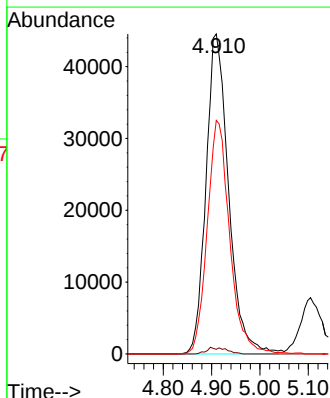
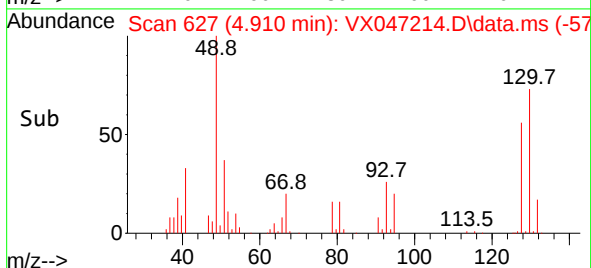
Reviewed By :John Carlone 08/04/2025
 Supervised By :Mahesh Dadoda 08/04/2025

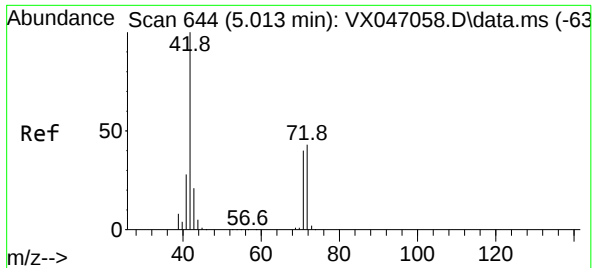


#28
 Bromochloromethane
 Concen: 50.919 ug/l
 RT: 4.910 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VX047214.D
 Acq: 01 Aug 2025 18:07



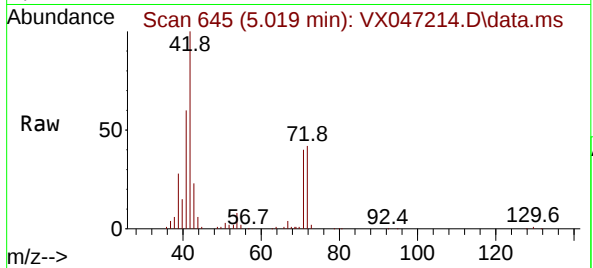
Tgt Ion: 49 Resp: 144433
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.8
 130 72.6 59.0 88.4





#29
Tetrahydrofuran
Concen: 210.612 ug/l
RT: 5.019 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

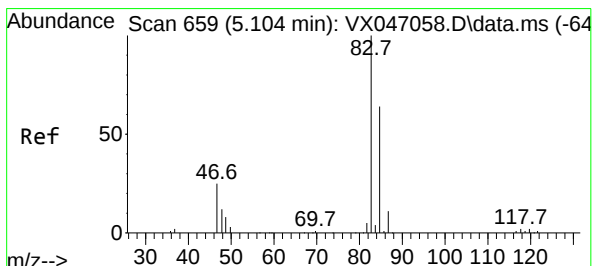
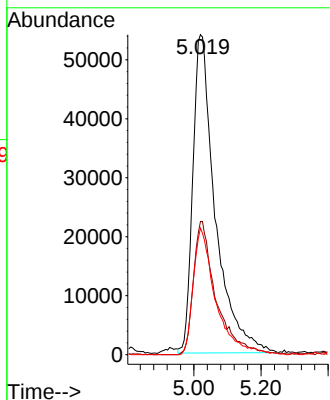
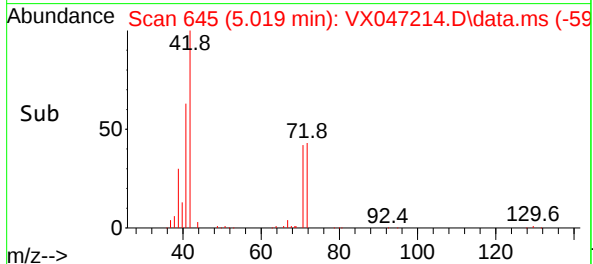
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 250664
Ion Ratio Lower Upper
42 100
72 42.3 33.7 50.5
71 39.6 31.0 46.4

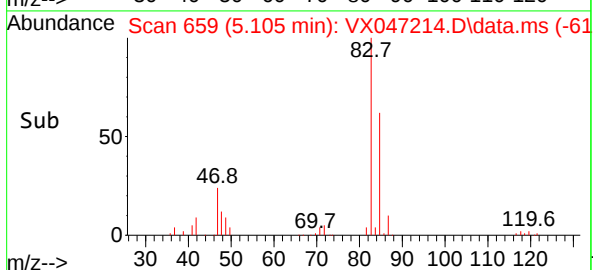
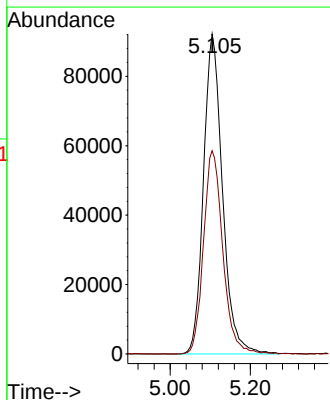
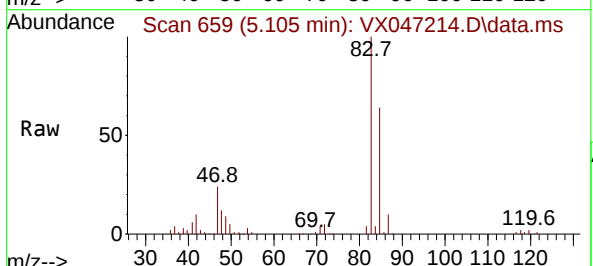
Manual Integrations
APPROVED

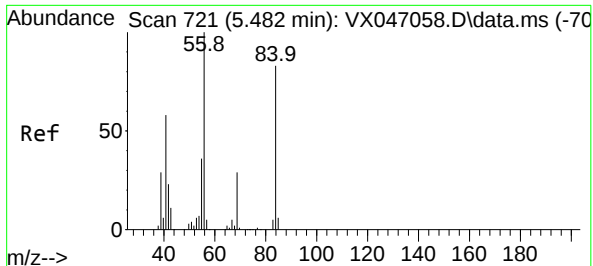
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#30
Chloroform
Concen: 48.315 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

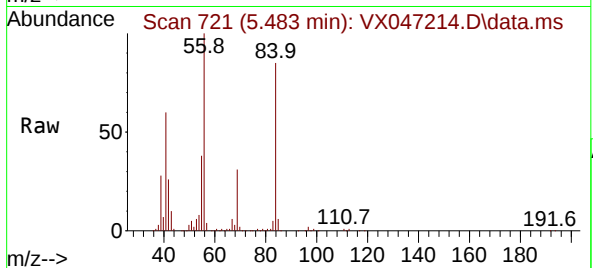
Tgt Ion: 83 Resp: 303226
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3





#31
Cyclohexane
Concen: 43.523 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

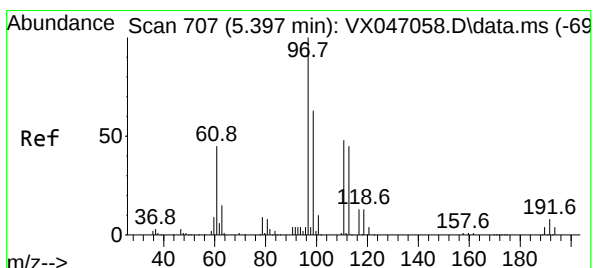
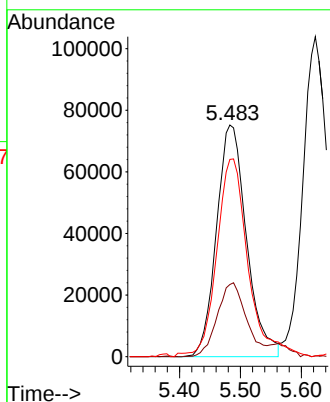
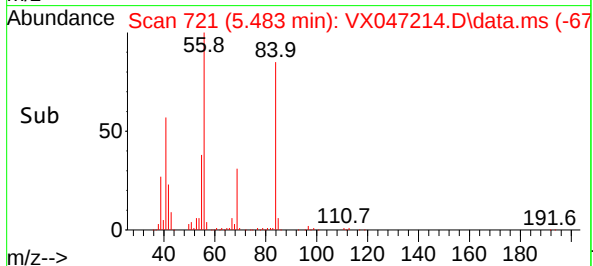
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 257295
Ion Ratio Lower Upper
56 100
69 31.1 23.3 34.9
84 83.6 66.5 99.7

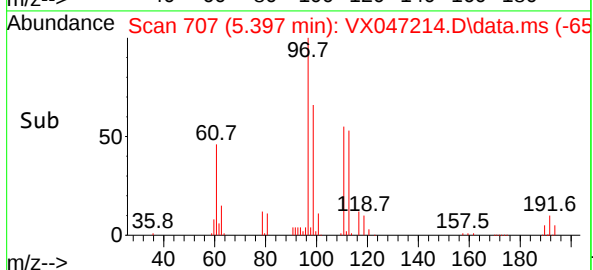
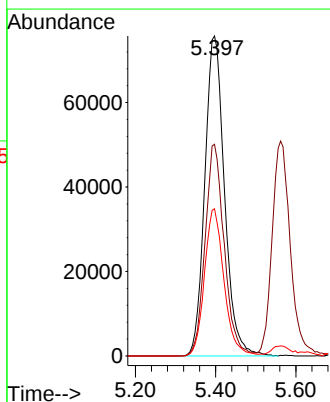
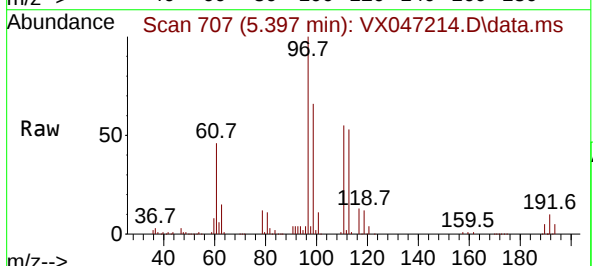
Manual Integrations
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Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#32
1,1,1-Trichloroethane
Concen: 47.529 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Tgt Ion: 97 Resp: 259092
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 45.5 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 46.238 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 146220

Ion Ratio Lower Upper

65 100

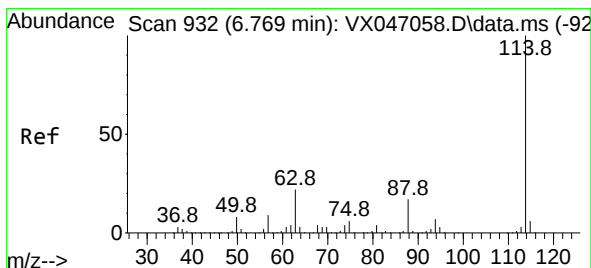
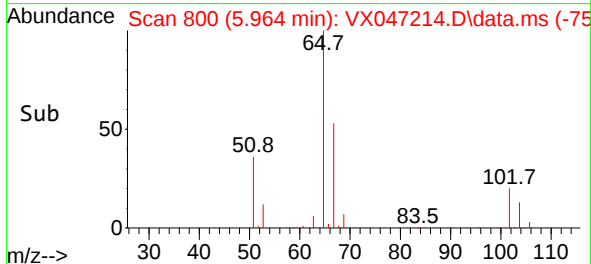
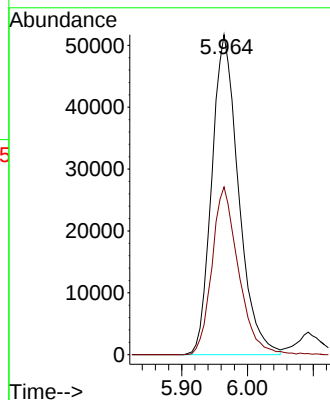
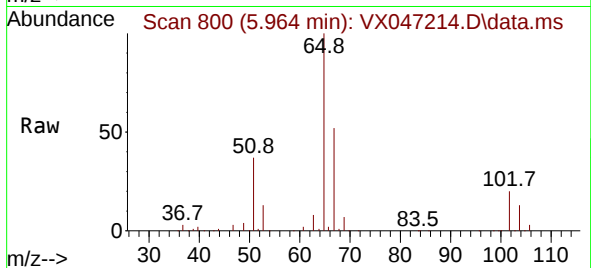
67 51.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

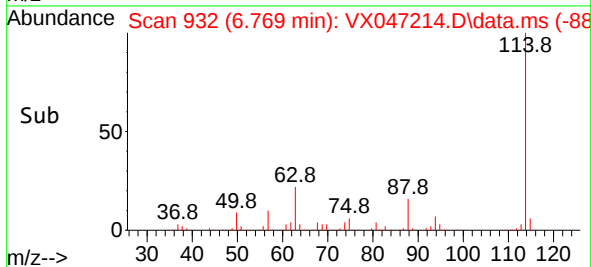
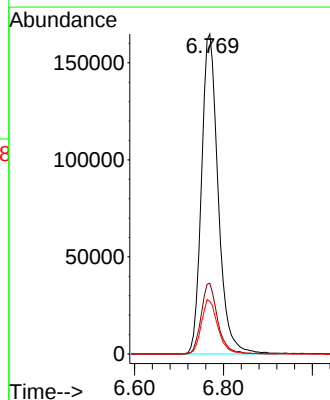
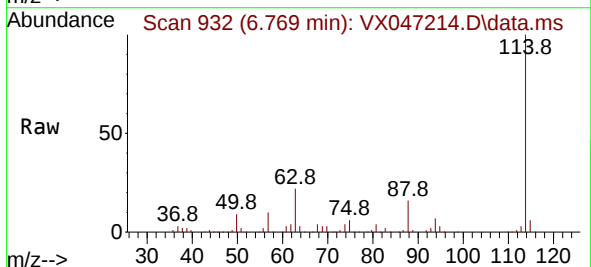
Tgt Ion:114 Resp: 430781

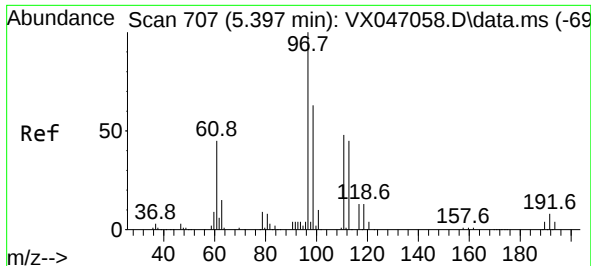
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

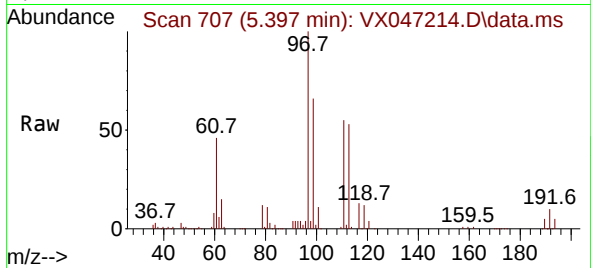
88 16.4 0.0 33.8





#35
Dibromofluoromethane
Concen: 48.963 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

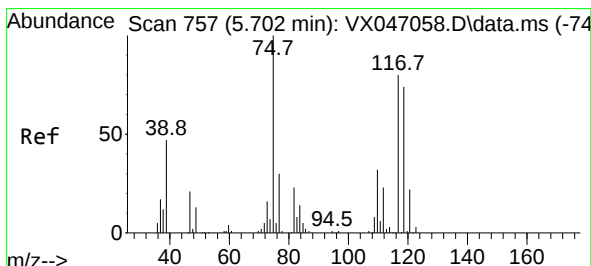
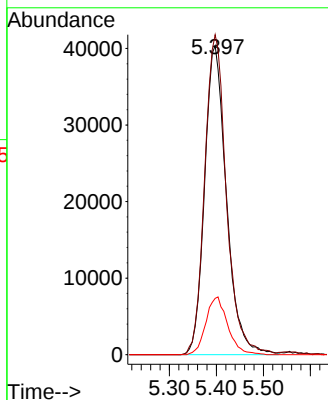
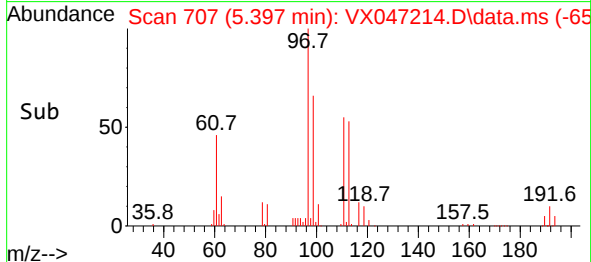
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 130230
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 18.7 14.9 22.3

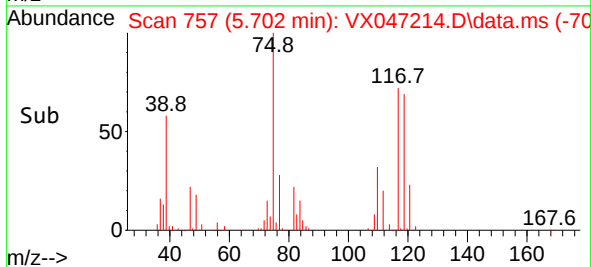
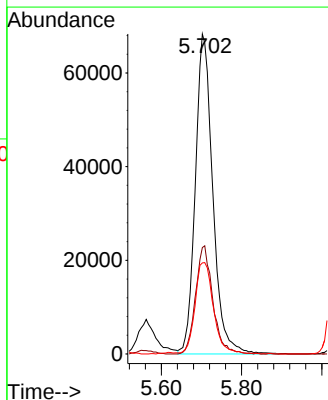
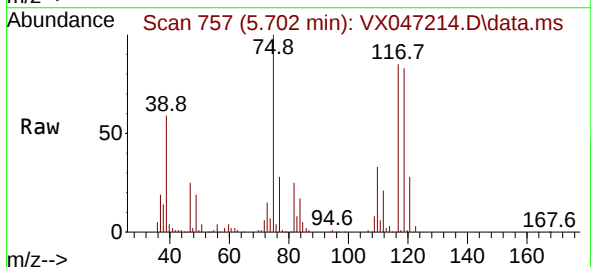
Manual Integrations
APPROVED

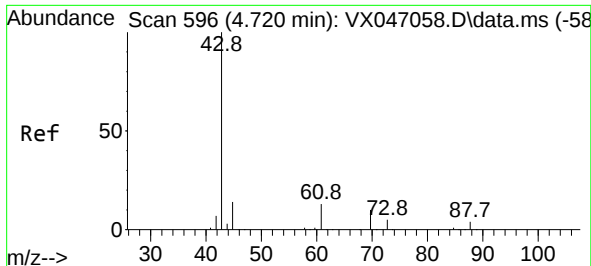
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#36
1,1-Dichloropropene
Concen: 45.565 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Tgt Ion: 75 Resp: 206585
Ion Ratio Lower Upper
75 100
110 33.3 17.2 51.5
77 30.2 25.1 37.7





#37

Ethyl Acetate

Concen: 43.101 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 180060

Ion Ratio Lower Upper

43 100

61 13.4 10.2 15.2

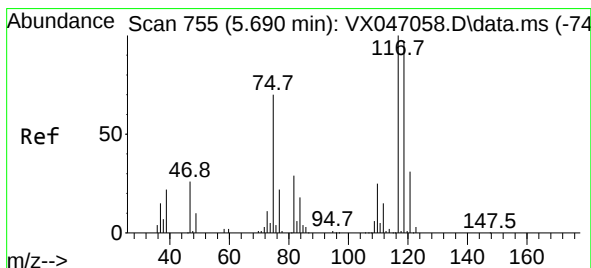
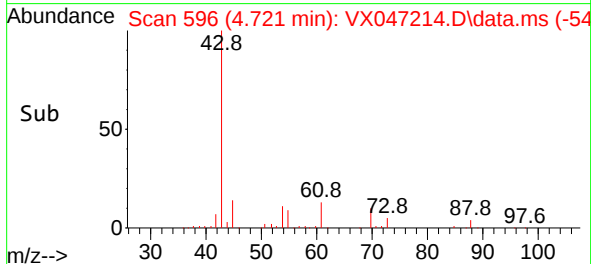
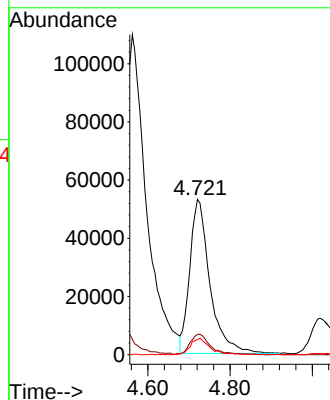
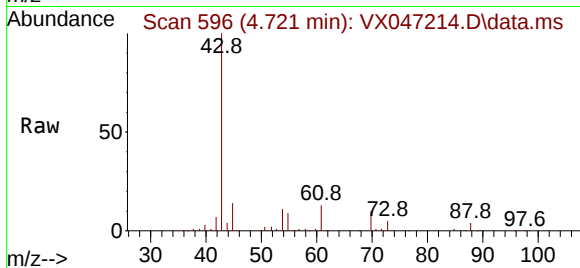
70 10.3 8.1 12.1

Manual Integrations

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Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#38

Carbon Tetrachloride

Concen: 46.905 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

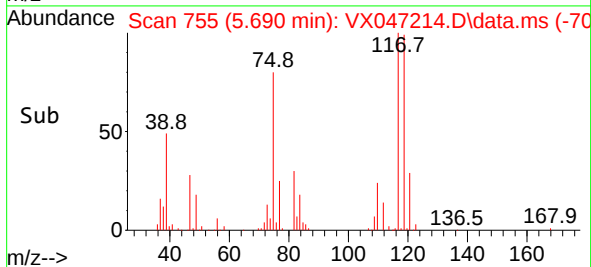
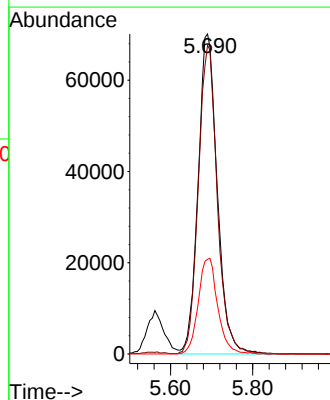
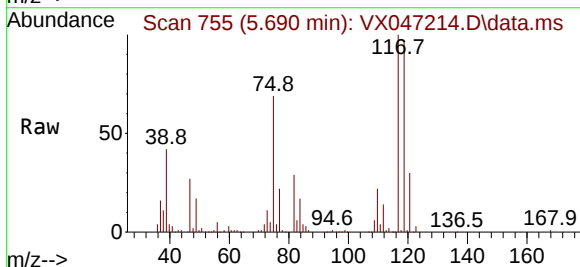
Tgt Ion:117 Resp: 226978

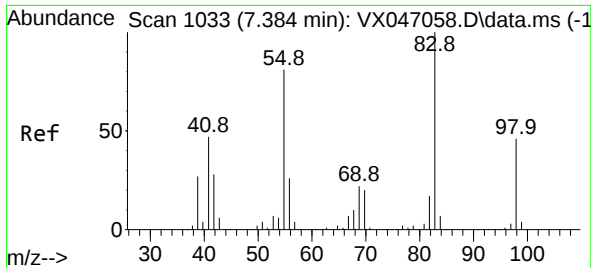
Ion Ratio Lower Upper

117 100

119 96.6 76.6 115.0

121 29.6 24.4 36.6





#39

Methylcyclohexane

Concen: 44.475 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 251760

Ion Ratio Lower Upper

83 100

55 80.3 64.5 96.7

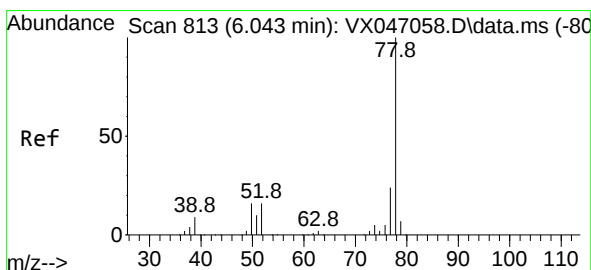
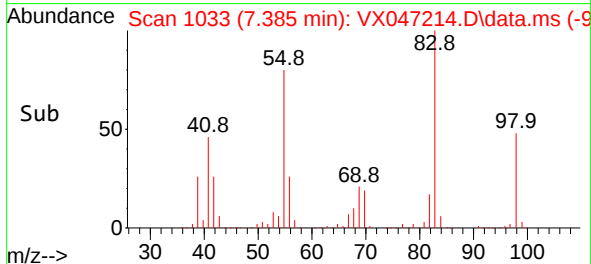
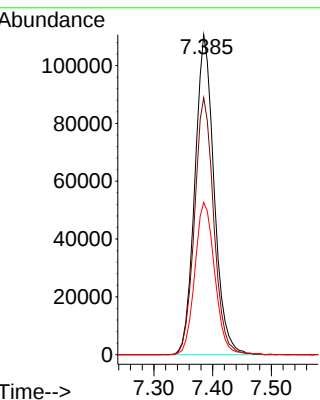
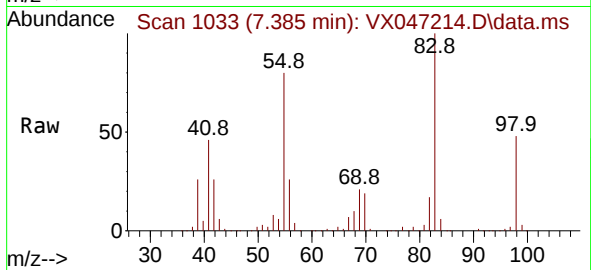
98 47.5 36.9 55.3

Manual Integrations

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Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#40

Benzene

Concen: 46.753 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX047214.D

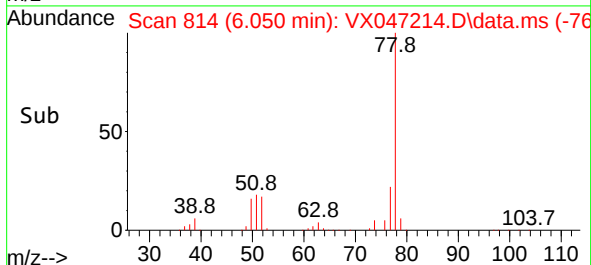
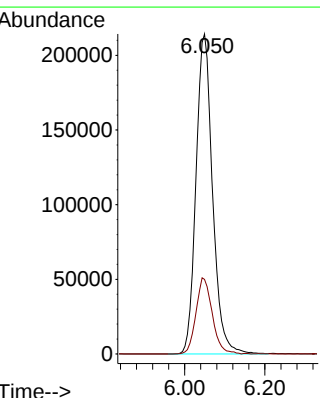
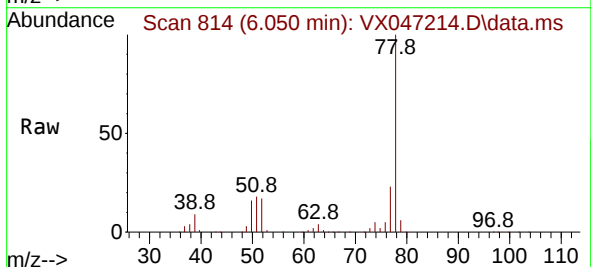
Acq: 01 Aug 2025 18:07

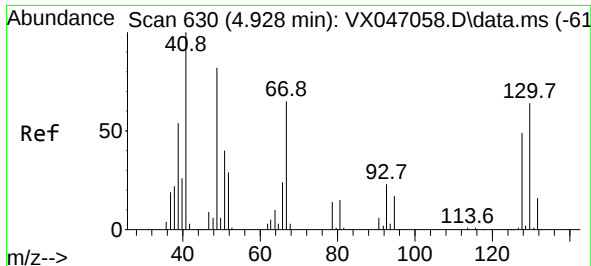
Tgt Ion: 78 Resp: 613443

Ion Ratio Lower Upper

78 100

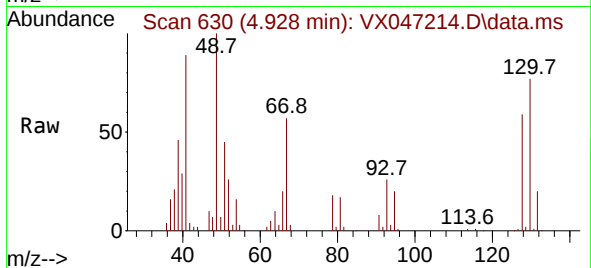
77 23.3 19.0 28.4





#41
Methacrylonitrile
Concen: 43.583 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

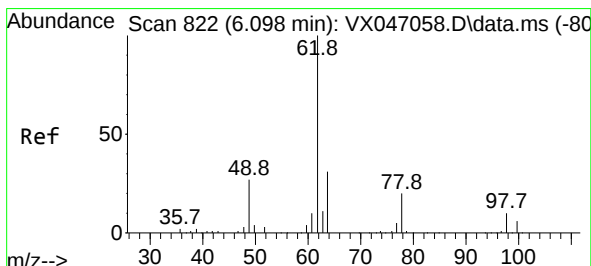
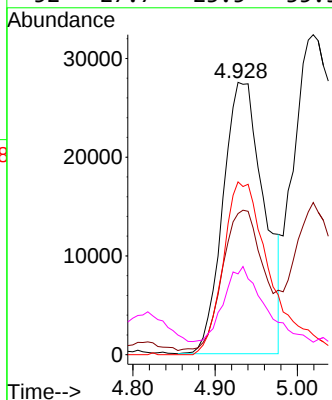
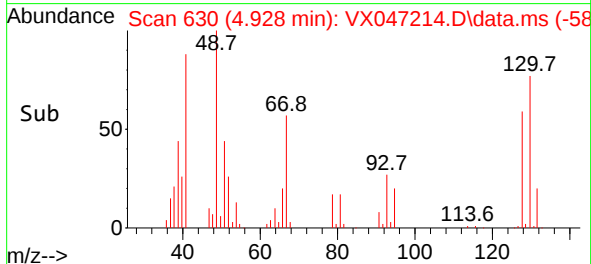
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 9520
Ion Ratio Lower Upper
41 100
39 50.4 44.2 66.2
67 73.1 56.4 84.6
52 27.7 23.5 35.3

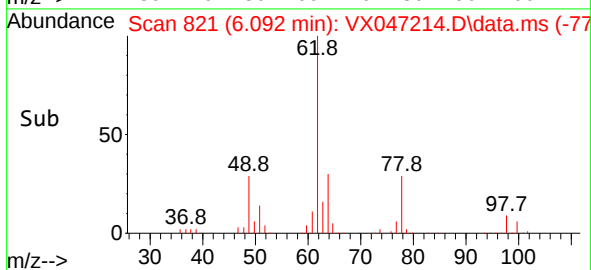
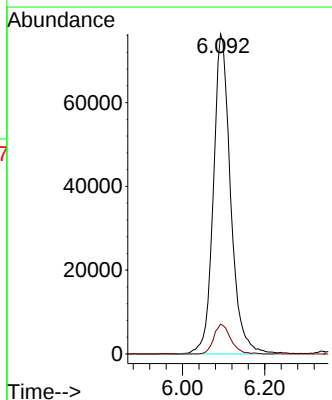
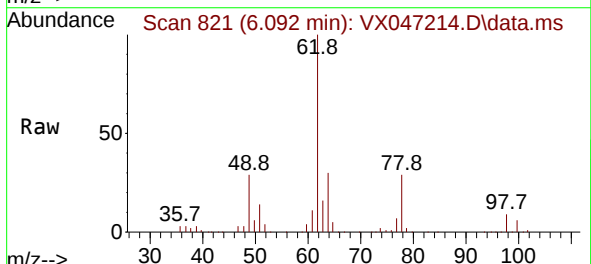
Manual Integrations
APPROVED

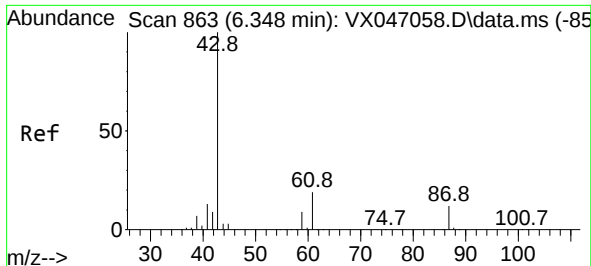
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#42
1,2-Dichloroethane
Concen: 48.063 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Tgt Ion: 62 Resp: 222146
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.8





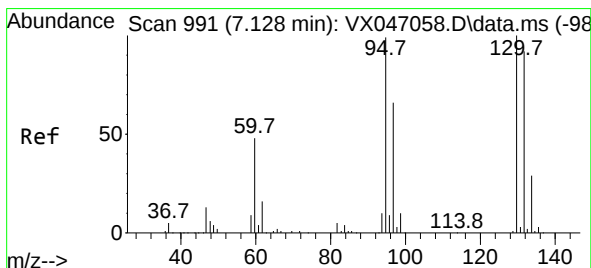
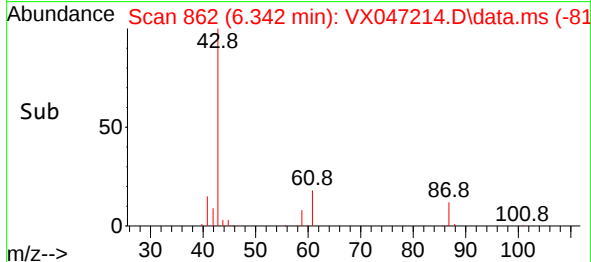
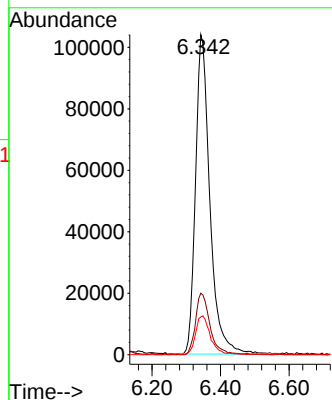
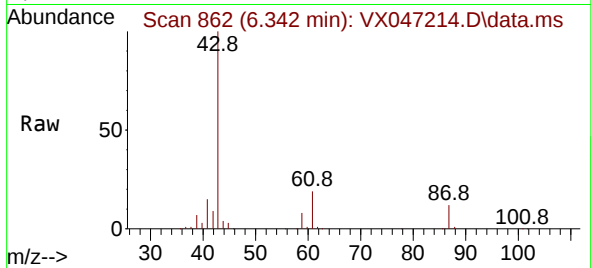
#43
Isopropyl Acetate
Concen: 46.447 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 302510
Ion Ratio Lower Upper
43 100
61 19.5 15.1 22.7
87 12.6 9.7 14.5

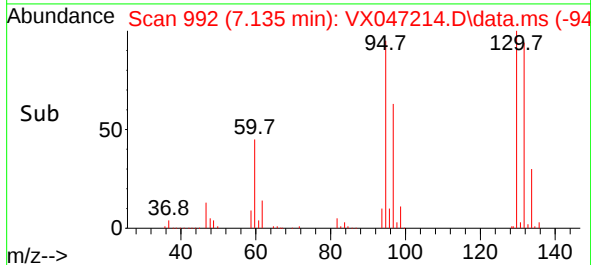
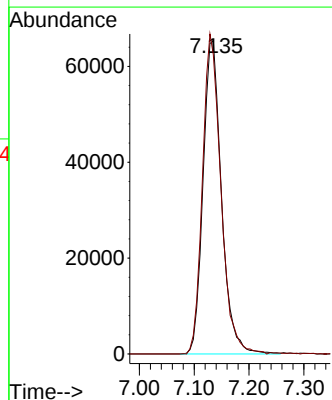
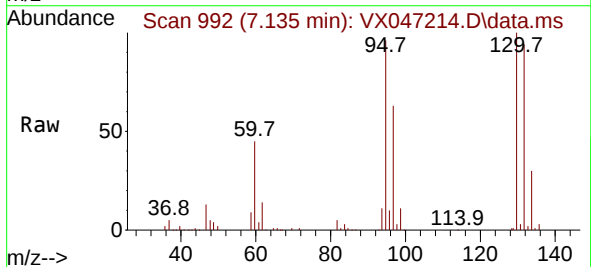
Manual Integrations
APPROVED

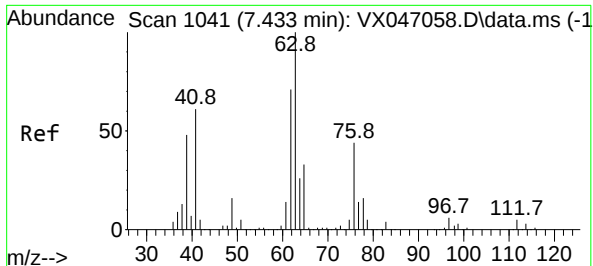
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#44
Trichloroethene
Concen: 45.395 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Tgt Ion:130 Resp: 152737
Ion Ratio Lower Upper
130 100
95 95.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 47.677 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 15667

Ion Ratio Lower Upper

63 100

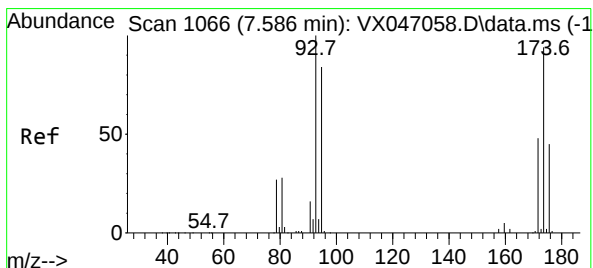
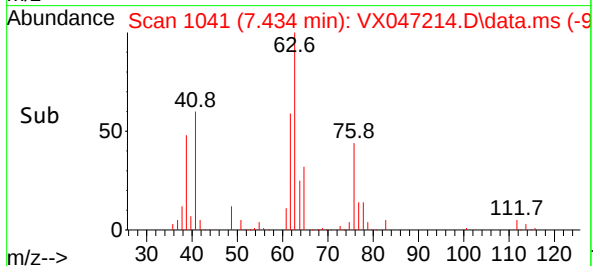
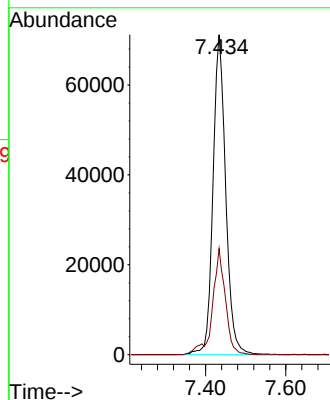
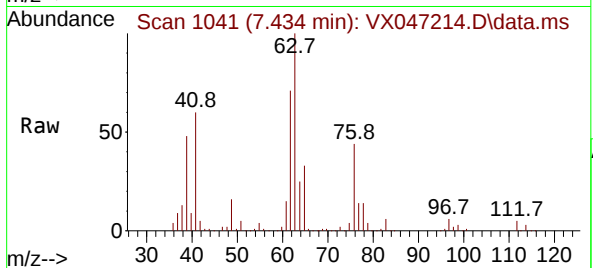
65 33.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#46

Dibromomethane

Concen: 48.704 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

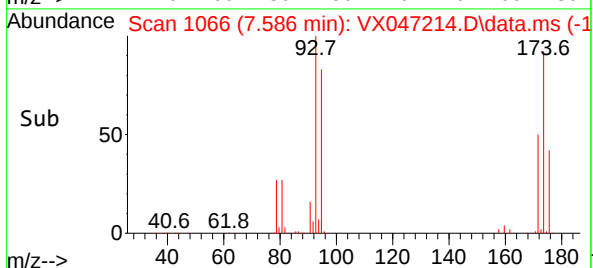
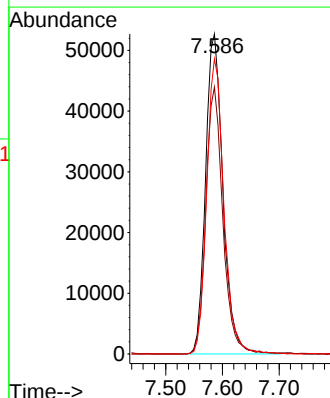
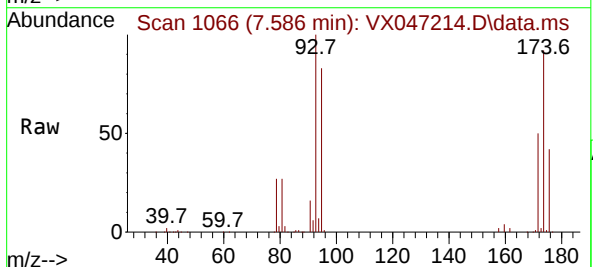
Tgt Ion: 93 Resp: 112238

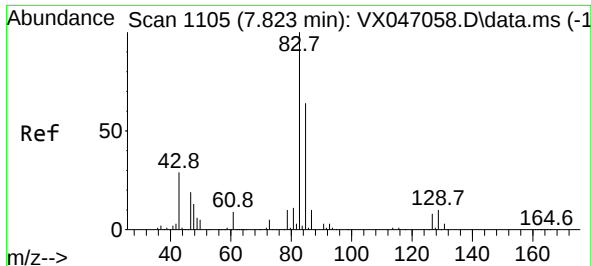
Ion Ratio Lower Upper

93 100

95 82.1 65.9 98.9

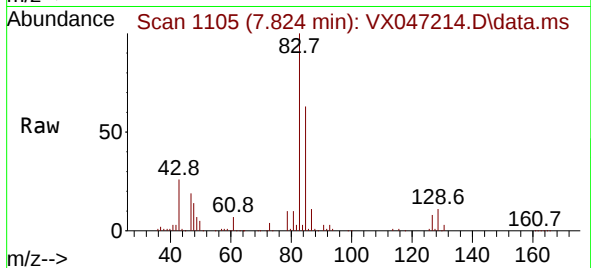
174 91.4 74.6 112.0





#47
Bromodichloromethane
Concen: 49.127 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

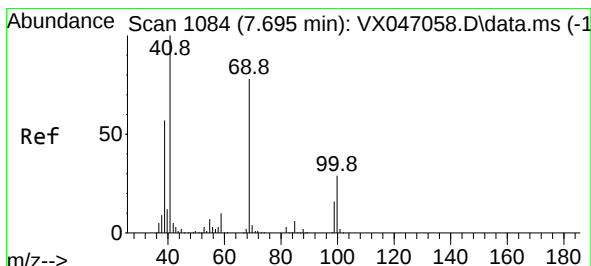
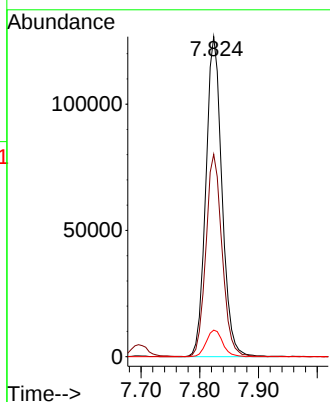
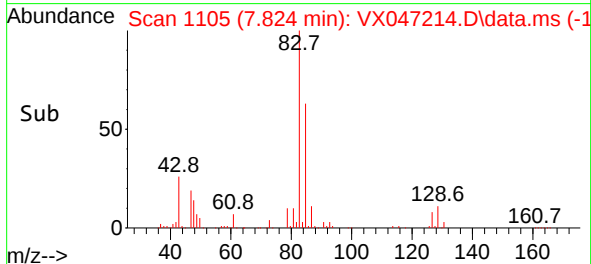
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 240975
Ion Ratio Lower Upper
83 100
85 63.2 49.9 74.9
127 8.3 6.6 10.0

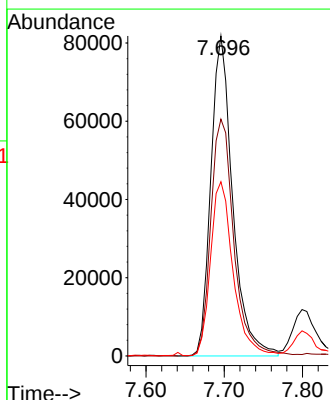
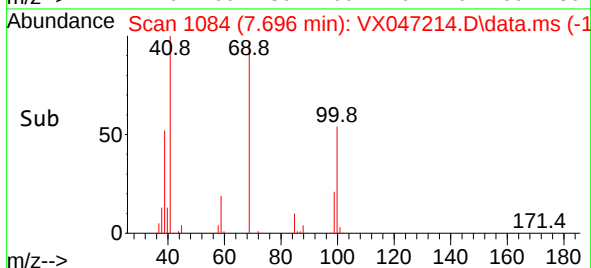
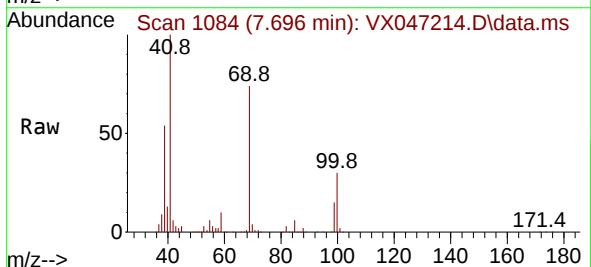
Manual Integrations
APPROVED

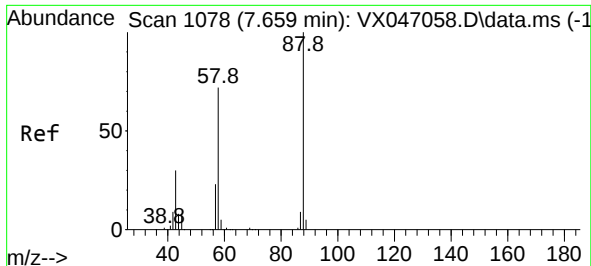
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#48
Methyl methacrylate
Concen: 44.822 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Tgt Ion: 41 Resp: 159032
Ion Ratio Lower Upper
41 100
69 78.2 62.3 93.5
39 55.9 44.8 67.2





#49

1,4-Dioxane

Concen: 757.045 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.067 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 30550

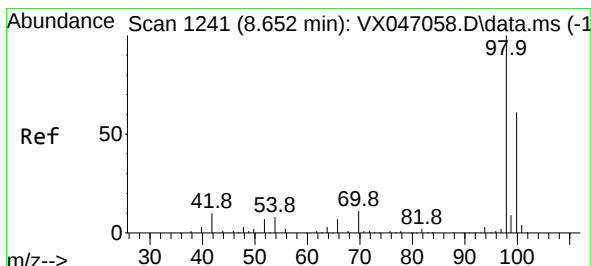
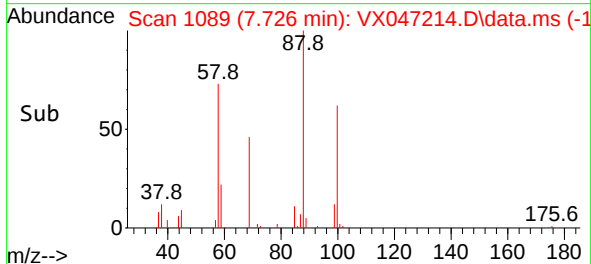
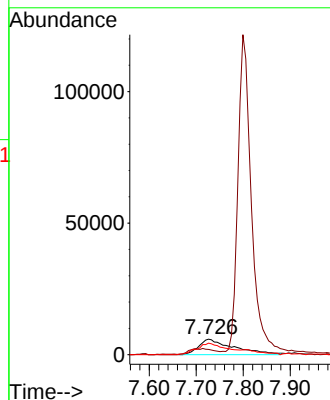
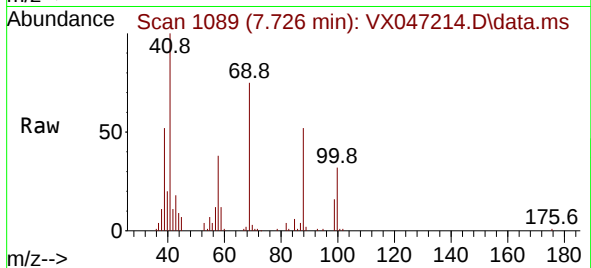
Ion	Ratio	Lower	Upper
88	100		
43	0.0	33.6	50.4
58	61.5	58.8	88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#50

Toluene-d8

Concen: 45.058 ug/l

RT: 8.647 min Scan# 1240

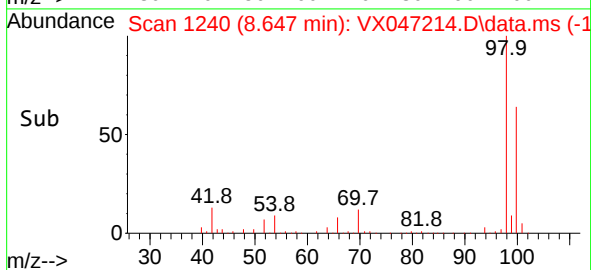
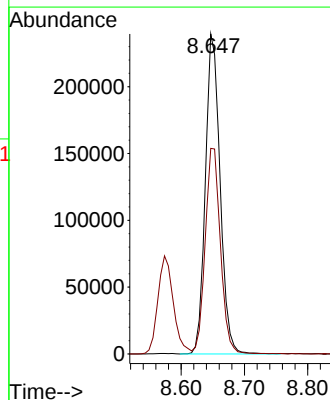
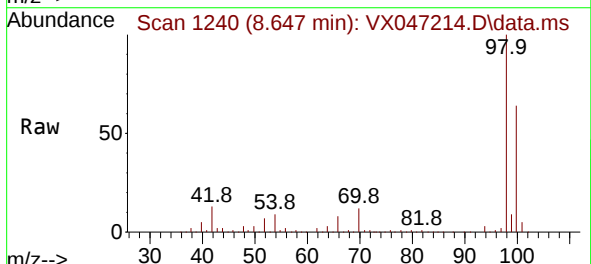
Delta R.T. -0.006 min

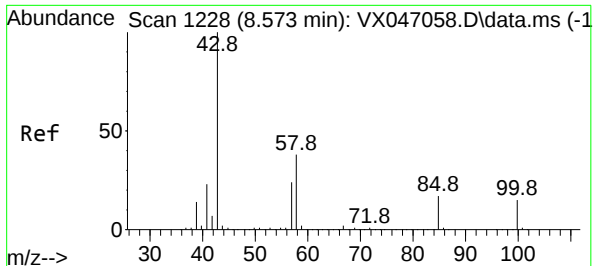
Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Tgt Ion: 98 Resp: 388112

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9





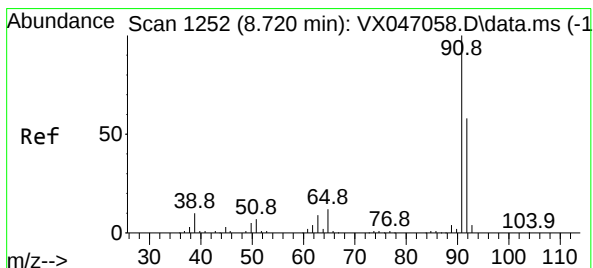
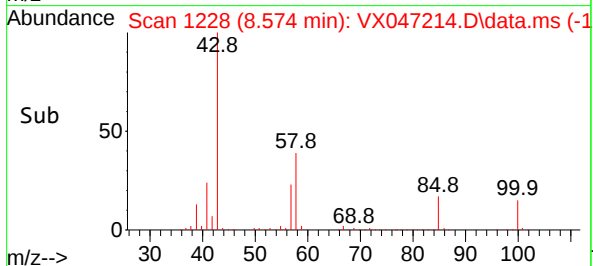
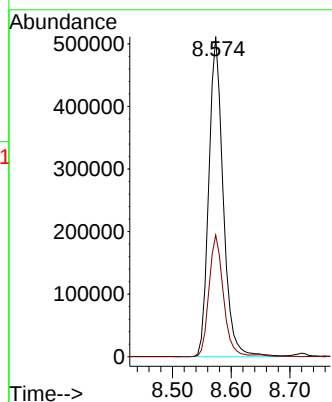
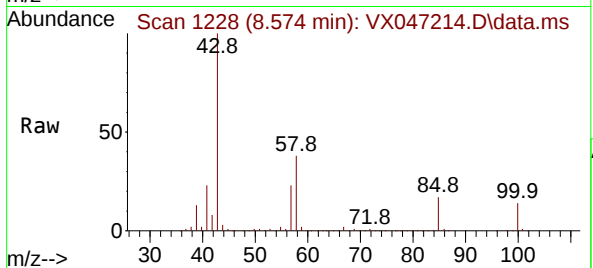
#51
4-Methyl-2-Pentanone
Concen: 224.432 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 868822
Ion Ratio Lower Upper
43 100
58 38.0 30.6 45.8

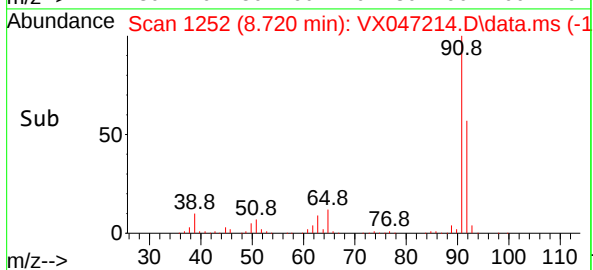
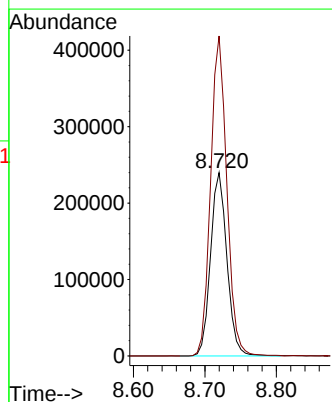
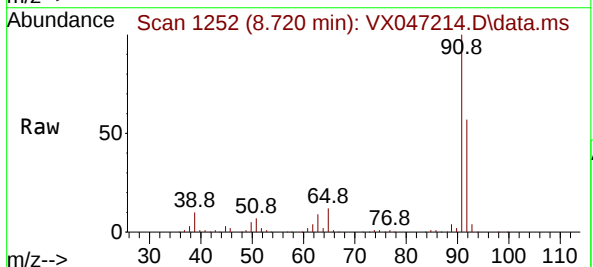
Manual Integrations
APPROVED

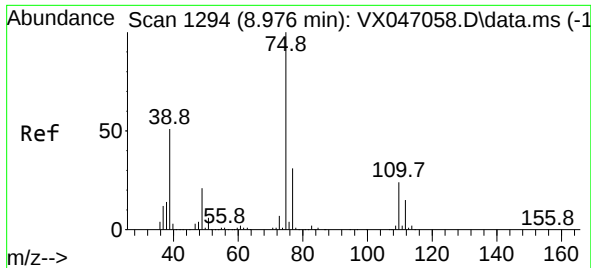
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#52
Toluene
Concen: 47.333 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

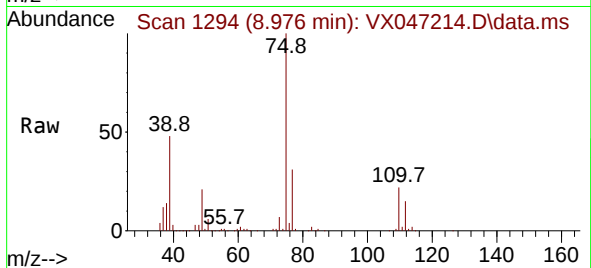
Tgt Ion: 92 Resp: 381875
Ion Ratio Lower Upper
92 100
91 172.6 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 48.206 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

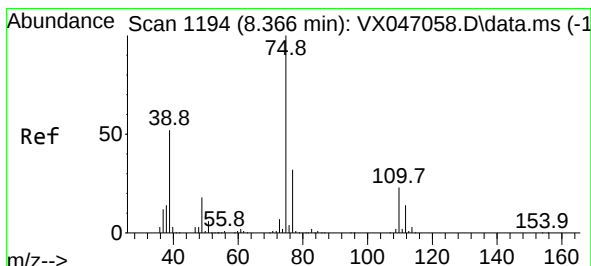
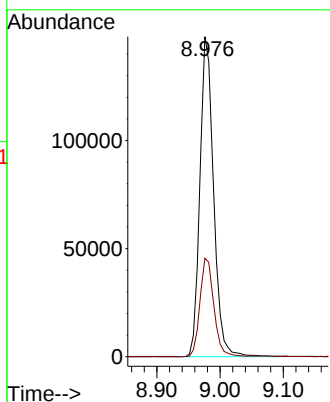
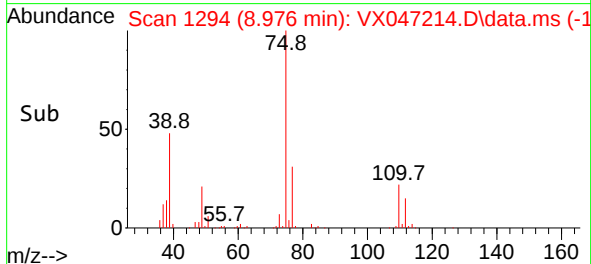
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



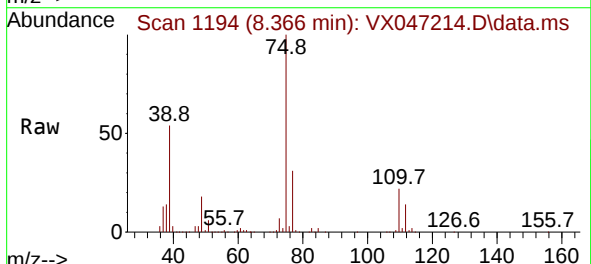
Tgt Ion: 75 Resp: 223289
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7

Manual Integrations
APPROVED

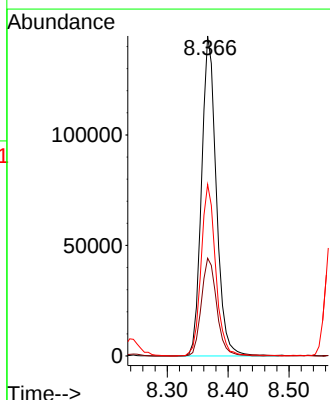
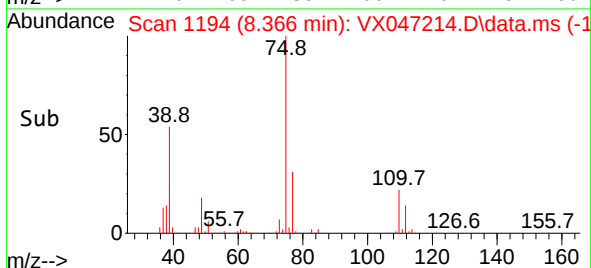
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

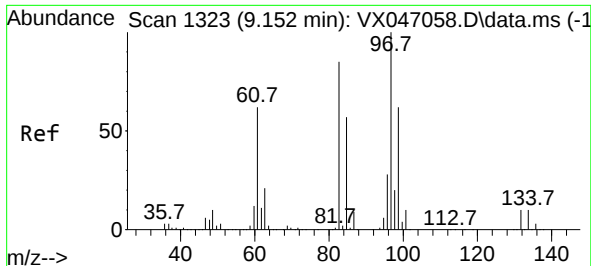


#54
cis-1,3-Dichloropropene
Concen: 48.007 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



Tgt Ion: 75 Resp: 243377
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 53.4 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 48.634 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 14714

Ion Ratio Lower Upper

97 100

83 86.3 68.0 102.0

85 54.7 45.2 67.8

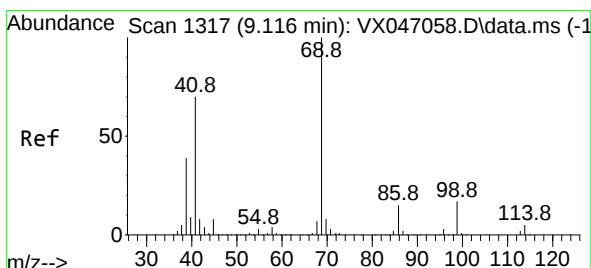
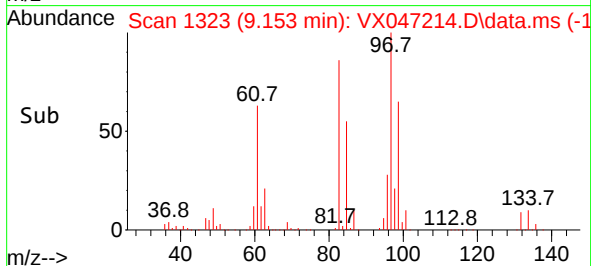
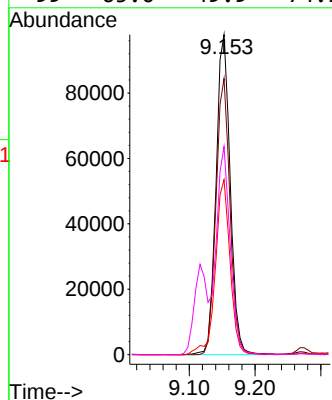
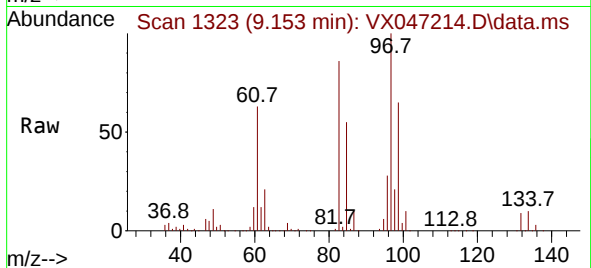
99 65.0 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#56

Ethyl methacrylate

Concen: 49.327 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

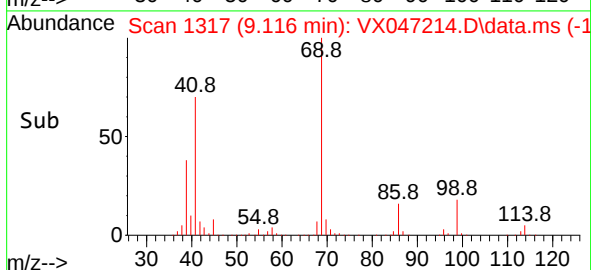
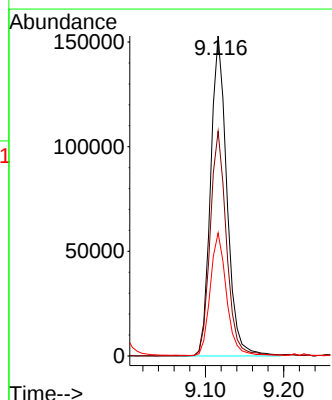
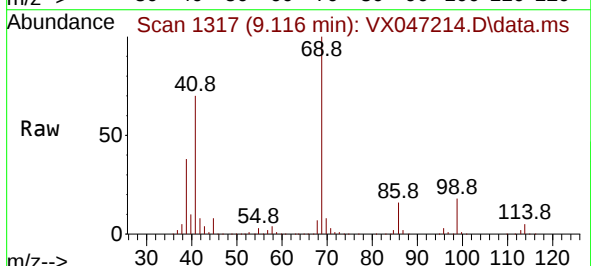
Tgt Ion: 69 Resp: 220946

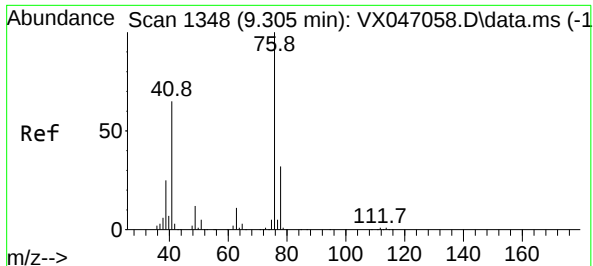
Ion Ratio Lower Upper

69 100

41 70.0 56.1 84.1

39 37.9 31.1 46.7





#57

1,3-Dichloropropane

Concen: 47.908 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 25192

Ion Ratio Lower Upper

76 100

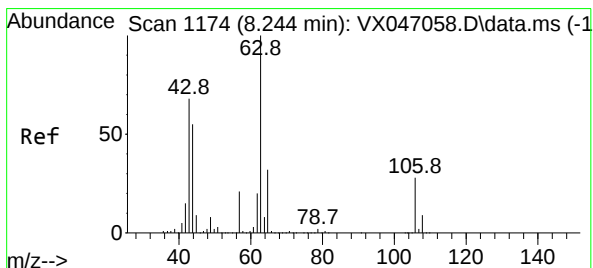
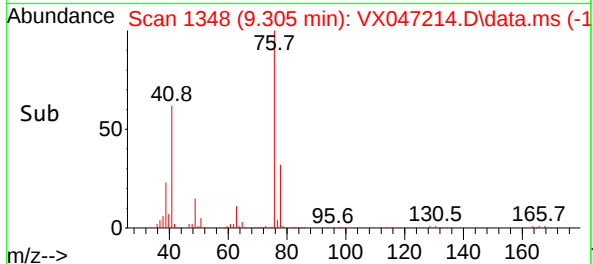
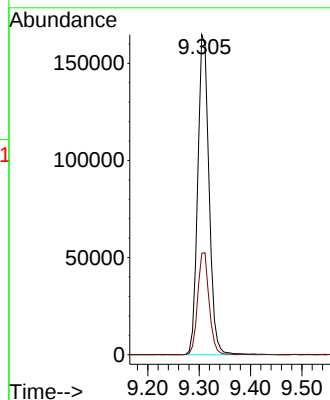
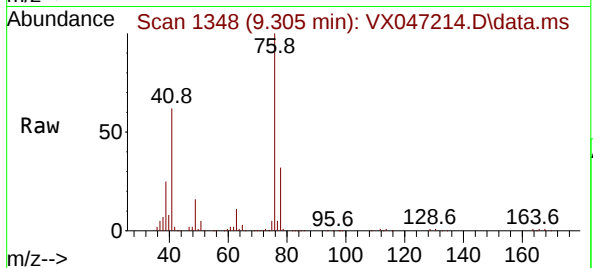
78 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 231.079 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047214.D

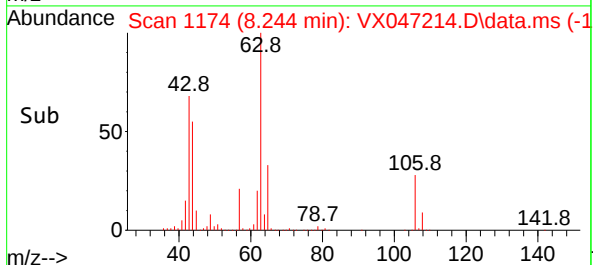
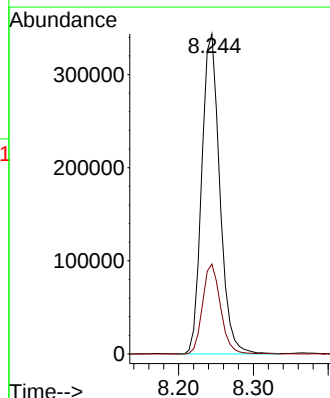
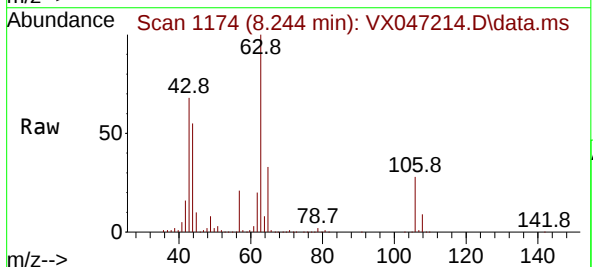
Acq: 01 Aug 2025 18:07

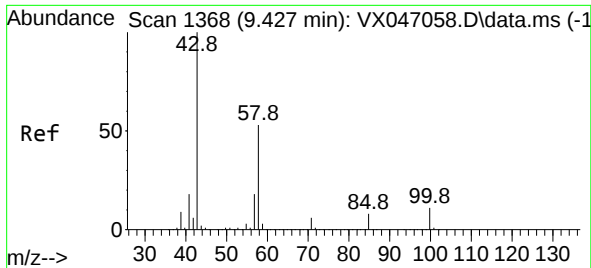
Tgt Ion: 63 Resp: 575969

Ion Ratio Lower Upper

63 100

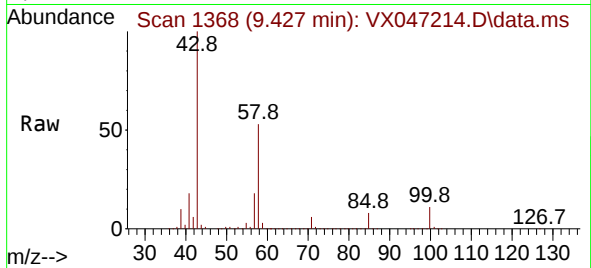
106 28.0 22.2 33.4





#59
2-Hexanone
Concen: 226.834 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

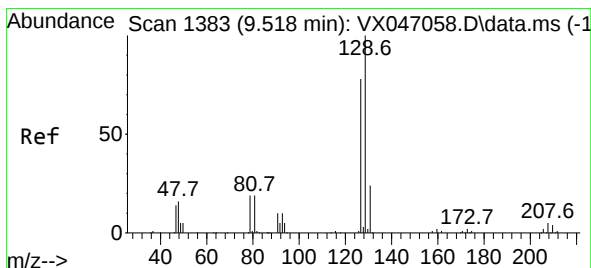
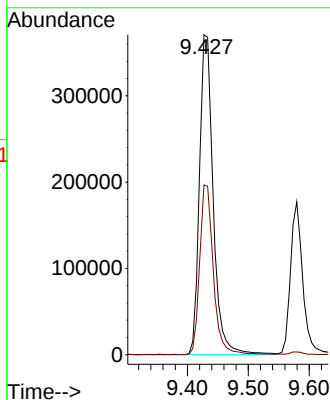
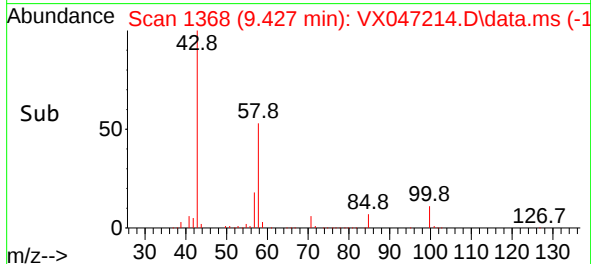
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 580155
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.5

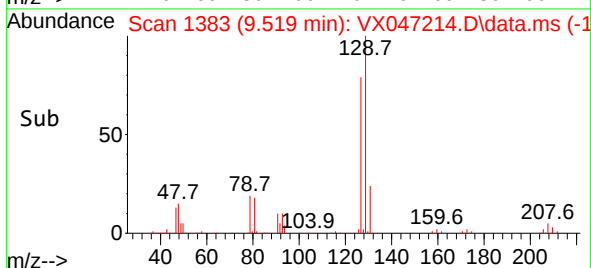
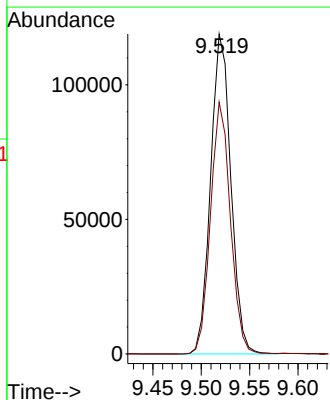
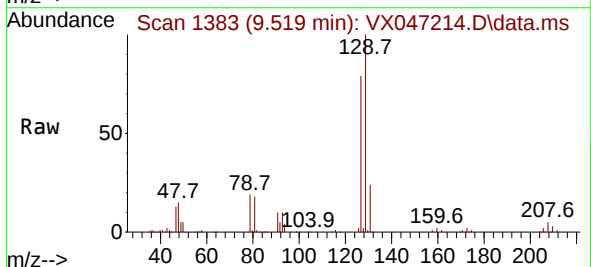
Manual Integrations
APPROVED

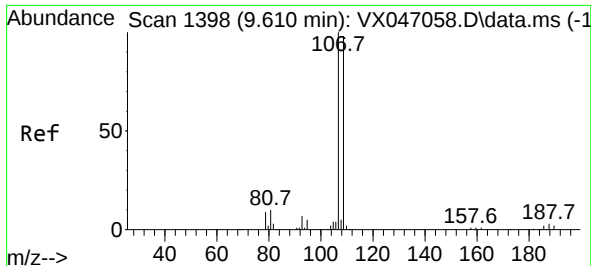
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#60
Dibromochloromethane
Concen: 48.796 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

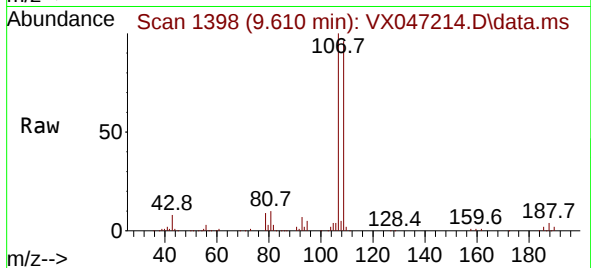
Tgt Ion:129 Resp: 173155
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 46.061 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

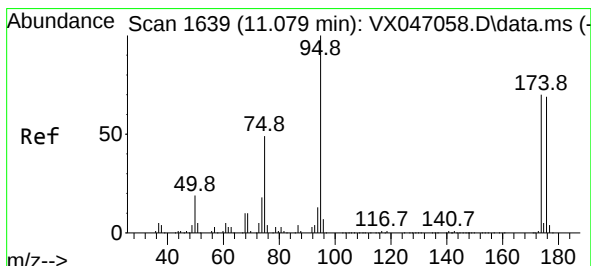
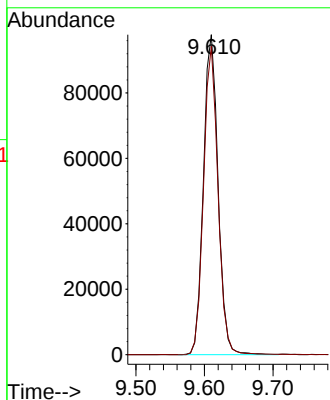
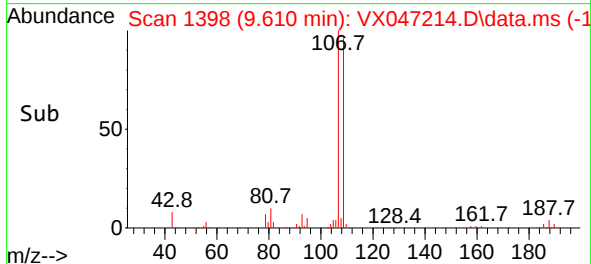
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



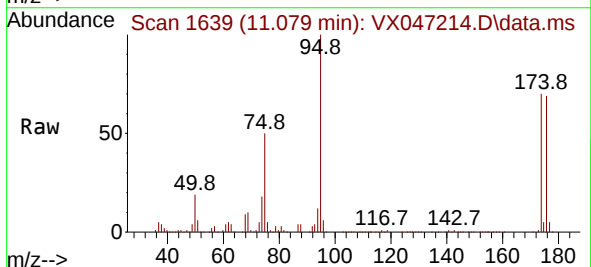
Tgt Ion:107 Resp: 145722
Ion Ratio Lower Upper
107 100
109 94.8 74.6 112.0

Manual Integrations
APPROVED

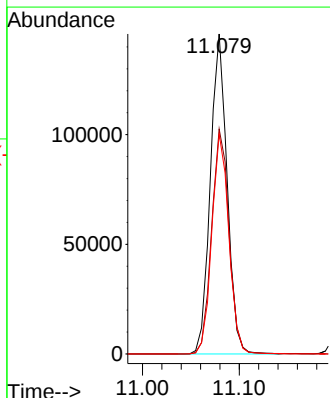
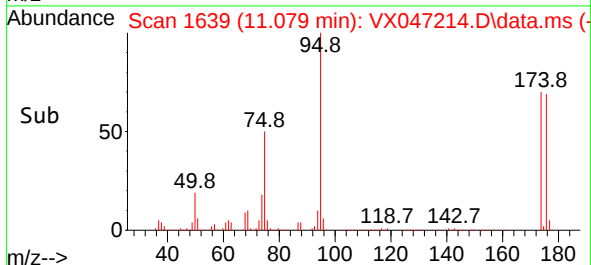
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

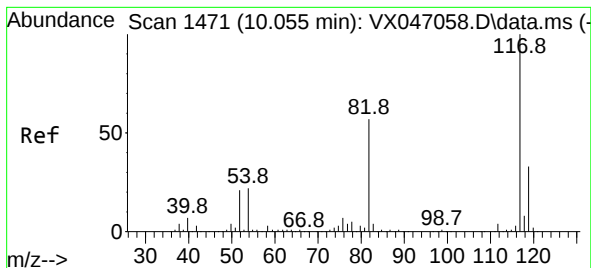


#62
4-Bromofluorobenzene
Concen: 47.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



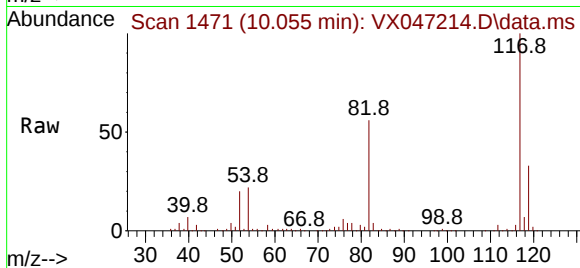
Tgt Ion: 95 Resp: 175524
Ion Ratio Lower Upper
95 100
174 73.1 0.0 144.6
176 69.7 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

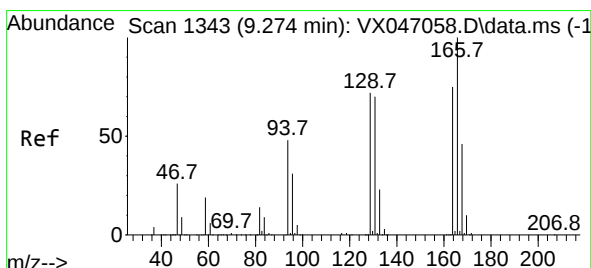
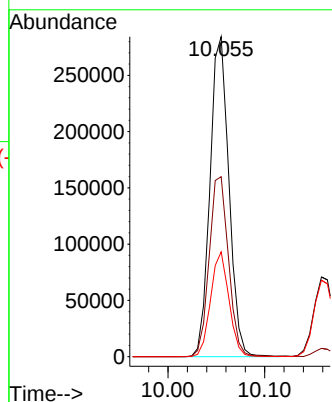
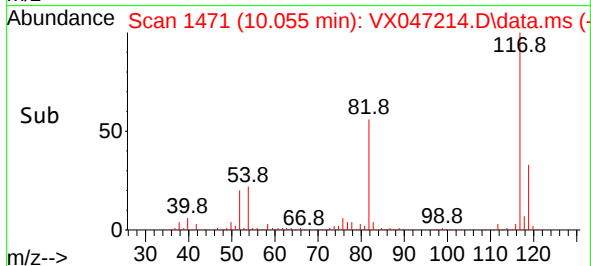
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 385880
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 32.8 26.1 39.1

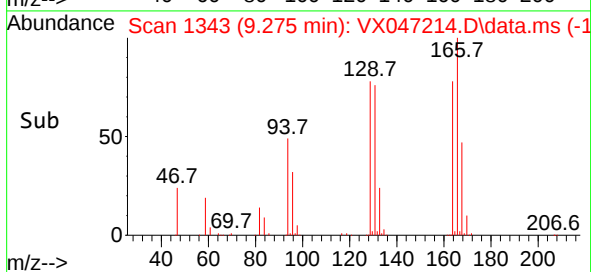
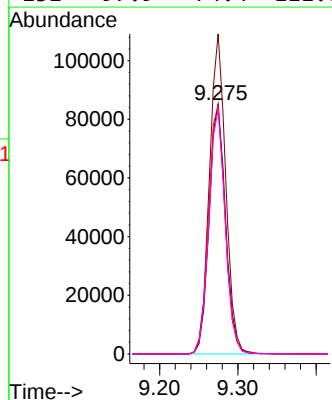
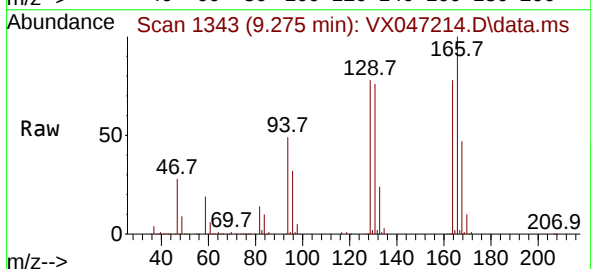
Manual Integrations
APPROVED

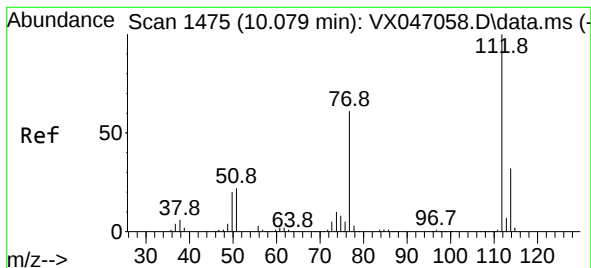
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#64
Tetrachloroethene
Concen: 44.426 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

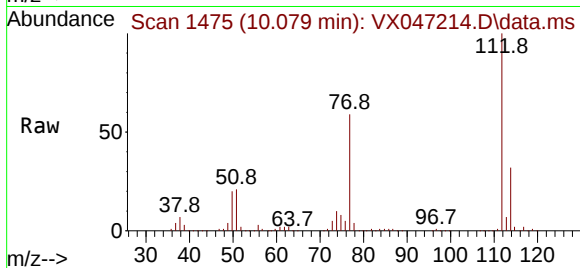
Tgt Ion:164 Resp: 123584
Ion Ratio Lower Upper
164 100
166 128.3 106.2 159.4
129 99.8 76.6 114.8
131 97.9 74.4 111.6





#65
Chlorobenzene
Concen: 47.162 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

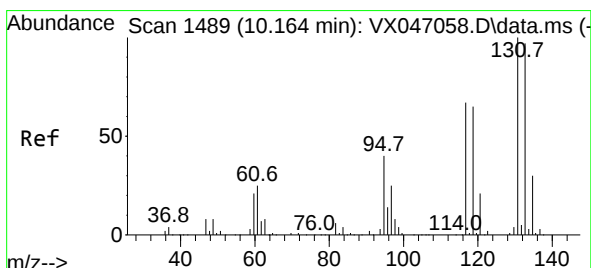
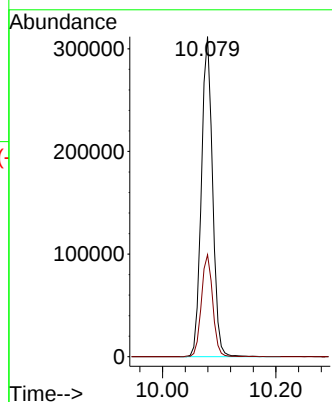
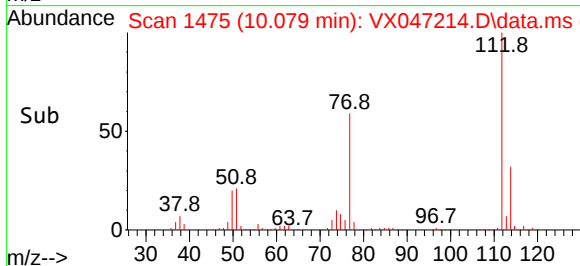
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



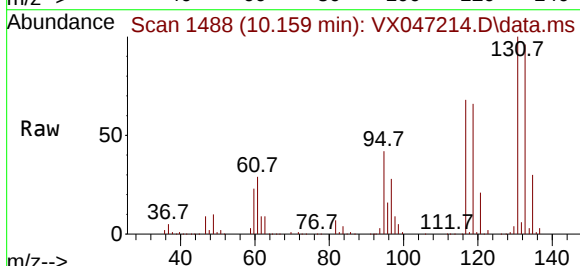
Tgt Ion:112 Resp: 426340
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

Manual Integrations
APPROVED

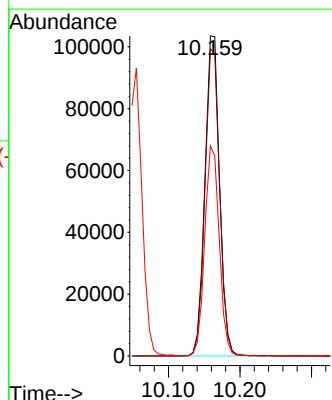
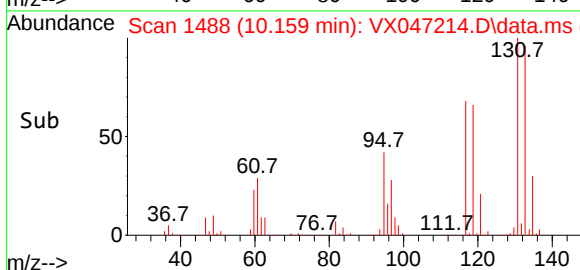
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

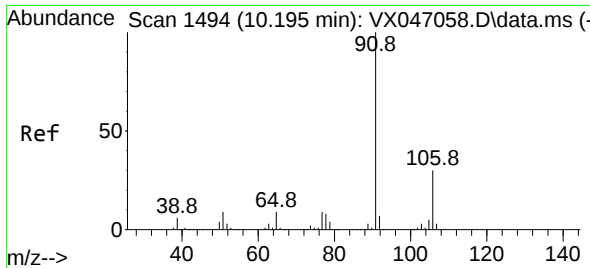


#66
1,1,1,2-Tetrachloroethane
Concen: 48.515 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



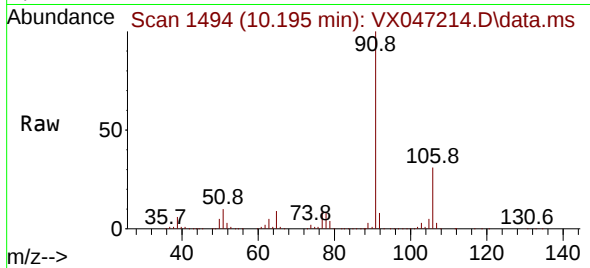
Tgt Ion:131 Resp: 147660
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.3
119 65.3 32.4 97.0





#67
Ethyl Benzene
Concen: 47.426 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

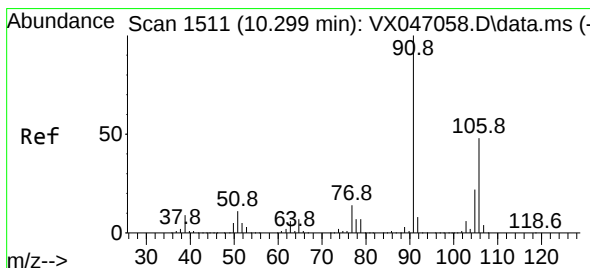
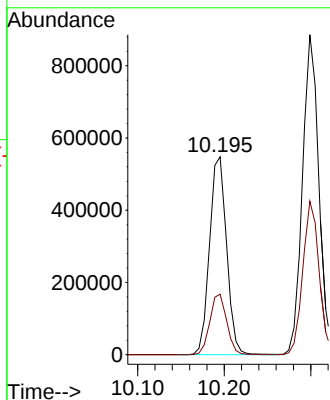
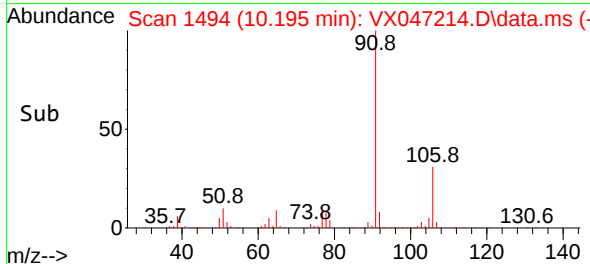
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



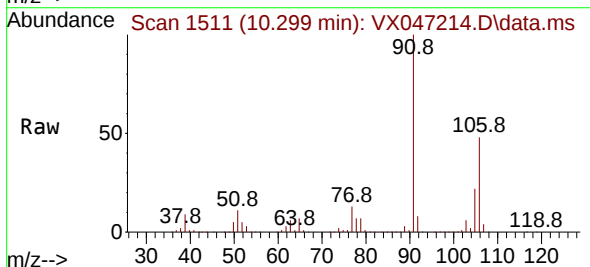
Tgt Ion: 91 Resp: 749620
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4

Manual Integrations
APPROVED

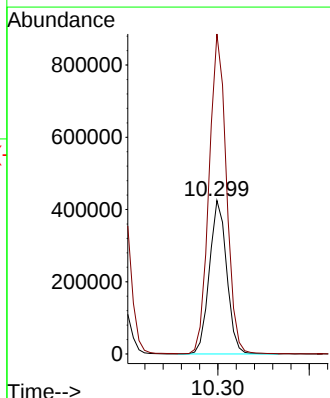
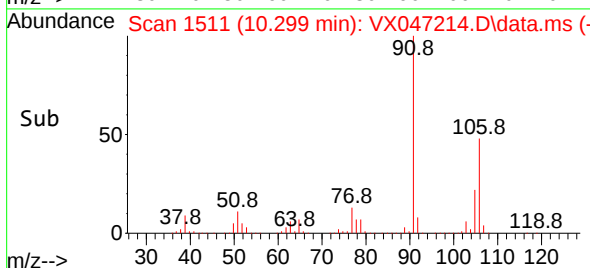
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

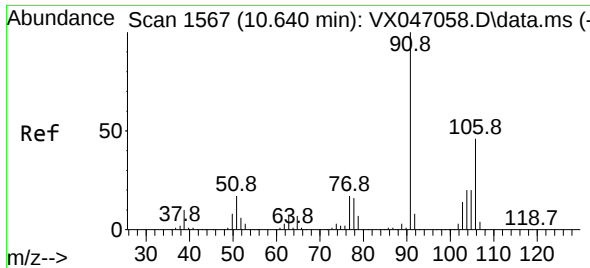


#68
m/p-Xylenes
Concen: 94.348 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



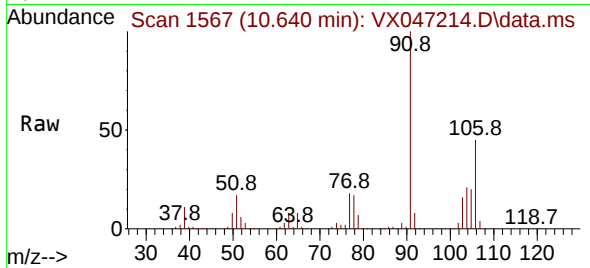
Tgt Ion:106 Resp: 558065
Ion Ratio Lower Upper
106 100
91 208.6 167.4 251.0





#69
o-Xylene
Concen: 47.706 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

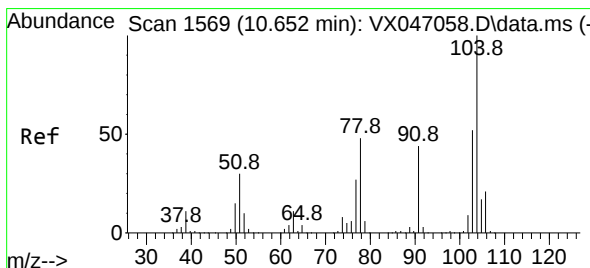
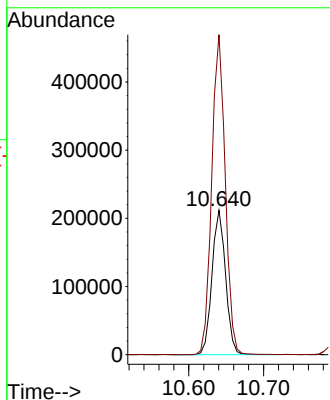
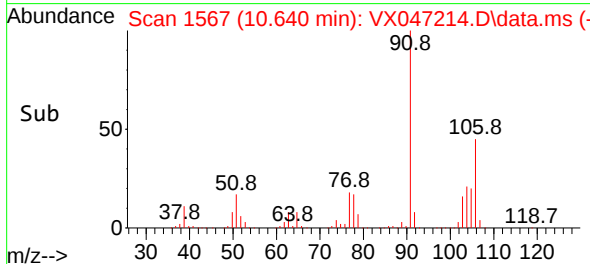
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 26844
Ion Ratio Lower Upper
106 100
91 220.6 110.3 331.0

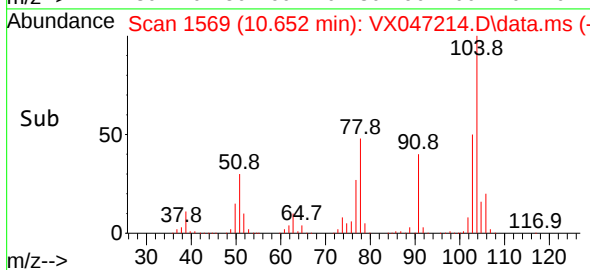
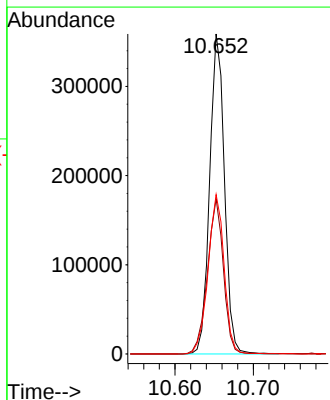
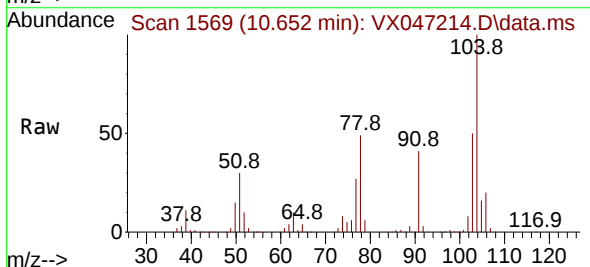
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 48.691 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Tgt Ion:104 Resp: 469818
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 54.3 43.8 65.6





#71

Bromoform

Concen: 45.816 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

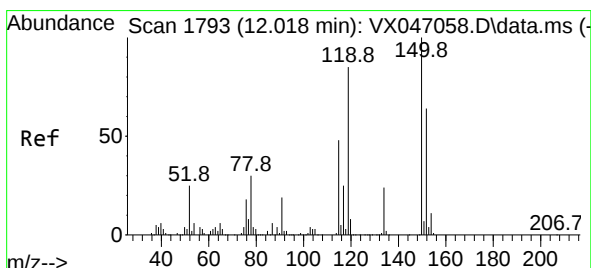
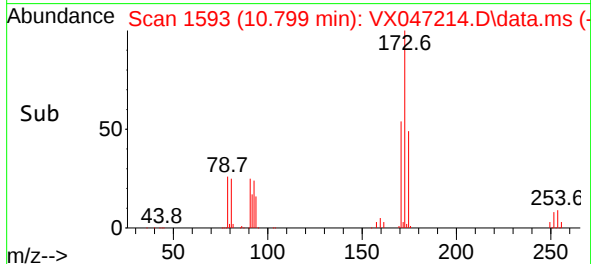
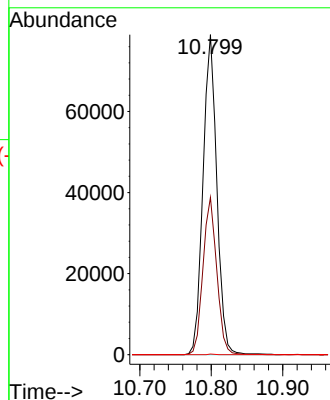
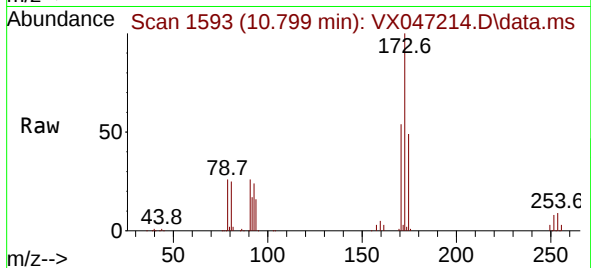
Tgt Ion:173 Resp: 105920
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.2 72.6
 254 0.1 0.1 0.1

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

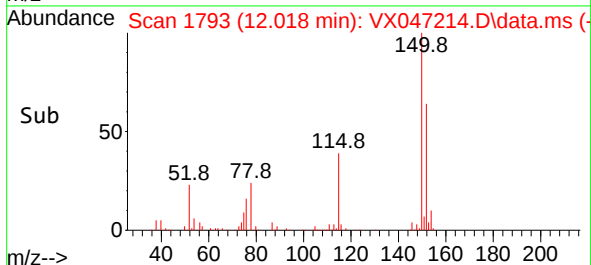
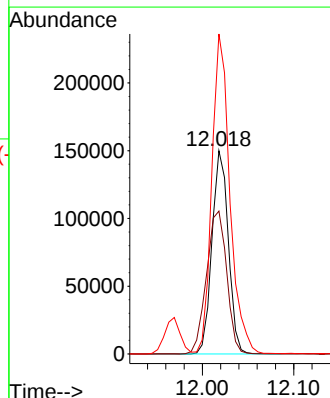
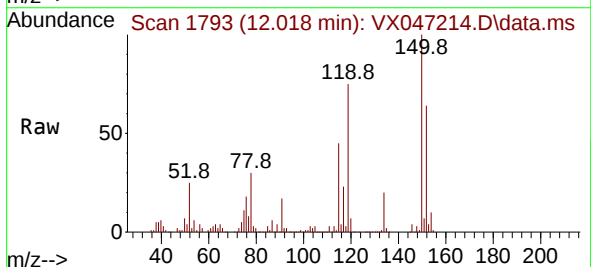
RT: 12.018 min Scan# 1793

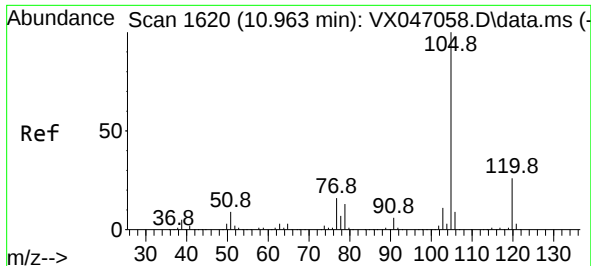
Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

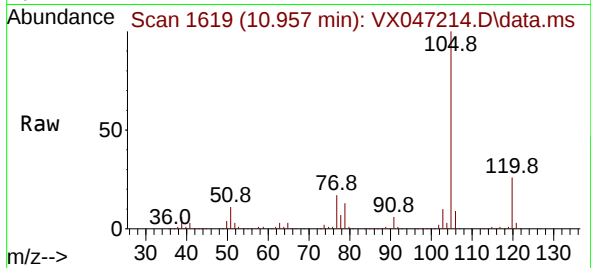
Tgt Ion:152 Resp: 185980
 Ion Ratio Lower Upper
 152 100
 115 86.8 45.6 136.7
 150 173.5 0.0 354.6





#73
Isopropylbenzene
Concen: 48.590 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

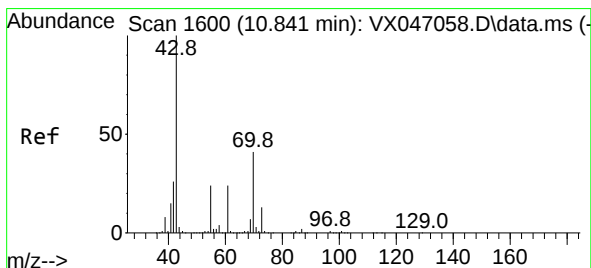
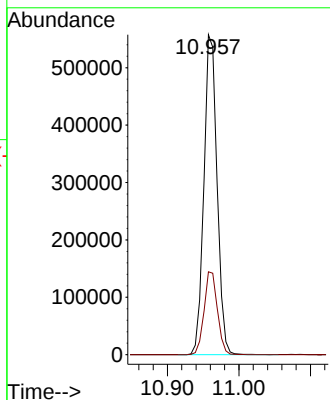
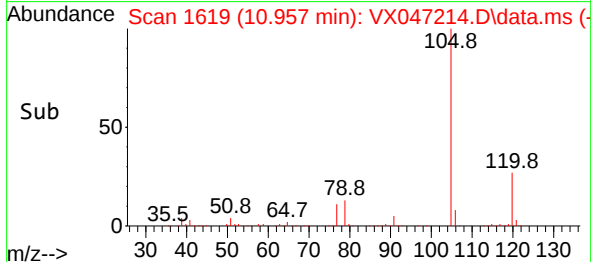
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 71294
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7

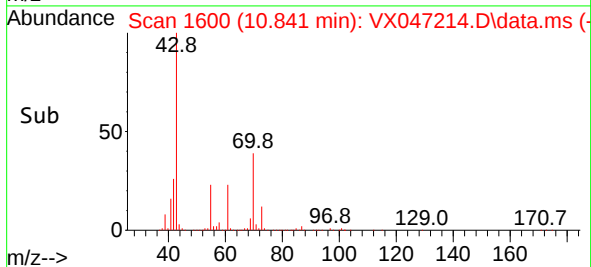
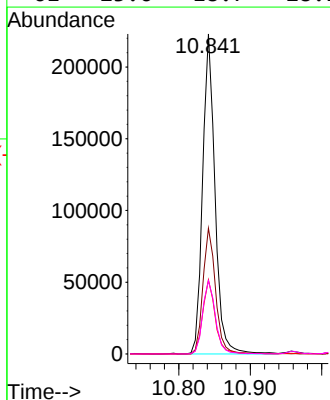
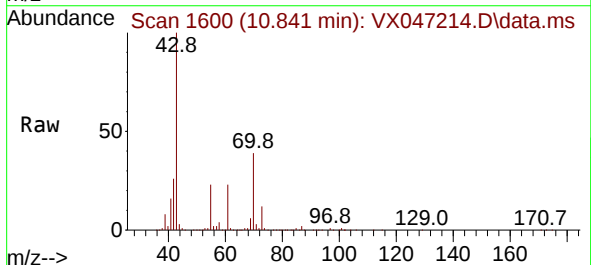
Manual Integrations
APPROVED

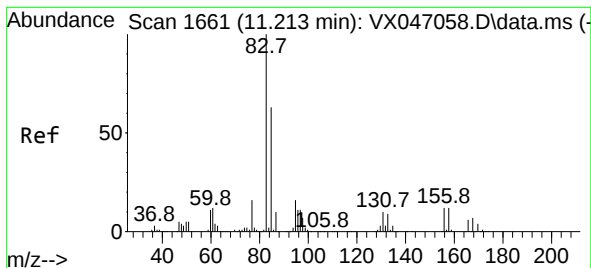
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#74
N-ethyl acetate
Concen: 45.343 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

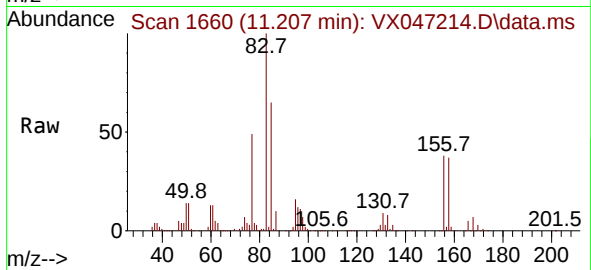
Tgt Ion: 43 Resp: 268439
Ion Ratio Lower Upper
43 100
70 40.2 32.3 48.5
55 23.7 18.9 28.3
61 23.6 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 47.086 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

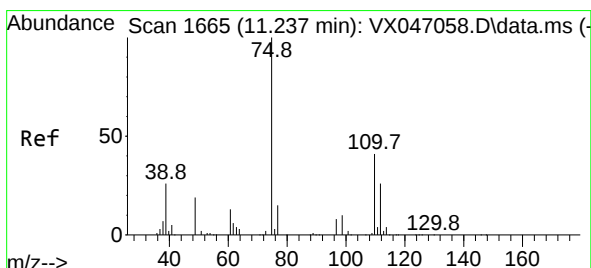
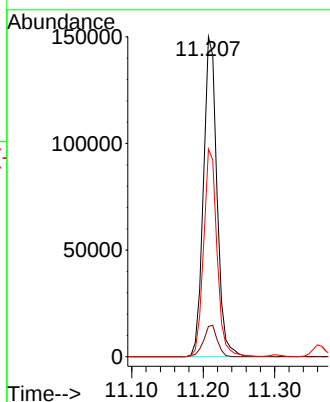
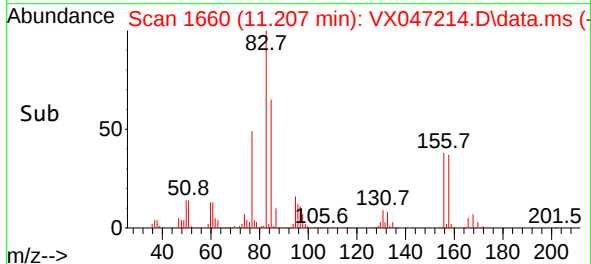
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 197348
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.2 32.0 96.2

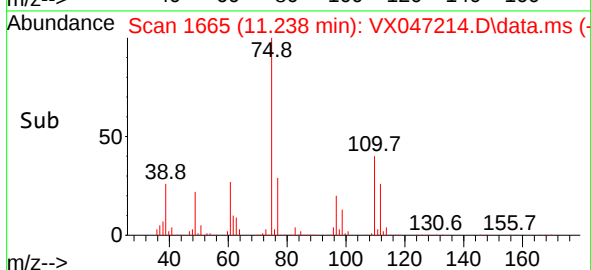
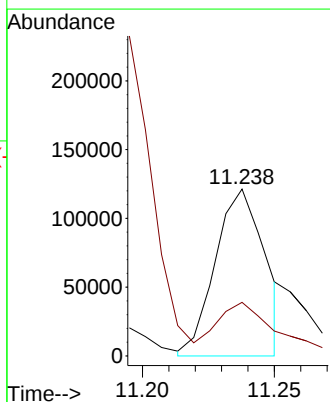
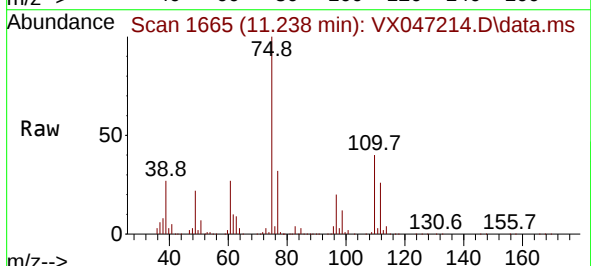
Manual Integrations
APPROVED

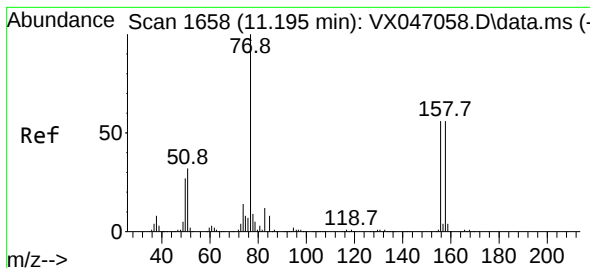
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#76
1,2,3-Trichloropropane
Concen: 45.985 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Tgt Ion: 75 Resp: 158298
Ion Ratio Lower Upper
75 100
77 39.3 21.6 65.0





#77

Bromobenzene

Concen: 48.538 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

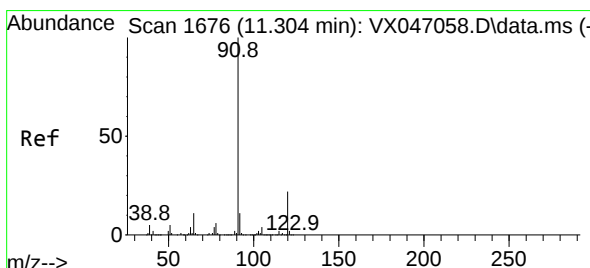
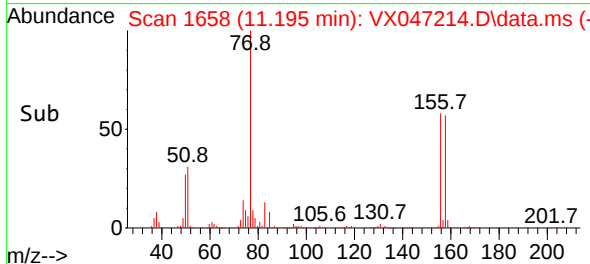
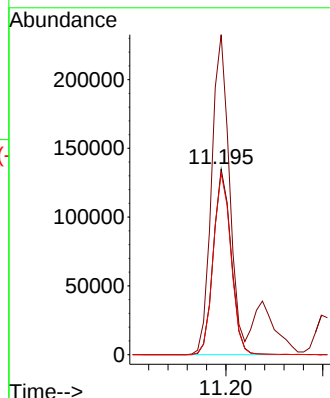
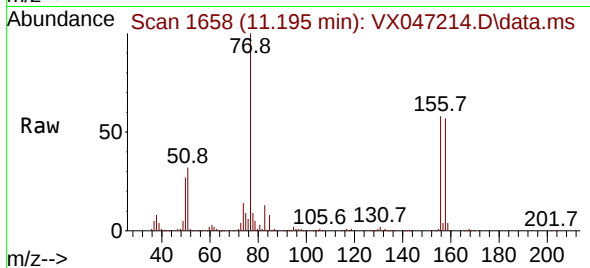
Tgt Ion:	156	Resp:	17082
Ion Ratio	Lower	Upper	
156	100		
77	174.4	87.3	261.9
158	98.4	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#78

n-propylbenzene

Concen: 48.804 ug/l

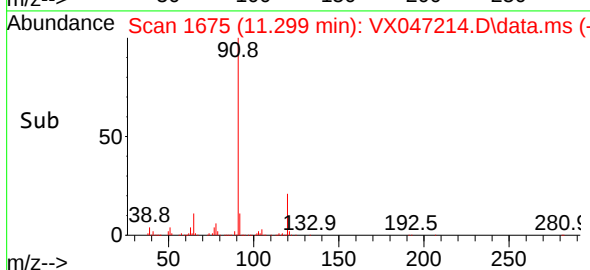
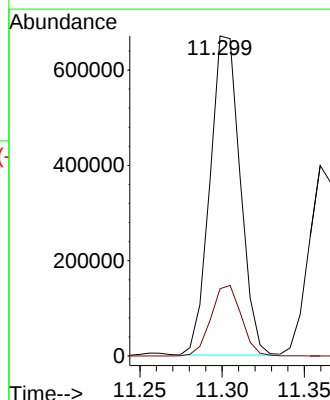
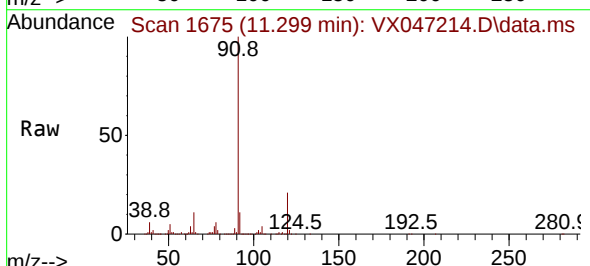
RT: 11.299 min Scan# 1675

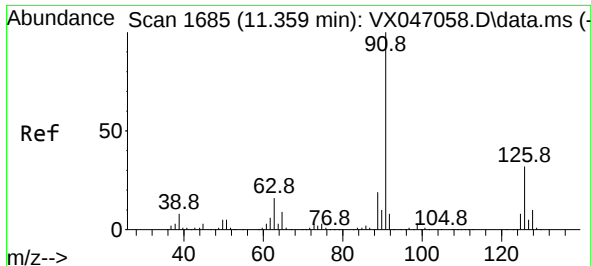
Delta R.T. -0.006 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

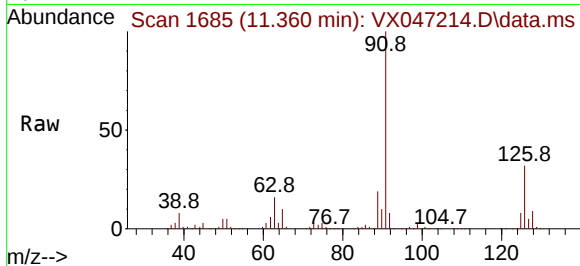
Tgt Ion:	91	Resp:	855708
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.0	33.0





#79
2-Chlorotoluene
Concen: 48.447 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

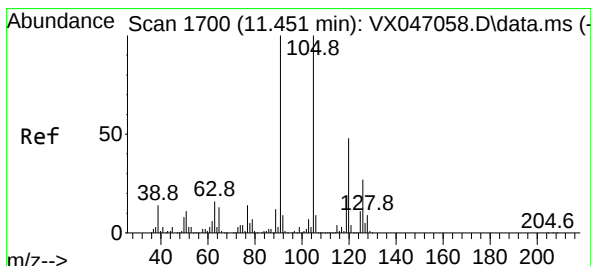
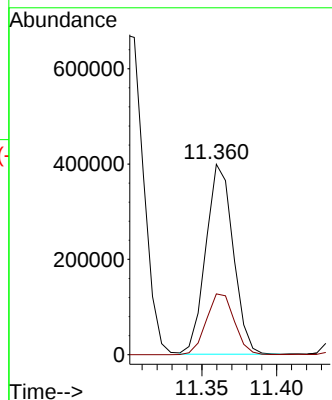
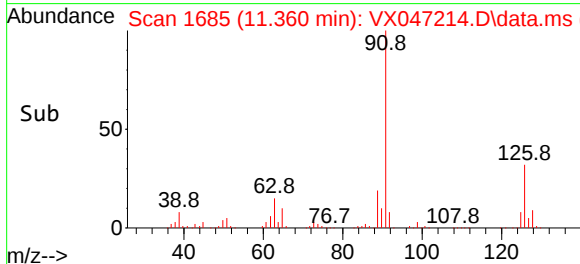
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



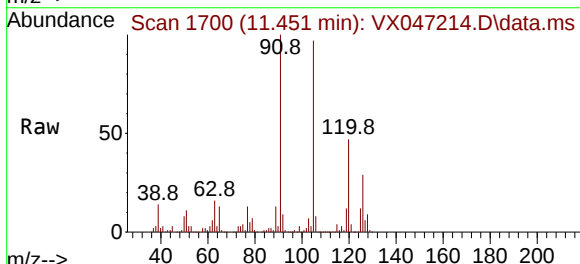
Tgt Ion: 91 Resp: 507772
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

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APPROVED

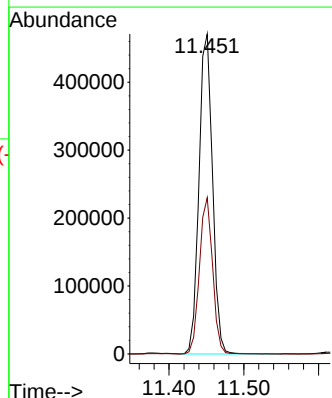
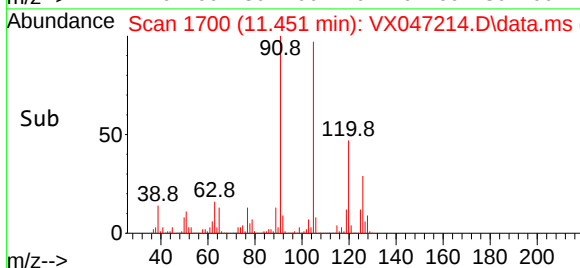
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025

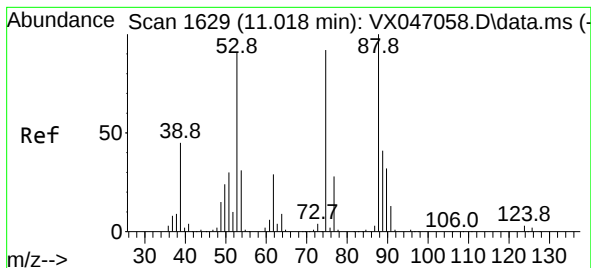


#80
1,3,5-Trimethylbenzene
Concen: 48.722 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



Tgt Ion:105 Resp: 590600
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5





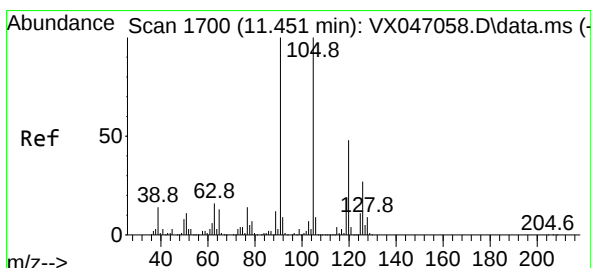
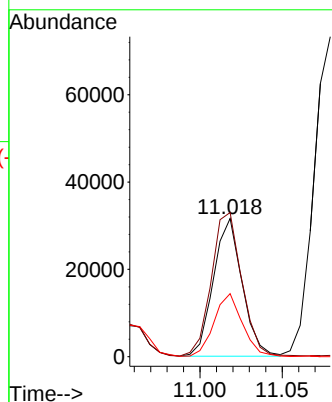
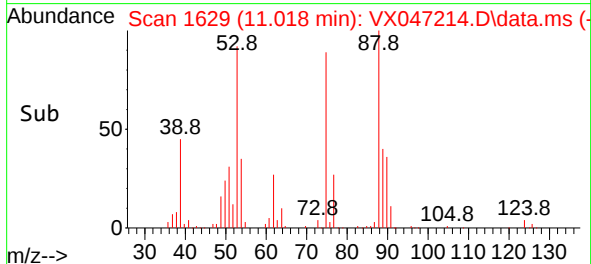
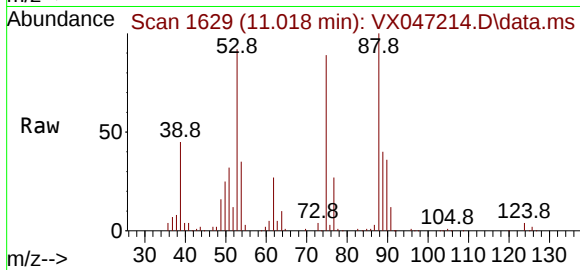
#81
trans-1,4-Dichloro-2-butene
Concen: 28.760 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3842
Ion Ratio Lower Upper
75 100
53 109.7 84.2 126.4
89 45.5 36.0 54.0

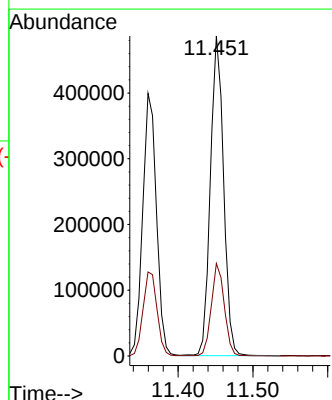
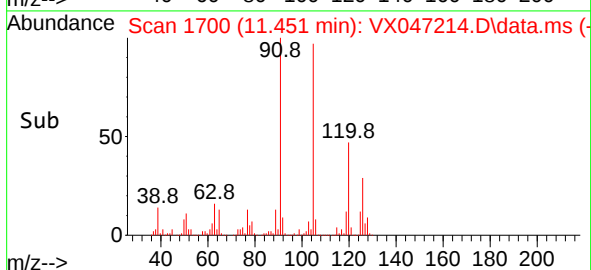
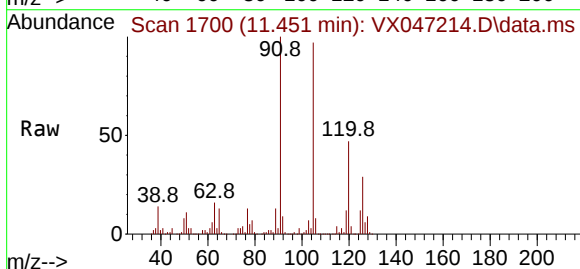
Manual Integrations
APPROVED

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



#82
4-Chlorotoluene
Concen: 48.707 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Tgt Ion: 91 Resp: 595871
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.3





#83

tert-Butylbenzene

Concen: 49.550 ug/l

RT: 11.713 min Scan# 1119

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 602850

Ion Ratio Lower Upper

119 100

91 59.0 29.6 88.8

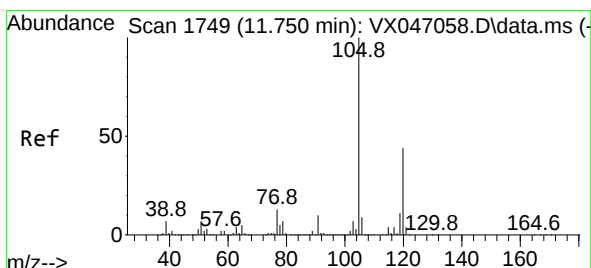
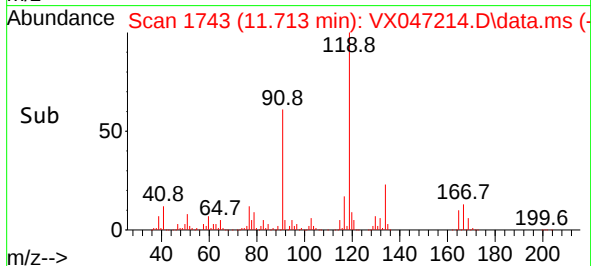
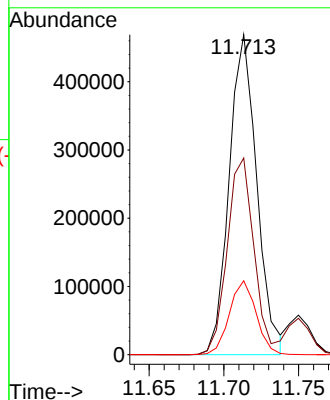
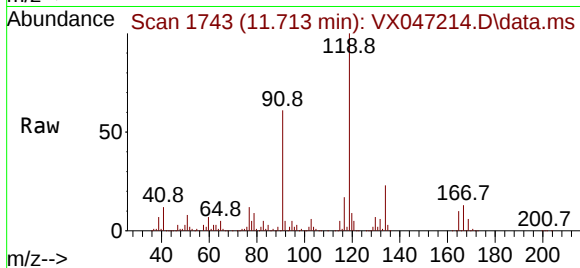
134 22.4 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#84

1,2,4-Trimethylbenzene

Concen: 49.220 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047214.D

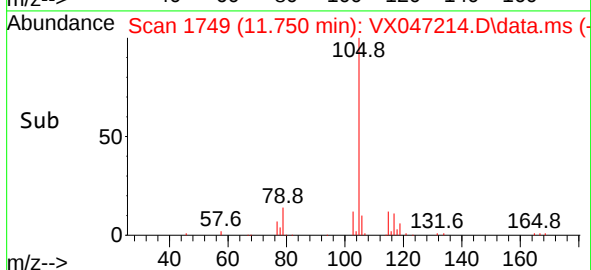
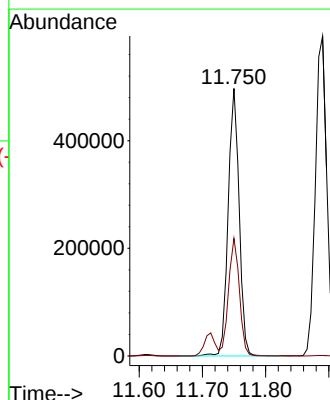
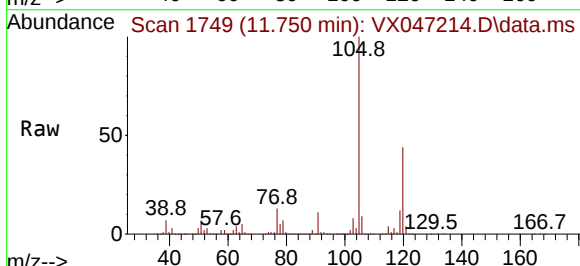
Acq: 01 Aug 2025 18:07

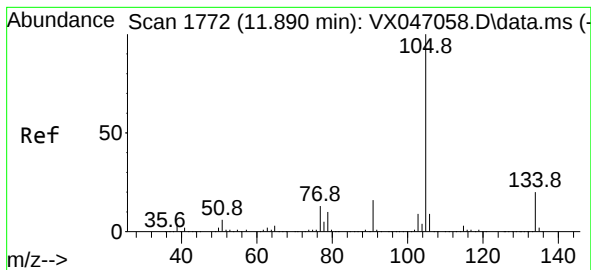
Tgt Ion:105 Resp: 595104

Ion Ratio Lower Upper

105 100

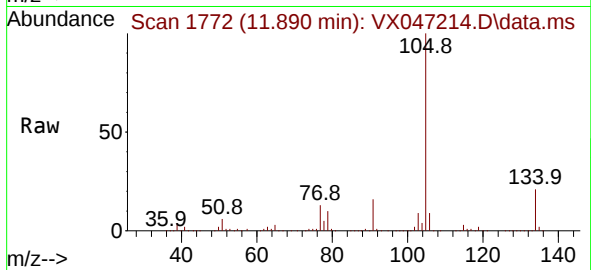
120 43.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 48.797 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047214.D
 Acq: 01 Aug 2025 18:07

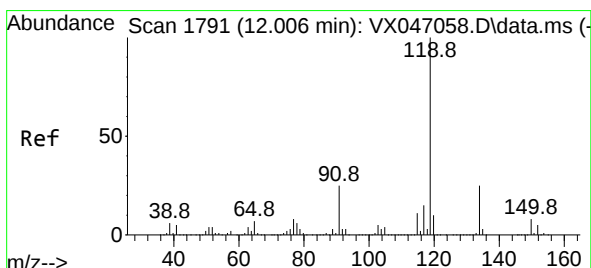
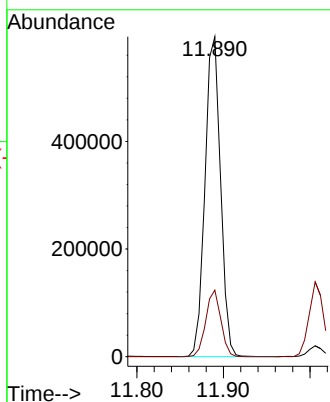
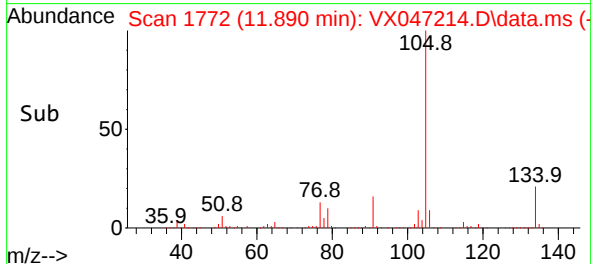
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



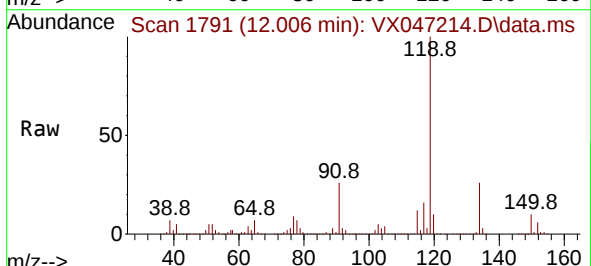
Tgt Ion:105 Resp: 741799
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

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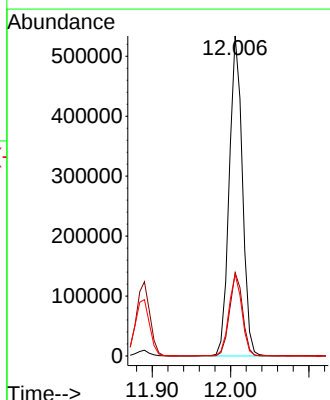
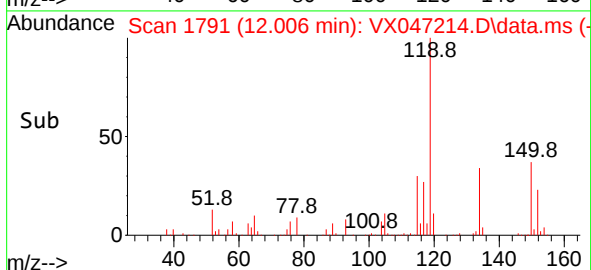
Reviewed By :John Carlone 08/04/2025
 Supervised By :Mahesh Dadoda 08/04/2025



#86
 p-Isopropyltoluene
 Concen: 49.305 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047214.D
 Acq: 01 Aug 2025 18:07



Tgt Ion:119 Resp: 621562
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 25.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.665 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 318730

Ion Ratio Lower Upper

146 100

111 42.3 21.0 63.0

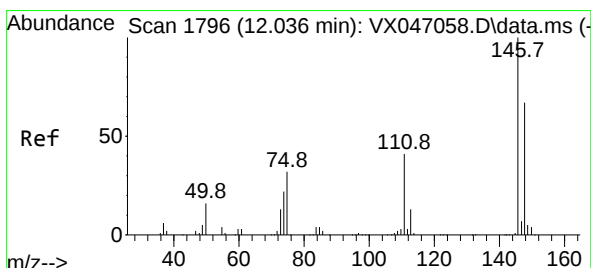
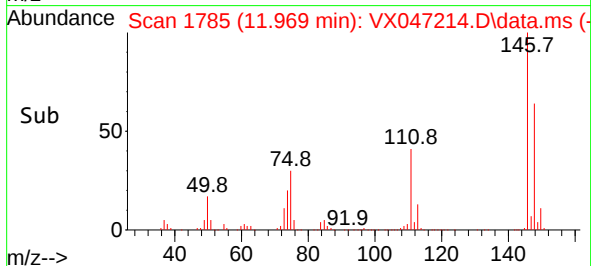
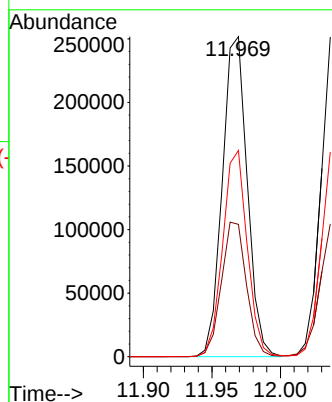
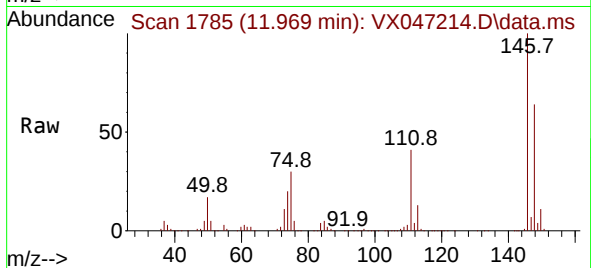
148 63.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#88

1,4-Dichlorobenzene

Concen: 47.312 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

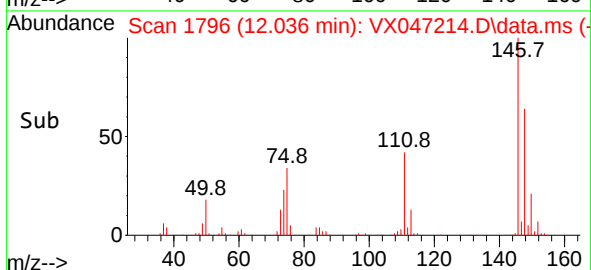
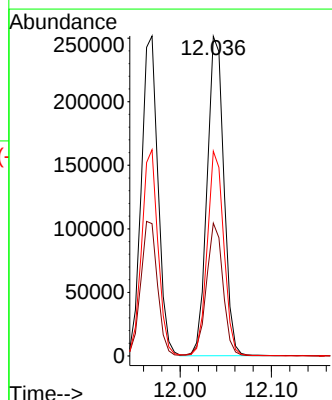
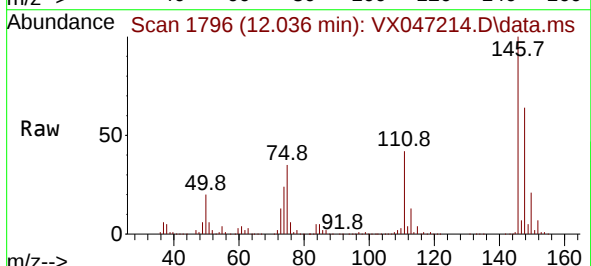
Tgt Ion:146 Resp: 320530

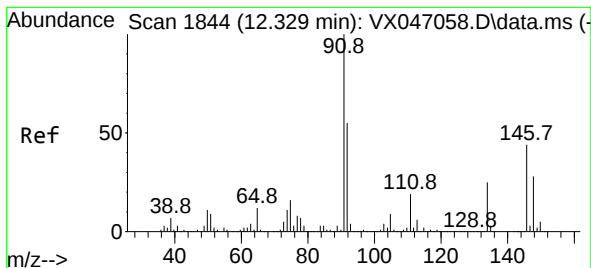
Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

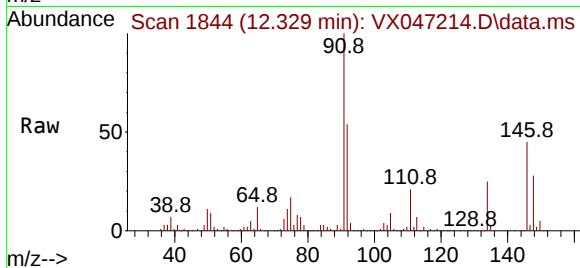
148 63.6 33.0 98.9





#89
n-Butylbenzene
Concen: 49.502 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

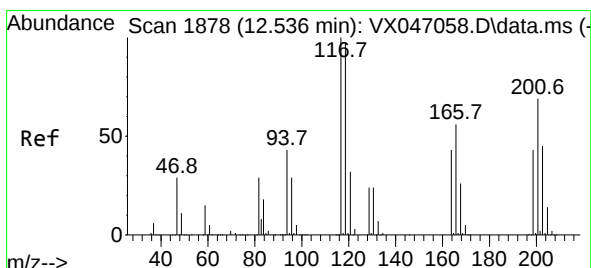
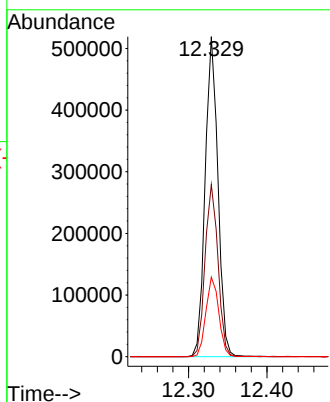
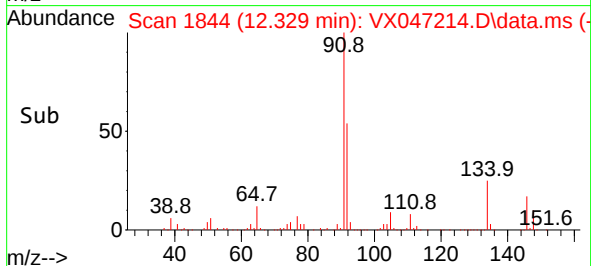
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 585220
Ion Ratio Lower Upper
91 100
92 54.5 27.5 82.5
134 25.2 12.8 38.3

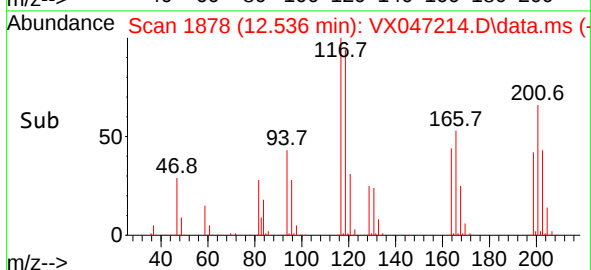
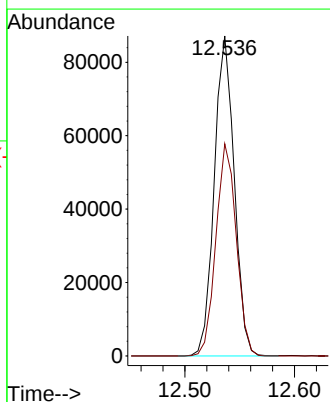
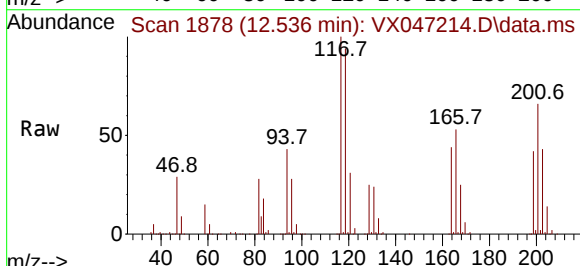
Manual Integrations
APPROVED

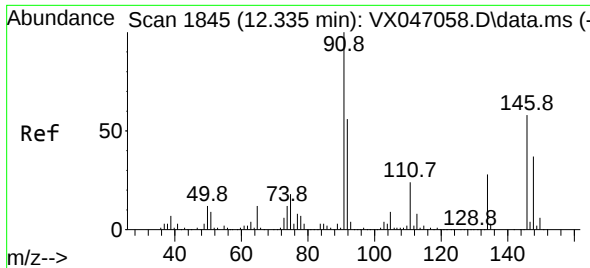
Reviewed By :John Carlone 08/04/2025
Supervised By :Mahesh Dadoda 08/04/2025



#90
Hexachloroethane
Concen: 48.987 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Tgt Ion:117 Resp: 110477
Ion Ratio Lower Upper
117 100
201 67.7 34.8 104.5





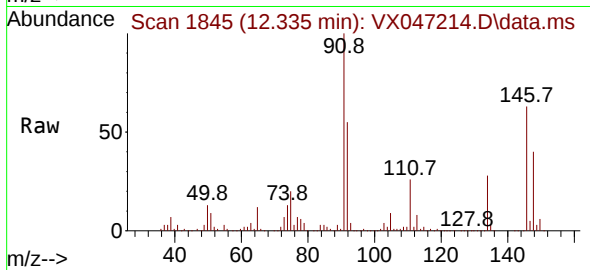
#91
1,2-Dichlorobenzene
Concen: 47.872 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



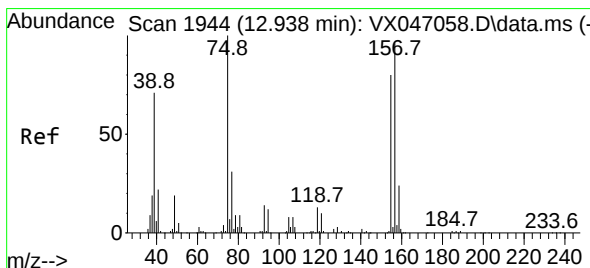
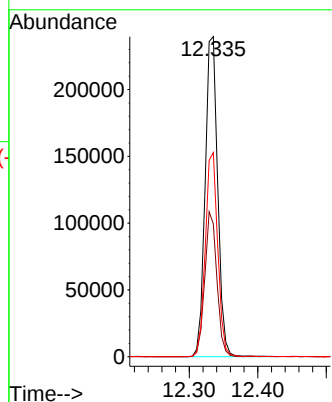
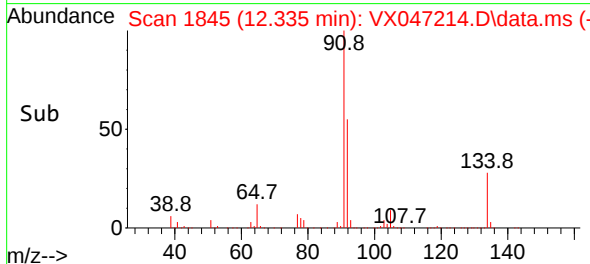
Tgt Ion:146 Resp: 305954
Ion Ratio Lower Upper
146 100
111 43.8 21.6 64.6
148 63.1 31.9 95.7

Manual Integrations

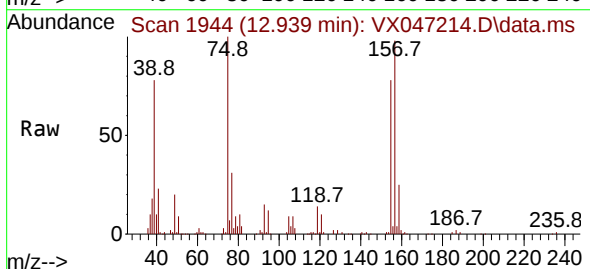
APPROVED

Reviewed By :John Carlone 08/04/2025

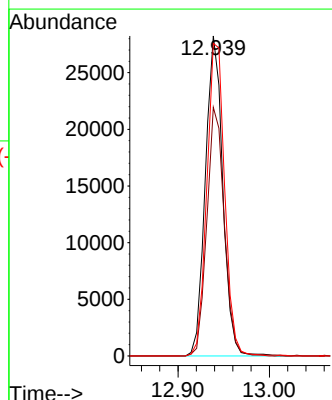
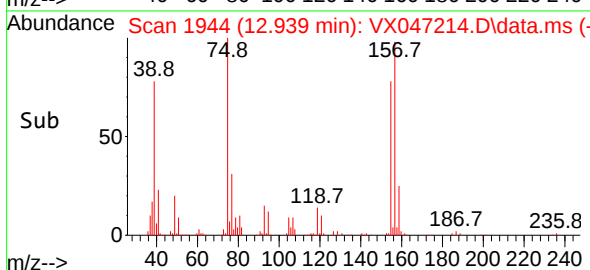
Supervised By :Mahesh Dadoda 08/04/2025

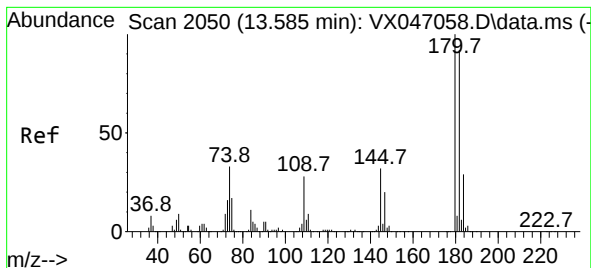


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.303 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



Tgt Ion: 75 Resp: 37251
Ion Ratio Lower Upper
75 100
155 77.7 41.3 124.1
157 100.1 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 48.212 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

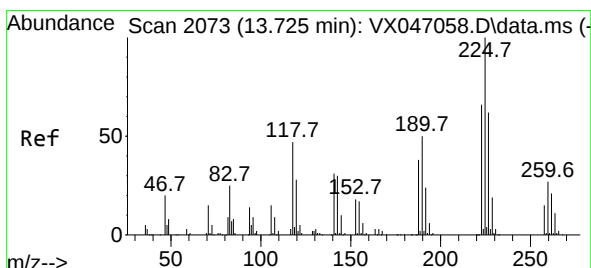
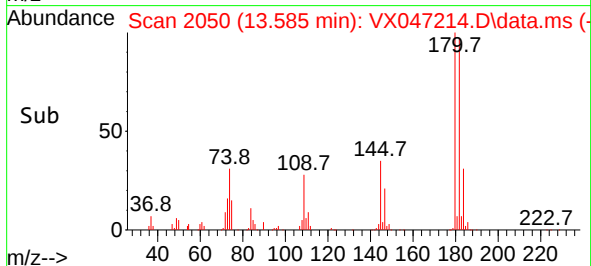
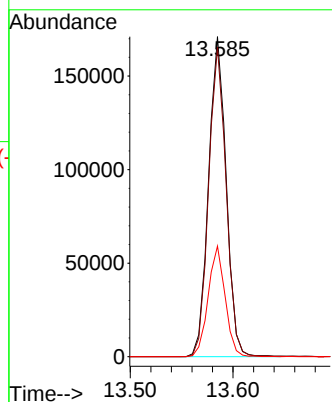
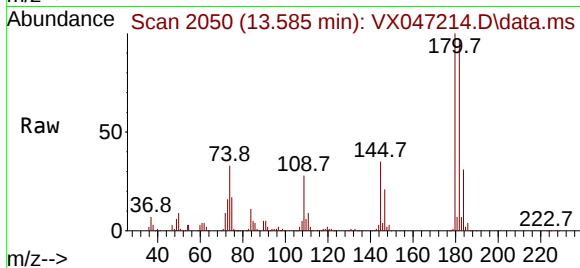
Tgt Ion:180	Resp: 203580
Ion Ratio	Lower Upper
180 100	
182 96.2	47.3 141.8
145 33.3	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2025

Supervised By :Mahesh Dadoda 08/04/2025



#94

Hexachlorobutadiene

Concen: 51.391 ug/l

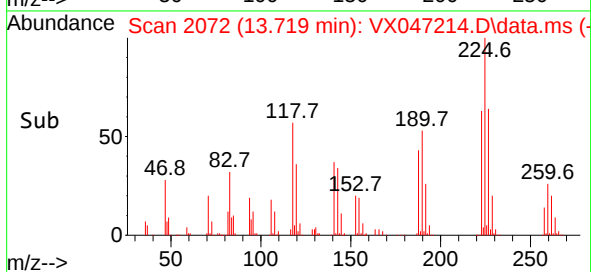
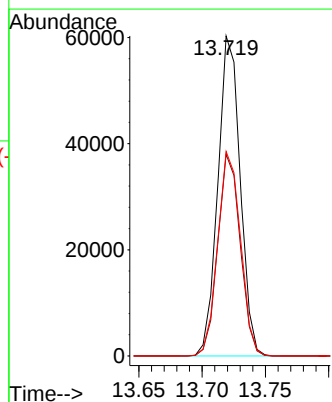
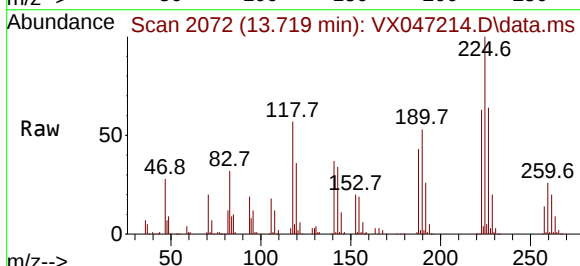
RT: 13.719 min Scan# 2072

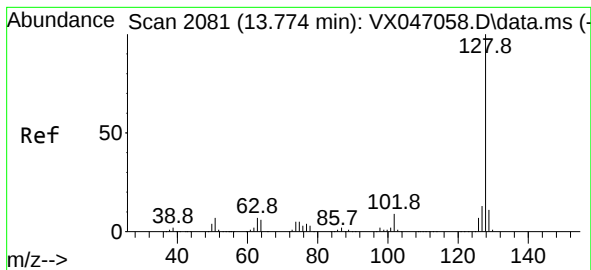
Delta R.T. -0.006 min

Lab File: VX047214.D

Acq: 01 Aug 2025 18:07

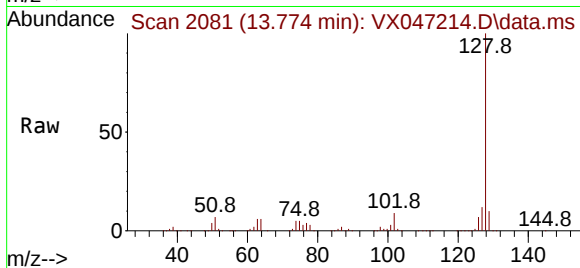
Tgt Ion:225	Resp: 73800
Ion Ratio	Lower Upper
225 100	
223 63.3	31.6 95.0
227 65.4	32.9 98.6





#95
Naphthalene
Concen: 47.985 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07

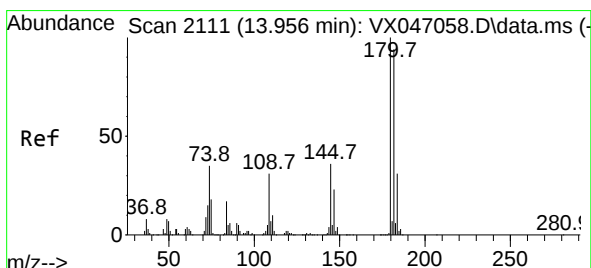
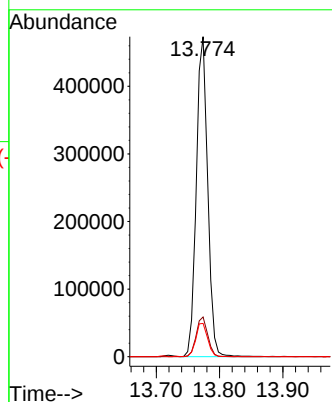
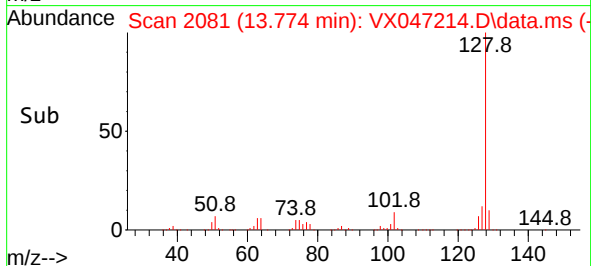
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



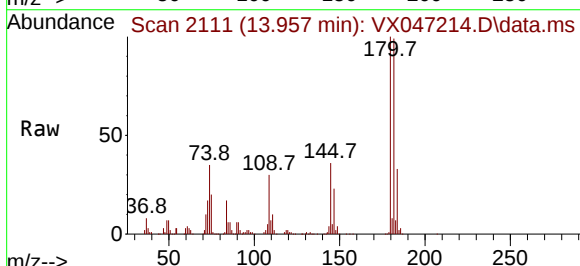
Tgt Ion:128 Resp: 593994
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.754 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047214.D
Acq: 01 Aug 2025 18:07



Tgt Ion:180 Resp: 194260
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 34.9 17.3 52.0

