

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047334.D
 Acq On : 13 Aug 2025 19:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2025
 Supervised By : Mahesh Dadoda 08/18/2025

Quant Time: Aug 14 05:24:15 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	205236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	362249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	162794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143603	56.170	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.340%			
35) Dibromofluoromethane	5.403	113	126007	56.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.680%			
50) Toluene-d8	8.653	98	350581	48.401	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.800%			
62) 4-Bromofluorobenzene	11.079	95	169988	54.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	134761	49.434	ug/l	97
3) Chloromethane	1.312	50	124400	46.133	ug/l	98
4) Vinyl Chloride	1.392	62	150084	51.777	ug/l	100
5) Bromomethane	1.623	94	59720	37.927	ug/l	94
6) Chloroethane	1.703	64	91875	48.258	ug/l	95
7) Trichlorofluoromethane	1.904	101	214893	49.717	ug/l	97
8) Diethyl Ether	2.148	74	84668	55.556	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	123887	47.574	ug/l	99
10) Methyl Iodide	2.471	142	204203	76.942	ug/l	100
11) Tert butyl alcohol	2.971	59	87953	296.193	ug/l	100
12) 1,1-Dichloroethene	2.337	96	130702	50.675	ug/l	99
13) Acrolein	2.251	56	131419	238.735	ug/l	100
14) Allyl chloride	2.684	41	227169	48.725	ug/l	99
15) Acrylonitrile	3.080	53	370745	304.062	ug/l	100
16) Acetone	2.392	43	295467	288.492	ug/l	99
17) Carbon Disulfide	2.532	76	357217	47.874	ug/l	100
18) Methyl Acetate	2.721	43	187953	69.057	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	449689	57.288	ug/l	99
20) Methylene Chloride	2.806	84	155553	55.207	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	139920	53.013	ug/l	98
22) Diisopropyl ether	3.775	45	498100	55.568	ug/l	96
23) Vinyl Acetate	3.739	43	1952315	271.550	ug/l	100
24) 1,1-Dichloroethane	3.629	63	269276	54.022	ug/l	99
25) 2-Butanone	4.574	43	427466	286.642	ug/l	98
26) 2,2-Dichloropropane	4.495	77	119393	30.943	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	171179	54.770	ug/l	93
28) Bromochloromethane	4.915	49	130854	57.062	ug/l	98
29) Tetrahydrofuran	5.025	42	282886	293.999	ug/l	98
30) Chloroform	5.111	83	275564	54.310	ug/l	98
31) Cyclohexane	5.489	56	219791	45.987	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	228701	51.894	ug/l	99
36) 1,1-Dichloropropene	5.708	75	182035	47.746	ug/l	99
37) Ethyl Acetate	4.733	43	216655	61.671	ug/l	97
38) Carbon Tetrachloride	5.690	117	197096	48.436	ug/l	99
39) Methylcyclohexane	7.391	83	204641	42.990	ug/l	94
40) Benzene	6.049	78	576594	52.258	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	98648	53.704	ug/l	93
42) 1,2-Dichloroethane	6.098	62	211626	54.449	ug/l	99
43) Isopropyl Acetate	6.348	43	321876	58.771	ug/l	100
44) Trichloroethene	7.135	130	143842	50.839	ug/l	99
45) 1,2-Dichloropropane	7.439	63	148168	53.617	ug/l	97
46) Dibromomethane	7.586	93	109285	56.394	ug/l	99
47) Bromodichloromethane	7.824	83	221607	53.726	ug/l	96
48) Methyl methacrylate	7.695	41	166691	55.869	ug/l	99
49) 1,4-Dioxane	7.677	88	37215	1096.675	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	971754	298.510	ug/l	99
52) Toluene	8.720	92	358851	52.894	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	190007	48.781	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	208919	49.007	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	143591	56.437	ug/l	98
56) Ethyl methacrylate	9.116	69	226969	60.258	ug/l	98
57) 1,3-Dichloropropane	9.311	76	241487	54.612	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	520399	248.283	ug/l	100
59) 2-Hexanone	9.433	43	682075	317.134	ug/l	100
60) Dibromochloromethane	9.524	129	166965	55.953	ug/l	99
61) 1,2-Dibromoethane	9.610	107	146279	54.984	ug/l	97
64) Tetrachloroethene	9.274	164	144828	61.091	ug/l	97
65) Chlorobenzene	10.079	112	398565	51.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	138574	53.426	ug/l	99
67) Ethyl Benzene	10.195	91	682645	50.679	ug/l	99
68) m/p-Xylenes	10.299	106	510341	101.242	ug/l	99
69) o-Xylene	10.640	106	250637	52.266	ug/l	99
70) Styrene	10.652	104	437969	53.262	ug/l	99
71) Bromoform	10.799	173	110290	55.976	ug/l #	99
73) Isopropylbenzene	10.963	105	638868	49.743	ug/l	100
74) N-amyl acetate	10.841	43	276966	53.447	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	204903	55.852	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	160522m	53.272	ug/l	
77) Bromobenzene	11.195	156	162977	52.905	ug/l	98
78) n-propylbenzene	11.305	91	759407	49.480	ug/l	100
79) 2-Chlorotoluene	11.366	91	464143	50.591	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	535382	50.457	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23329	19.947	ug/l	98
82) 4-Chlorotoluene	11.451	91	547556	51.133	ug/l	99
83) tert-Butylbenzene	11.713	119	497590	46.723	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	541887	51.202	ug/l	100
85) sec-Butylbenzene	11.890	105	642655	48.296	ug/l	99
86) p-Isopropyltoluene	12.006	119	539743	48.913	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	300174	51.283	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	302162	50.953	ug/l	98
89) n-Butylbenzene	12.329	91	491481	47.494	ug/l	98
90) Hexachloroethane	12.536	117	94390	47.815	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	289391	51.730	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	41702	59.218	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	186188	50.374	ug/l	99
94) Hexachlorobutadiene	13.725	225	58740	46.730	ug/l	98
95) Naphthalene	13.774	128	624659	57.649	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	183699	51.589	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

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

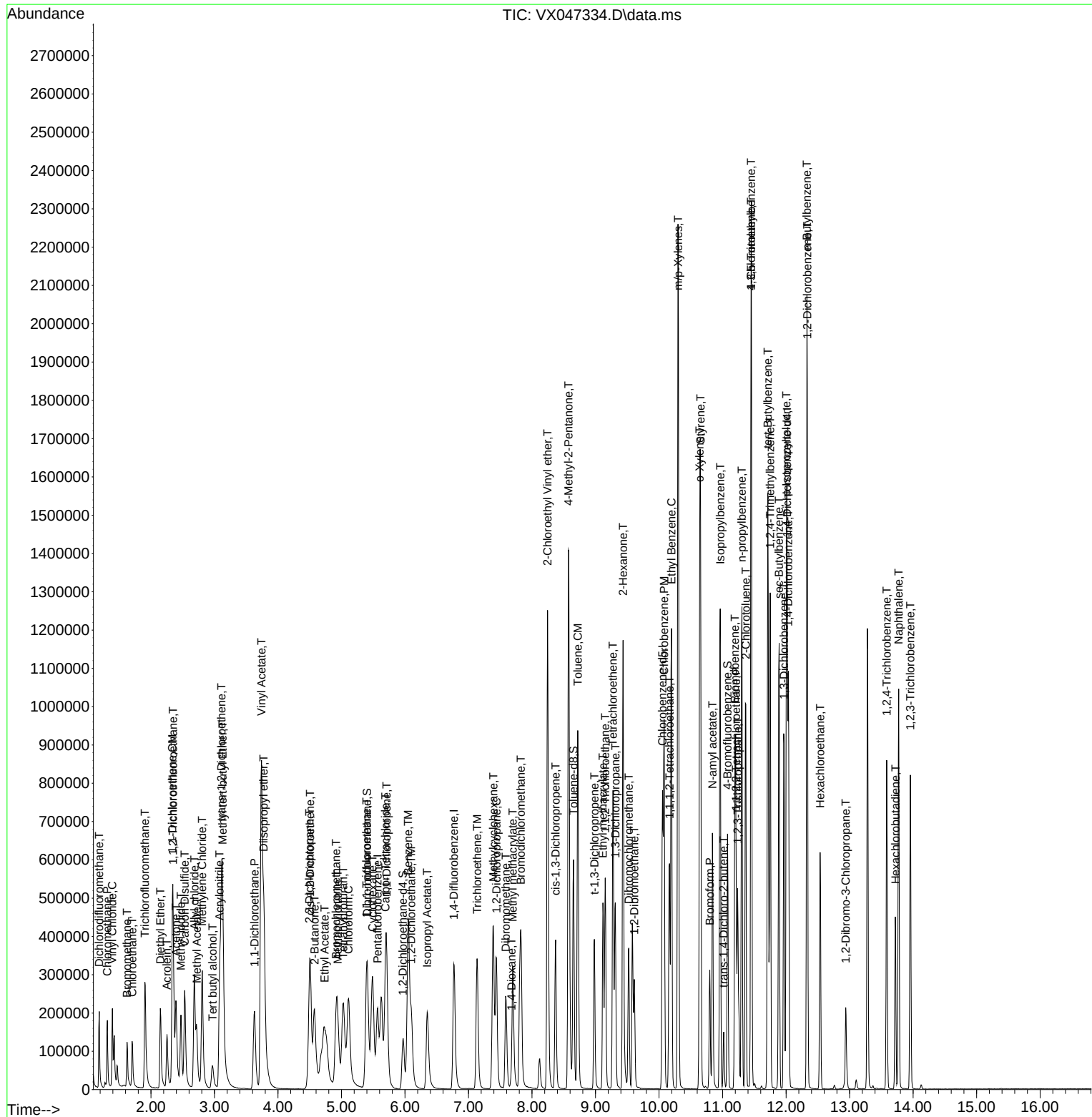
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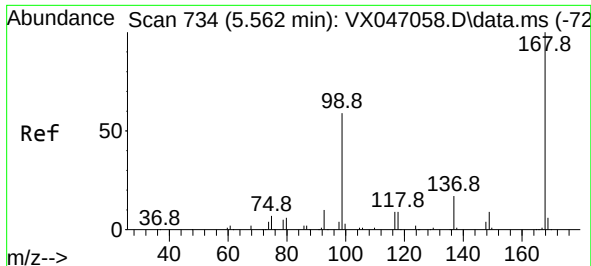
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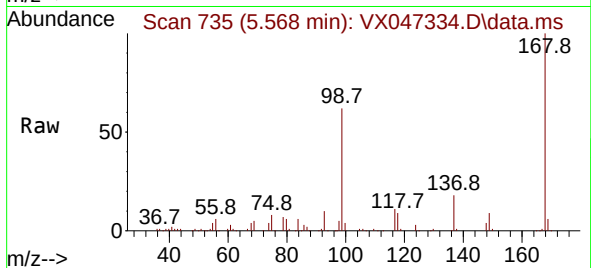
Reviewed By : John Carlone 08/14/2025
 Supervised By : Mahesh Dadoda 08/18/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047334.D
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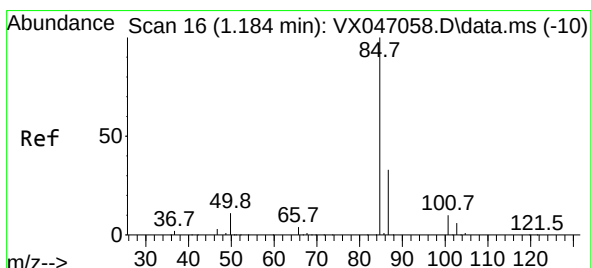
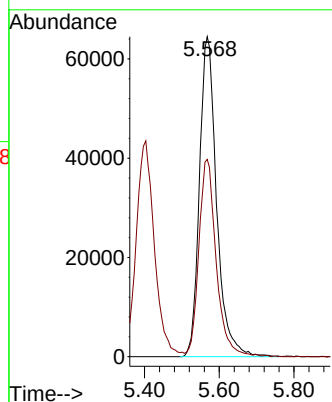
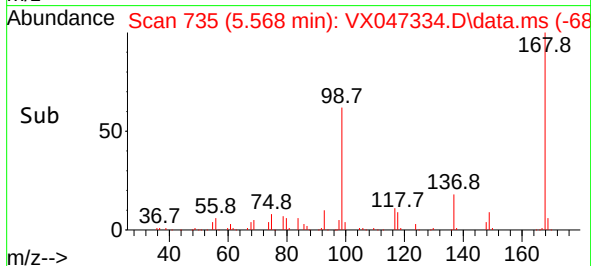
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 205230
Ion Ratio Lower Upper
168 100
99 61.5 48.0 72.0

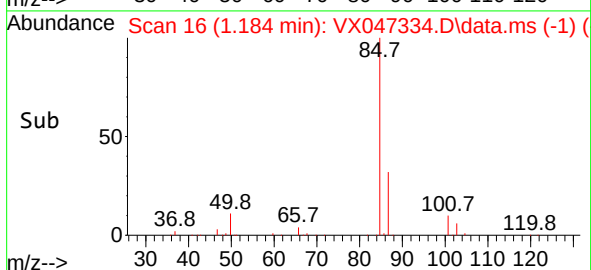
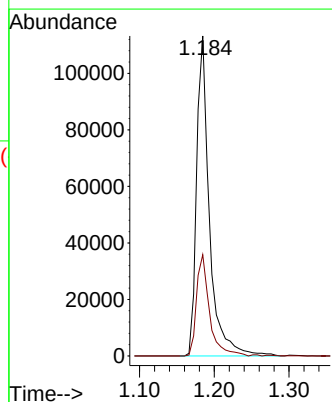
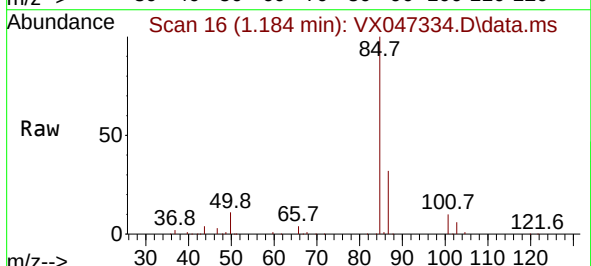
Manual Integrations
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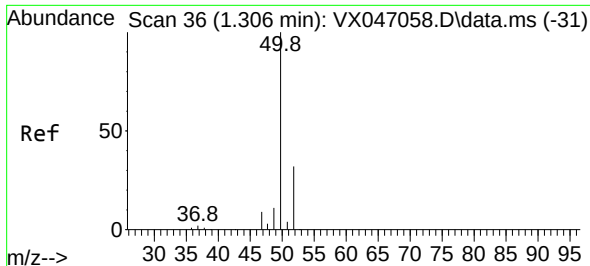
Reviewed By :John Carlone 08/14/2025
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#2
Dichlorodifluoromethane
Concen: 49.434 ug/l
RT: 1.184 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

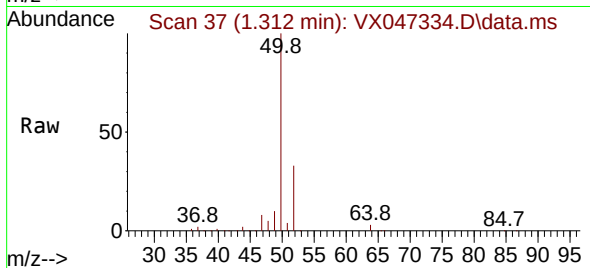
Tgt Ion: 85 Resp: 134761
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8





#3
Chloromethane
Concen: 46.133 ug/l
RT: 1.312 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

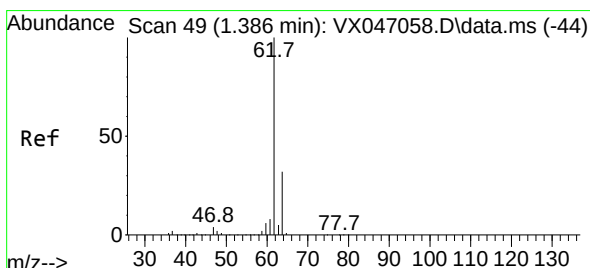
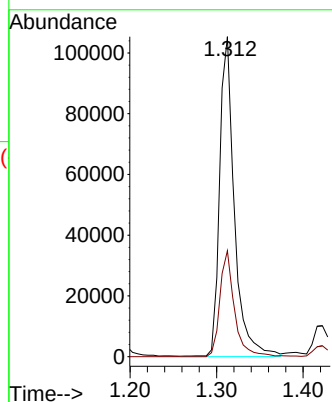
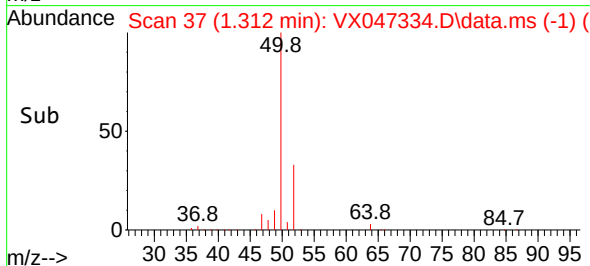
Instrument :
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Tgt Ion: 50 Resp: 124400
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

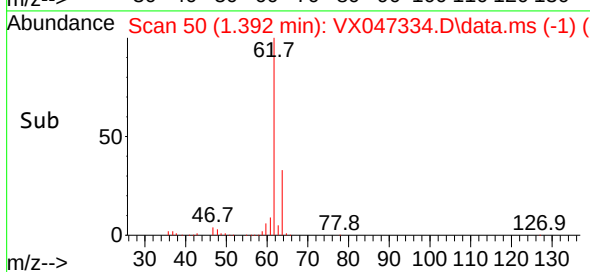
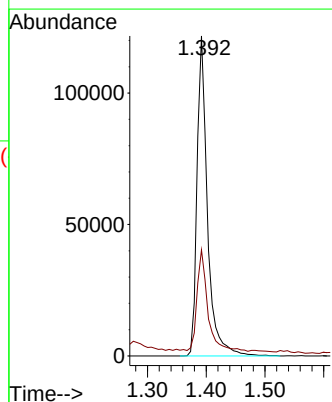
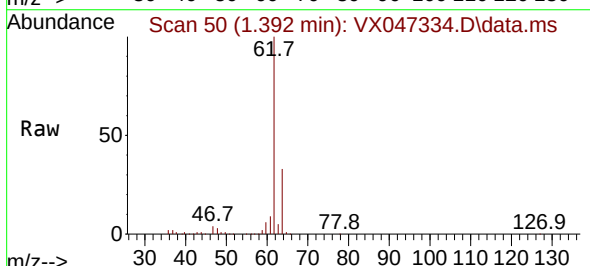
Manual Integrations
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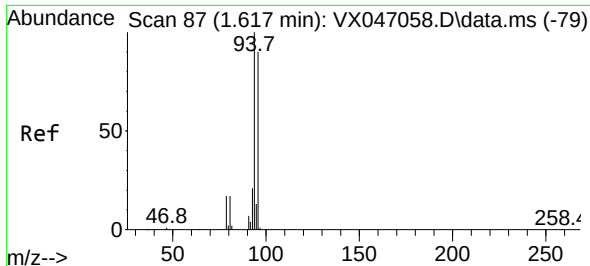
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#4
Vinyl Chloride
Concen: 51.777 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

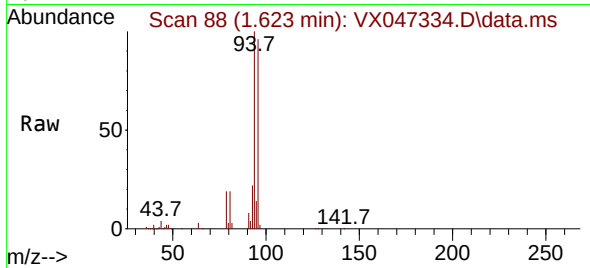
Tgt Ion: 62 Resp: 150084
Ion Ratio Lower Upper
62 100
64 31.4 25.2 37.8





#5
Bromomethane
Concen: 37.927 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

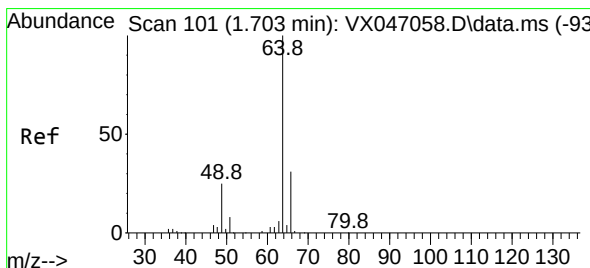
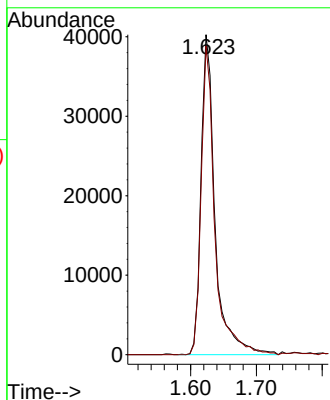
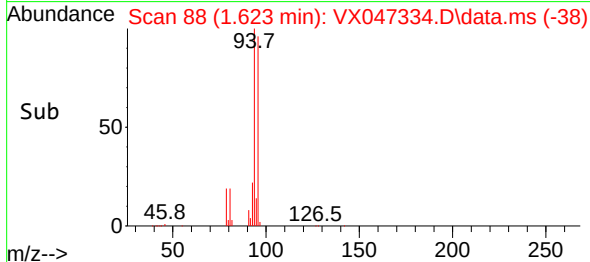
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Tgt Ion: 94 Resp: 59720
Ion Ratio Lower Upper
94 100
96 96.5 72.3 108.5

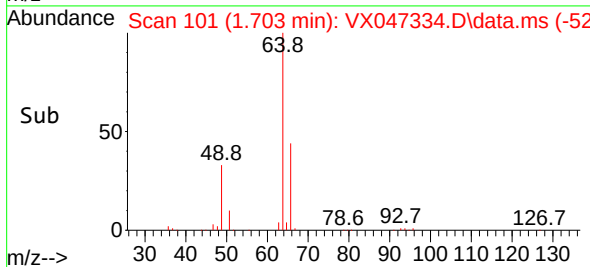
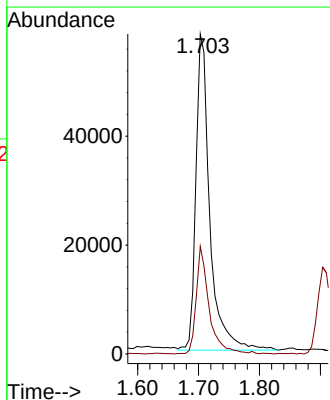
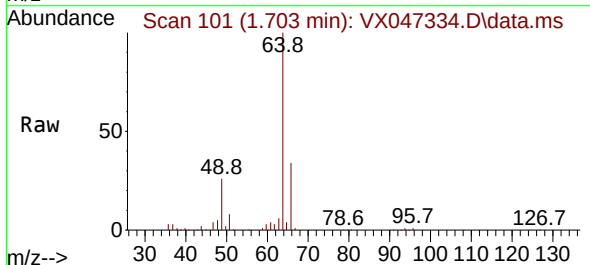
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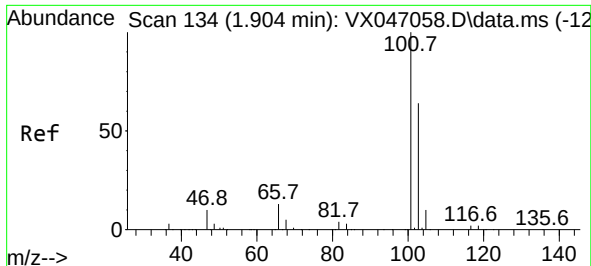
Reviewed By :John Carlone 08/14/2025
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#6
Chloroethane
Concen: 48.258 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047334.D
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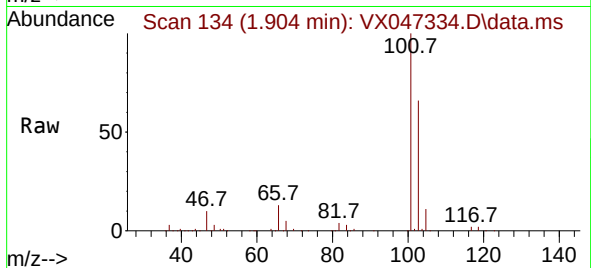
Tgt Ion: 64 Resp: 91875
Ion Ratio Lower Upper
64 100
66 33.9 25.0 37.6





#7
Trichlorofluoromethane
Concen: 49.717 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

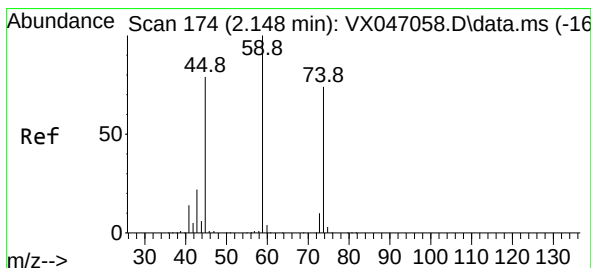
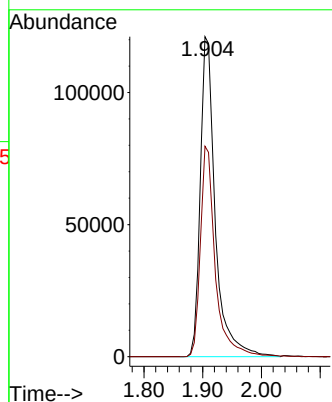
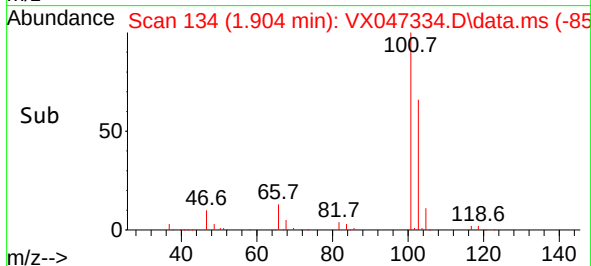
Instrument :
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Tgt Ion:101 Resp: 21489
Ion Ratio Lower Upper
101 100
103 65.8 50.9 76.3

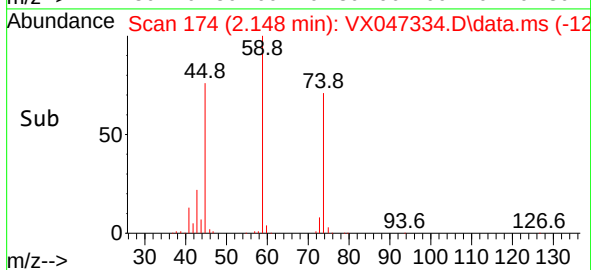
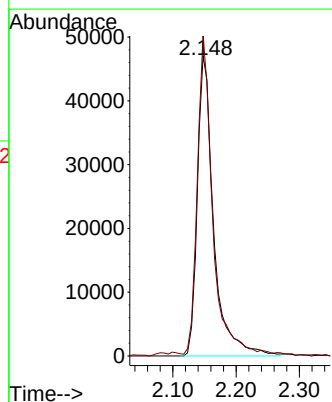
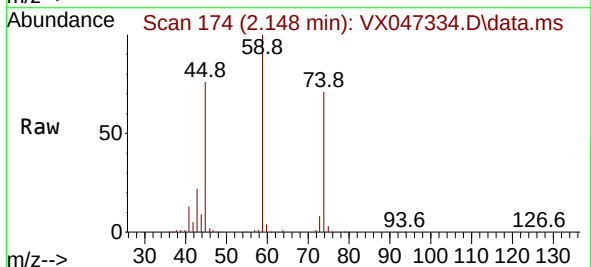
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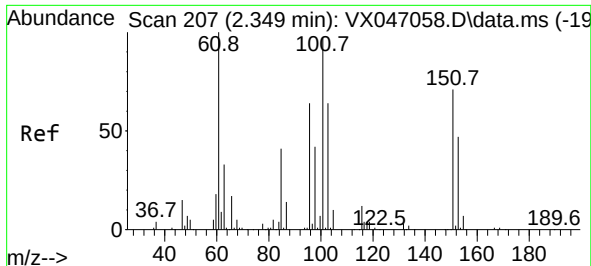
Reviewed By :John Carlone 08/14/2025
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#8
Diethyl Ether
Concen: 55.556 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 84668
Ion Ratio Lower Upper
74 100
45 100.3 53.0 159.0





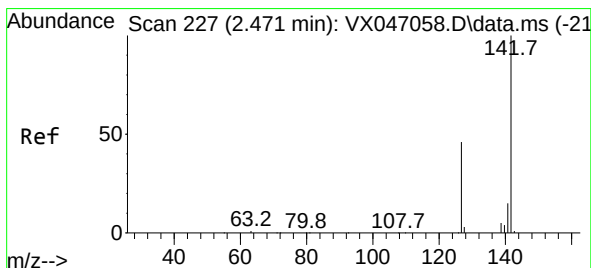
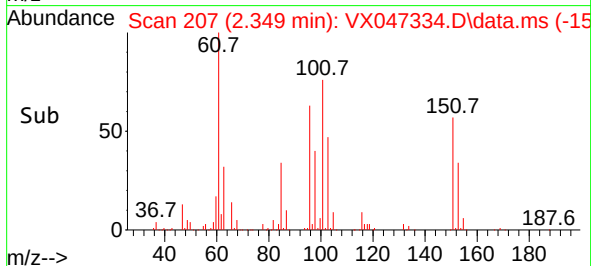
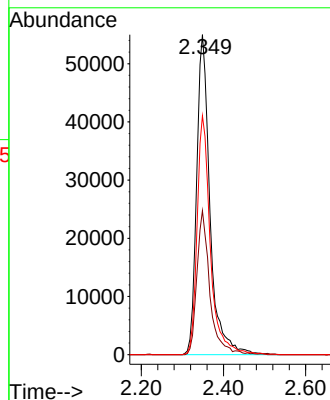
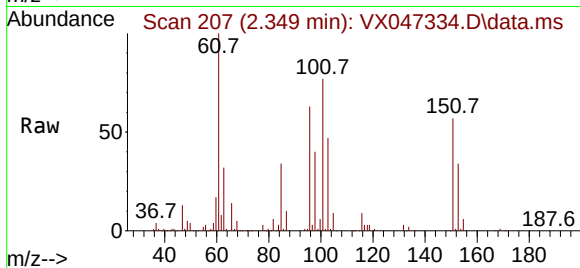
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.574 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12388
Ion Ratio Lower Upper
101 100
85 43.9 35.4 53.0
151 74.6 59.2 88.8

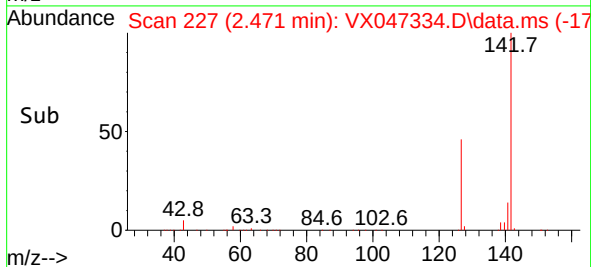
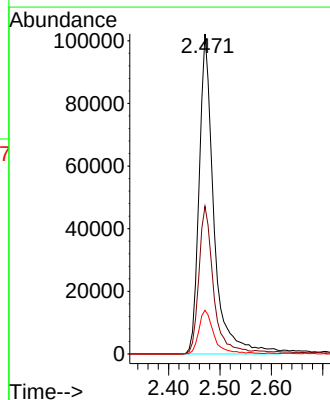
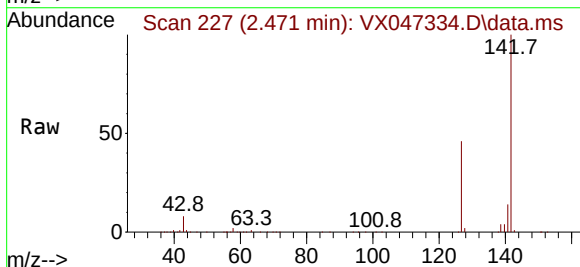
Manual Integrations
APPROVED

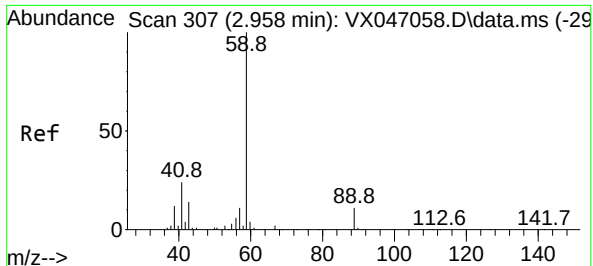
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#10
Methyl Iodide
Concen: 76.942 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Tgt Ion:142 Resp: 204203
Ion Ratio Lower Upper
142 100
127 45.6 36.6 54.8
141 14.1 10.9 16.3





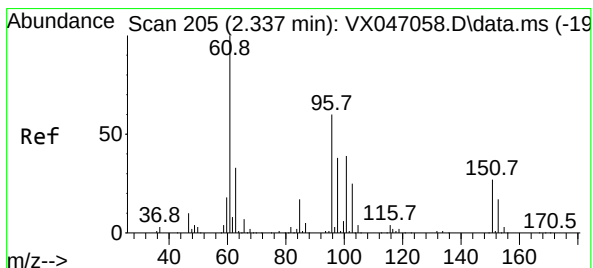
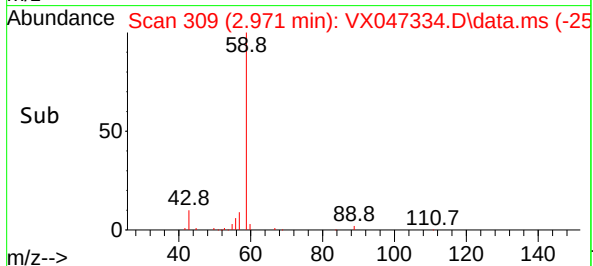
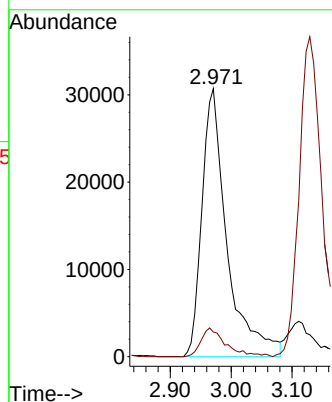
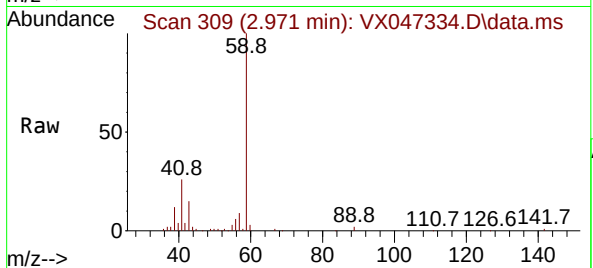
#11
Tert butyl alcohol
Concen: 296.193 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.013 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 8795
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

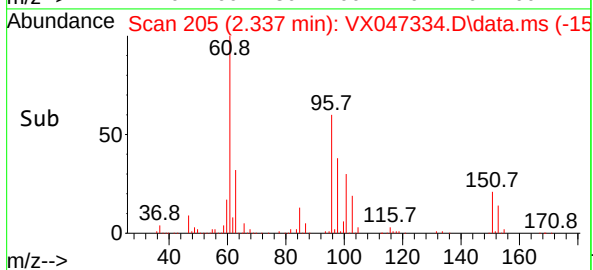
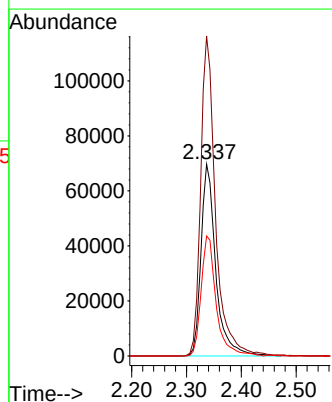
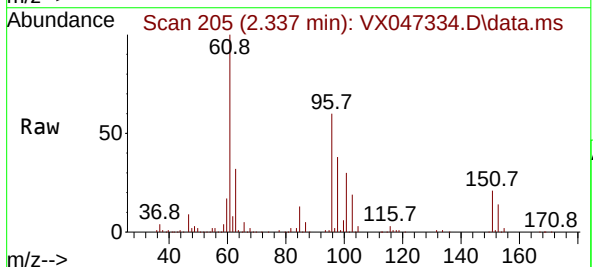
Manual Integrations
APPROVED

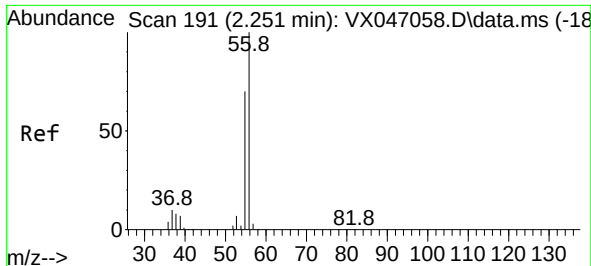
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#12
1,1-Dichloroethene
Concen: 50.675 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

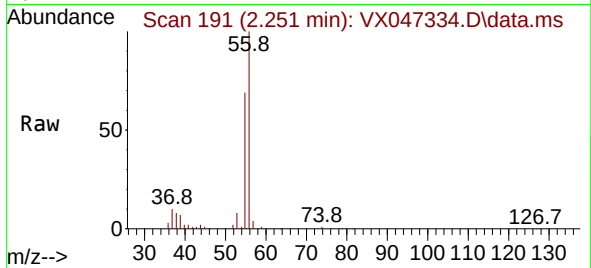
Tgt Ion: 96 Resp: 130702
Ion Ratio Lower Upper
96 100
61 166.8 132.6 198.8
98 62.6 50.2 75.4





#13
Acrolein
Concen: 238.735 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

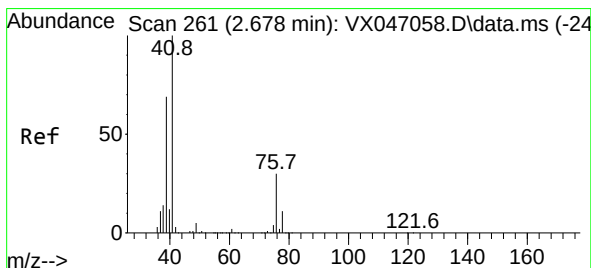
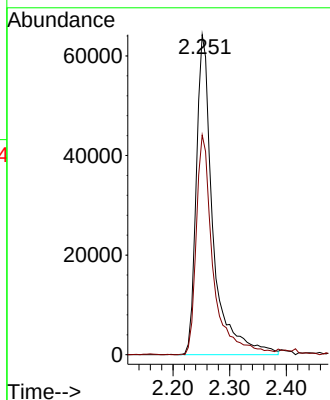
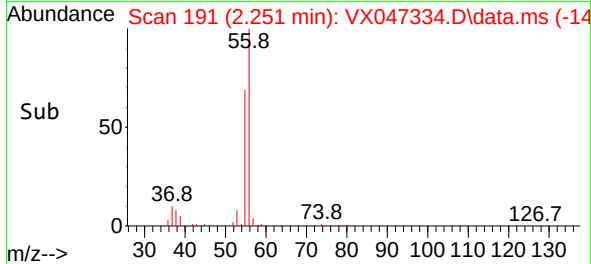
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 131419
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5

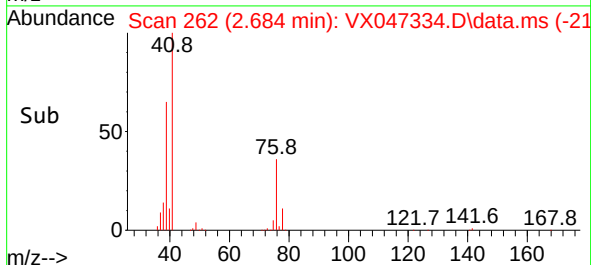
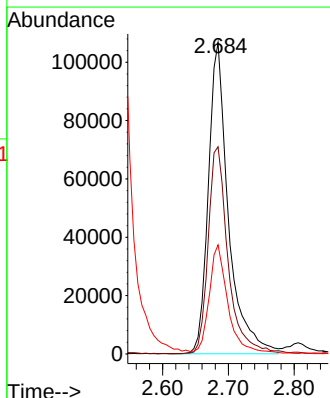
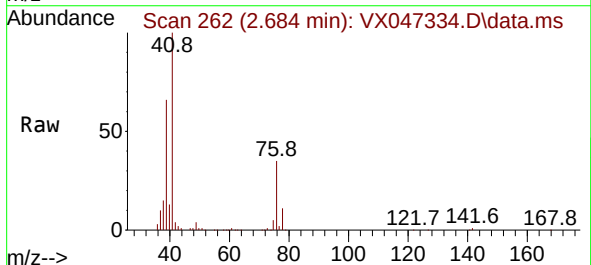
Manual Integrations
APPROVED

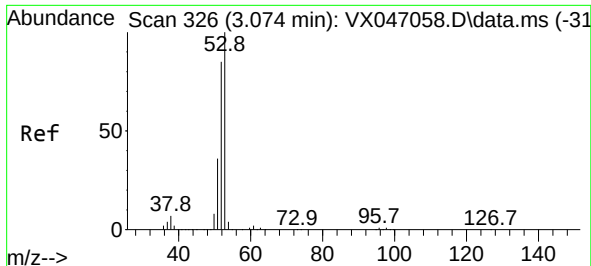
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#14
Allyl chloride
Concen: 48.725 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

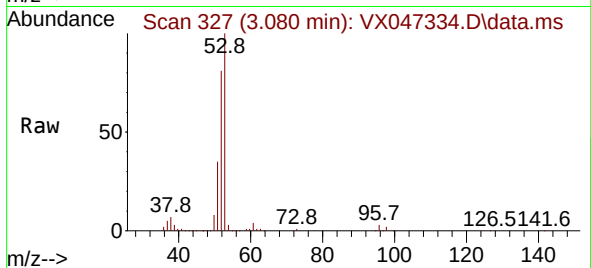
Tgt Ion: 41 Resp: 227169
Ion Ratio Lower Upper
41 100
39 65.9 52.6 78.8
76 32.7 25.7 38.5





#15
Acrylonitrile
Concen: 304.062 ug/l
RT: 3.080 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

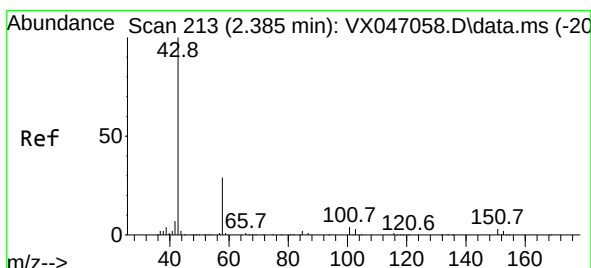
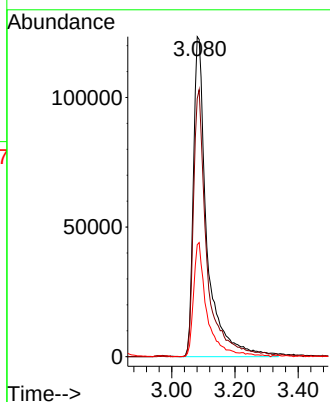
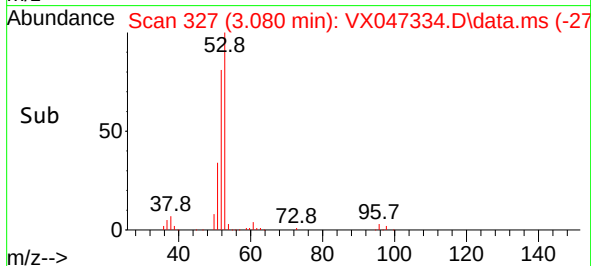
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 370745
Ion Ratio Lower Upper
53 100
52 82.1 65.7 98.5
51 35.7 28.8 43.2

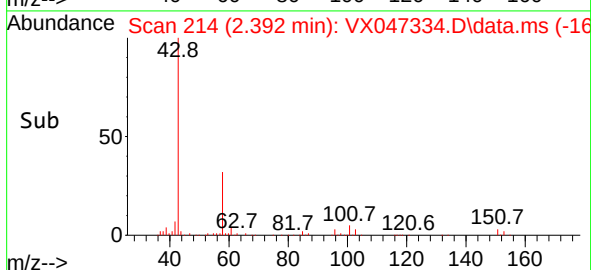
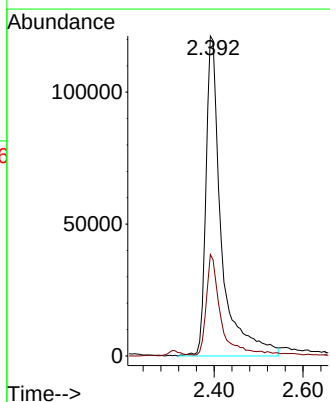
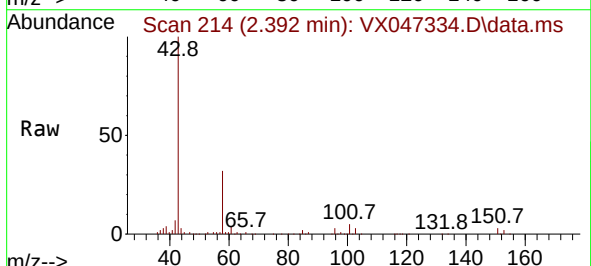
Manual Integrations
APPROVED

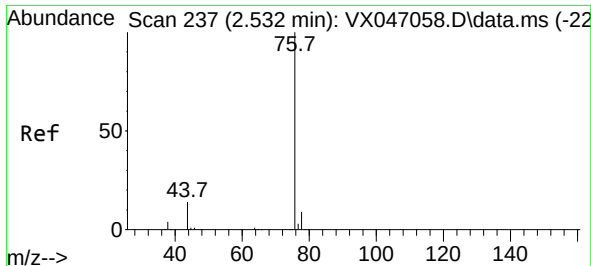
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#16
Acetone
Concen: 288.492 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

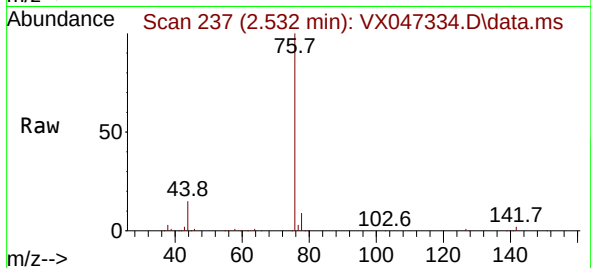
Tgt Ion: 43 Resp: 295467
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0





#17
Carbon Disulfide
Concen: 47.874 ug/l
RT: 2.532 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

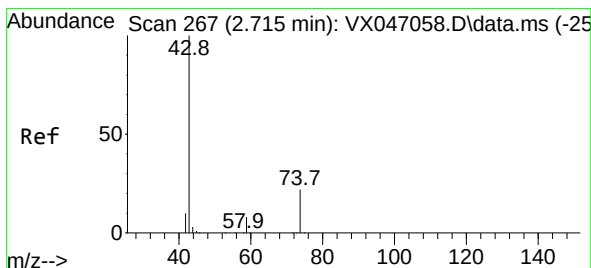
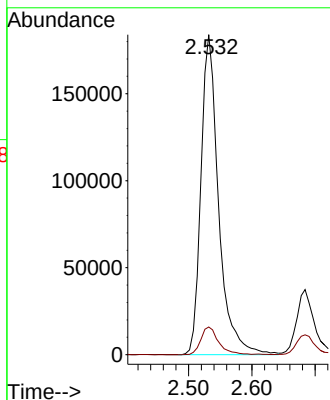
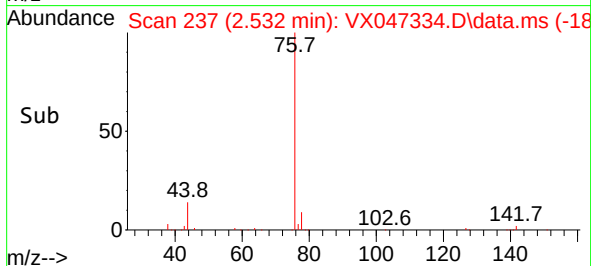
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 35721
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

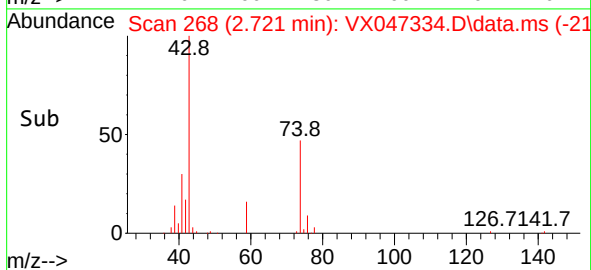
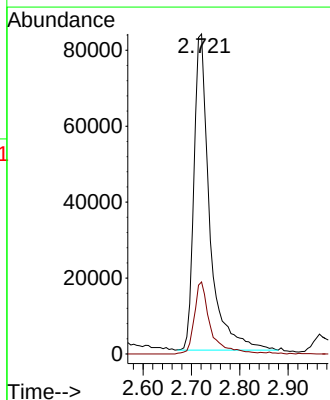
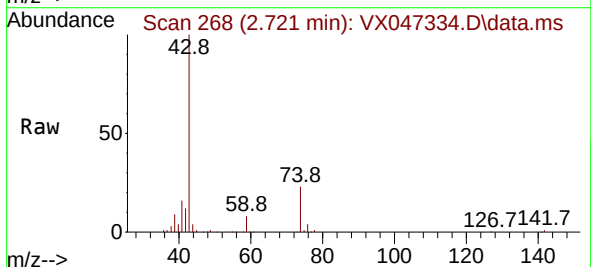
Manual Integrations
APPROVED

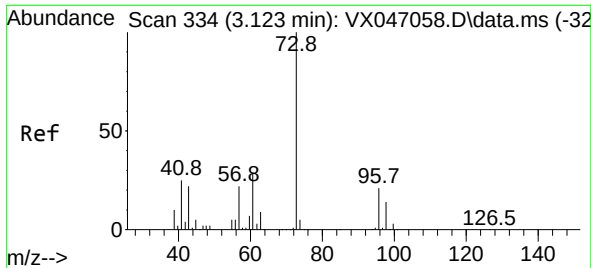
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#18
Methyl Acetate
Concen: 69.057 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Tgt Ion: 43 Resp: 187953
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5





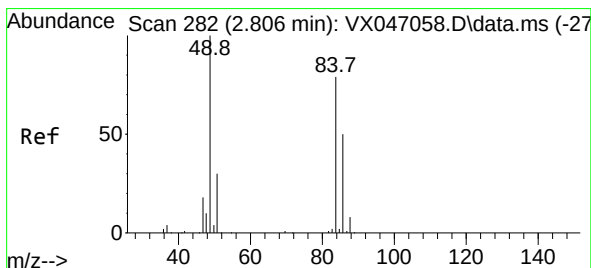
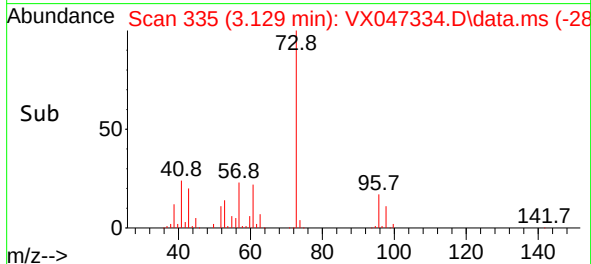
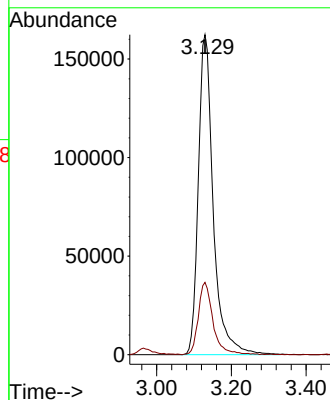
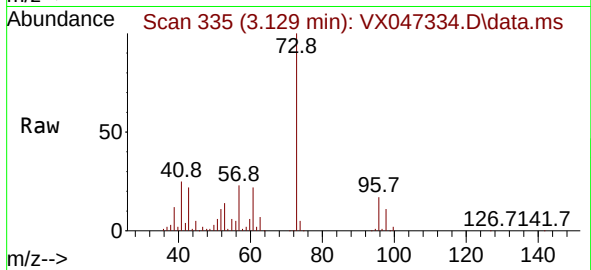
#19
Methyl tert-butyl Ether
Concen: 57.288 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 449689
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

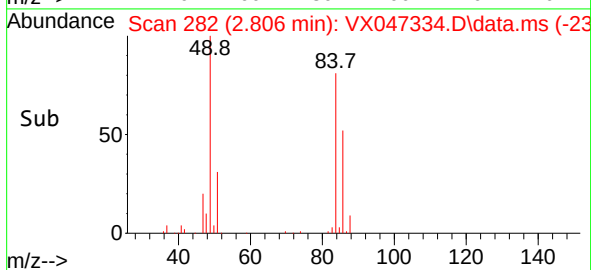
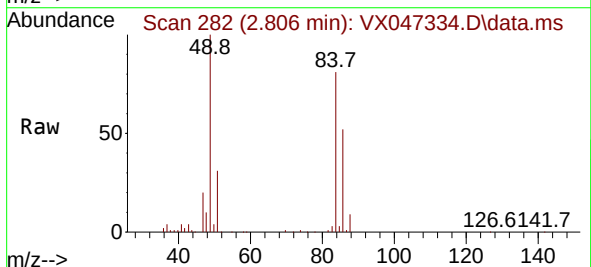
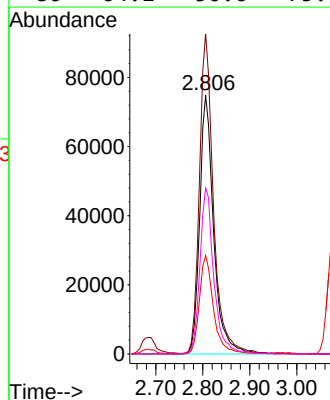
Manual Integrations
APPROVED

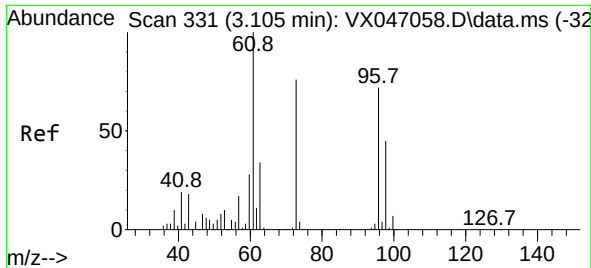
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#20
Methylene Chloride
Concen: 55.207 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

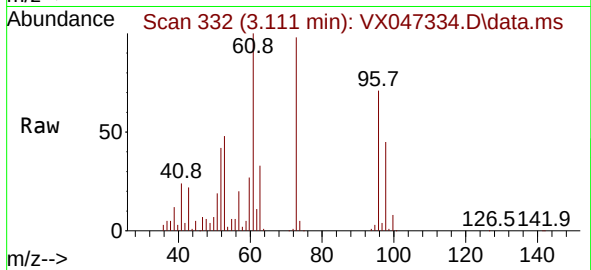
Tgt Ion: 84 Resp: 155553
Ion Ratio Lower Upper
84 100
49 123.5 101.6 152.4
51 37.9 30.3 45.5
86 64.1 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 53.013 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

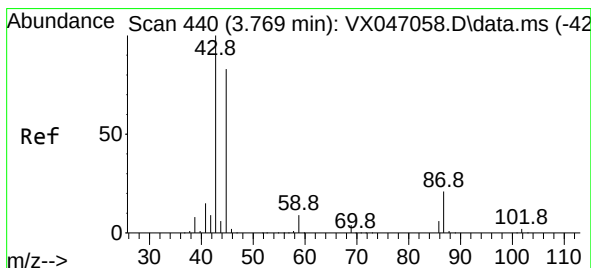
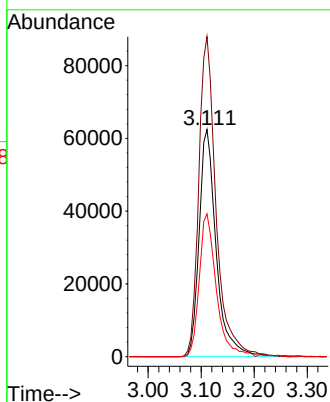
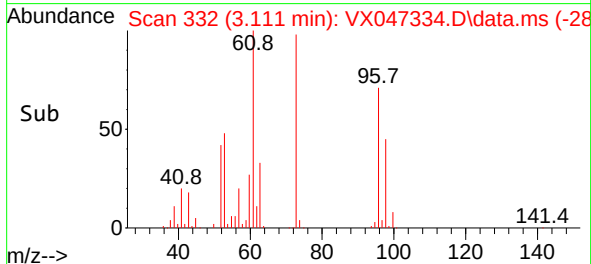
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 139920
Ion Ratio Lower Upper
96 100
61 140.8 111.1 166.7
98 64.7 49.6 74.4

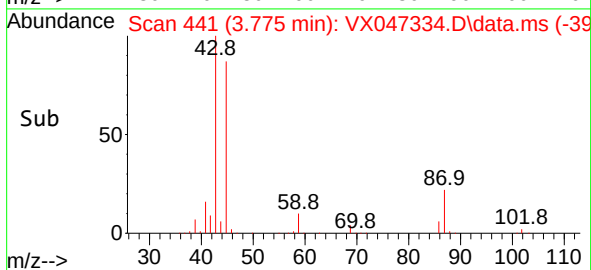
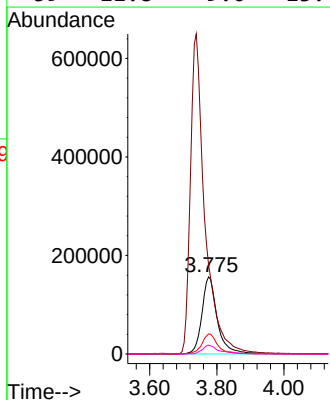
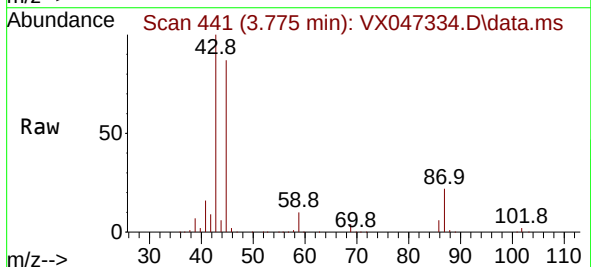
Manual Integrations
APPROVED

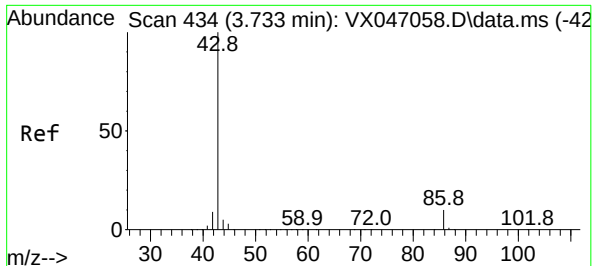
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#22
Diisopropyl ether
Concen: 55.568 ug/l
RT: 3.775 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

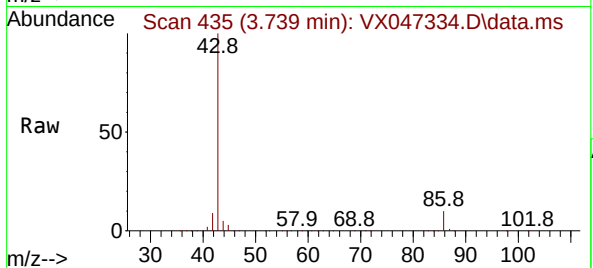
Tgt Ion: 45 Resp: 498100
Ion Ratio Lower Upper
45 100
43 115.2 96.8 145.2
87 25.9 20.5 30.7
59 11.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 271.550 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX047334.D
 Acq: 13 Aug 2025 19:50

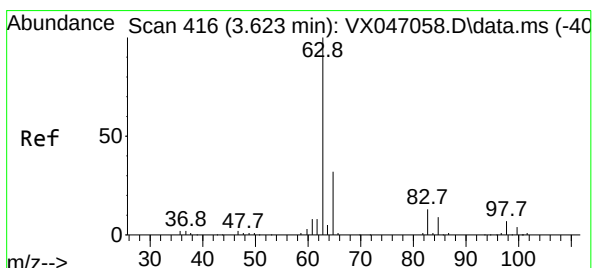
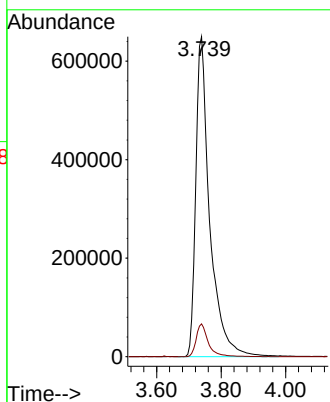
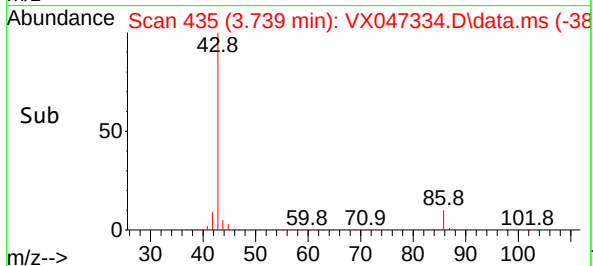
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



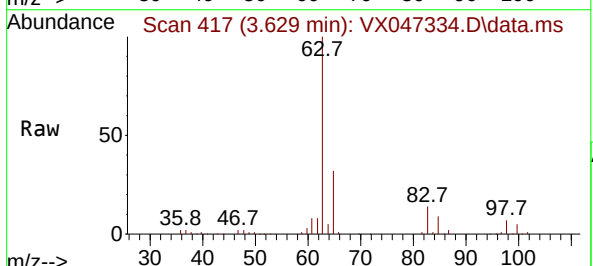
Tgt Ion: 43 Resp: 195231
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.1 12.1

Manual Integrations
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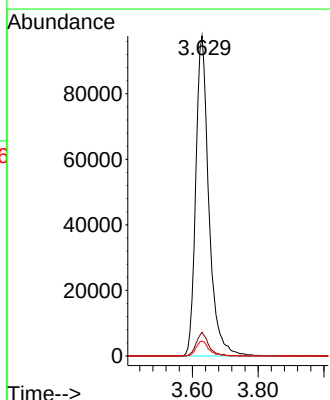
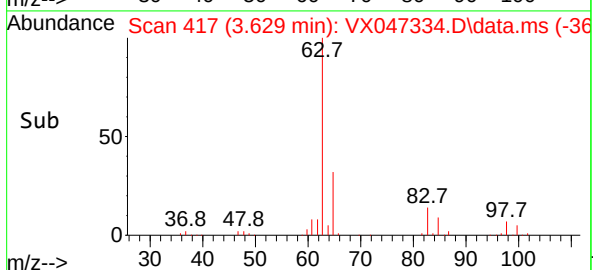
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

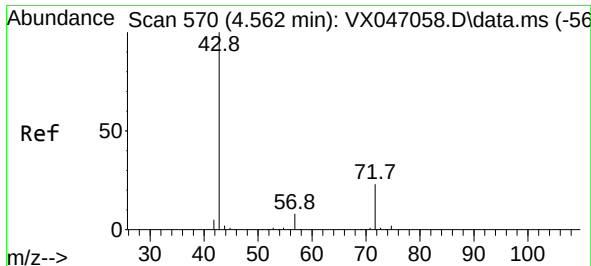


#24
 1,1-Dichloroethane
 Concen: 54.022 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: VX047334.D
 Acq: 13 Aug 2025 19:50



Tgt Ion: 63 Resp: 269276
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.7 2.3 6.8





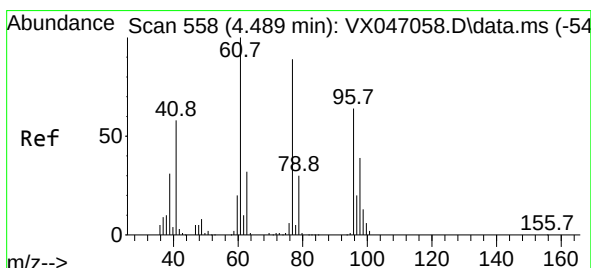
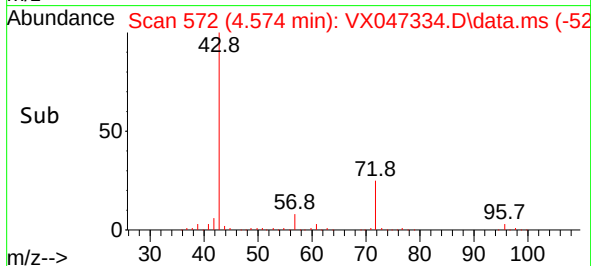
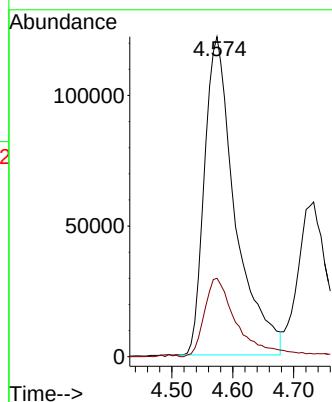
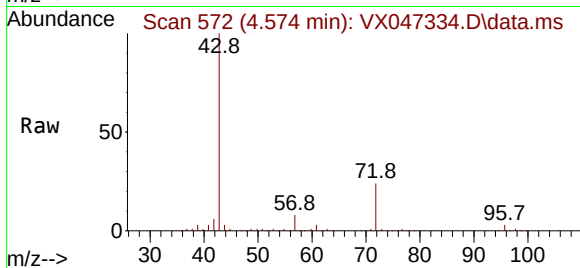
#25
2-Butanone
Concen: 286.642 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 427460
Ion Ratio Lower Upper
43 100
72 24.6 18.8 28.2

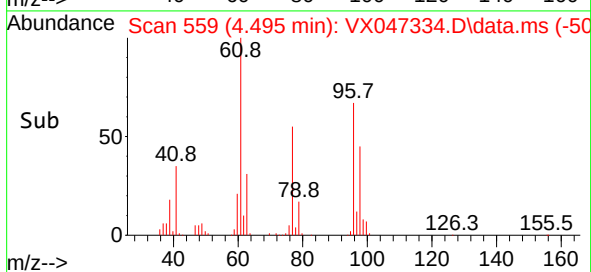
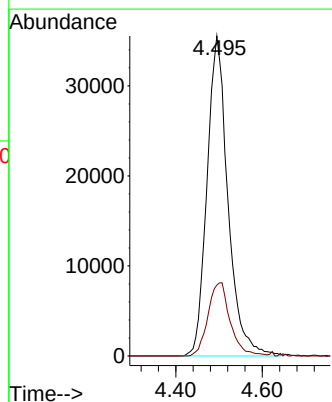
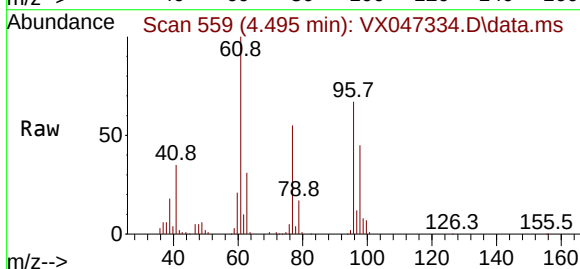
Manual Integrations
APPROVED

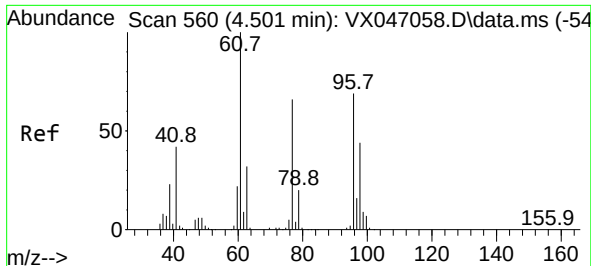
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#26
2,2-Dichloropropane
Concen: 30.943 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Tgt Ion: 77 Resp: 119393
Ion Ratio Lower Upper
77 100
97 24.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 54.770 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 171179

Ion Ratio Lower Upper

96 100

61 137.8 0.0 298.6

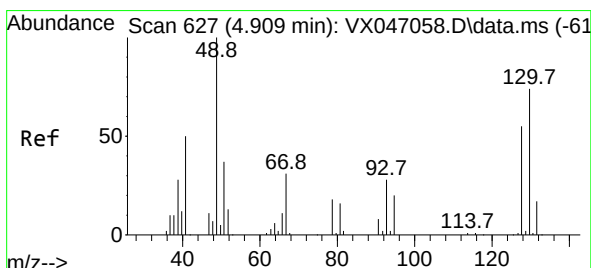
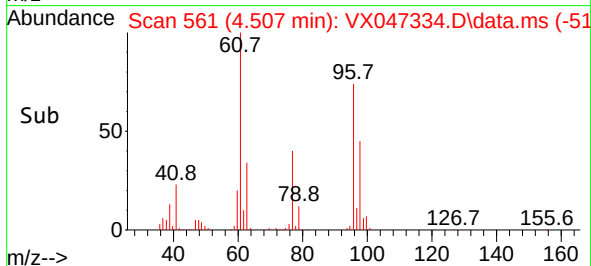
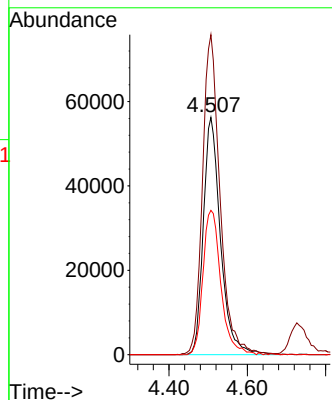
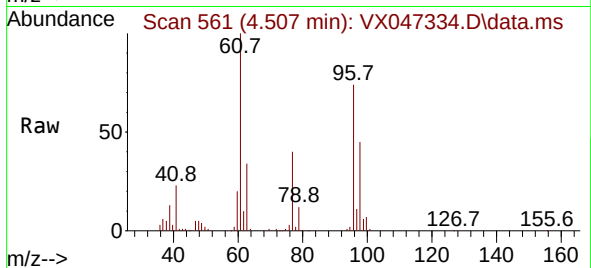
98 63.3 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#28

Bromochloromethane

Concen: 57.062 ug/l

RT: 4.915 min Scan# 628

Delta R.T. 0.006 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

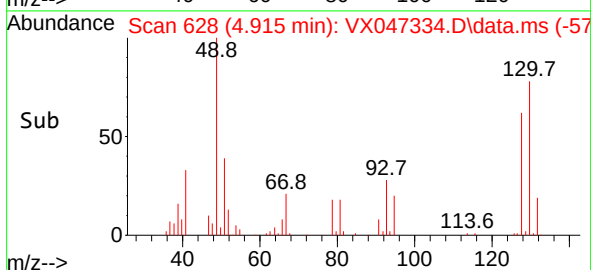
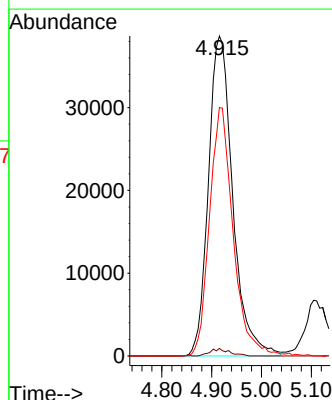
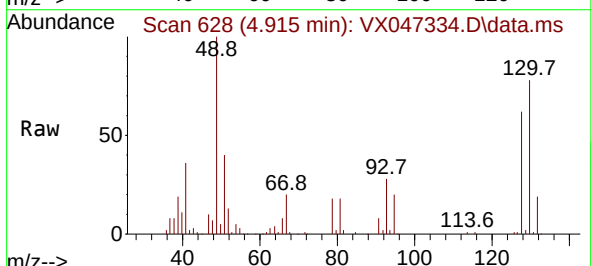
Tgt Ion: 49 Resp: 130854

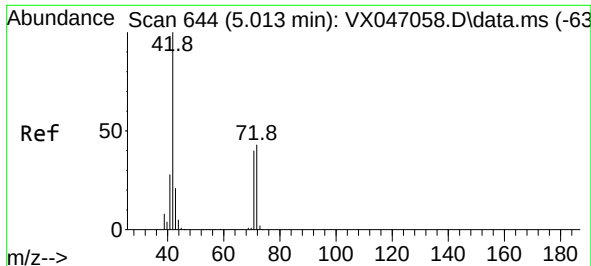
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 75.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 293.999 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX047334.D

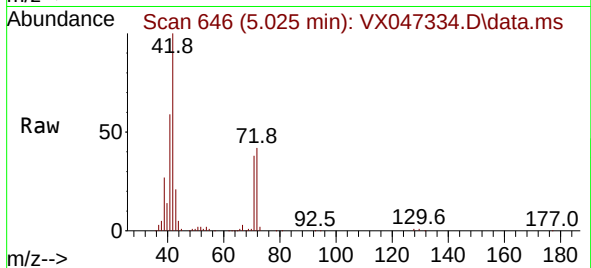
Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 282880

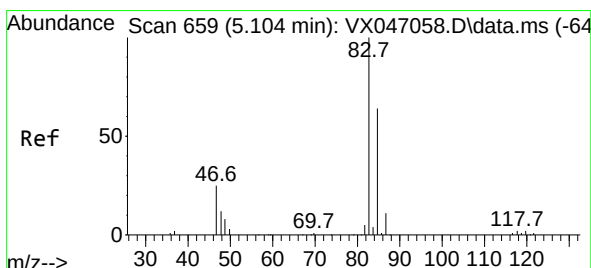
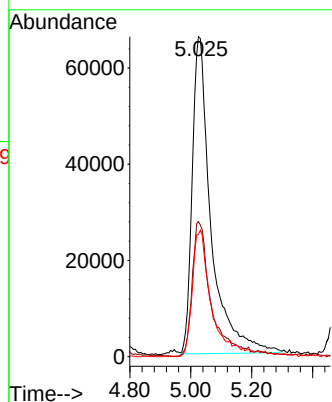
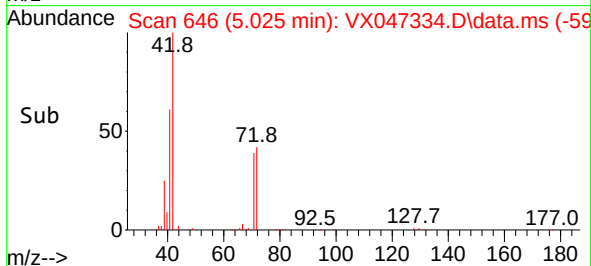
Ion	Ratio	Lower	Upper
42	100		
72	43.2	33.7	50.5
71	40.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#30

Chloroform

Concen: 54.310 ug/l

RT: 5.111 min Scan# 660

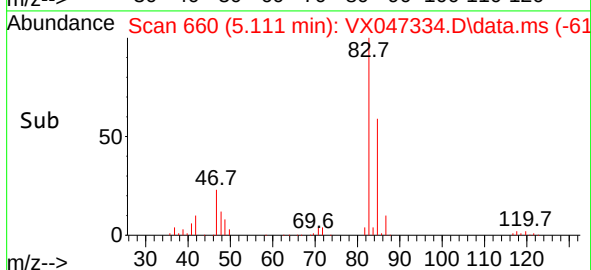
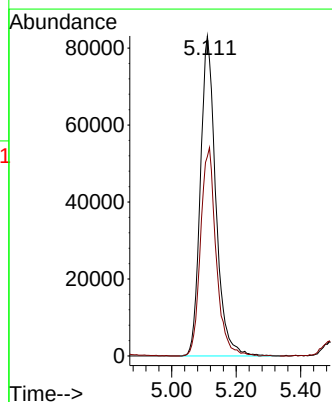
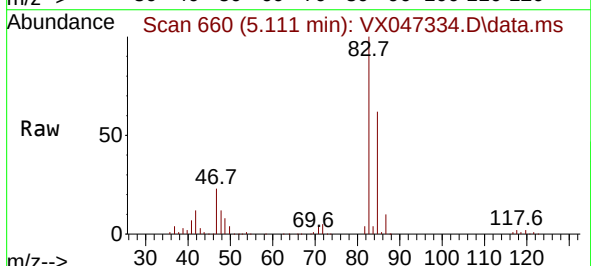
Delta R.T. 0.006 min

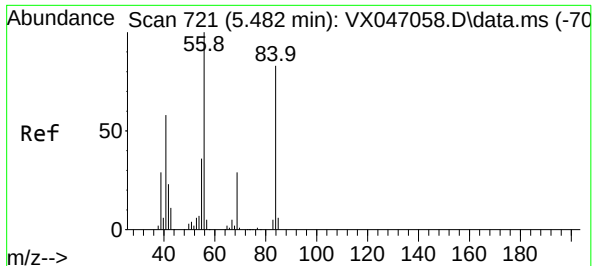
Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Tgt Ion: 83 Resp: 275564

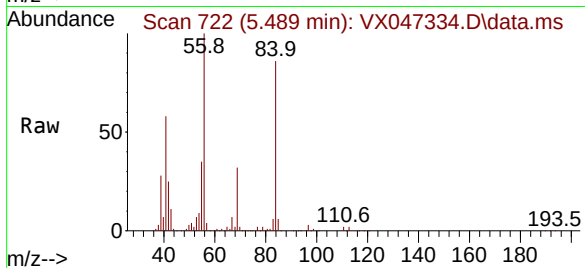
Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.9	76.3





#31
Cyclohexane
Concen: 45.987 ug/l
RT: 5.489 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

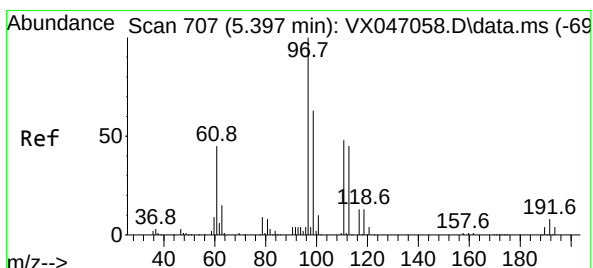
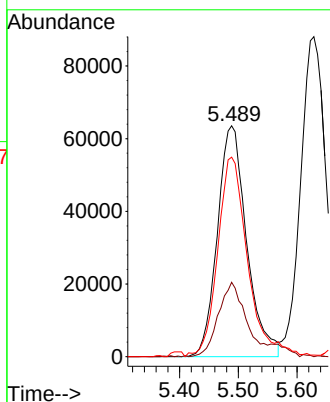
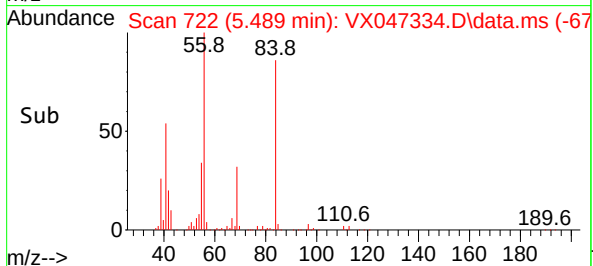
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 21979
Ion Ratio Lower Upper
56 100
69 32.0 23.3 34.9
84 84.3 66.5 99.7

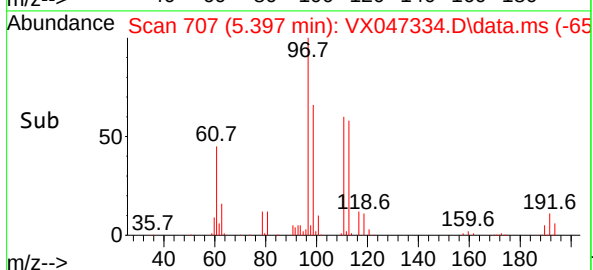
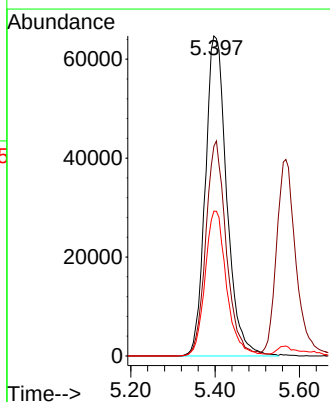
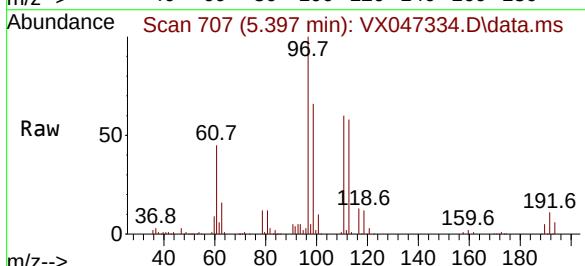
Manual Integrations
APPROVED

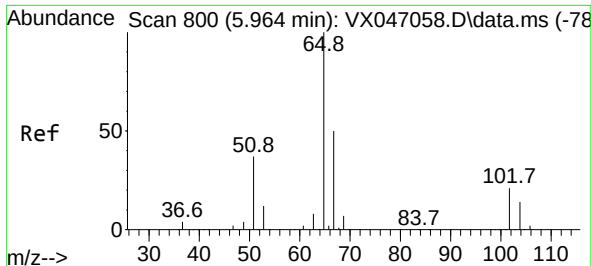
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#32
1,1,1-Trichloroethane
Concen: 51.894 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Tgt Ion: 97 Resp: 228701
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 45.5 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 56.170 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 14360

Ion Ratio Lower Upper

65 100

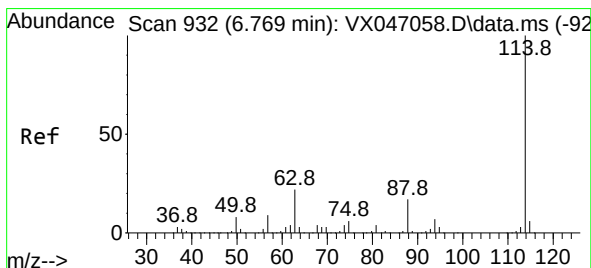
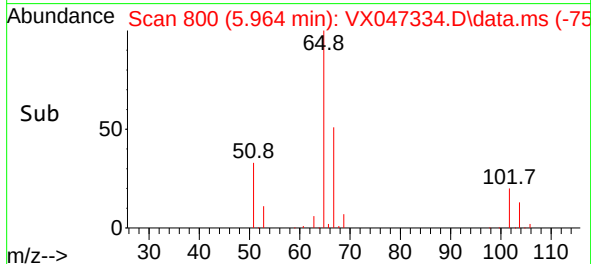
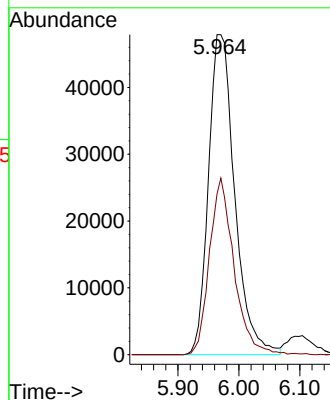
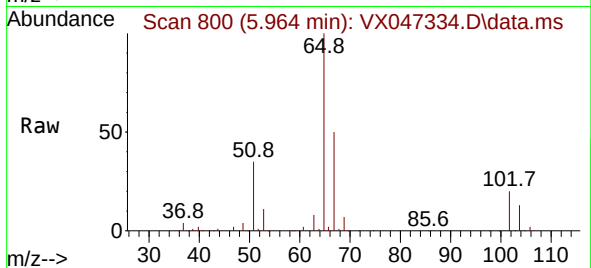
67 51.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

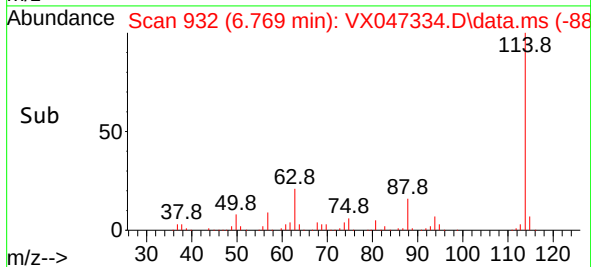
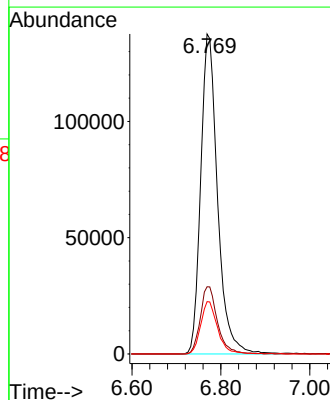
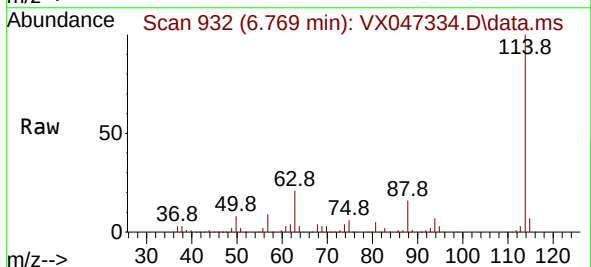
Tgt Ion:114 Resp: 362249

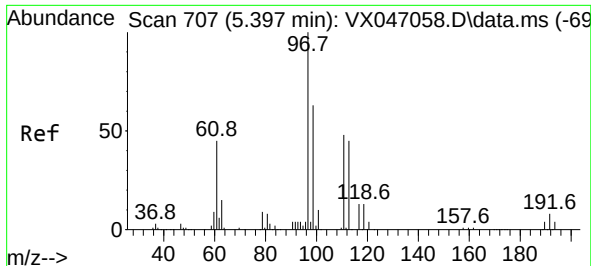
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

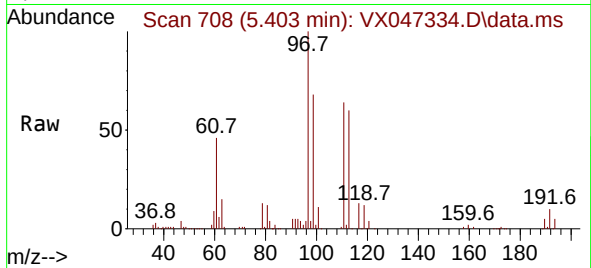
88 16.4 0.0 33.8





#35
Dibromofluoromethane
Concen: 56.338 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

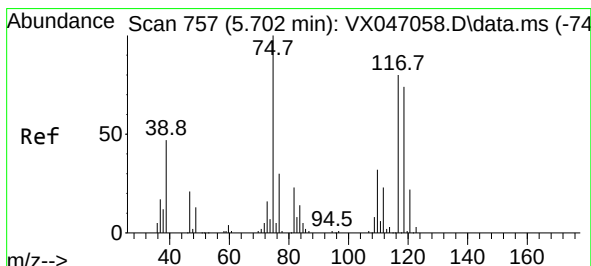
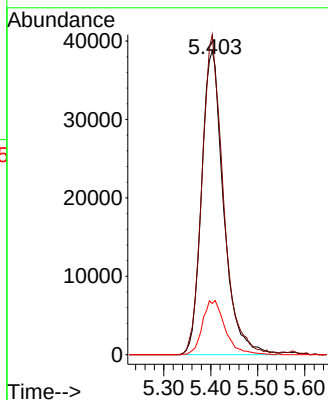
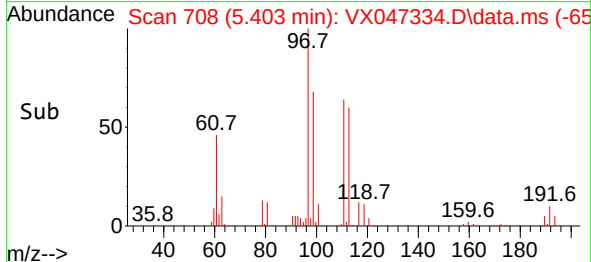
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 12600
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.4 14.9 22.3

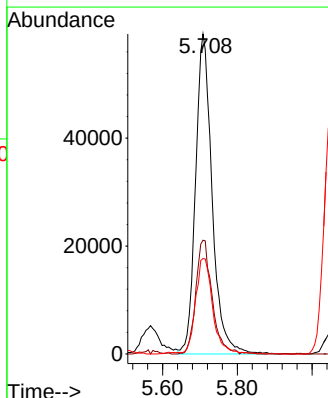
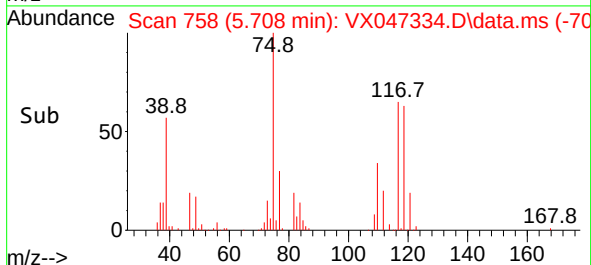
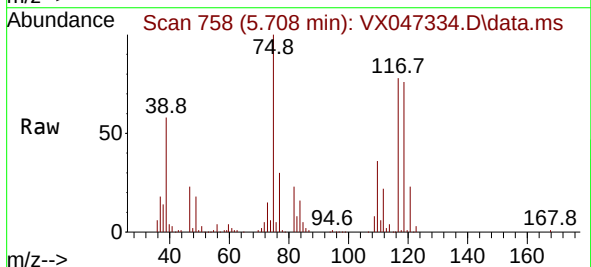
Manual Integrations
APPROVED

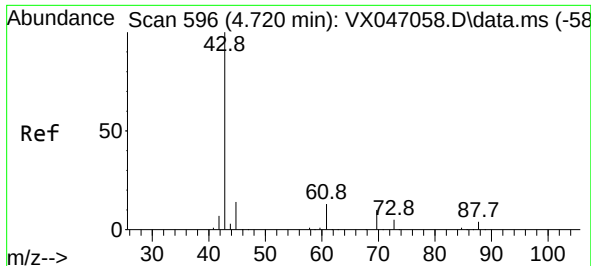
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#36
1,1-Dichloropropene
Concen: 47.746 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Tgt Ion: 75 Resp: 182035
Ion Ratio Lower Upper
75 100
110 34.9 17.2 51.5
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 61.671 ug/l

RT: 4.733 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 21665

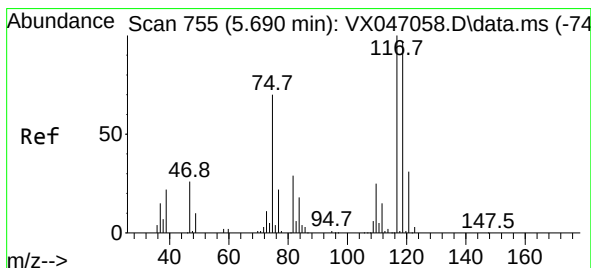
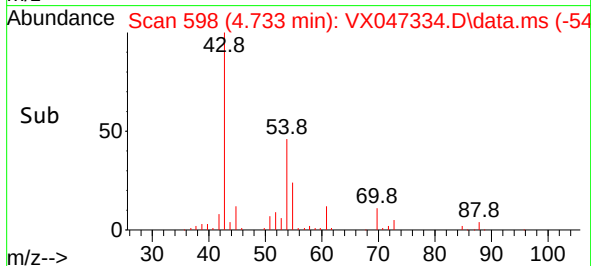
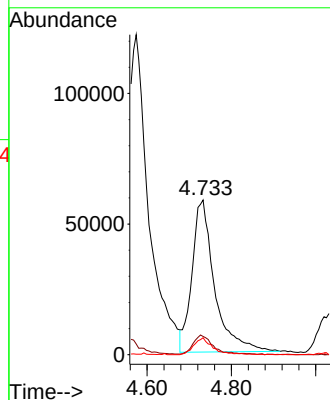
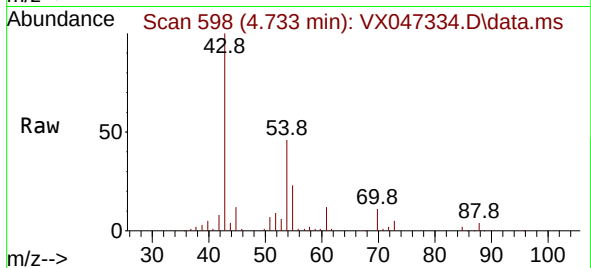
Ion	Ratio	Lower	Upper
43	100		
61	11.0	10.2	15.2
70	9.3	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#38

Carbon Tetrachloride

Concen: 48.436 ug/l

RT: 5.690 min Scan# 755

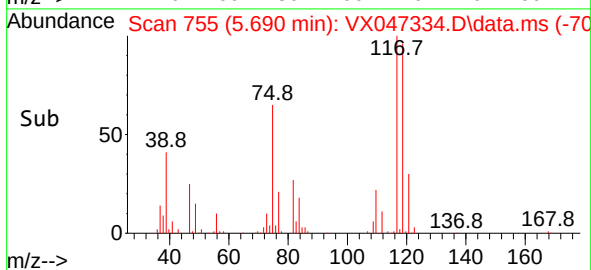
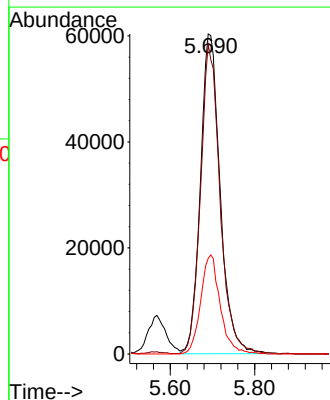
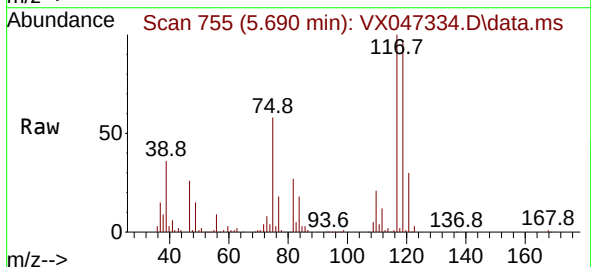
Delta R.T. 0.000 min

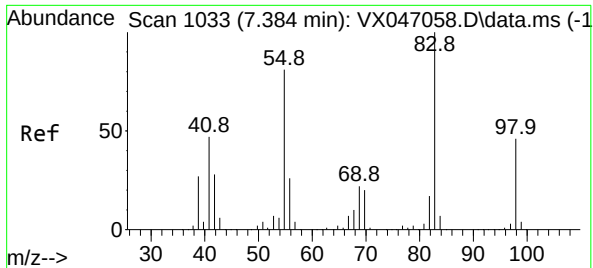
Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Tgt Ion:117 Resp: 197096

Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.6	115.0
121	29.9	24.4	36.6





#39

Methylcyclohexane

Concen: 42.990 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 20464

Ion Ratio Lower Upper

83 100

55 73.6 64.5 96.7

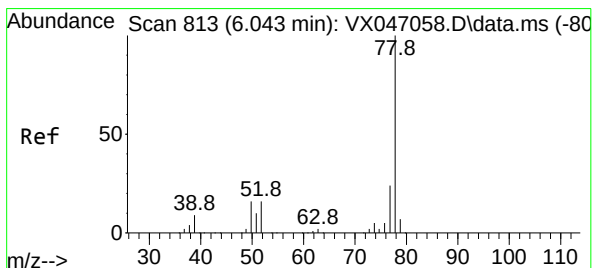
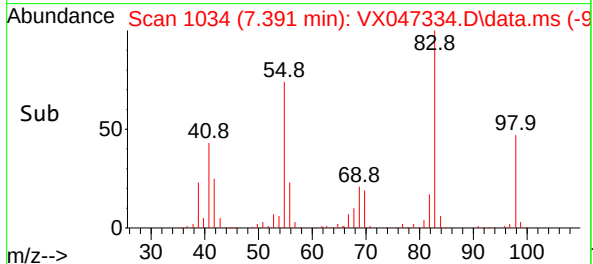
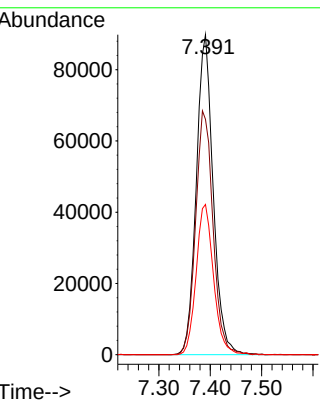
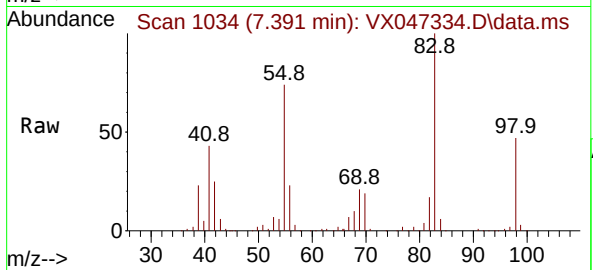
98 46.9 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#40

Benzene

Concen: 52.258 ug/l

RT: 6.049 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX047334.D

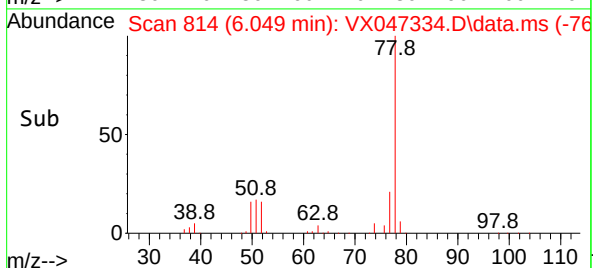
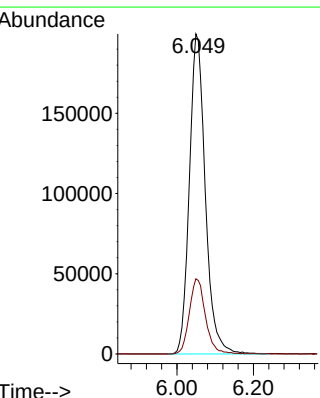
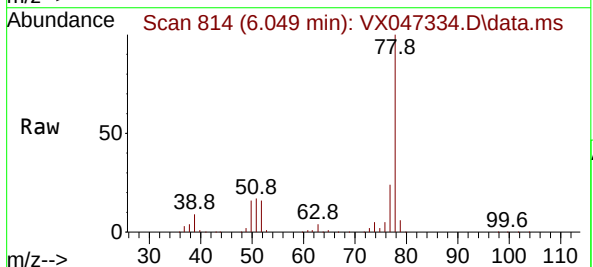
Acq: 13 Aug 2025 19:50

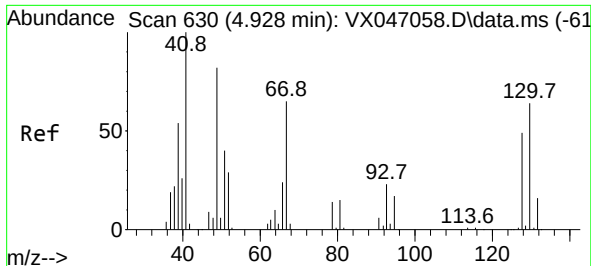
Tgt Ion: 78 Resp: 576594

Ion Ratio Lower Upper

78 100

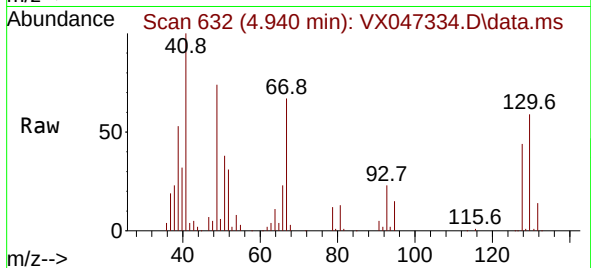
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 53.704 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

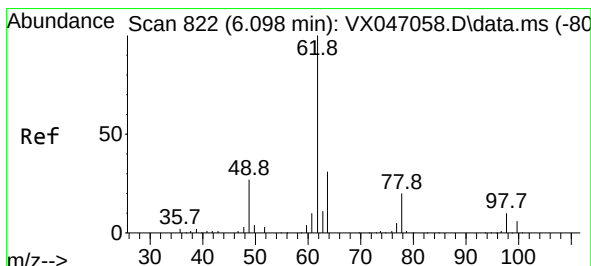
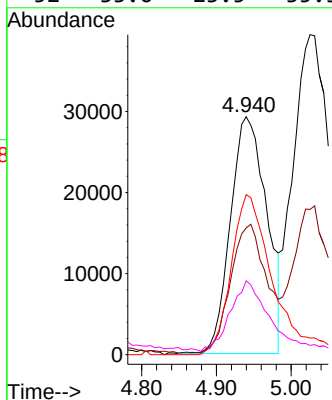
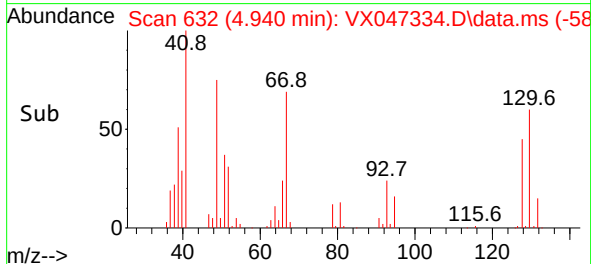
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 9864
Ion Ratio Lower Upper
41 100
39 53.6 44.2 66.2
67 79.5 56.4 84.6
52 33.6 23.5 35.3

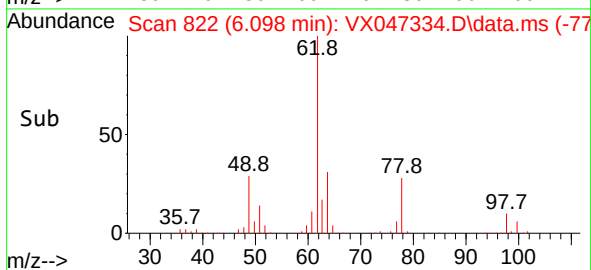
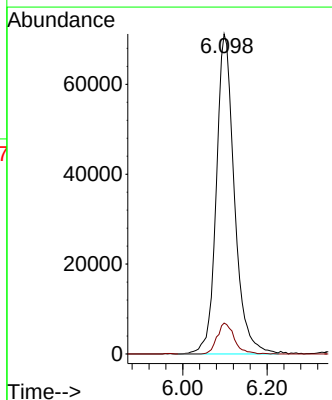
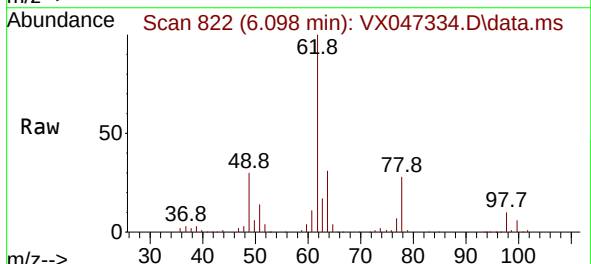
Manual Integrations
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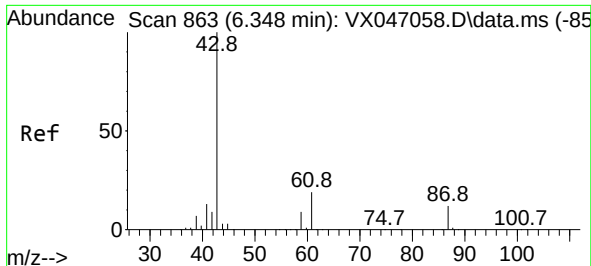
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#42
1,2-Dichloroethane
Concen: 54.449 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

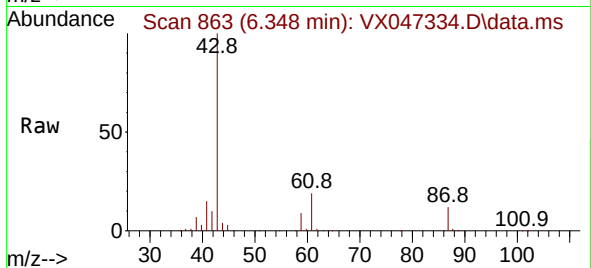
Tgt Ion: 62 Resp: 211626
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8





#43
Isopropyl Acetate
Concen: 58.771 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

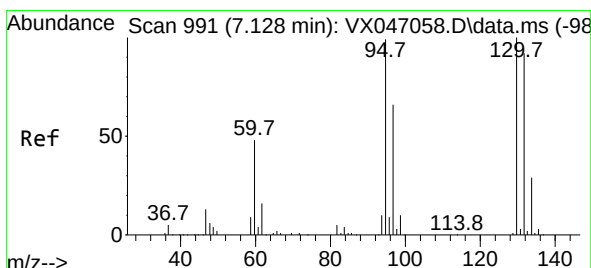
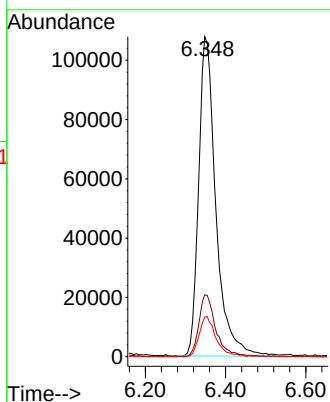
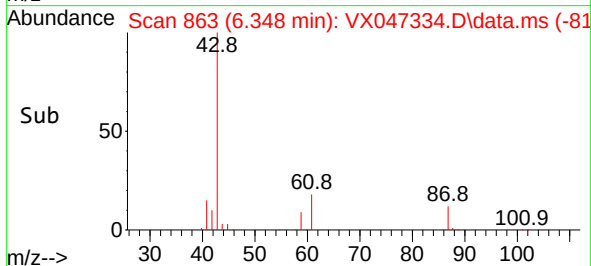
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 321870
Ion Ratio Lower Upper
43 100
61 19.1 15.1 22.7
87 12.2 9.7 14.5

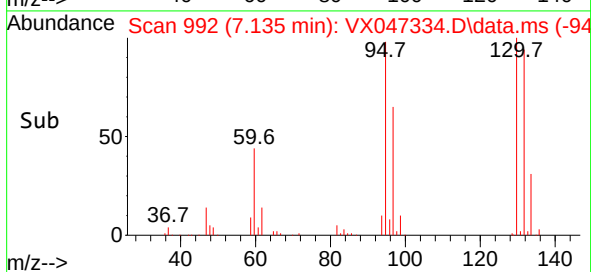
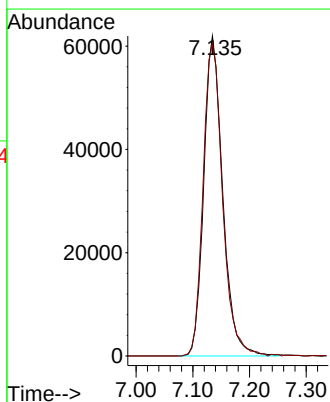
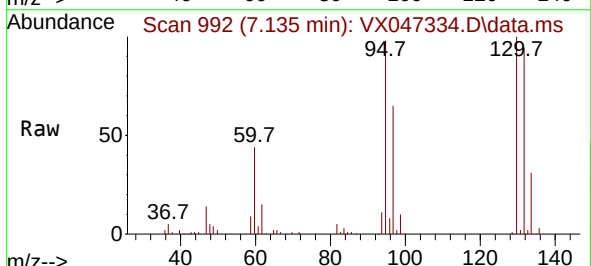
Manual Integrations
APPROVED

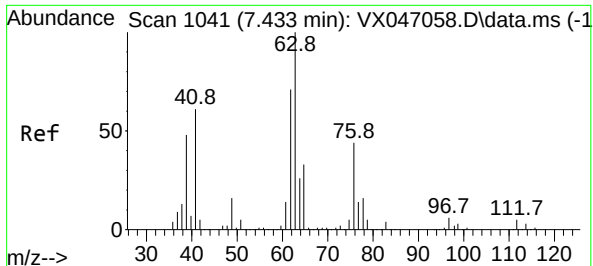
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#44
Trichloroethene
Concen: 50.839 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Tgt Ion:130 Resp: 143842
Ion Ratio Lower Upper
130 100
95 97.8 0.0 198.6





#45

1,2-Dichloropropane

Concen: 53.617 ug/l

RT: 7.439 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14816

Ion Ratio Lower Upper

63 100

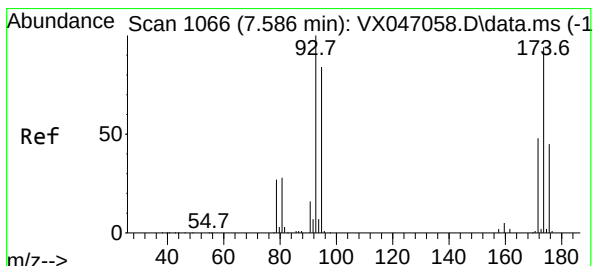
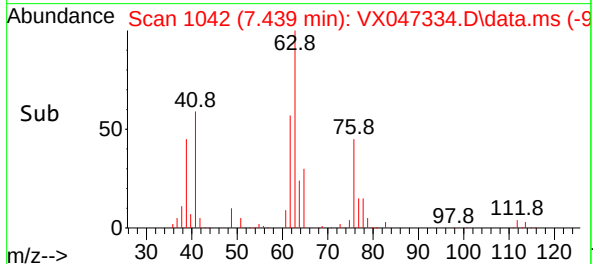
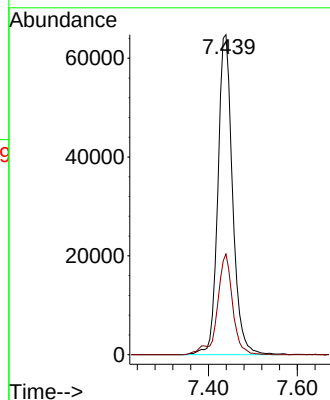
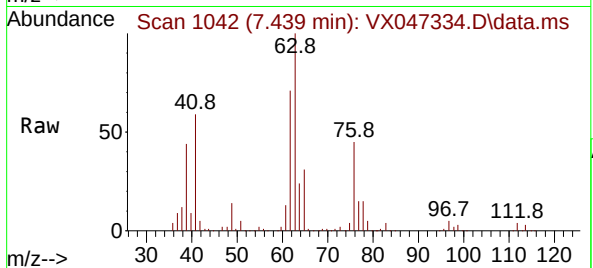
65 31.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#46

Dibromomethane

Concen: 56.394 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

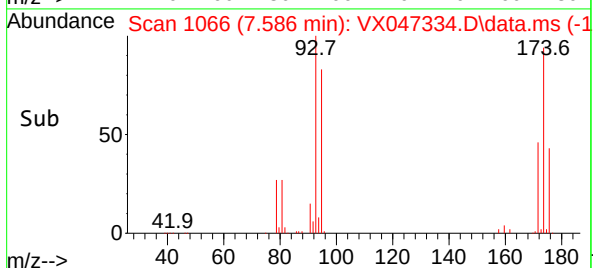
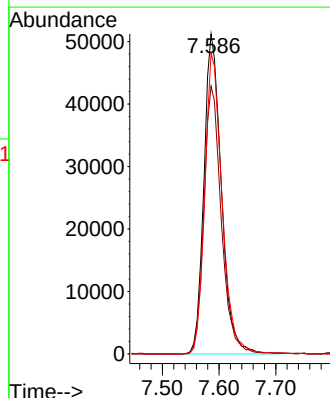
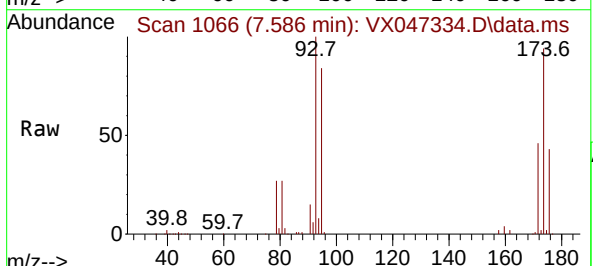
Tgt Ion: 93 Resp: 109285

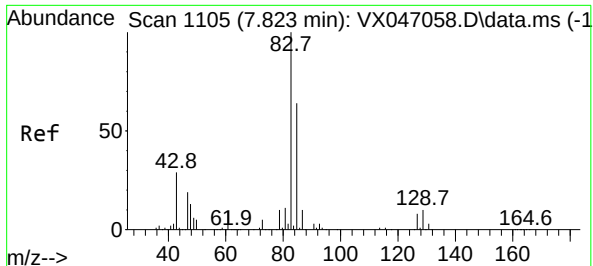
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 93.5 74.6 112.0





#47

Bromodichloromethane

Concen: 53.726 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

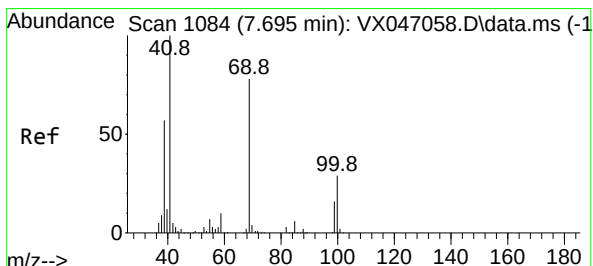
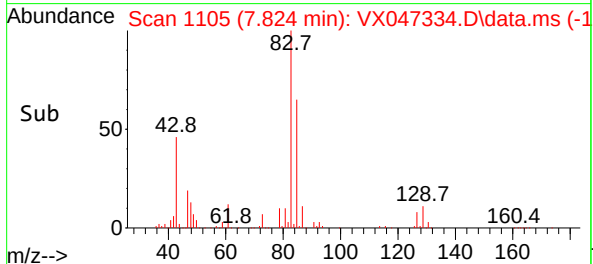
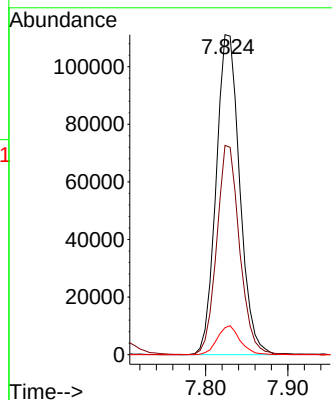
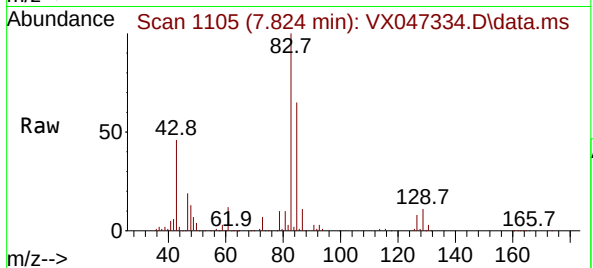
Tgt Ion:	83	Resp:	22160
Ion Ratio	Lower	Upper	
83	100		
85	66.3	49.9	74.9
127	8.4	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#48

Methyl methacrylate

Concen: 55.869 ug/l

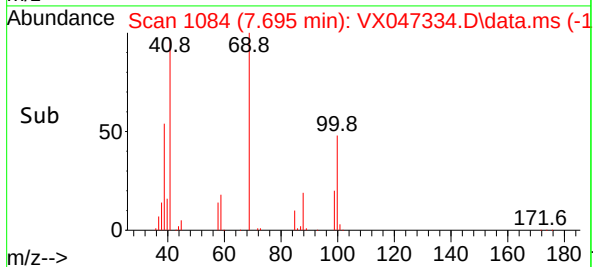
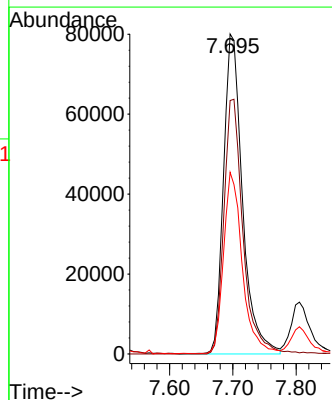
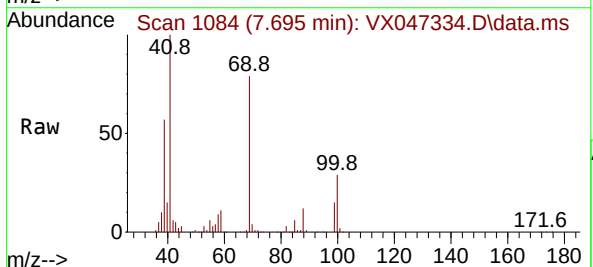
RT: 7.695 min Scan# 1084

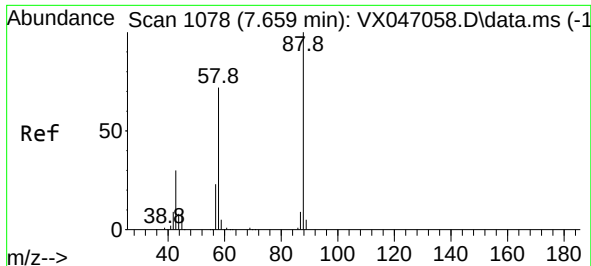
Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Tgt Ion:	41	Resp:	166691
Ion Ratio	Lower	Upper	
41	100		
69	80.1	62.3	93.5
39	56.0	44.8	67.2





#49

1,4-Dioxane

Concen: 1096.675 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

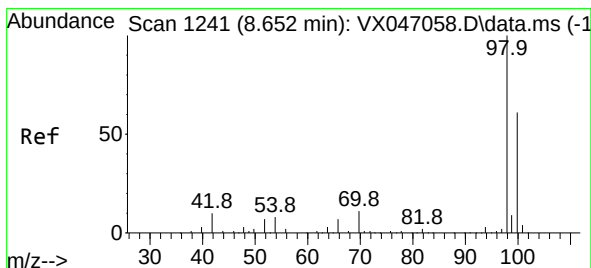
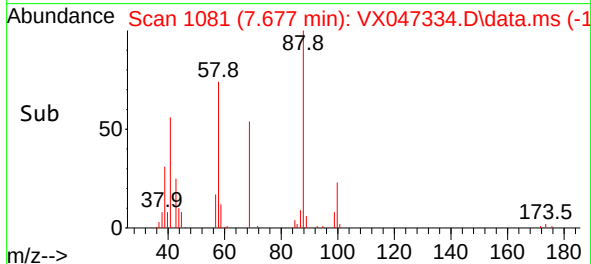
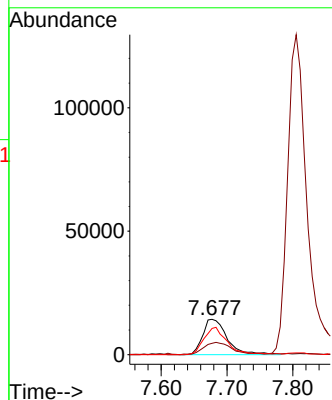
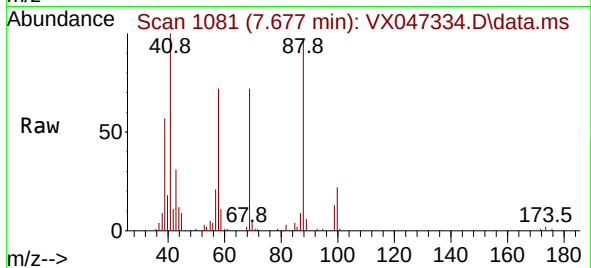
Tgt Ion:	88	Resp:	3721
Ion	Ratio	Lower	Upper
88	100		
43	40.2	33.6	50.4
58	72.9	58.8	88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#50

Toluene-d8

Concen: 48.401 ug/l

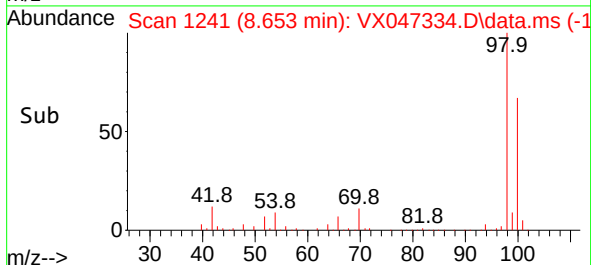
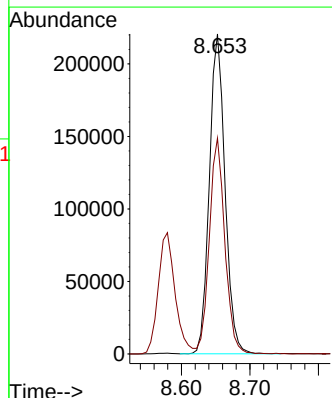
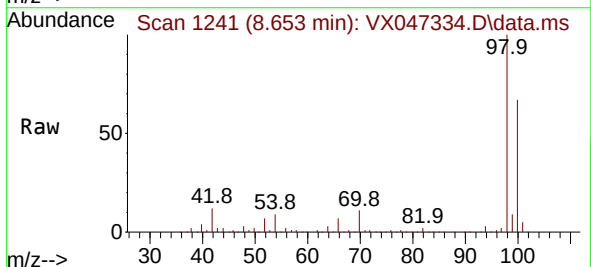
RT: 8.653 min Scan# 1241

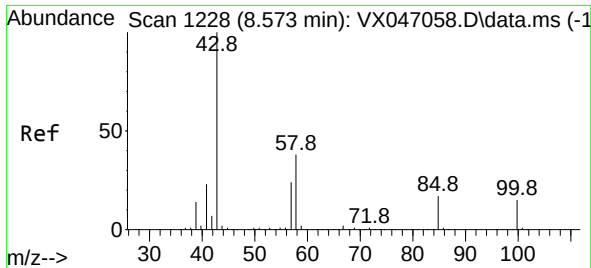
Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Tgt Ion:	98	Resp:	350581
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.3	79.9





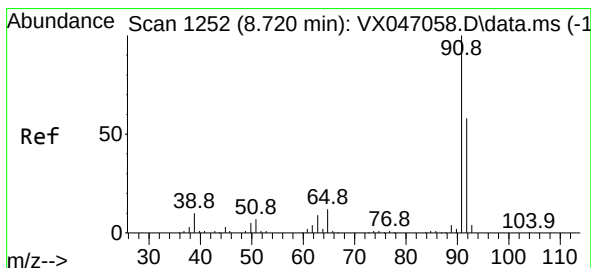
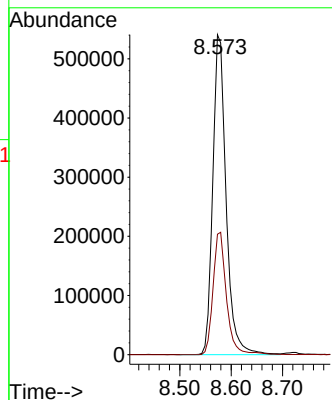
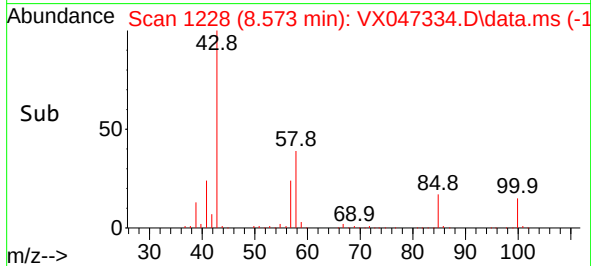
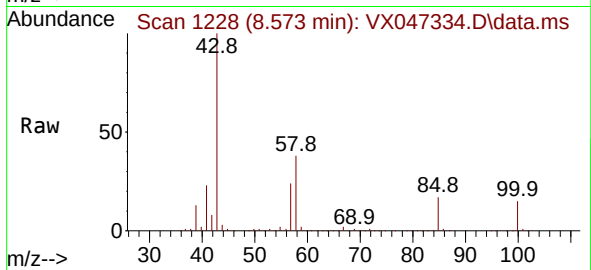
#51
4-Methyl-2-Pentanone
Concen: 298.510 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 971754
Ion Ratio Lower Upper
43 100
58 38.6 30.6 45.8

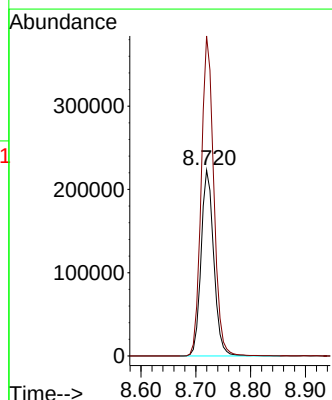
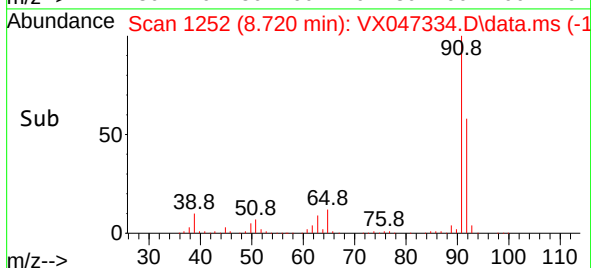
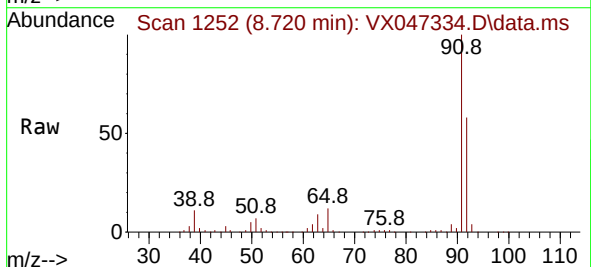
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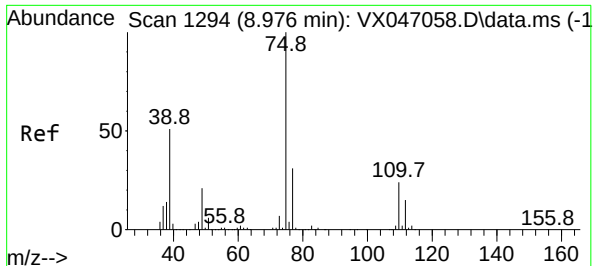
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#52
Toluene
Concen: 52.894 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Tgt Ion: 92 Resp: 358851
Ion Ratio Lower Upper
92 100
91 170.4 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 48.781 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 19000

Ion Ratio Lower Upper

75 100

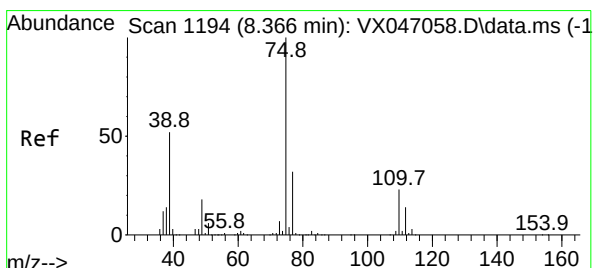
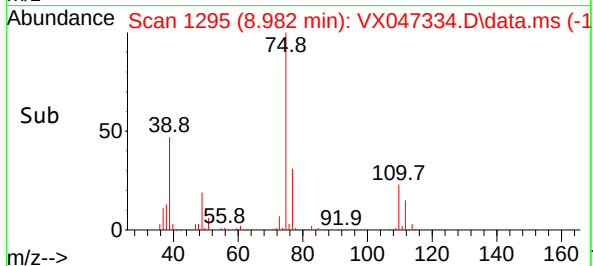
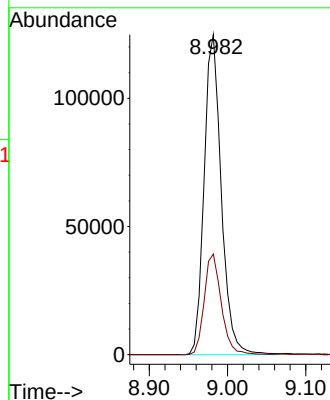
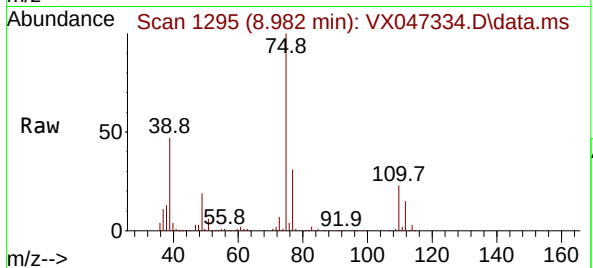
77 31.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#54

cis-1,3-Dichloropropene

Concen: 49.007 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

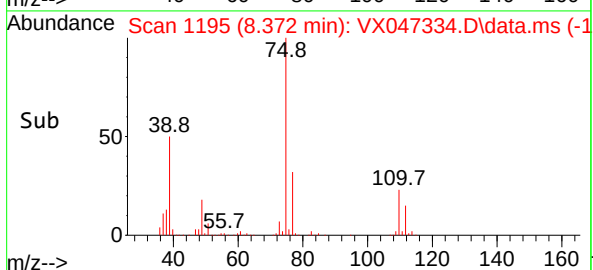
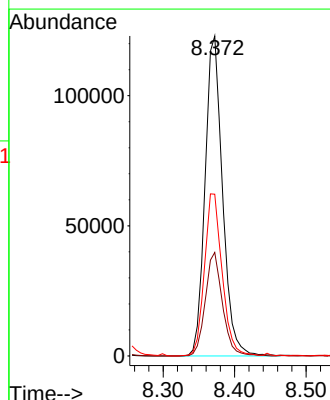
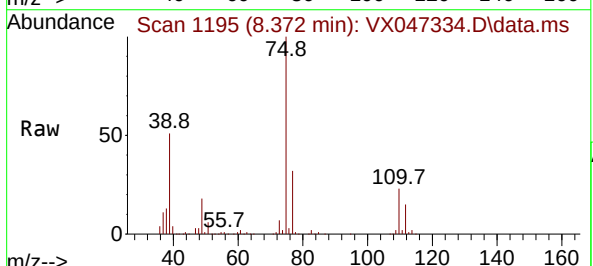
Tgt Ion: 75 Resp: 208919

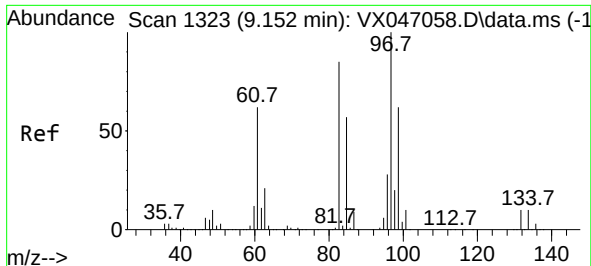
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

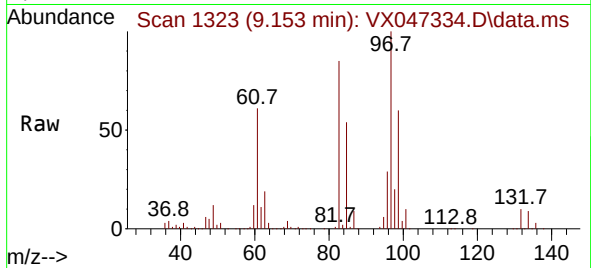
39 50.3 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 56.437 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

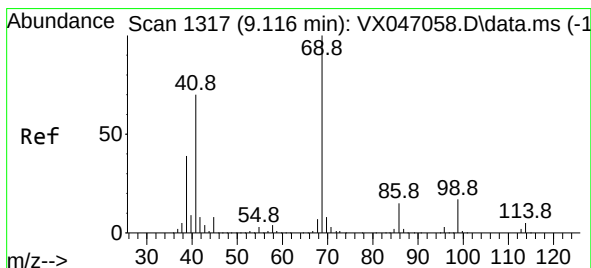
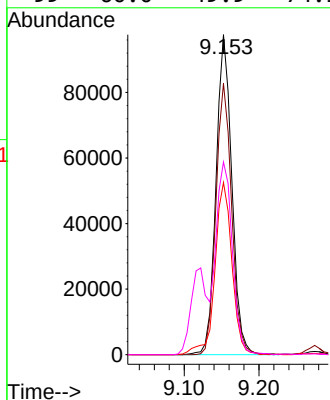
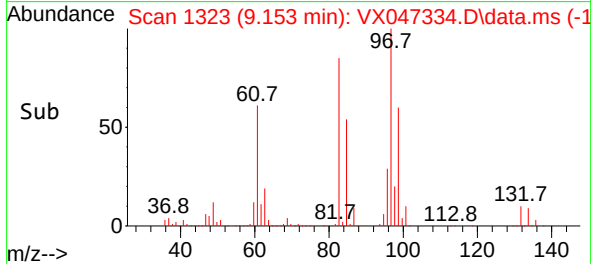
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



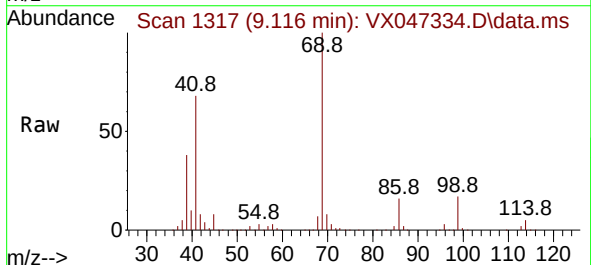
Tgt Ion:	97	Resp:	14359
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.0	102.0
85	53.7	45.2	67.8
99	60.0	49.9	74.9

Manual Integrations
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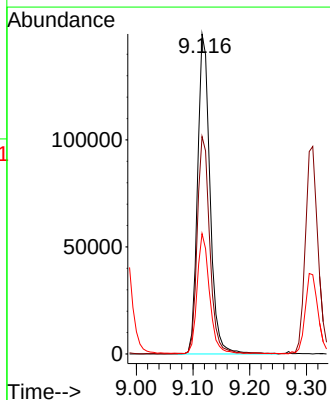
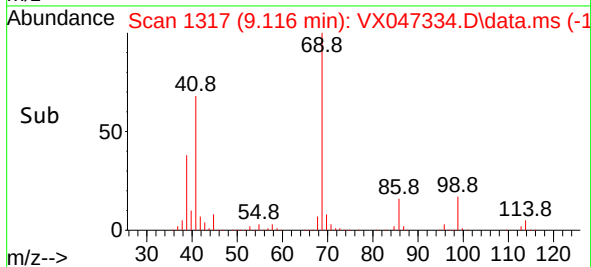
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

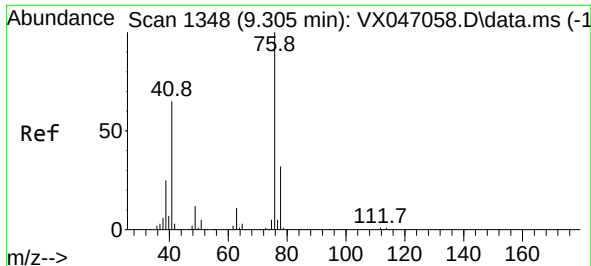


#56
Ethyl methacrylate
Concen: 60.258 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50



Tgt Ion:	69	Resp:	226969
Ion	Ratio	Lower	Upper
69	100		
41	68.8	56.1	84.1
39	37.1	31.1	46.7





#57

1,3-Dichloropropane

Concen: 54.612 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 24148

Ion Ratio Lower Upper

76 100

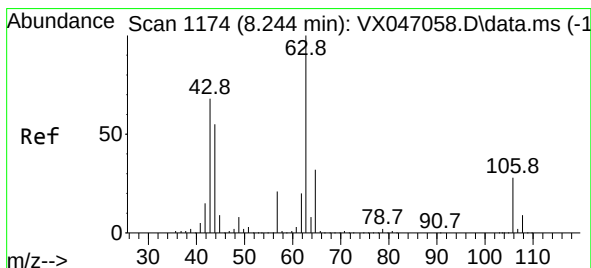
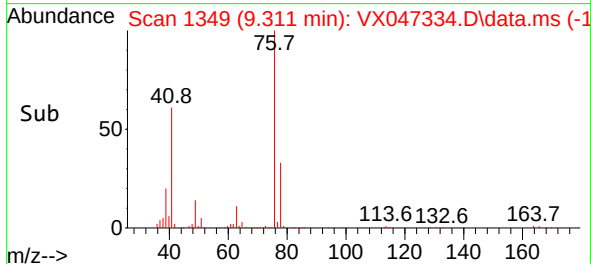
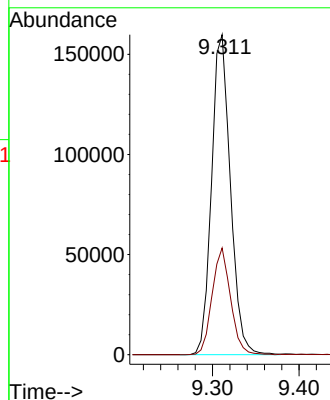
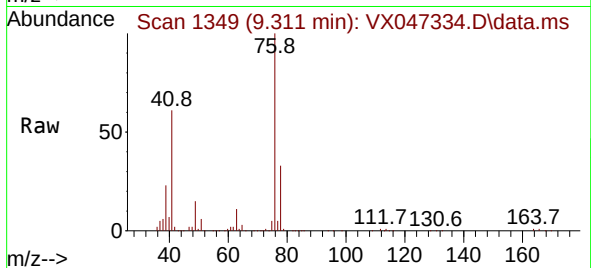
78 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 248.283 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047334.D

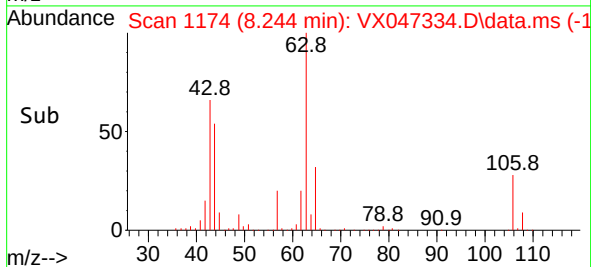
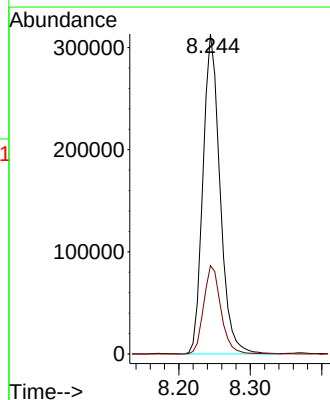
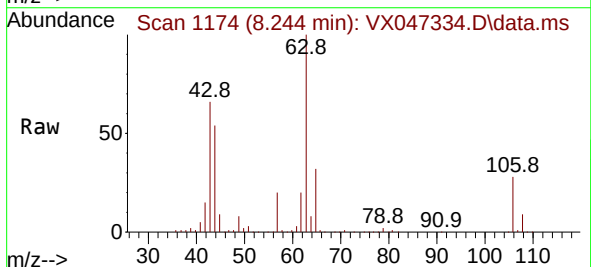
Acq: 13 Aug 2025 19:50

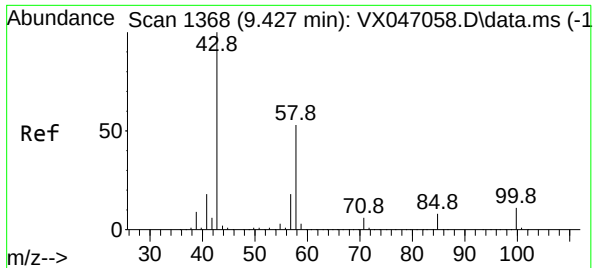
Tgt Ion: 63 Resp: 520399

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.4





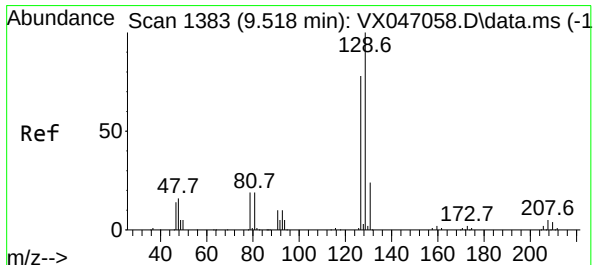
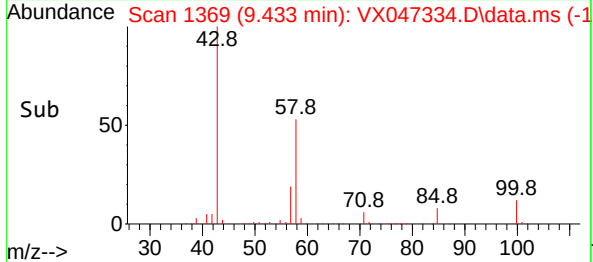
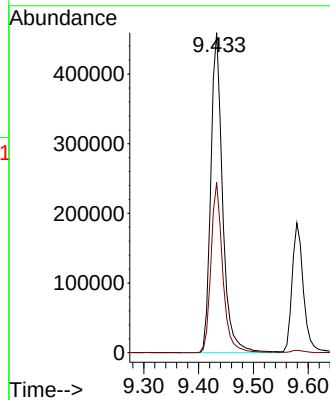
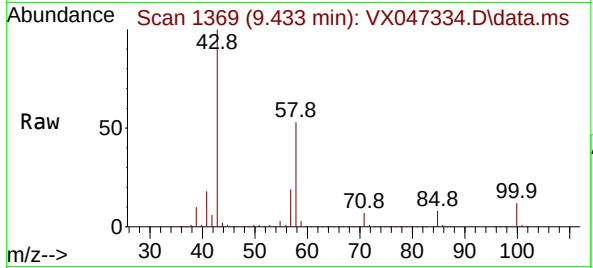
#59
2-Hexanone
Concen: 317.134 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 682075
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5

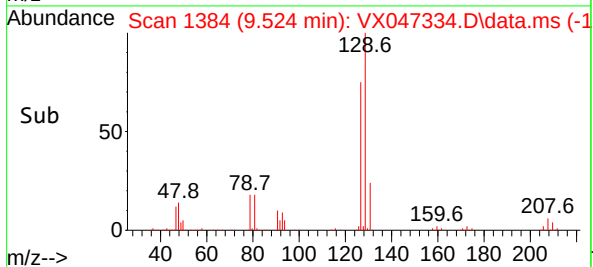
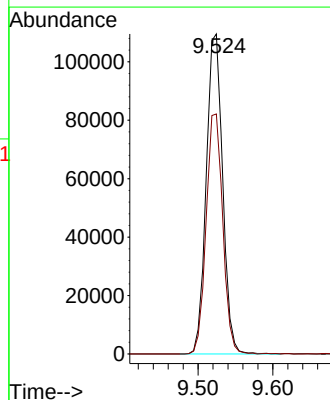
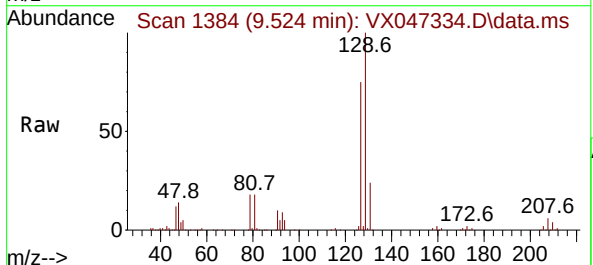
Manual Integrations
APPROVED

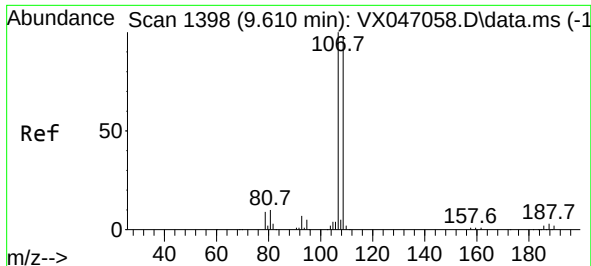
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#60
Dibromochloromethane
Concen: 55.953 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

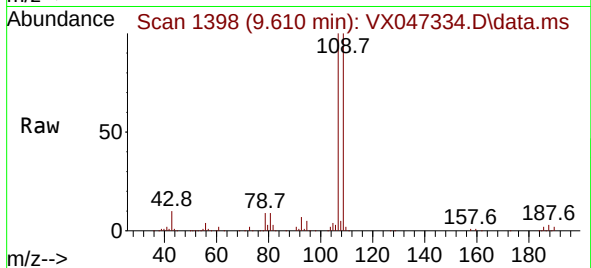
Tgt Ion:129 Resp: 166965
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 54.984 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

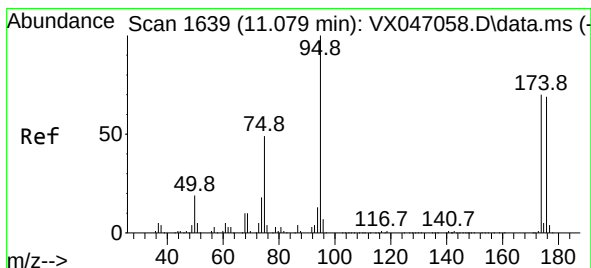
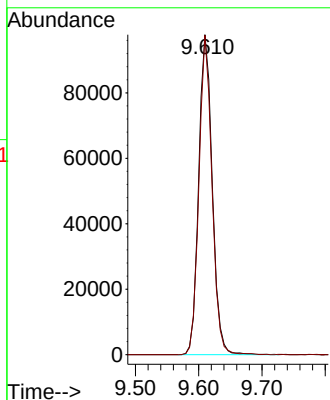
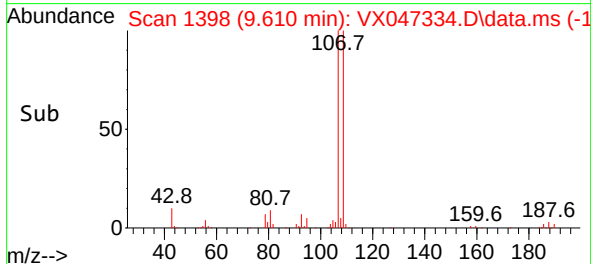
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



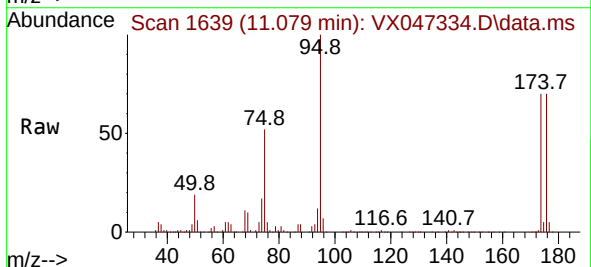
Tgt Ion:107 Resp: 146279
Ion Ratio Lower Upper
107 100
109 95.9 74.6 112.0

Manual Integrations
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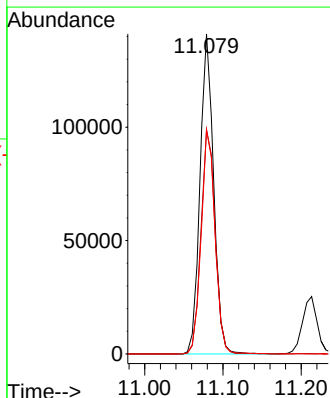
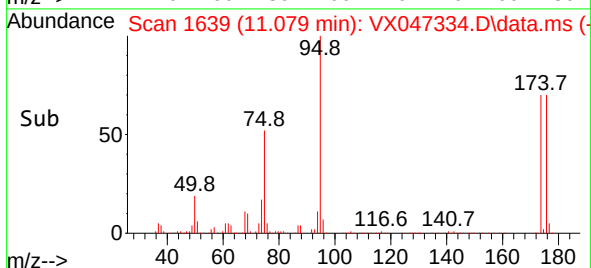
Reviewed By :John Carbone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

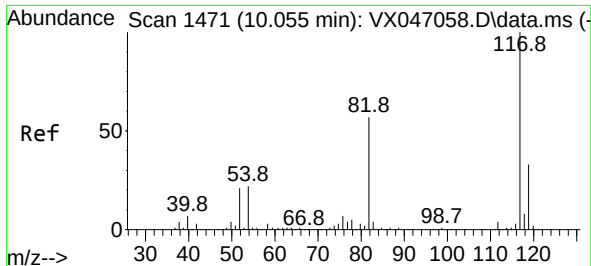


#62
4-Bromofluorobenzene
Concen: 54.458 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50



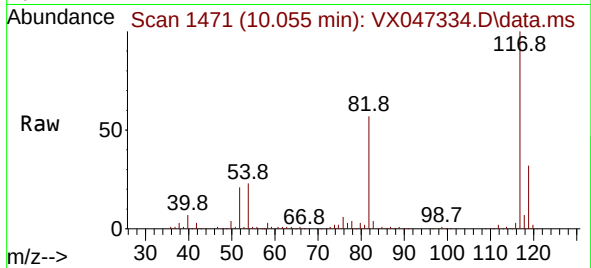
Tgt Ion: 95 Resp: 169988
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.6
176 71.4 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

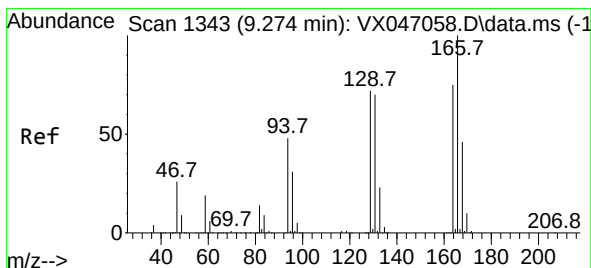
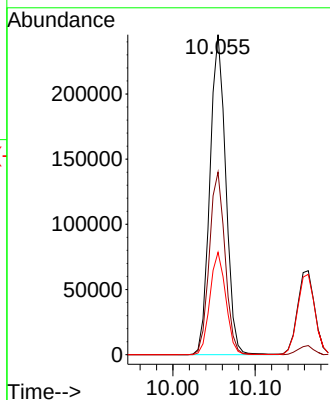
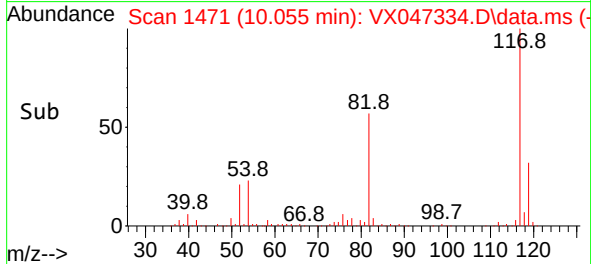
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 328850
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 32.0 26.1 39.1

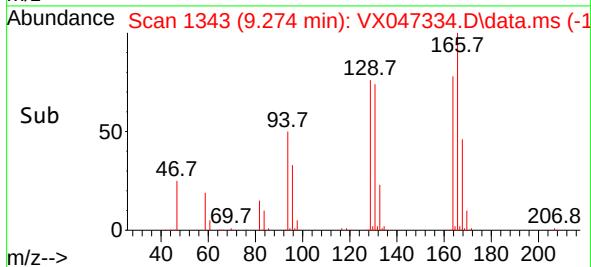
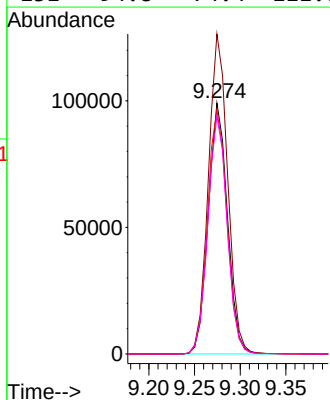
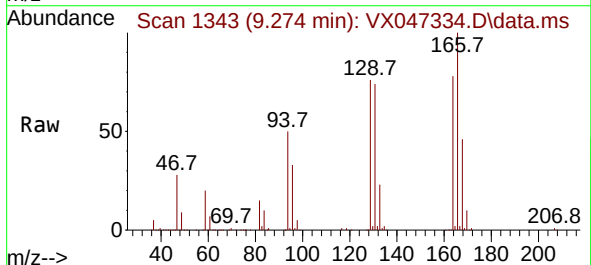
Manual Integrations
APPROVED

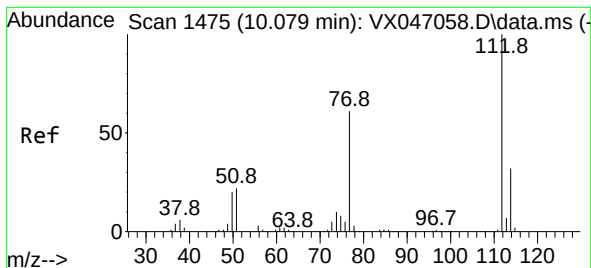
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#64
Tetrachloroethene
Concen: 61.091 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Tgt Ion:164 Resp: 144828
Ion Ratio Lower Upper
164 100
166 127.6 106.2 159.4
129 97.3 76.6 114.8
131 94.8 74.4 111.6





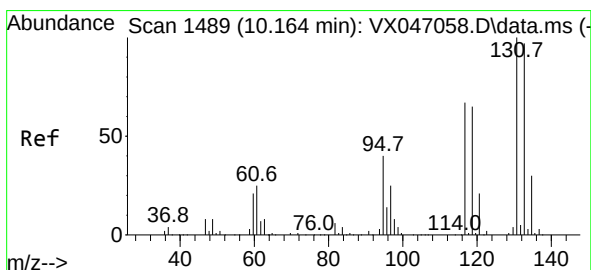
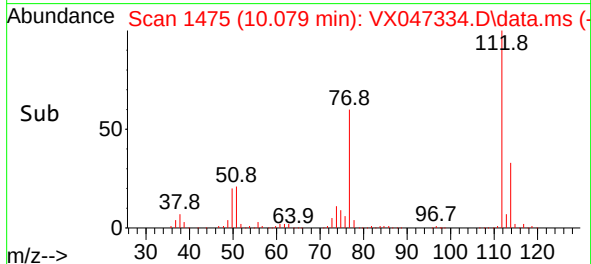
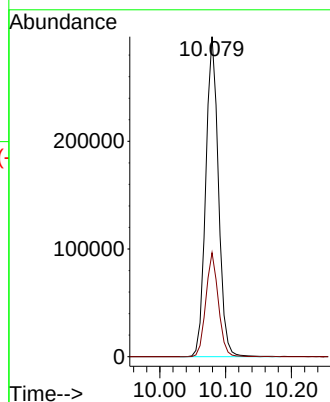
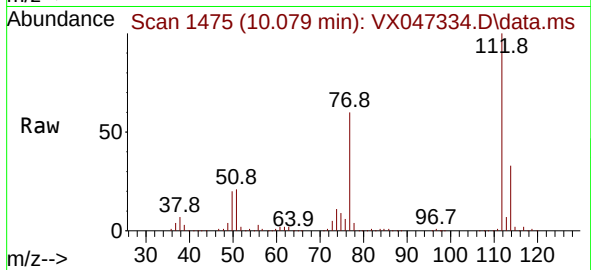
#65
Chlorobenzene
Concen: 51.735 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 39856
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

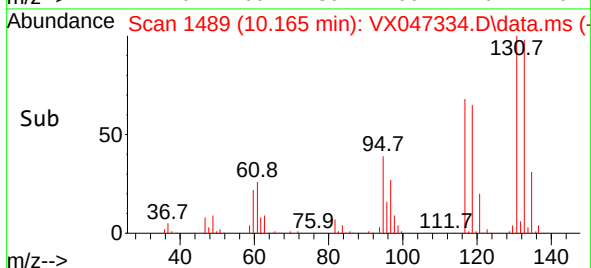
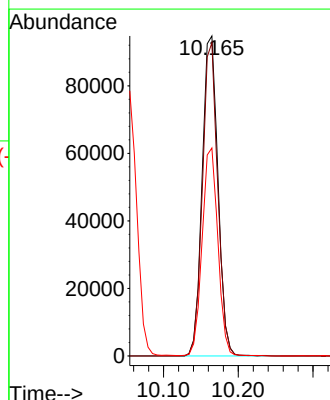
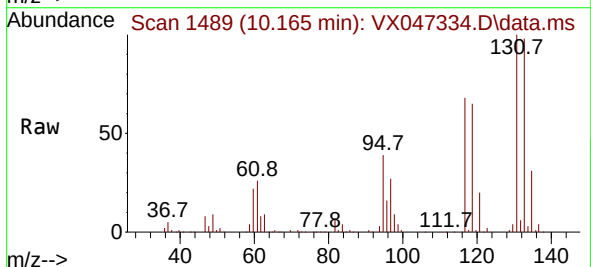
Manual Integrations
APPROVED

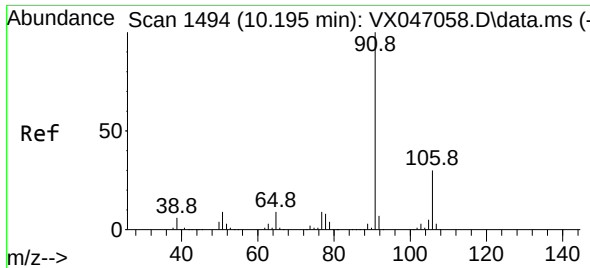
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.426 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

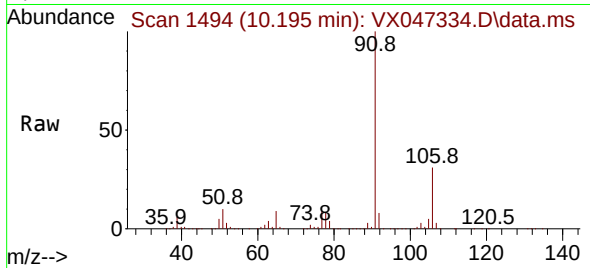
Tgt Ion:131 Resp: 138574
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.3
119 64.8 32.4 97.0





#67
Ethyl Benzene
Concen: 50.679 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

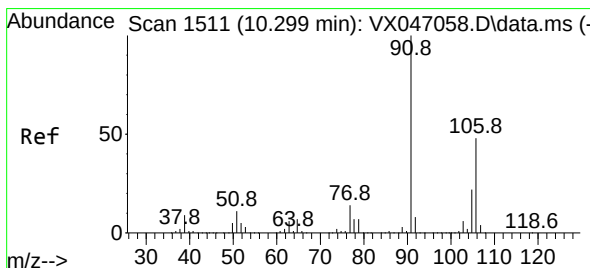
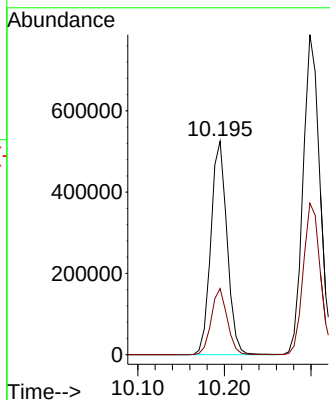
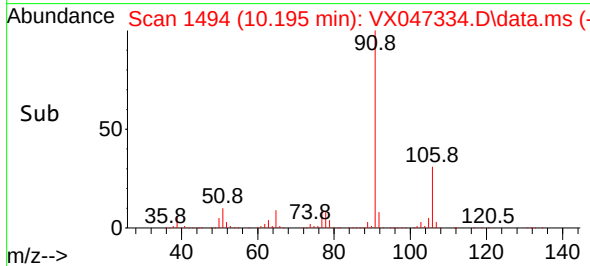
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



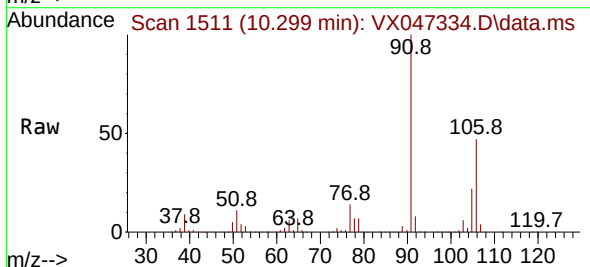
Tgt Ion: 91 Resp: 68264
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4

Manual Integrations
APPROVED

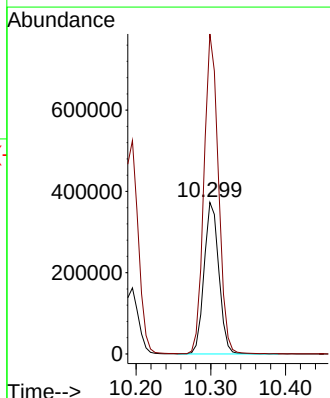
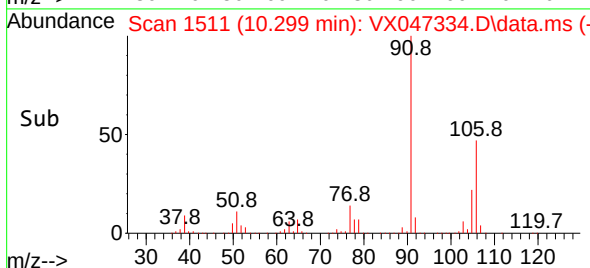
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

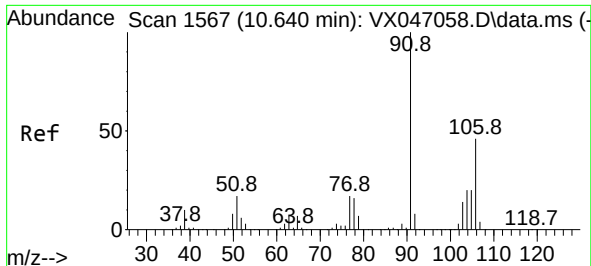


#68
m/p-Xylenes
Concen: 101.242 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50



Tgt Ion:106 Resp: 510341
Ion Ratio Lower Upper
106 100
91 207.8 167.4 251.0





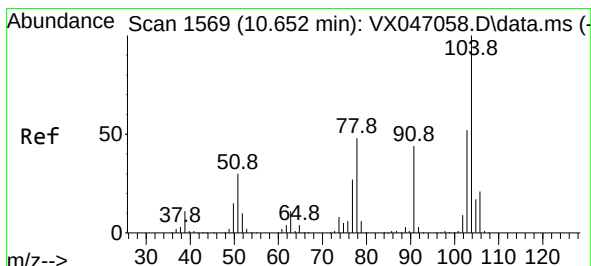
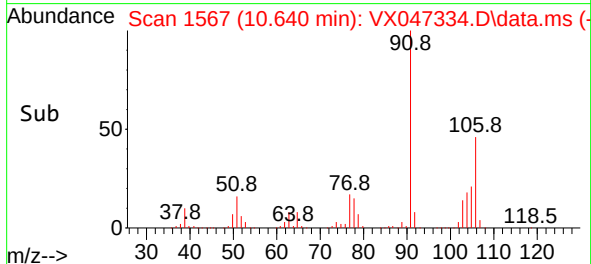
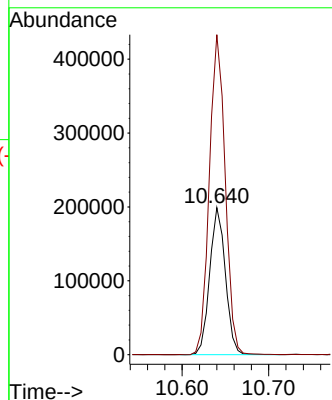
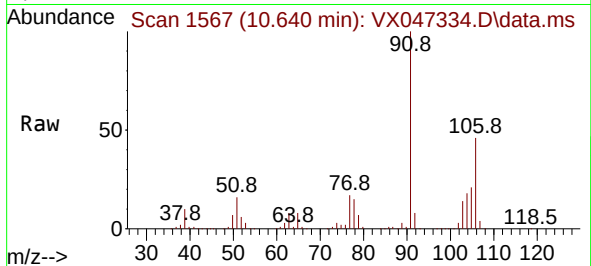
#69
o-Xylene
Concen: 52.266 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 25063
Ion Ratio Lower Upper
106 100
91 219.8 110.3 331.0

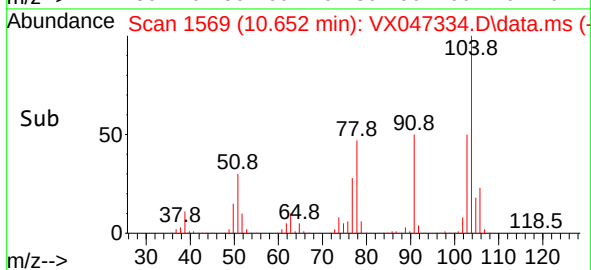
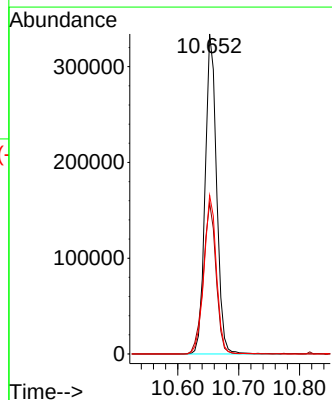
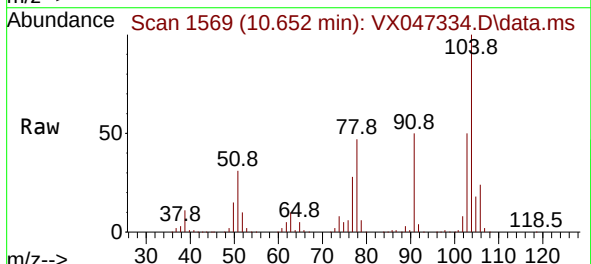
Manual Integrations
APPROVED

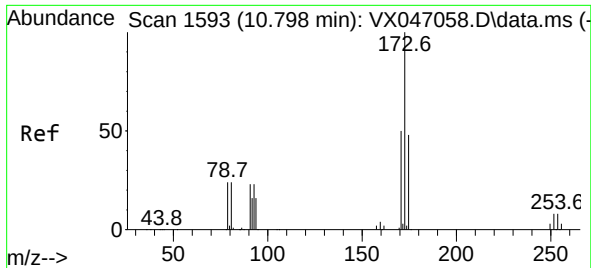
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#70
Styrene
Concen: 53.262 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

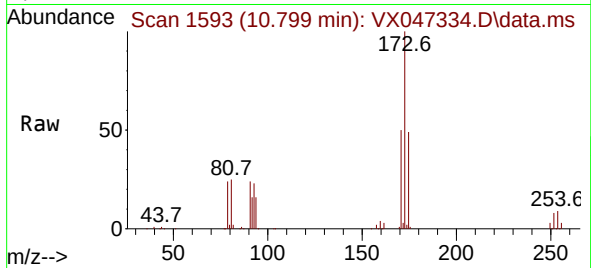
Tgt Ion:104 Resp: 437969
Ion Ratio Lower Upper
104 100
78 52.3 42.0 63.0
103 53.9 43.8 65.6





#71
Bromoform
Concen: 55.976 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

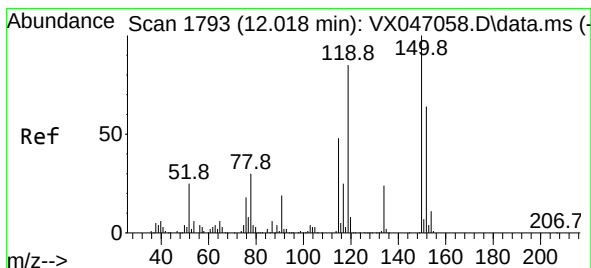
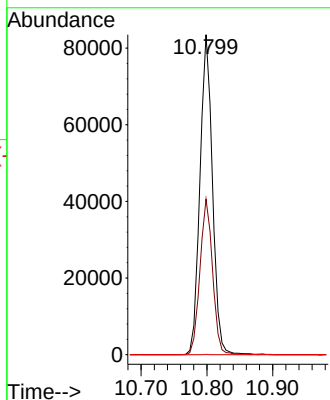
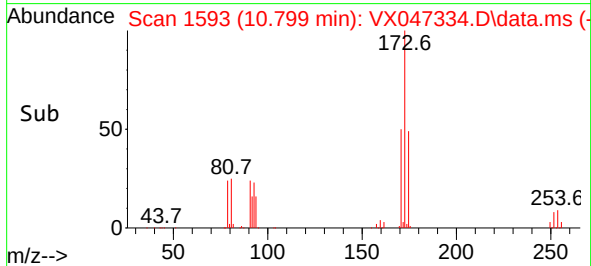
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



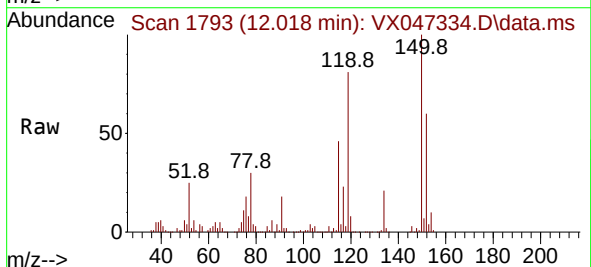
Tgt Ion:173 Resp: 110290
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

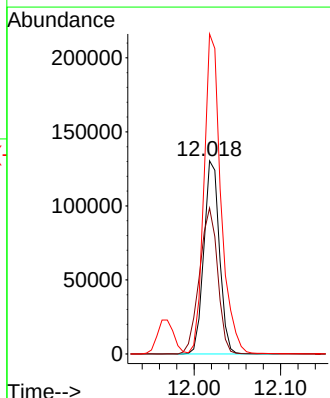
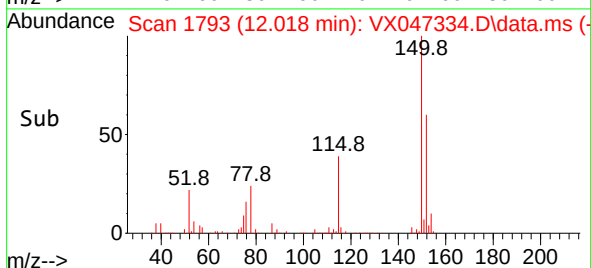
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

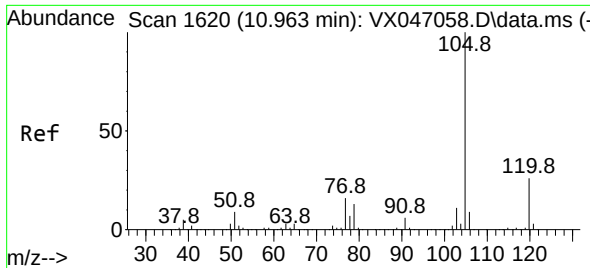


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50



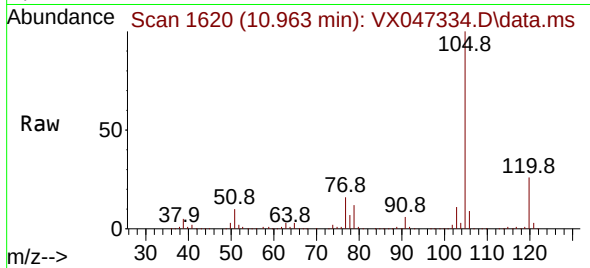
Tgt Ion:152 Resp: 162794
Ion Ratio Lower Upper
152 100
115 88.4 45.6 136.7
150 180.4 0.0 354.6





#73
Isopropylbenzene
Concen: 49.743 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

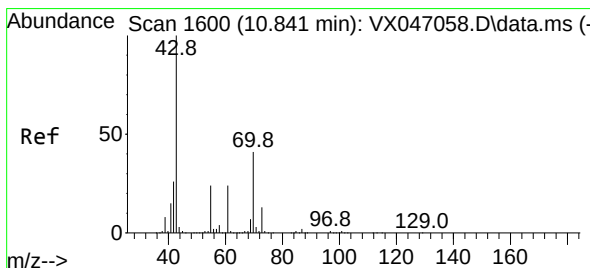
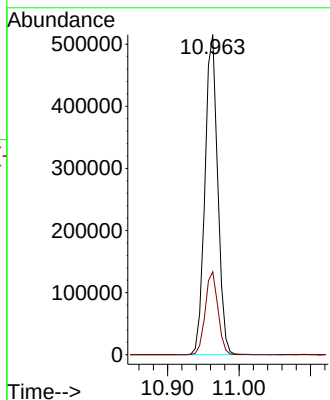
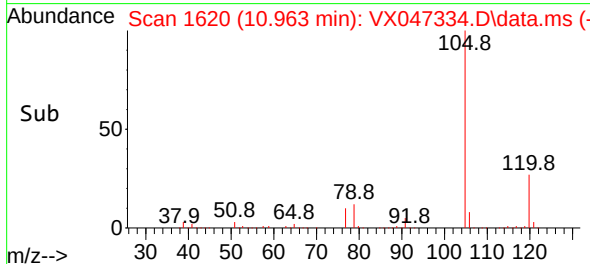
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



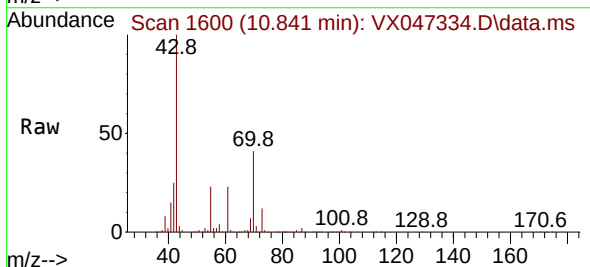
Tgt Ion:105 Resp: 63886
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

Manual Integrations
APPROVED

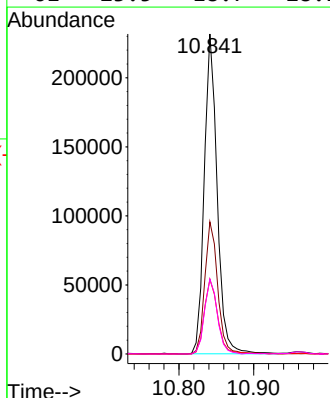
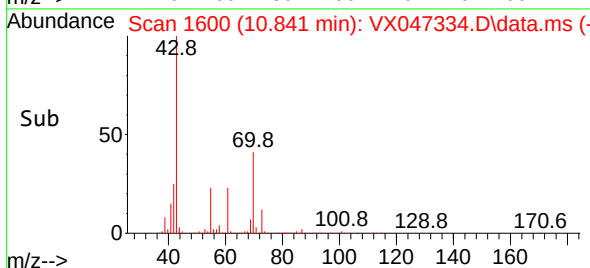
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

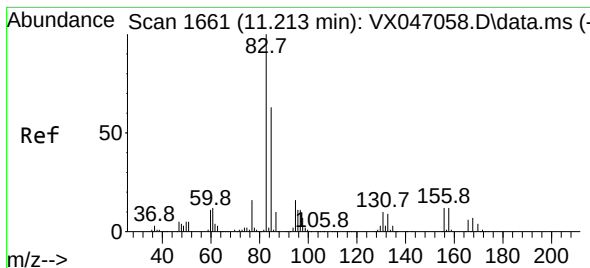


#74
N-ethyl acetate
Concen: 53.447 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50



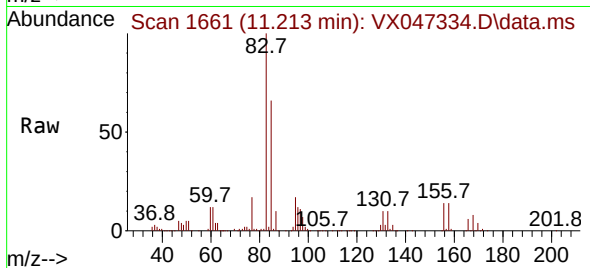
Tgt Ion: 43 Resp: 276966
Ion Ratio Lower Upper
43 100
70 41.9 32.3 48.5
55 24.4 18.9 28.3
61 23.5 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 55.852 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

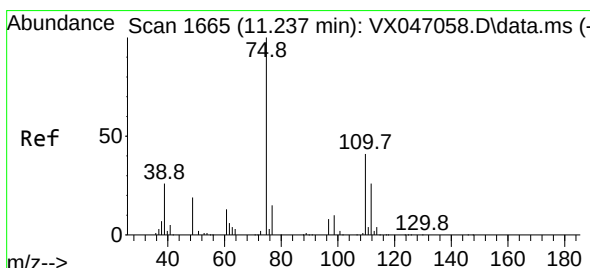
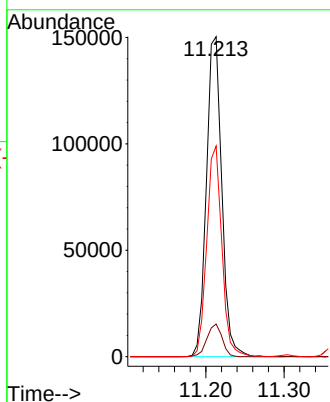
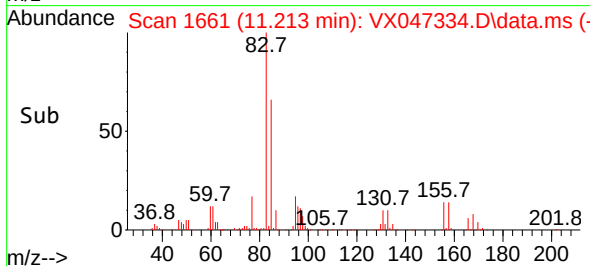
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



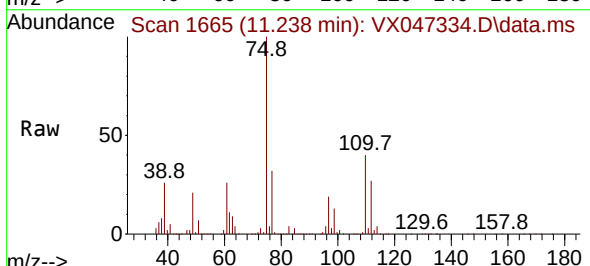
Tgt Ion: 83 Resp: 20490
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.5 32.0 96.2

Manual Integrations
APPROVED

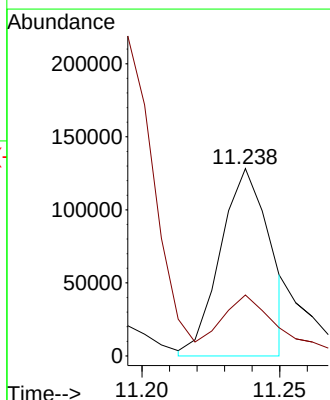
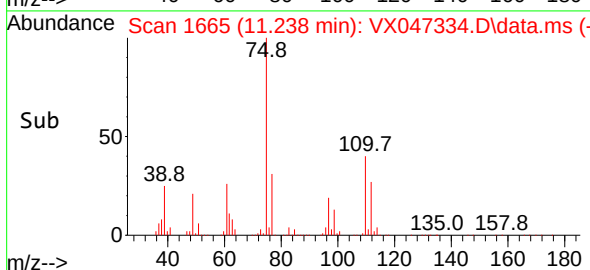
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

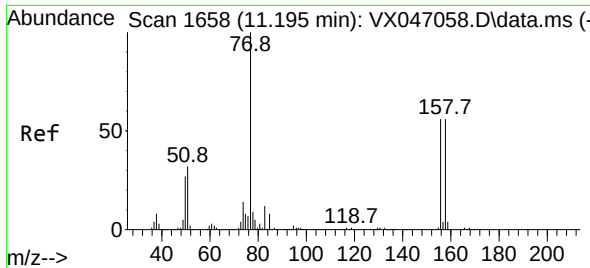


#76
1,2,3-Trichloropropane
Concen: 53.272 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50



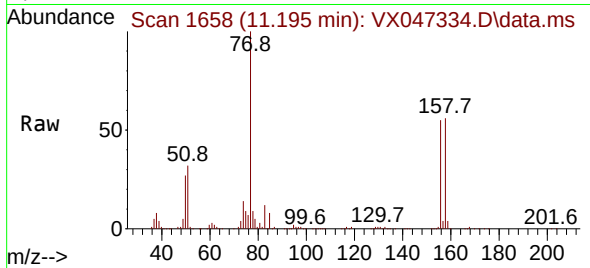
Tgt Ion: 75 Resp: 160522
Ion Ratio Lower Upper
75 100
77 38.4 21.6 65.0





#77
Bromobenzene
Concen: 52.905 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

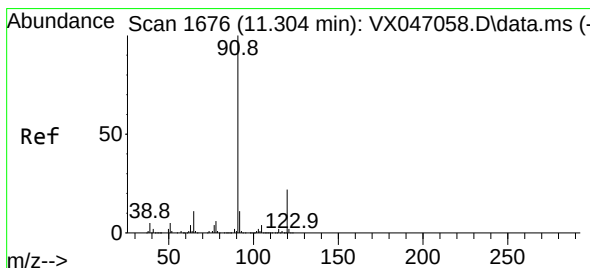
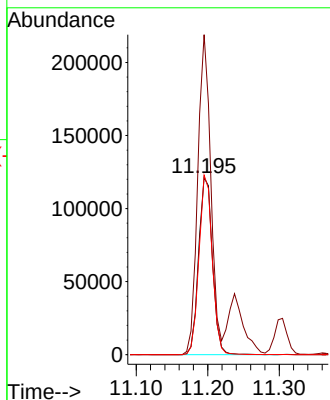
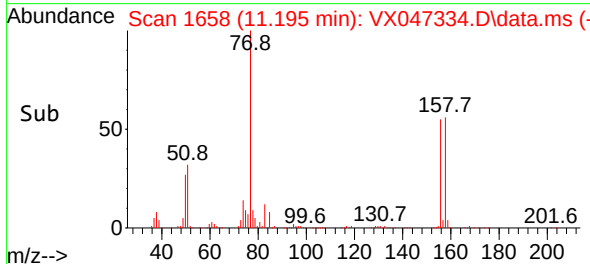
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



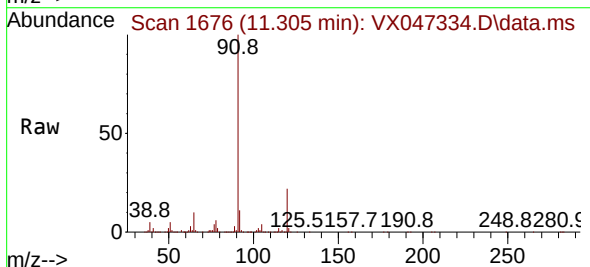
Tgt Ion:156 Resp: 16297
Ion Ratio Lower Upper
156 100
77 170.4 87.3 261.9
158 97.6 48.9 146.6

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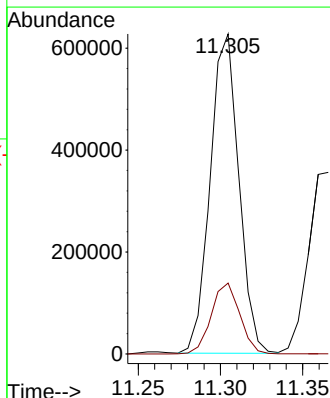
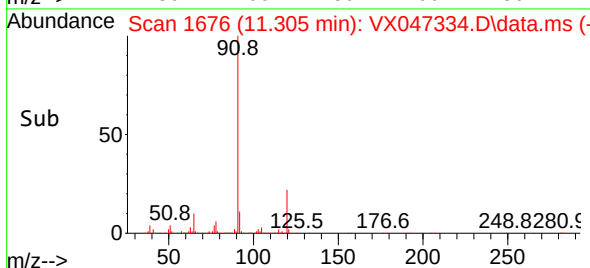
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

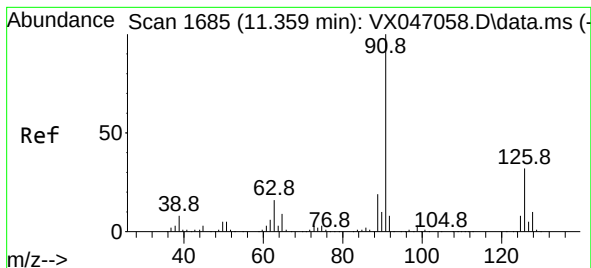


#78
n-propylbenzene
Concen: 49.480 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50



Tgt Ion: 91 Resp: 759407
Ion Ratio Lower Upper
91 100
120 22.1 11.0 33.0





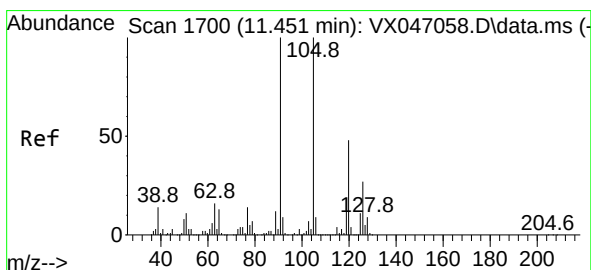
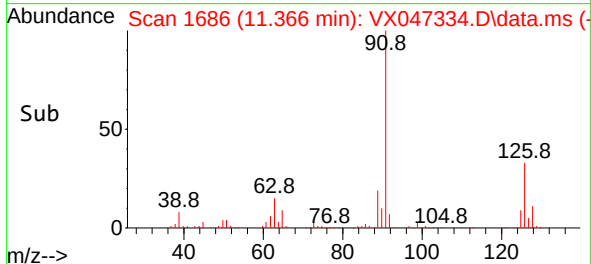
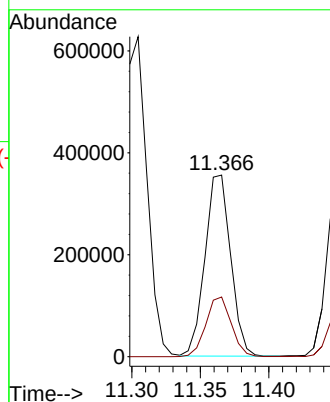
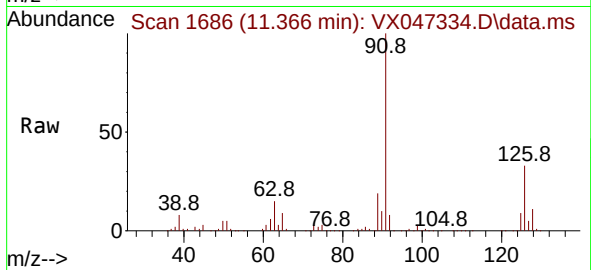
#79
2-Chlorotoluene
Concen: 50.591 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 46414
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4

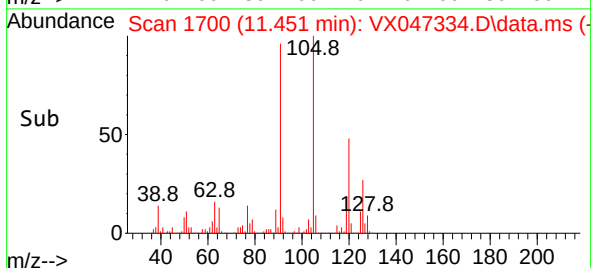
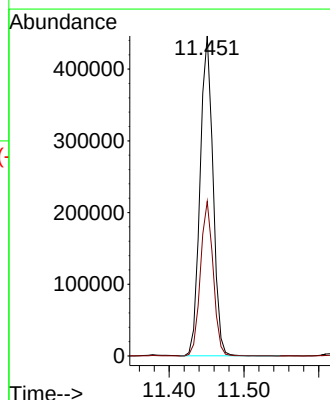
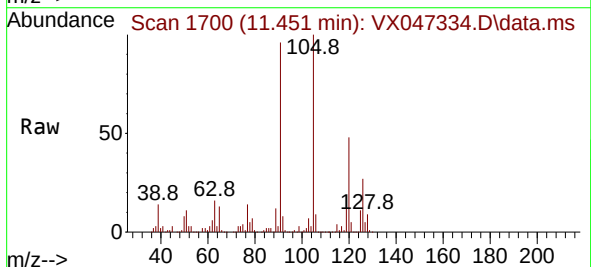
Manual Integrations
APPROVED

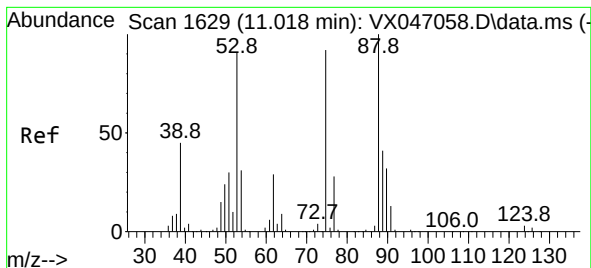
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.457 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

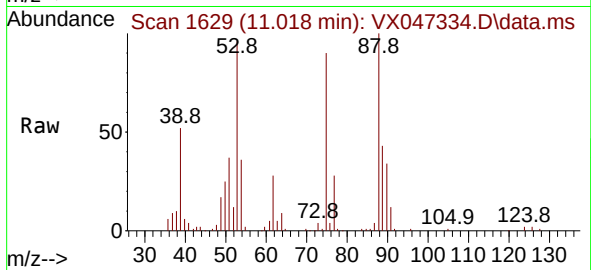
Tgt Ion:105 Resp: 535382
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.947 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

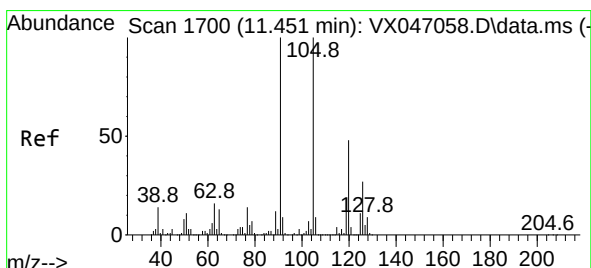
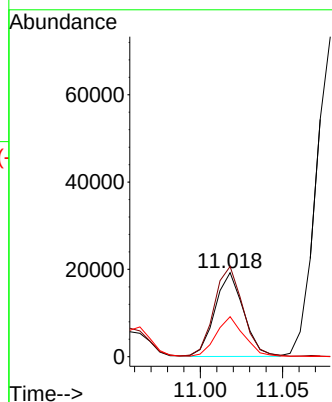
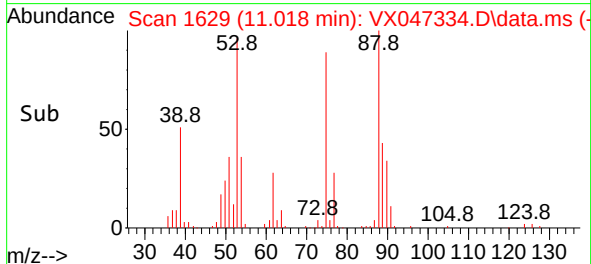
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 23329
Ion Ratio Lower Upper
75 100
53 106.7 84.2 126.4
89 47.5 36.0 54.0

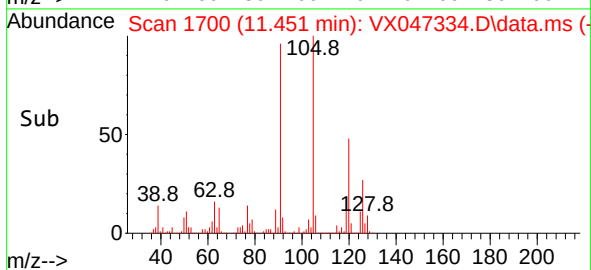
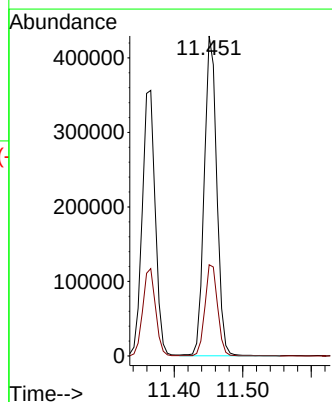
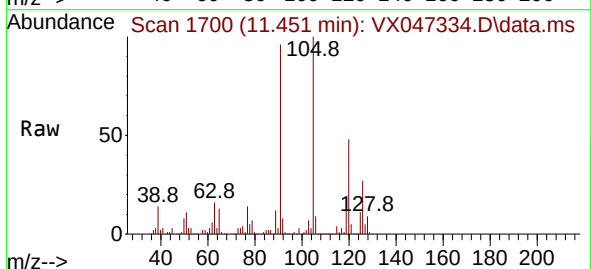
Manual Integrations
APPROVED

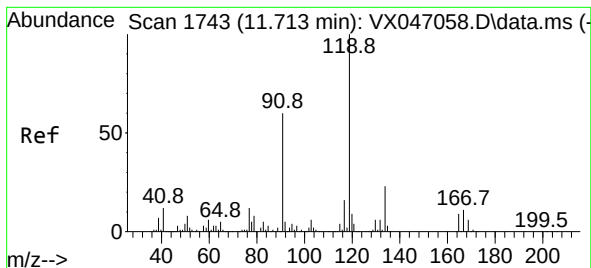
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#82
4-Chlorotoluene
Concen: 51.133 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Tgt Ion: 91 Resp: 547556
Ion Ratio Lower Upper
91 100
126 28.7 14.1 42.3





#83

tert-Butylbenzene

Concen: 46.723 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 497590

Ion Ratio Lower Upper

119 100

91 63.2 29.6 88.8

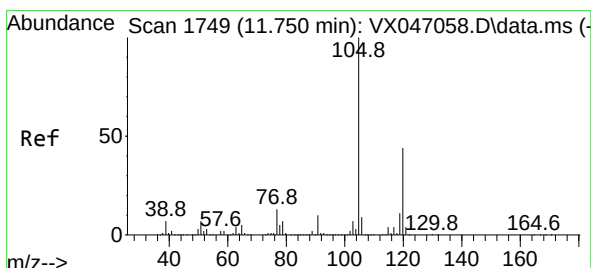
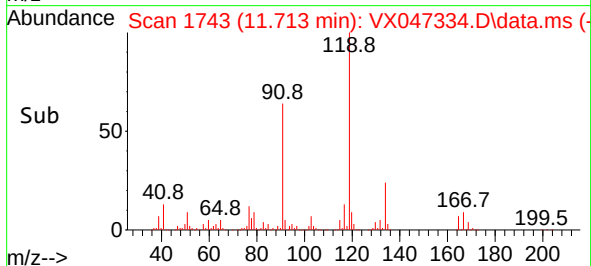
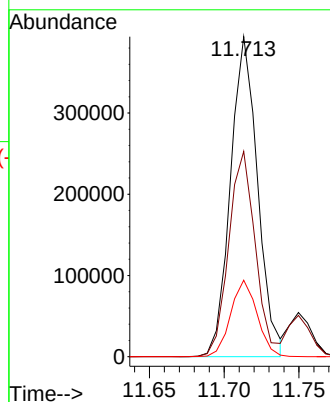
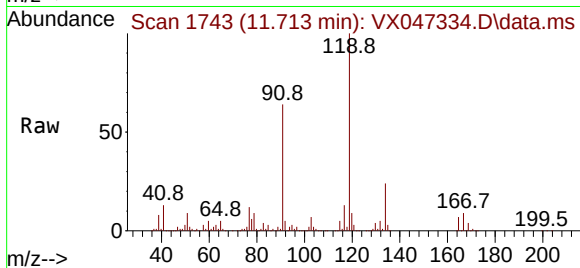
134 23.3 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.202 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047334.D

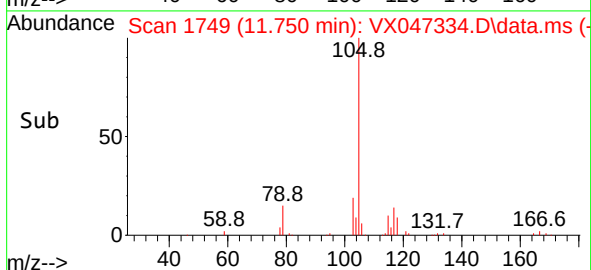
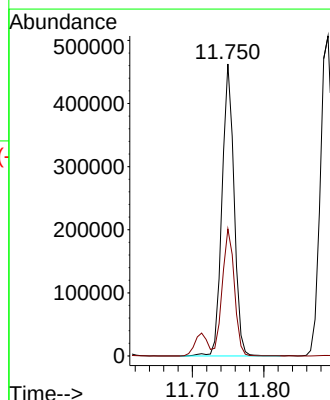
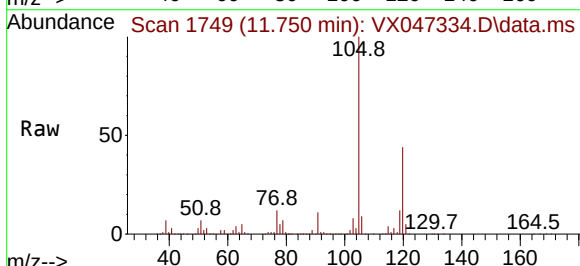
Acq: 13 Aug 2025 19:50

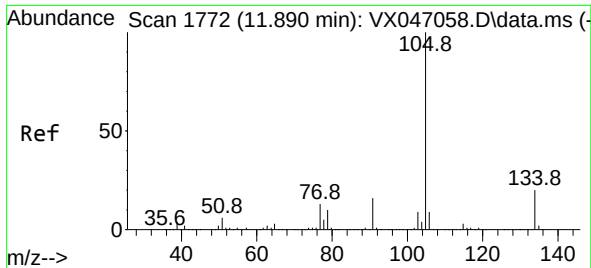
Tgt Ion:105 Resp: 541887

Ion Ratio Lower Upper

105 100

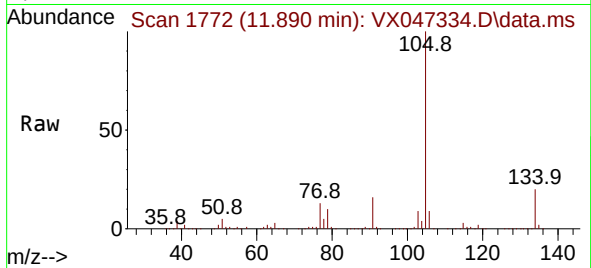
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 48.296 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047334.D
 Acq: 13 Aug 2025 19:50

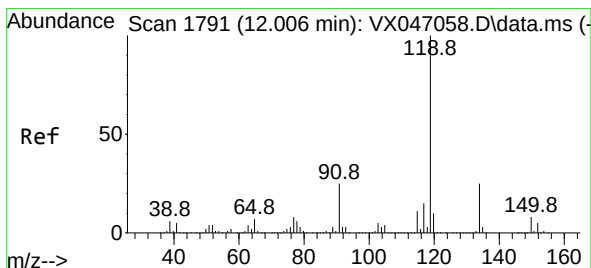
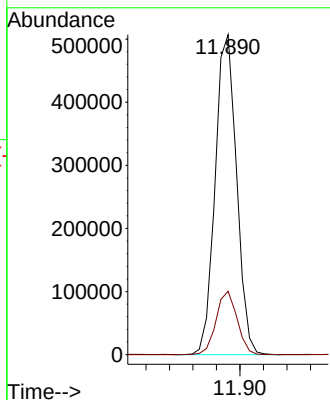
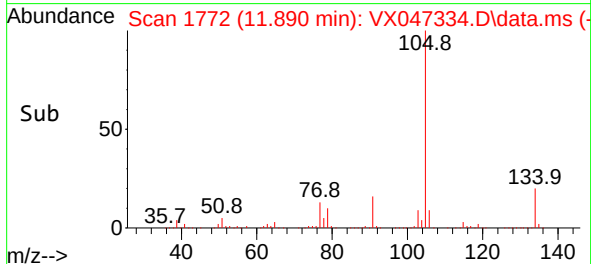
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



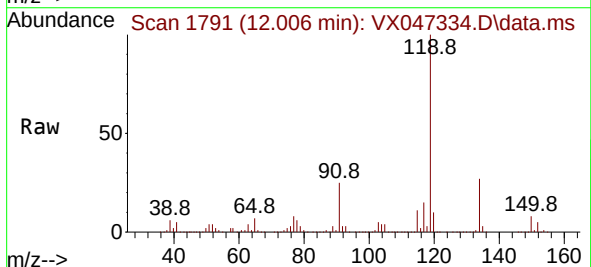
Tgt Ion:105 Resp: 64265
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7

Manual Integrations
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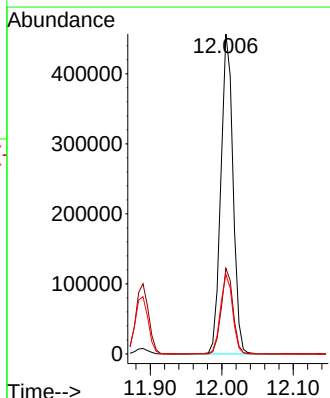
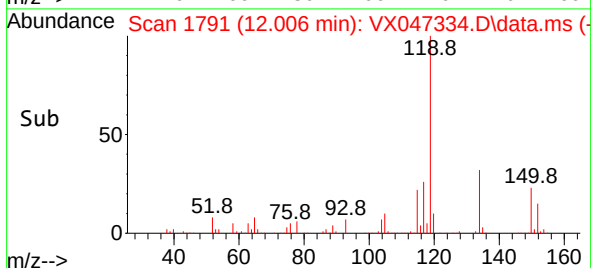
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

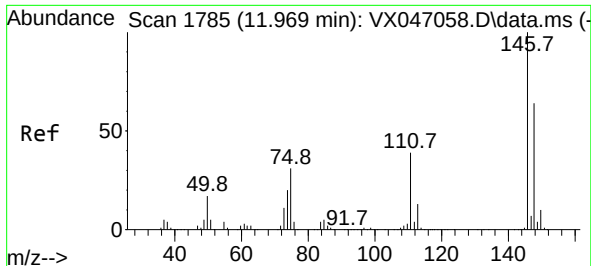


#86
 p-Isopropyltoluene
 Concen: 48.913 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047334.D
 Acq: 13 Aug 2025 19:50



Tgt Ion:119 Resp: 539743
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.283 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 300174

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

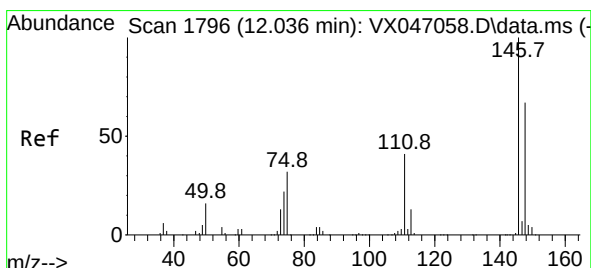
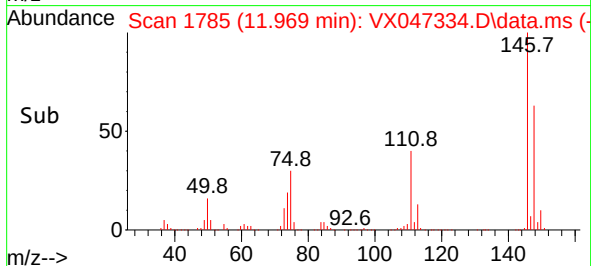
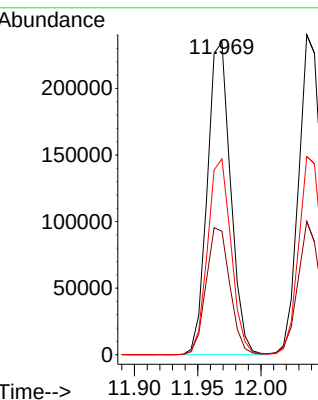
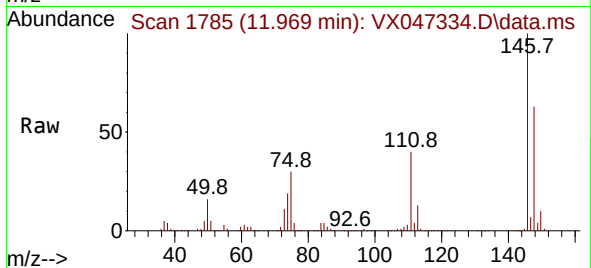
148 63.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#88

1,4-Dichlorobenzene

Concen: 50.953 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

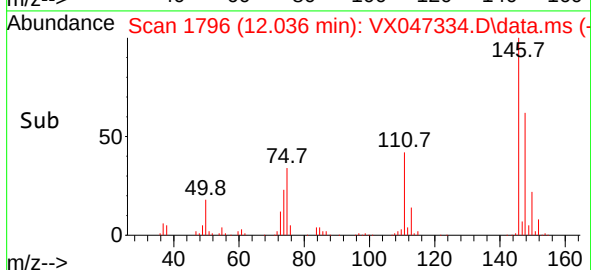
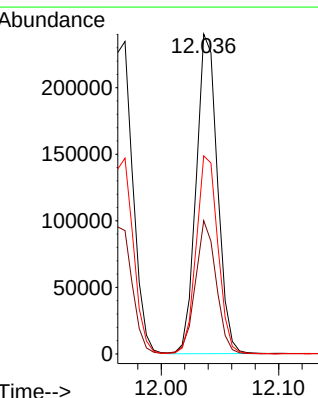
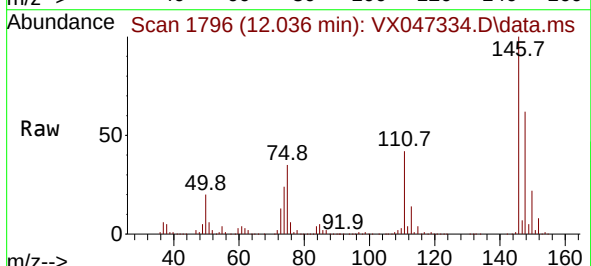
Tgt Ion:146 Resp: 302162

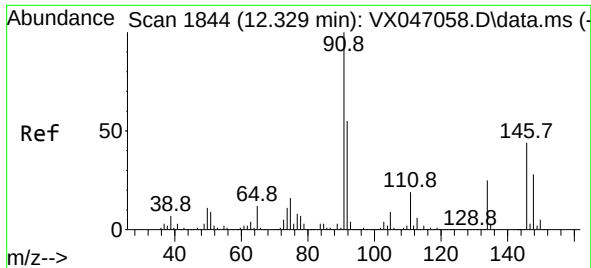
Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.9

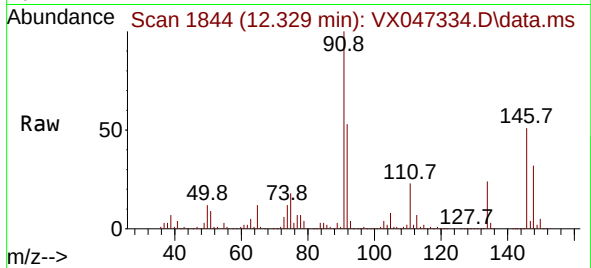
148 63.4 33.0 98.9





#89
n-Butylbenzene
Concen: 47.494 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

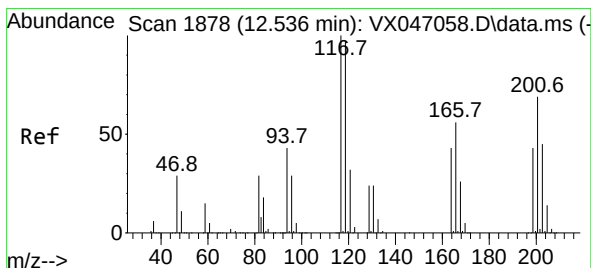
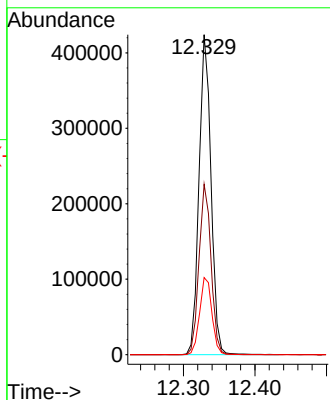
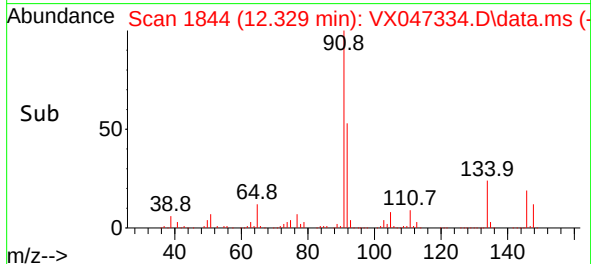
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 49148
Ion Ratio Lower Upper
91 100
92 53.7 27.5 82.5
134 24.9 12.8 38.3

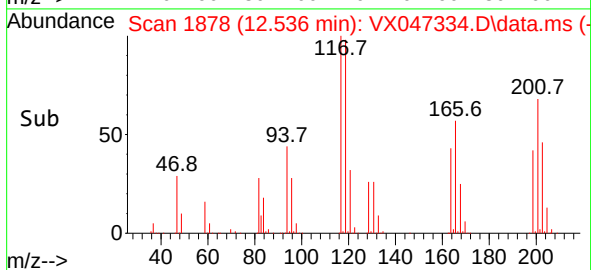
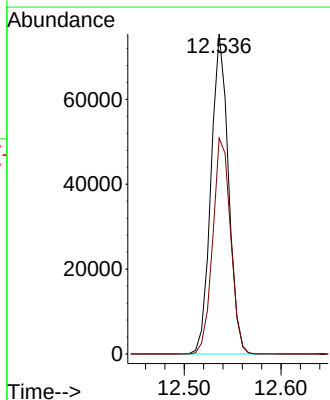
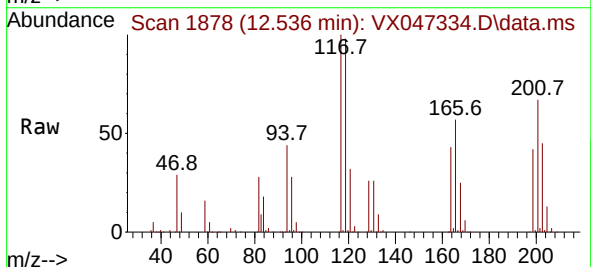
Manual Integrations
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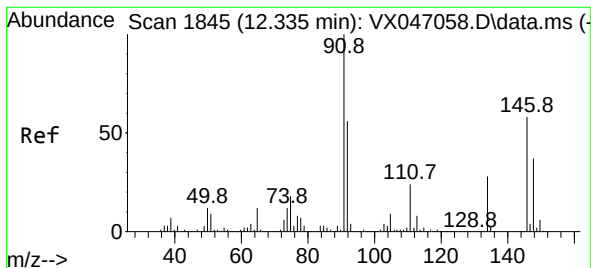
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#90
Hexachloroethane
Concen: 47.815 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Tgt Ion:117 Resp: 94390
Ion Ratio Lower Upper
117 100
201 69.0 34.8 104.5





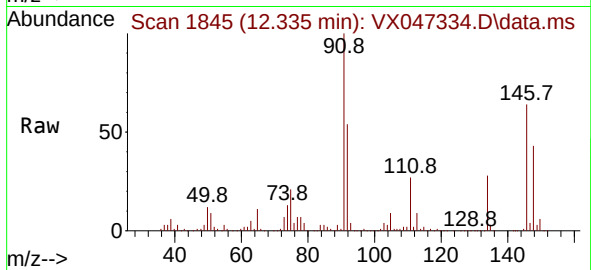
#91
1,2-Dichlorobenzene
Concen: 51.730 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



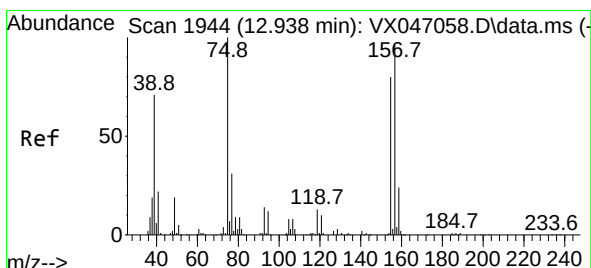
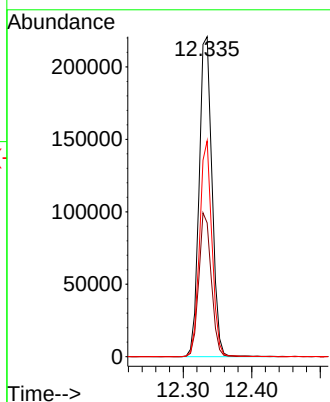
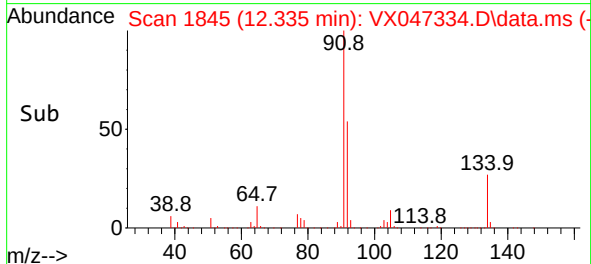
Tgt Ion:146 Resp: 28939
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 64.6 31.9 95.7

Manual Integrations

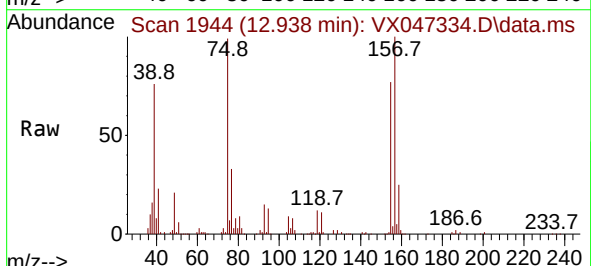
APPROVED

Reviewed By :John Carlone 08/14/2025

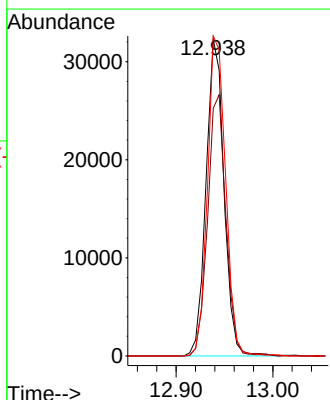
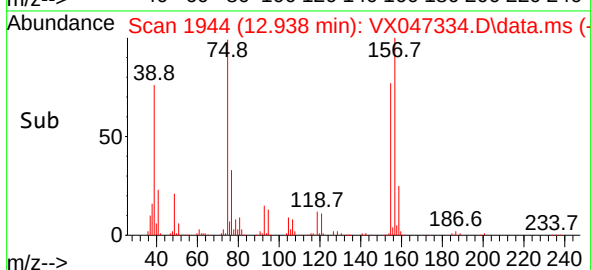
Supervised By :Mahesh Dadoda 08/18/2025

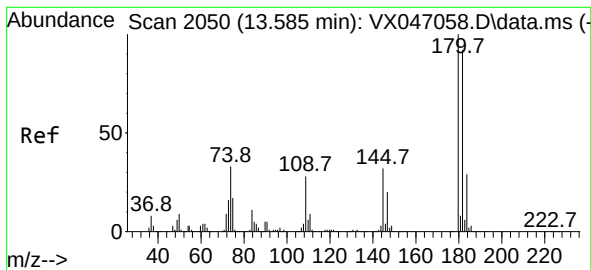


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.218 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50



Tgt Ion: 75 Resp: 41702
Ion Ratio Lower Upper
75 100
155 84.0 41.3 124.1
157 101.9 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 50.374 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 18618

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

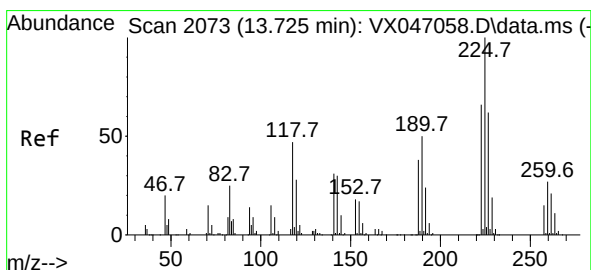
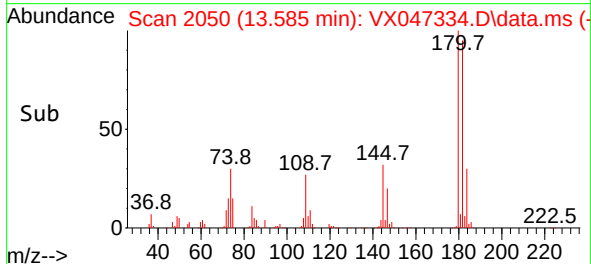
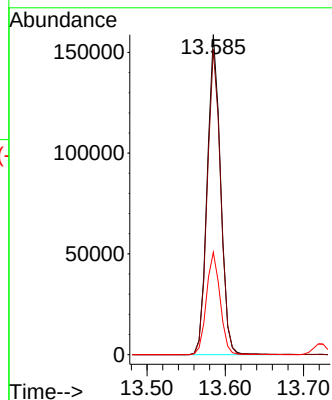
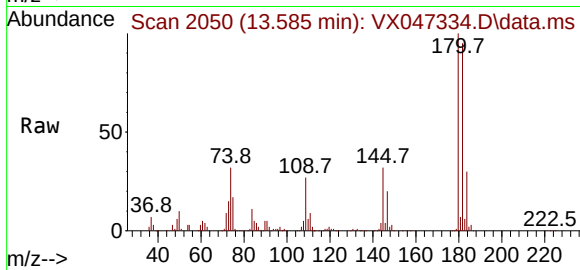
145 32.9 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#94

Hexachlorobutadiene

Concen: 46.730 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX047334.D

Acq: 13 Aug 2025 19:50

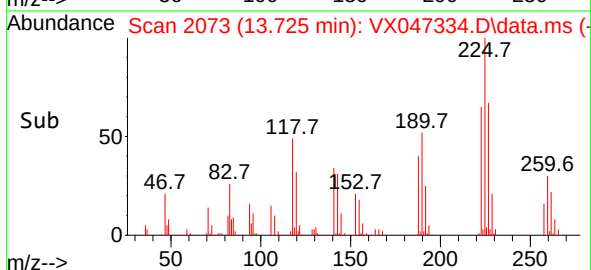
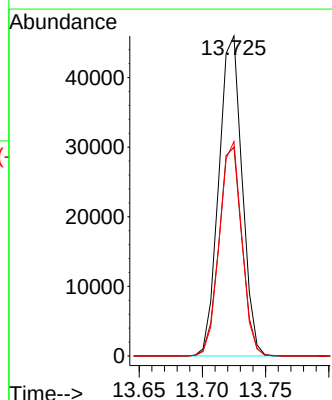
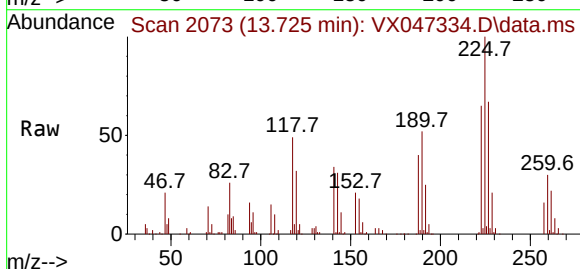
Tgt Ion:225 Resp: 58740

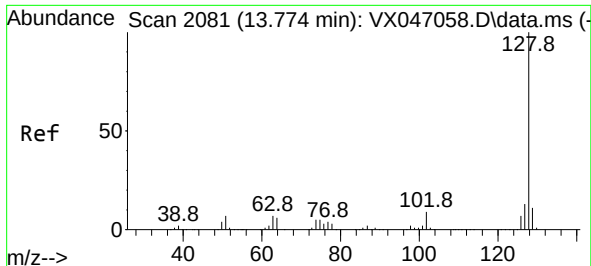
Ion Ratio Lower Upper

225 100

223 64.5 31.6 95.0

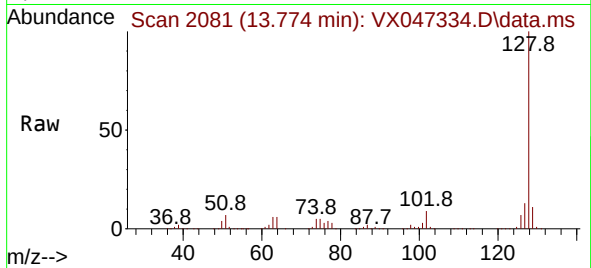
227 64.2 32.9 98.6





#95
Naphthalene
Concen: 57.649 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50

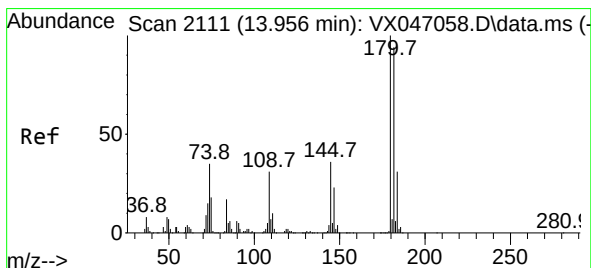
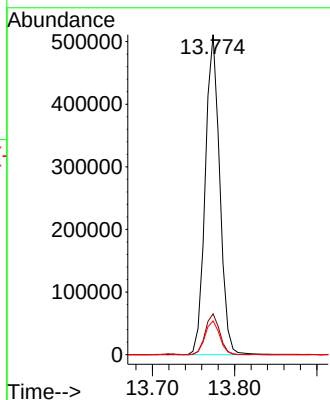
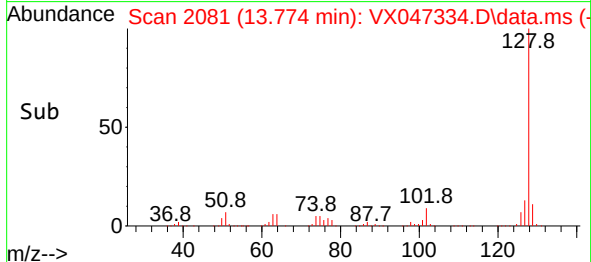
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



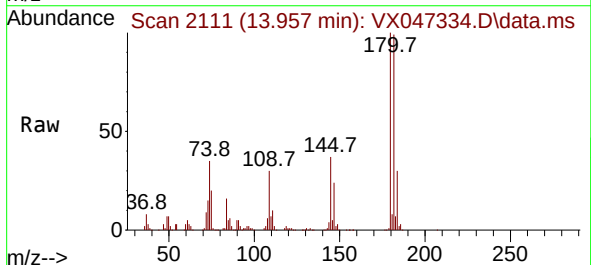
Tgt Ion:128 Resp: 624659
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.589 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047334.D
Acq: 13 Aug 2025 19:50



Tgt Ion:180 Resp: 183699
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.6
145 34.9 17.3 52.0

