

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047453.D
 Acq On : 20 Aug 2025 19:01
 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 08/21/2025
 Supervised By : Mahesh Dadoda 08/22/2025

Quant Time: Aug 21 01:38:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	219510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	397450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	178130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	169837	55.283	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.560%			
35) Dibromofluoromethane	5.403	113	130938	50.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	8.653	98	453029	49.137	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.280%			
62) 4-Bromofluorobenzene	11.079	95	174471	51.281	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	124163	44.372	ug/l	99
3) Chloromethane	1.312	50	118789	47.189	ug/l	100
4) Vinyl Chloride	1.392	62	146404	46.337	ug/l	99
5) Bromomethane	1.623	94	44398	34.789	ug/l	98
6) Chloroethane	1.703	64	92359	47.777	ug/l	100
7) Trichlorofluoromethane	1.904	101	210004	44.935	ug/l	98
8) Diethyl Ether	2.148	74	86525	52.580	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	122337	45.126	ug/l	99
10) Methyl Iodide	2.471	142	128119	27.577	ug/l	98
11) Tert butyl alcohol	2.965	59	90515	338.682	ug/l	99
12) 1,1-Dichloroethene	2.337	96	129789	46.960	ug/l	99
13) Acrolein	2.251	56	165995	294.230	ug/l	99
14) Allyl chloride	2.684	41	238562	49.697	ug/l	98
15) Acrylonitrile	3.086	53	371314	287.522	ug/l	100
16) Acetone	2.391	43	297957	258.028	ug/l	100
17) Carbon Disulfide	2.532	76	351042	42.091	ug/l	100
18) Methyl Acetate	2.715	43	188724	63.067	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	460381	54.755	ug/l	98
20) Methylene Chloride	2.806	84	154803	50.626	ug/l	99
21) trans-1,2-Dichloroethene	3.111	96	141639	48.285	ug/l	97
22) Diisopropyl ether	3.775	45	514249	54.195	ug/l	95
23) Vinyl Acetate	3.739	43	2139175	275.048	ug/l	100
24) 1,1-Dichloroethane	3.623	63	271347	50.593	ug/l	97
25) 2-Butanone	4.574	43	465244	307.630	ug/l	99
26) 2,2-Dichloropropane	4.489	77	168046	41.513	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	173414	50.756	ug/l	98
28) Bromochloromethane	4.915	49	130876	58.641	ug/l	100
29) Tetrahydrofuran	5.025	42	289688	296.359	ug/l	100
30) Chloroform	5.111	83	277931	50.776	ug/l	96
31) Cyclohexane	5.488	56	219086	44.313	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	226085	47.987	ug/l	99
36) 1,1-Dichloropropene	5.708	75	183283	45.011	ug/l	99
37) Ethyl Acetate	4.733	43	210658	49.833	ug/l	99
38) Carbon Tetrachloride	5.690	117	190198	42.744	ug/l	99
39) Methylcyclohexane	7.391	83	204976	40.357	ug/l	97
40) Benzene	6.049	78	575192	47.193	ug/l	100

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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	95846	53.767	ug/l	98
42) 1,2-Dichloroethane	6.098	62	211130	48.905	ug/l	100
43) Isopropyl Acetate	6.348	43	329536	54.264	ug/l	99
44) Trichloroethene	7.135	130	141897	45.468	ug/l	99
45) 1,2-Dichloropropane	7.439	63	149101	48.832	ug/l	99
46) Dibromomethane	7.586	93	108227	48.823	ug/l	98
47) Bromodichloromethane	7.830	83	219351	47.732	ug/l	96
48) Methyl methacrylate	7.695	41	167405	53.107	ug/l	99
49) 1,4-Dioxane	7.683	88	37678	1229.562	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	972174	278.187	ug/l	98
52) Toluene	8.720	92	354651	47.090	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	198566	49.509	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	219408	48.331	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	142557	49.854	ug/l	98
56) Ethyl methacrylate	9.116	69	227071	53.861	ug/l	99
57) 1,3-Dichloropropane	9.311	76	242512	49.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	517470	256.814	ug/l	99
59) 2-Hexanone	9.433	43	664708	274.974	ug/l	99
60) Dibromochloromethane	9.518	129	163031	47.975	ug/l	99
61) 1,2-Dibromoethane	9.610	107	145018	49.181	ug/l	99
64) Tetrachloroethene	9.274	164	114609	43.671	ug/l	98
65) Chlorobenzene	10.079	112	395517	45.872	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	134787	46.245	ug/l	100
67) Ethyl Benzene	10.195	91	682262	45.975	ug/l	99
68) m/p-Xylenes	10.299	106	505624	91.376	ug/l	98
69) o-Xylene	10.640	106	248628	46.690	ug/l	100
70) Styrene	10.652	104	435716	48.426	ug/l	100
71) Bromoform	10.799	173	105843	48.338	ug/l #	99
73) Isopropylbenzene	10.963	105	635537	45.592	ug/l	99
74) N-amyl acetate	10.841	43	274391	51.837	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	204727	50.022	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	163610m	50.078	ug/l	
77) Bromobenzene	11.195	156	158725	46.630	ug/l	99
78) n-propylbenzene	11.305	91	748109	44.937	ug/l	99
79) 2-Chlorotoluene	11.359	91	458958	45.604	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	524391	45.721	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27349	38.529	ug/l	96
82) 4-Chlorotoluene	11.451	91	536951	45.262	ug/l	100
83) tert-Butylbenzene	11.713	119	524851	45.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	533947	46.554	ug/l	99
85) sec-Butylbenzene	11.890	105	636533	44.881	ug/l	100
86) p-Isopropyltoluene	12.006	119	533633	44.464	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	292853	45.035	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	292001	43.659	ug/l	99
89) n-Butylbenzene	12.329	91	484331	43.388	ug/l	99
90) Hexachloroethane	12.536	117	90925	43.186	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	285344	46.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	40467	51.127	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	183154	44.264	ug/l	99
94) Hexachlorobutadiene	13.719	225	54992	37.337	ug/l	97
95) Naphthalene	13.774	128	685477	57.969	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	176999	45.381	ug/l	100

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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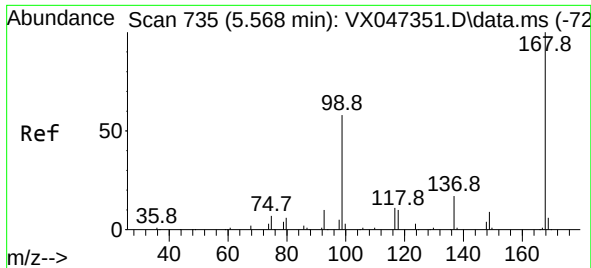
Quant Time: Aug 21 01:38:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

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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[illegible]



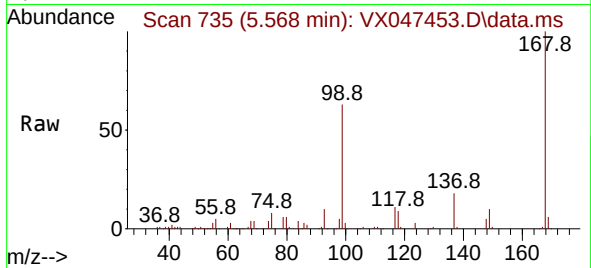
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

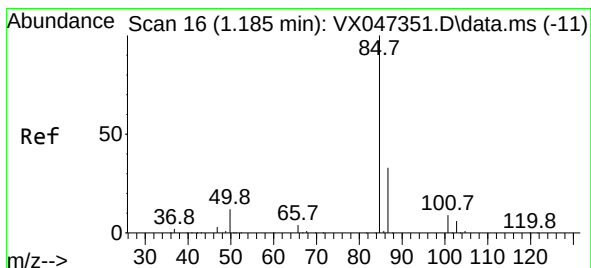
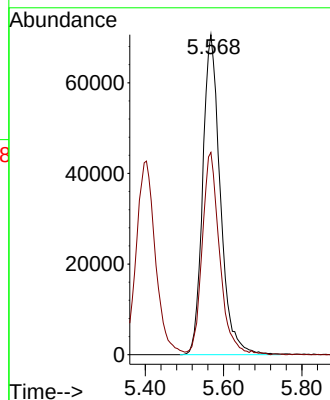
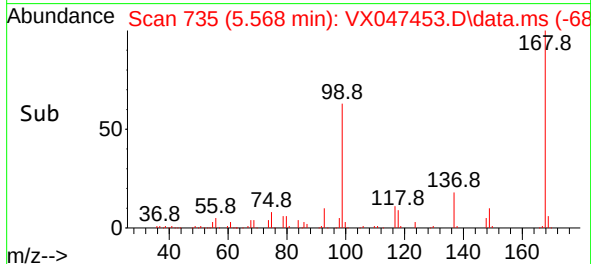


Tgt Ion:168 Resp: 219510
Ion Ratio Lower Upper
168 100
99 63.0 47.9 71.9

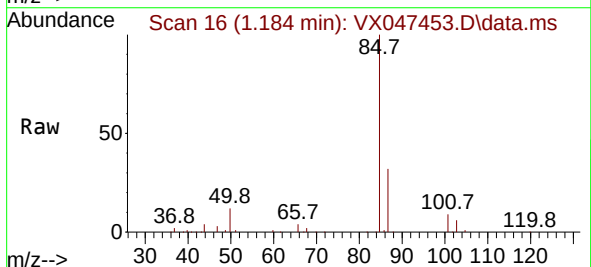
Manual Integrations

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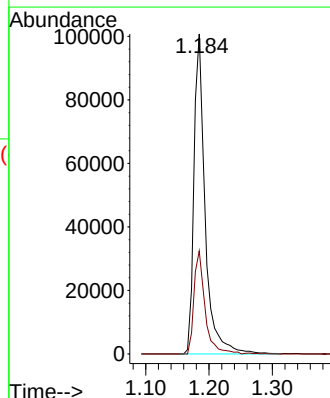
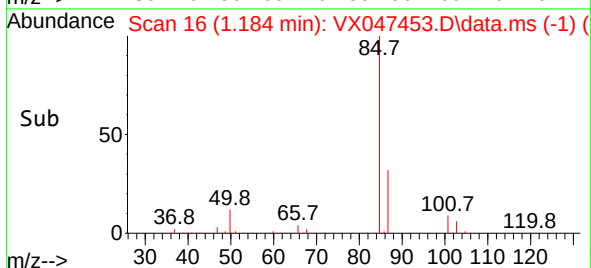
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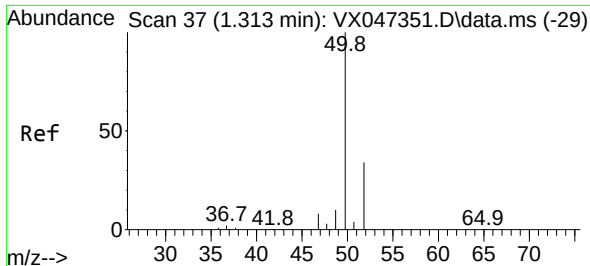


#2
Dichlorodifluoromethane
Concen: 44.372 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



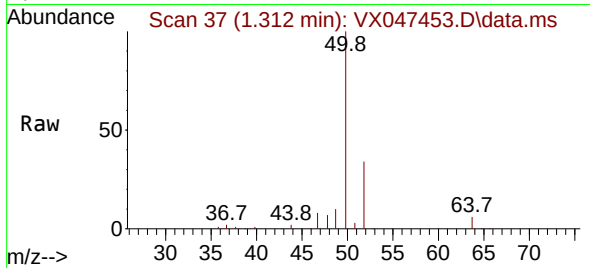
Tgt Ion: 85 Resp: 124163
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.1





#3
Chloromethane
Concen: 47.189 ug/l
RT: 1.312 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

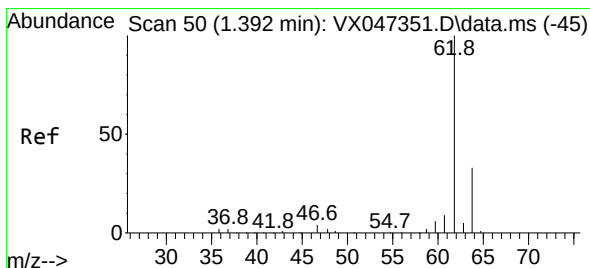
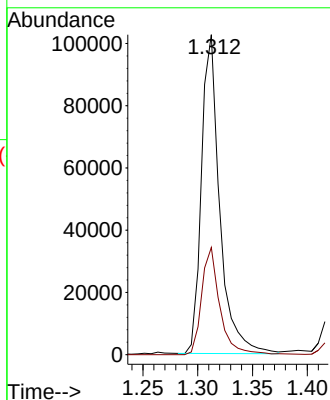
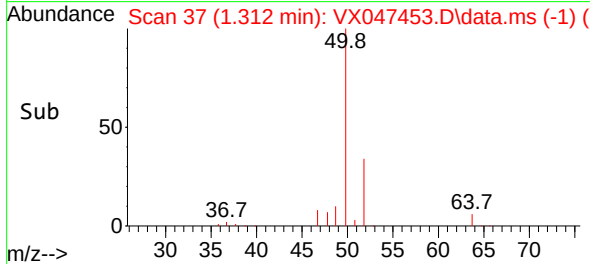
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 118789
Ion Ratio Lower Upper
50 100
52 33.7 27.0 40.4

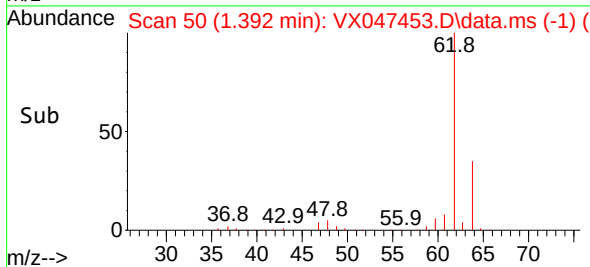
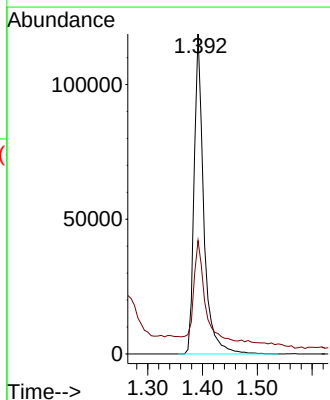
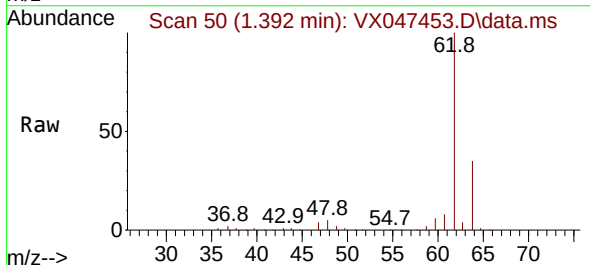
Manual Integrations
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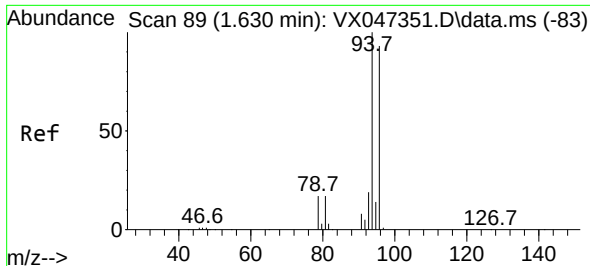
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#4
Vinyl Chloride
Concen: 46.337 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

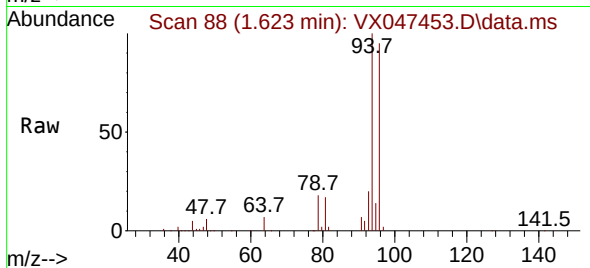
Tgt Ion: 62 Resp: 146404
Ion Ratio Lower Upper
62 100
64 32.3 26.5 39.7





#5
Bromomethane
Concen: 34.789 ug/l
RT: 1.623 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

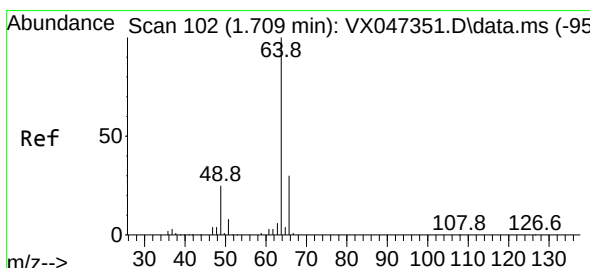
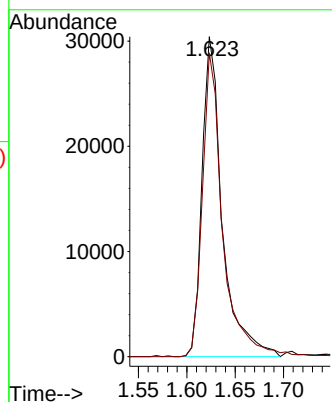
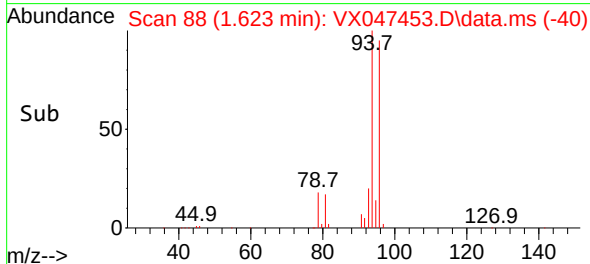
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 44398
Ion Ratio Lower Upper
94 100
96 95.0 74.7 112.1

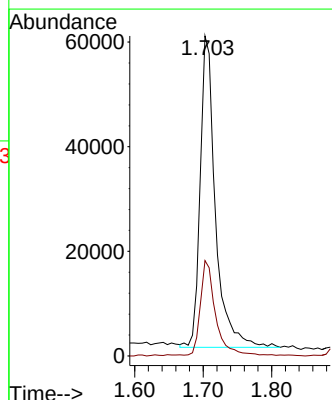
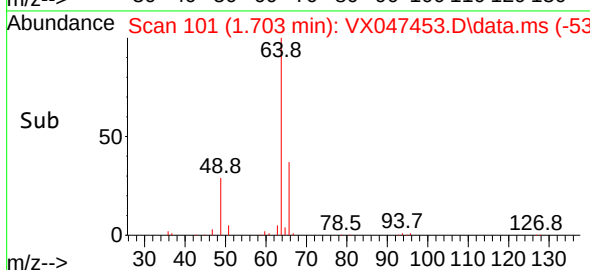
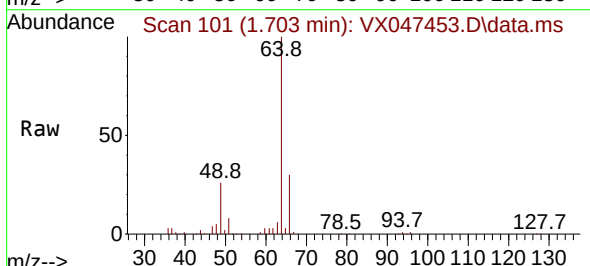
Manual Integrations
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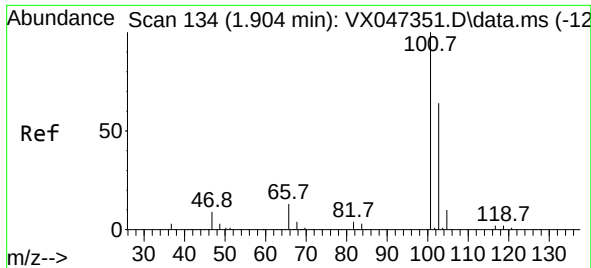
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#6
Chloroethane
Concen: 47.777 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

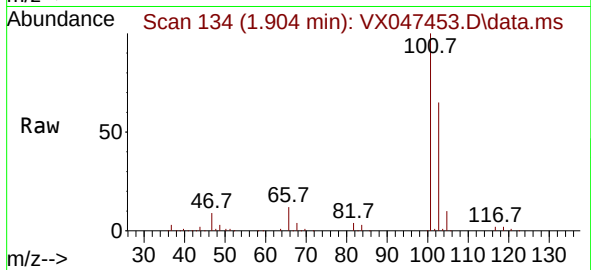
Tgt Ion: 64 Resp: 92359
Ion Ratio Lower Upper
64 100
66 30.3 24.4 36.6





#7
Trichlorofluoromethane
Concen: 44.935 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

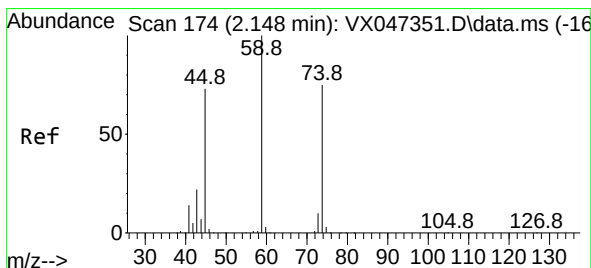
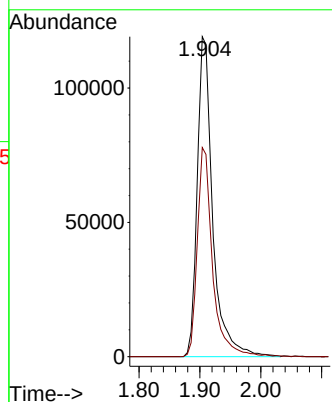
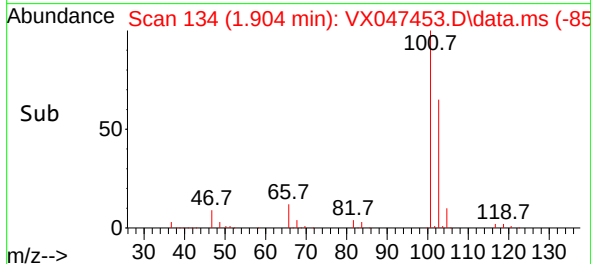
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 210004
Ion Ratio Lower Upper
101 100
103 65.3 50.9 76.3

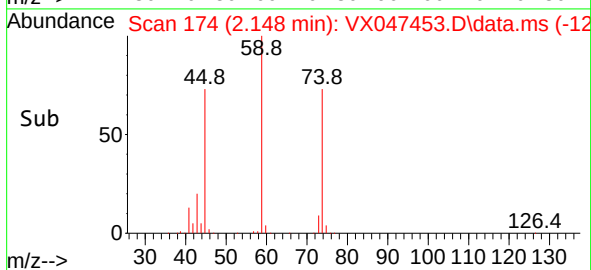
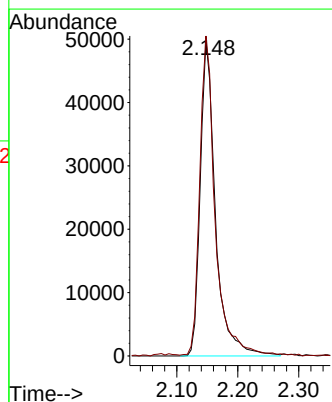
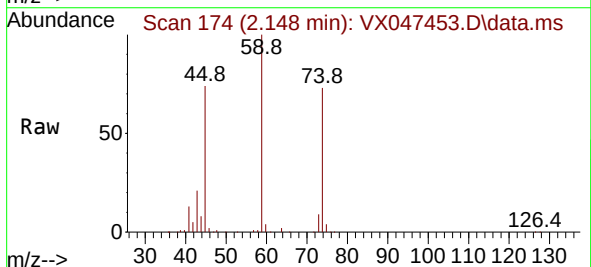
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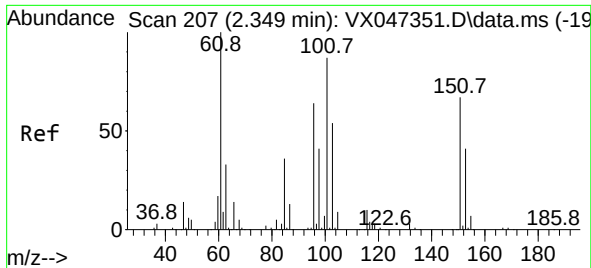
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#8
Diethyl Ether
Concen: 52.580 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047453.D
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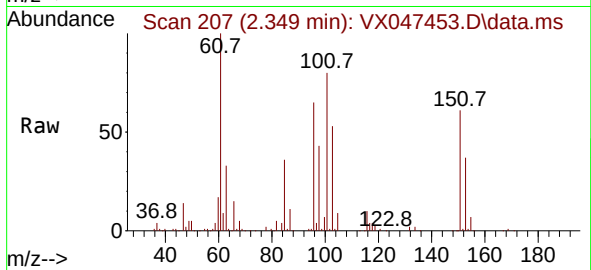
Tgt Ion: 74 Resp: 86525
Ion Ratio Lower Upper
74 100
45 102.3 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.126 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047453.D
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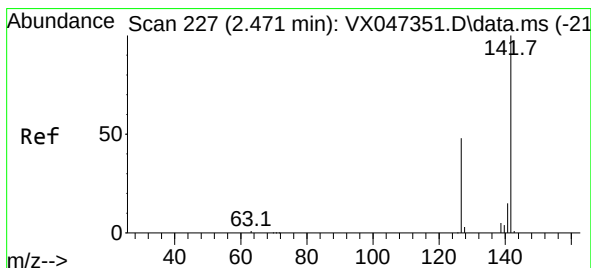
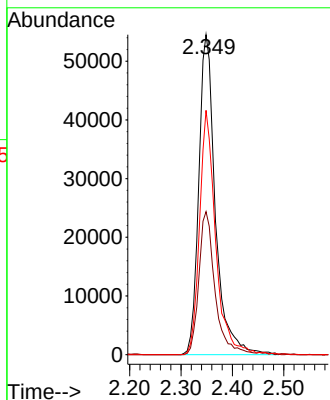
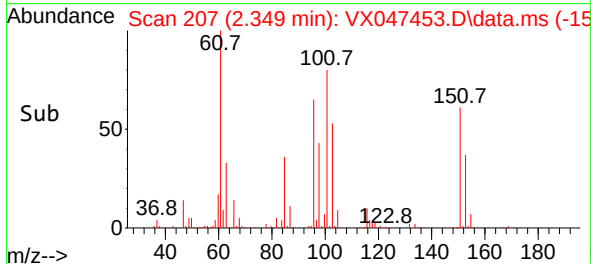
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 12233
Ion Ratio Lower Upper
101 100
85 43.5 34.3 51.5
151 74.5 59.2 88.8

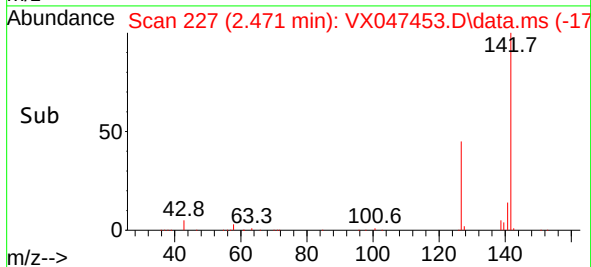
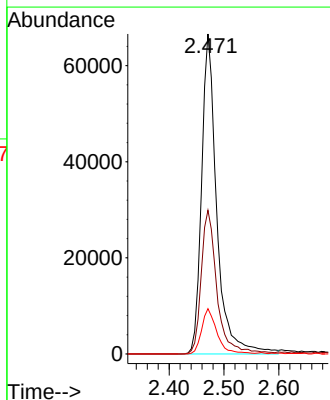
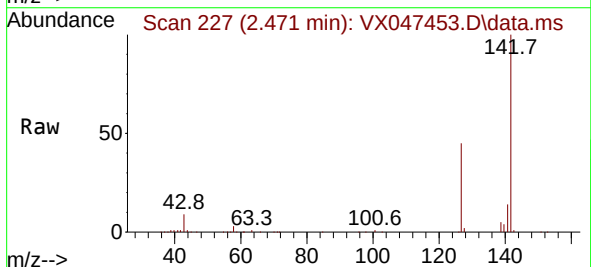
Manual Integrations
APPROVED

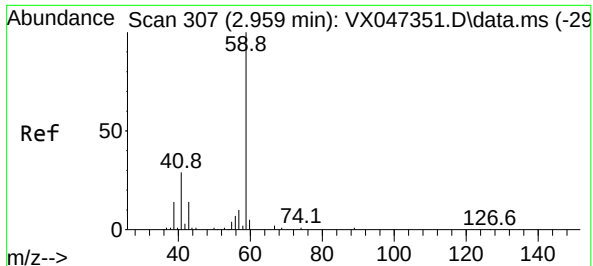
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#10
Methyl Iodide
Concen: 27.577 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Tgt Ion:142 Resp: 128119
Ion Ratio Lower Upper
142 100
127 46.7 36.1 54.1
141 14.2 11.1 16.7





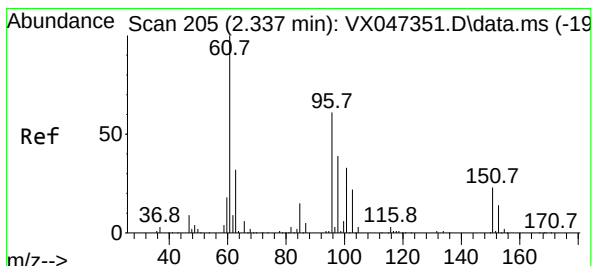
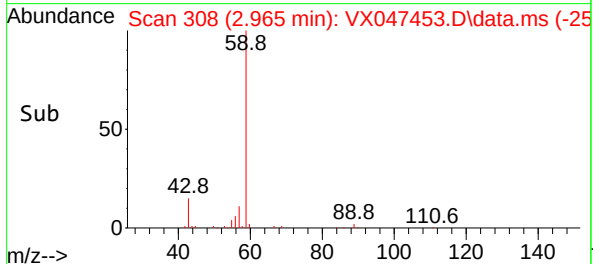
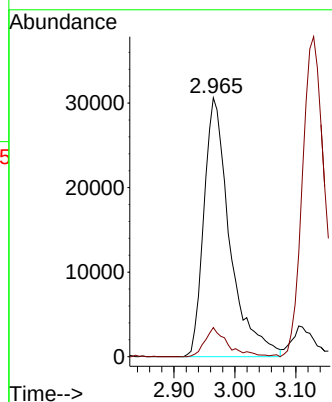
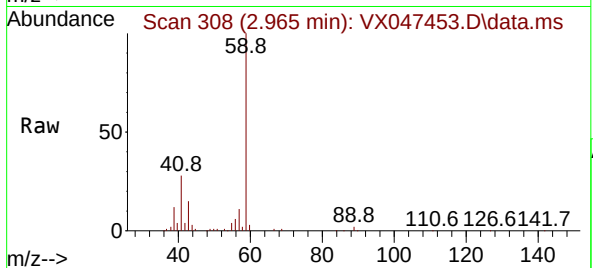
#11
Tert butyl alcohol
Concen: 338.682 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 9051
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

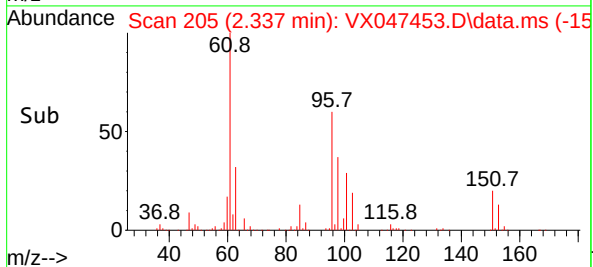
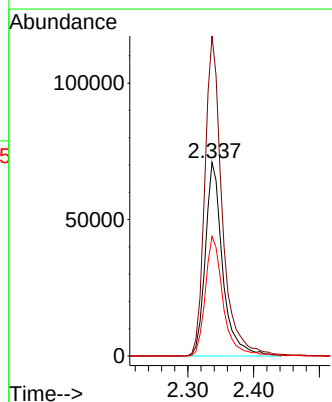
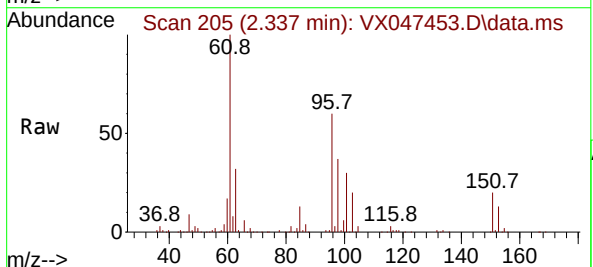
Manual Integrations
APPROVED

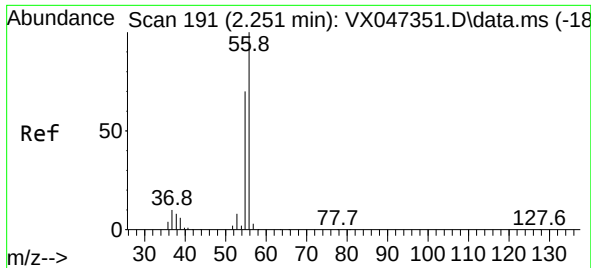
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#12
1,1-Dichloroethene
Concen: 46.960 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

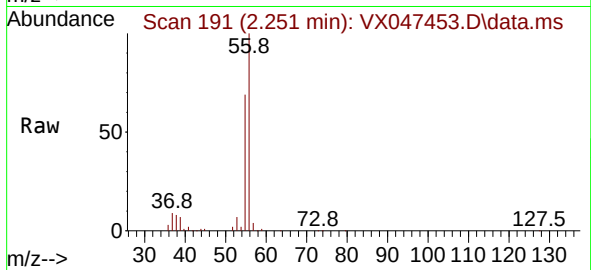
Tgt Ion: 96 Resp: 129789
Ion Ratio Lower Upper
96 100
61 165.3 132.2 198.2
98 61.7 51.2 76.8





#13
Acrolein
Concen: 294.230 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

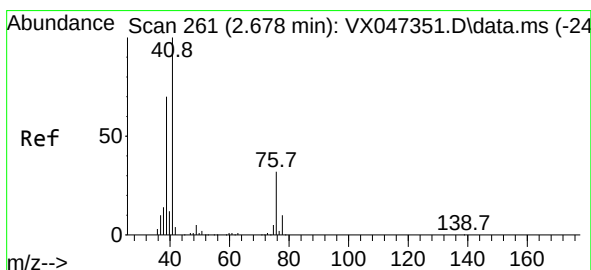
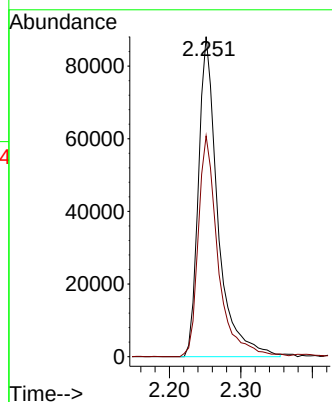
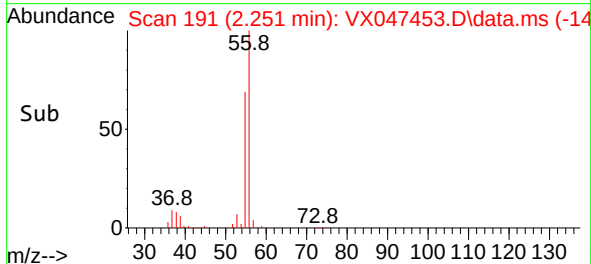
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16599
Ion Ratio Lower Upper
56 100
55 70.6 55.5 83.3

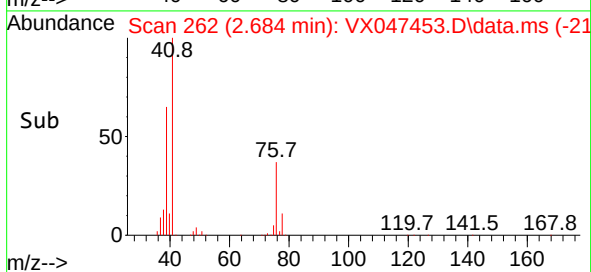
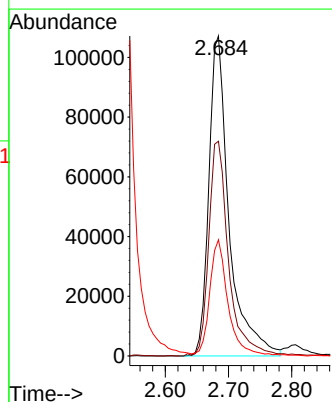
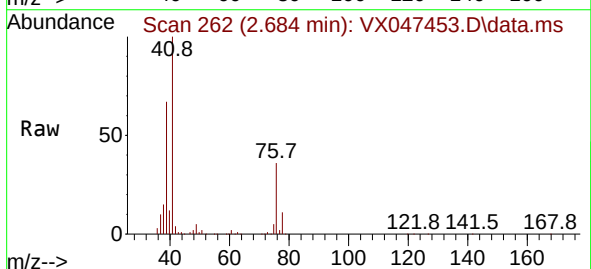
Manual Integrations
APPROVED

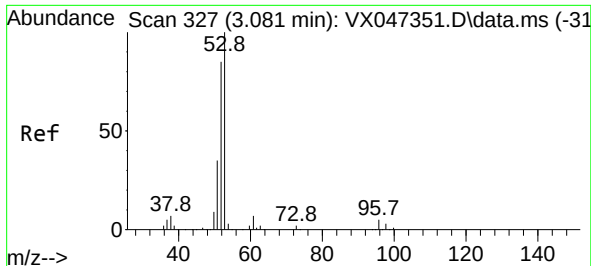
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#14
Allyl chloride
Concen: 49.697 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

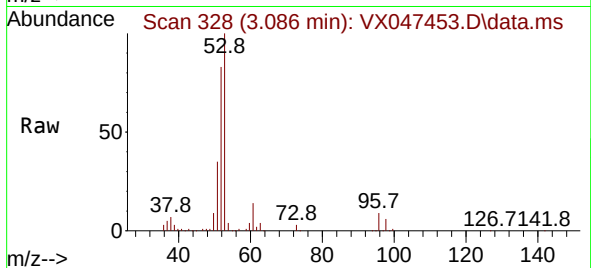
Tgt Ion: 41 Resp: 238562
Ion Ratio Lower Upper
41 100
39 66.1 54.6 81.8
76 33.2 27.6 41.4





#15
Acrylonitrile
Concen: 287.522 ug/l
RT: 3.086 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

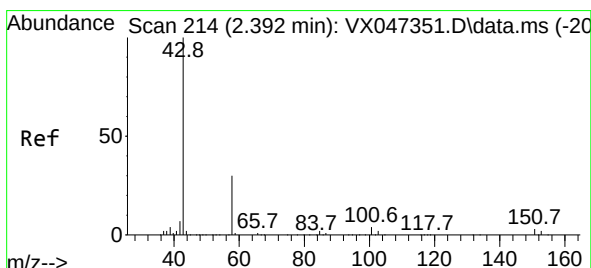
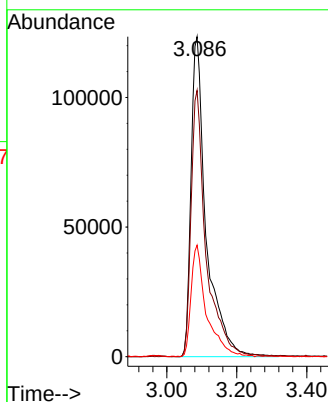
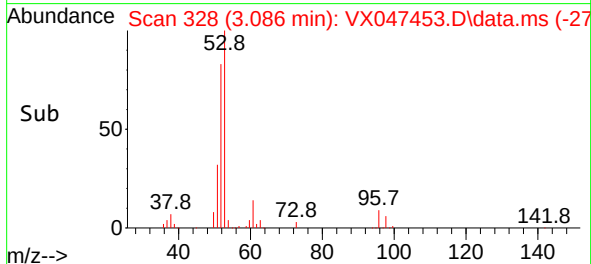
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



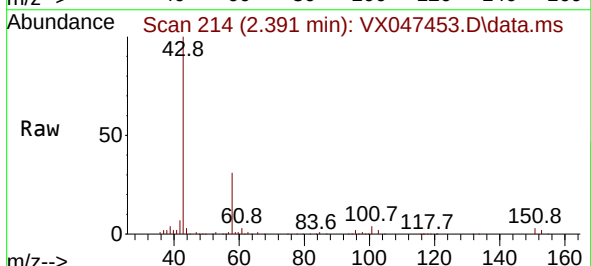
Tgt Ion: 53 Resp: 371314
Ion Ratio Lower Upper
53 100
52 82.4 65.8 98.6
51 35.5 28.2 42.2

Manual Integrations
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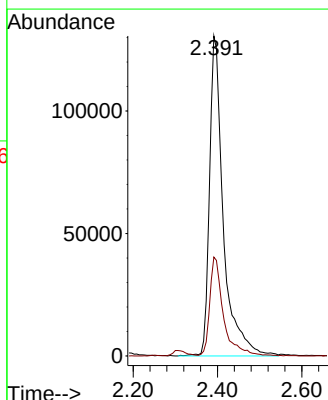
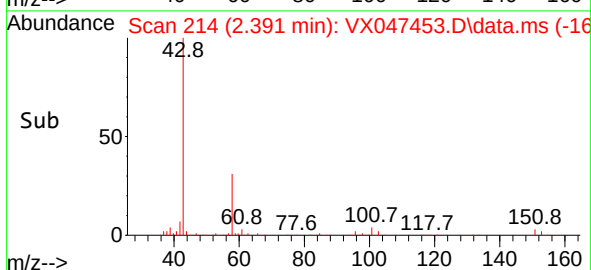
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

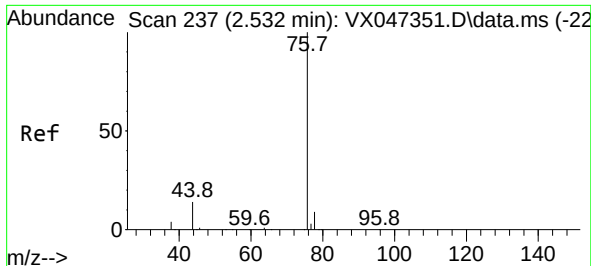


#16
Acetone
Concen: 258.028 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



Tgt Ion: 43 Resp: 297957
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2





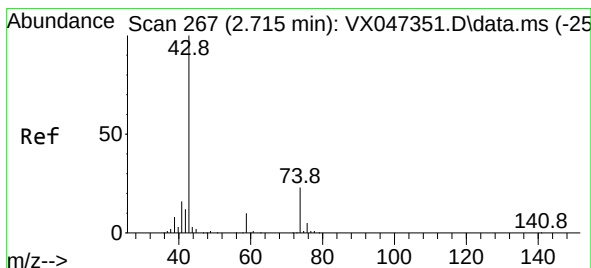
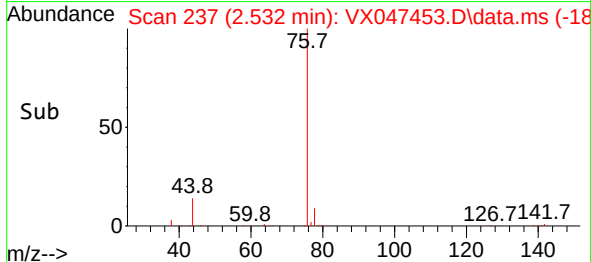
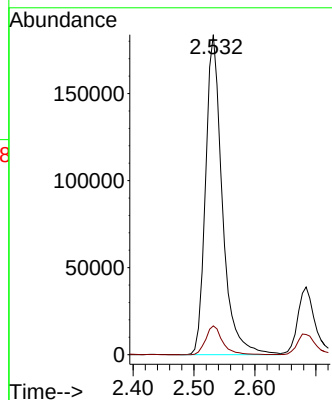
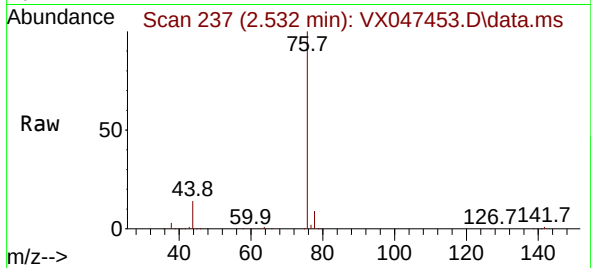
#17
Carbon Disulfide
Concen: 42.091 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 35104
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

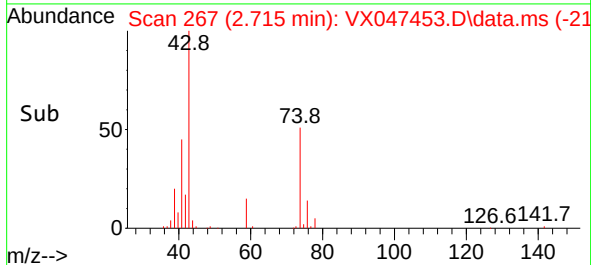
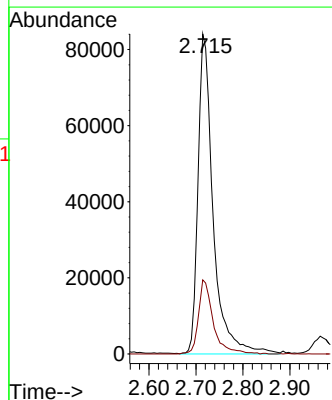
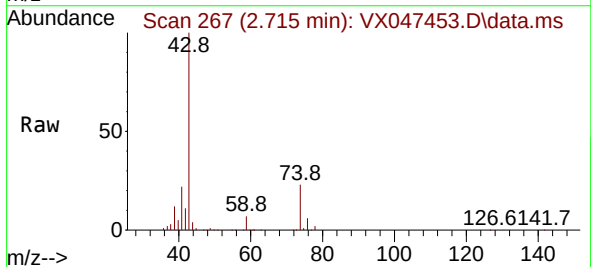
Manual Integrations
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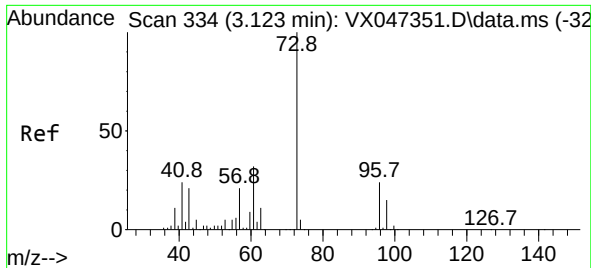
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#18
Methyl Acetate
Concen: 63.067 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Tgt Ion: 43 Resp: 188724
Ion Ratio Lower Upper
43 100
74 22.6 18.4 27.6





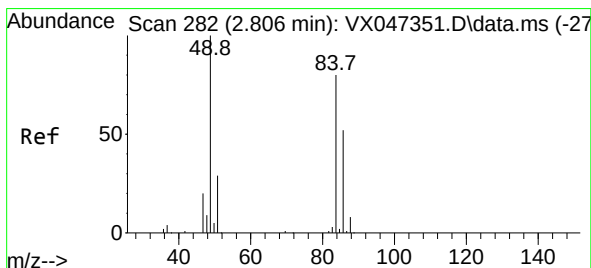
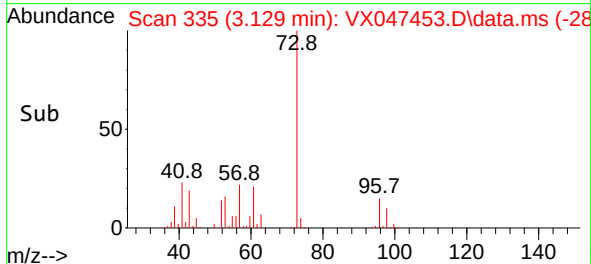
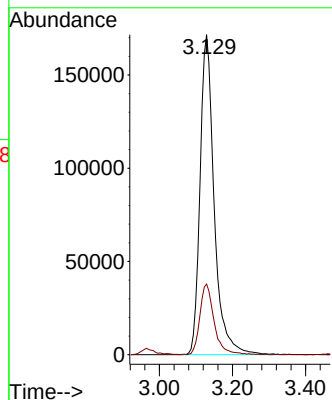
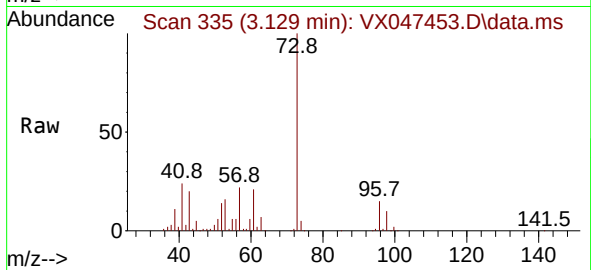
#19
Methyl tert-butyl Ether
Concen: 54.755 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDC0050EC

Tgt Ion: 73 Resp: 46038
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.6

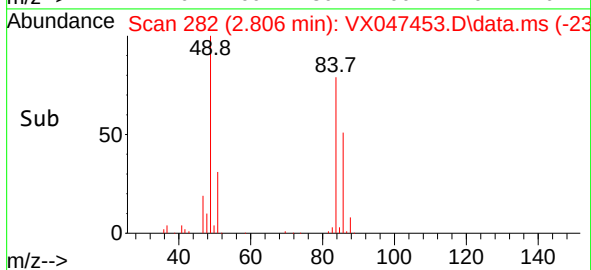
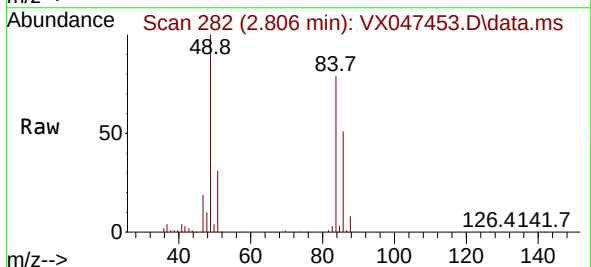
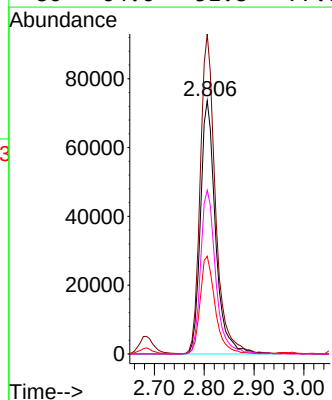
Manual Integrations
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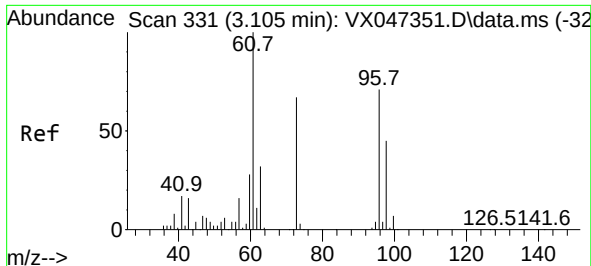
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#20
Methylene Chloride
Concen: 50.626 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

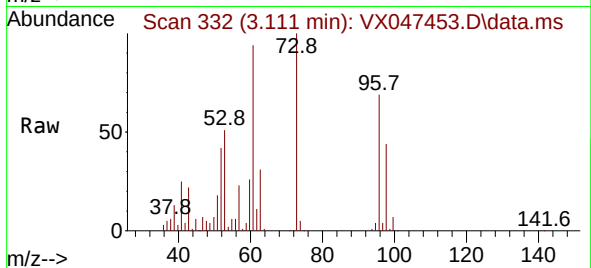
Tgt Ion: 84 Resp: 154803
Ion Ratio Lower Upper
84 100
49 126.2 100.1 150.1
51 38.5 29.5 44.3
86 64.6 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 48.285 ug/l
RT: 3.111 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

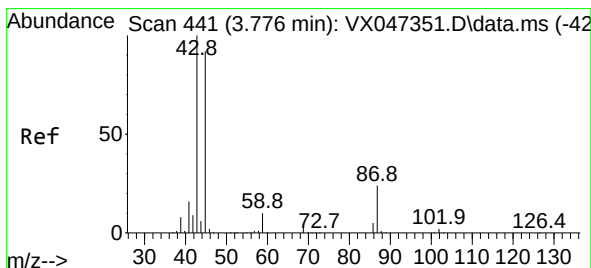
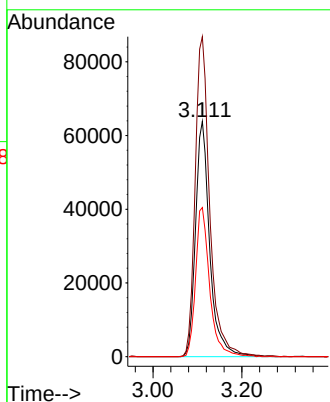
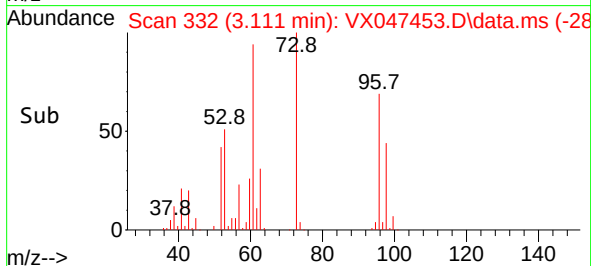
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 141639
Ion Ratio Lower Upper
96 100
61 136.0 112.6 169.0
98 63.4 50.9 76.3

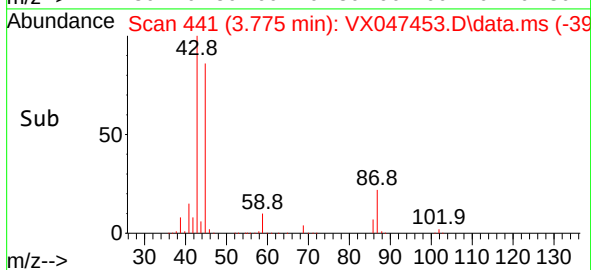
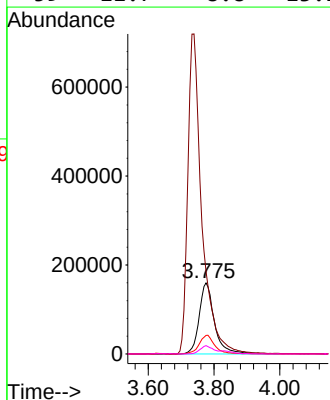
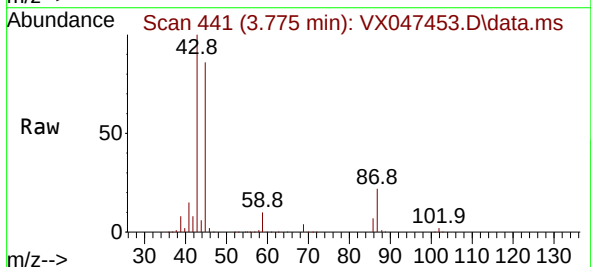
Manual Integrations
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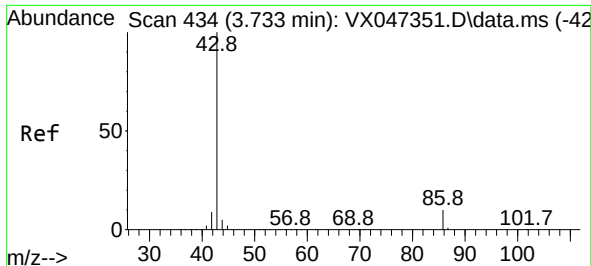
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#22
Diisopropyl ether
Concen: 54.195 ug/l
RT: 3.775 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Tgt Ion: 45 Resp: 514249
Ion Ratio Lower Upper
45 100
43 115.6 86.8 130.2
87 26.0 20.4 30.6
59 11.7 8.8 13.2





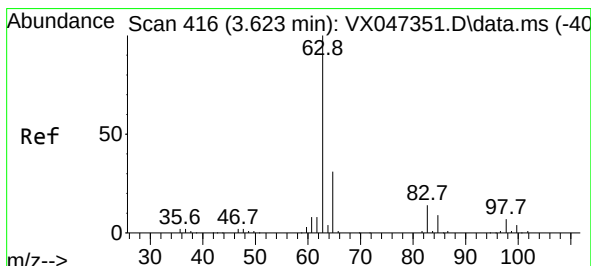
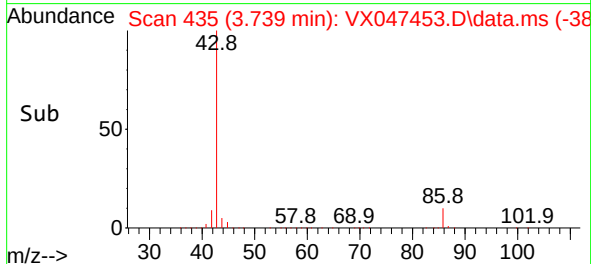
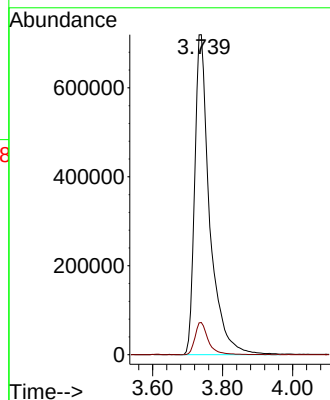
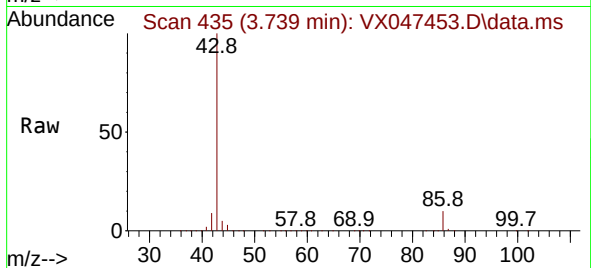
#23
 Vinyl Acetate
 Concen: 275.048 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX047453.D
 Acq: 20 Aug 2025 19:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 213917
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9

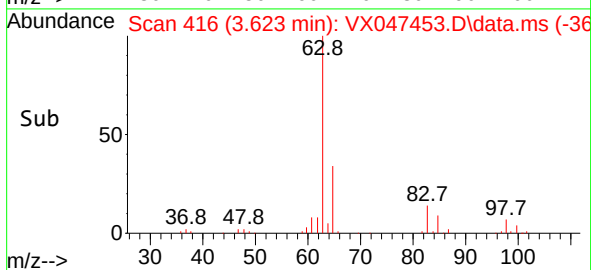
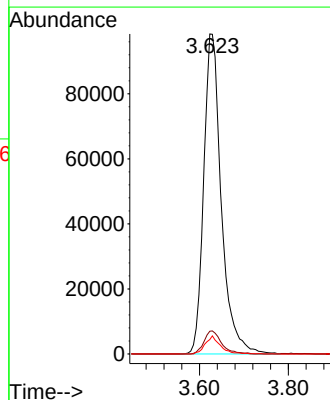
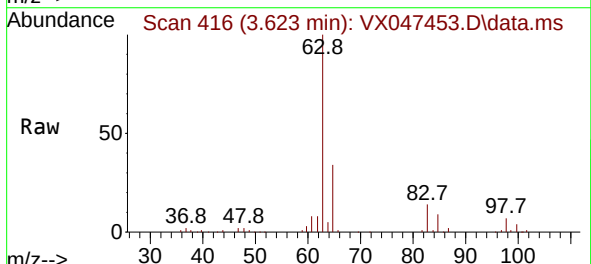
Manual Integrations
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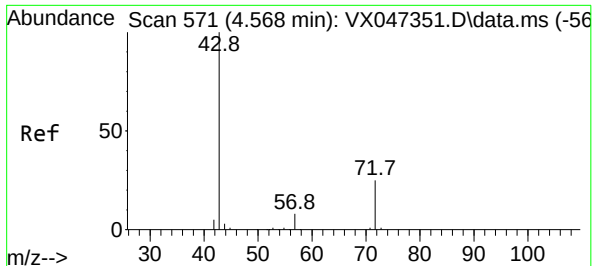
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025



#24
 1,1-Dichloroethane
 Concen: 50.593 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047453.D
 Acq: 20 Aug 2025 19:01

Tgt Ion: 63 Resp: 271347
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.9
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 307.630 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 465244

Ion Ratio Lower Upper

43 100

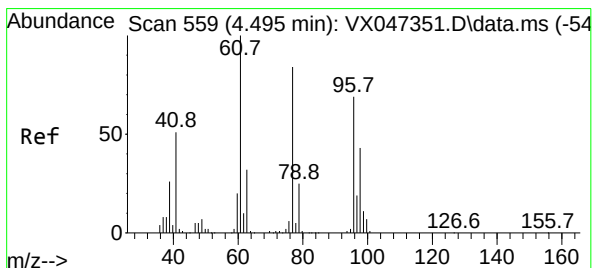
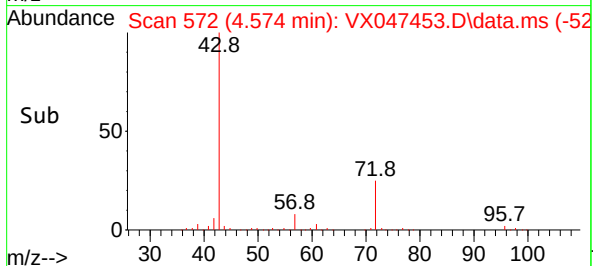
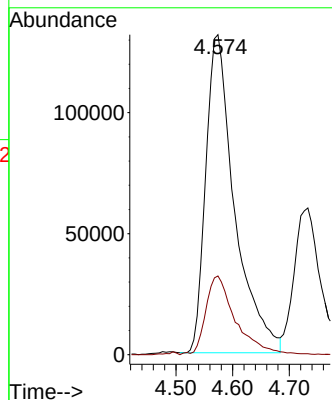
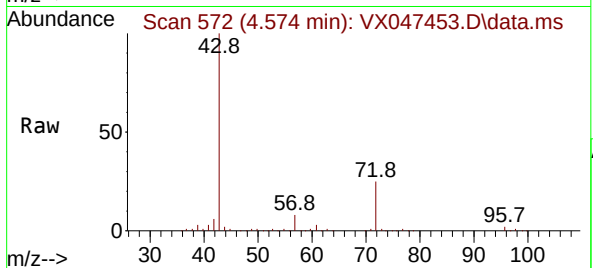
72 24.5 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#26

2,2-Dichloropropane

Concen: 41.513 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX047453.D

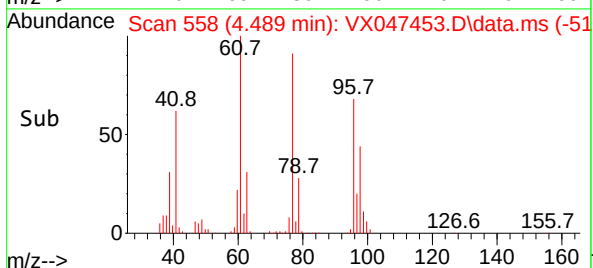
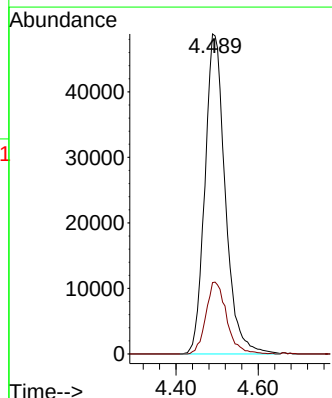
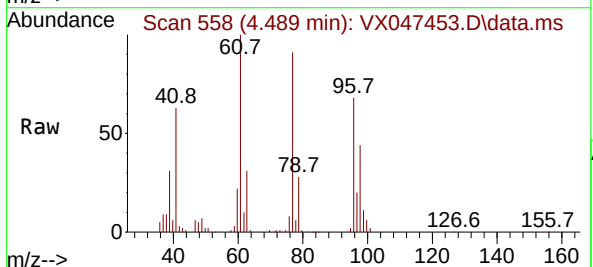
Acq: 20 Aug 2025 19:01

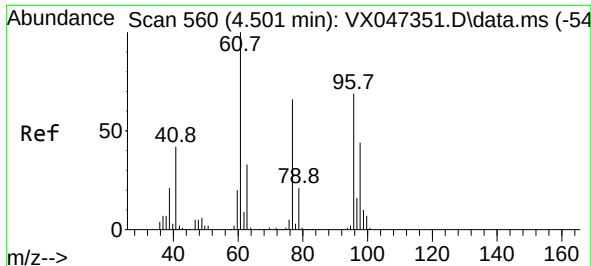
Tgt Ion: 77 Resp: 168046

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.756 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 173414

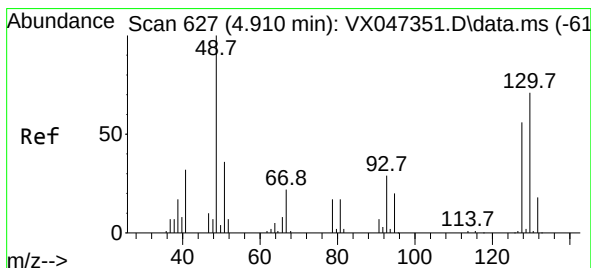
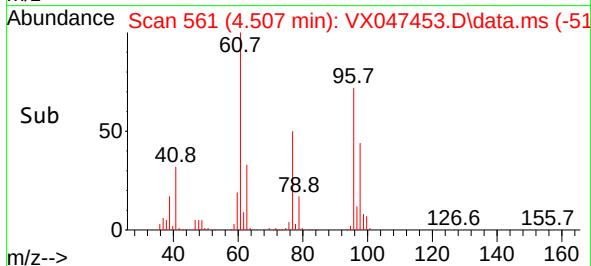
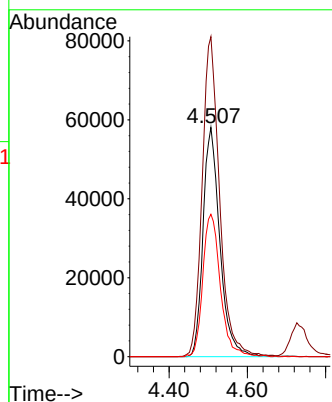
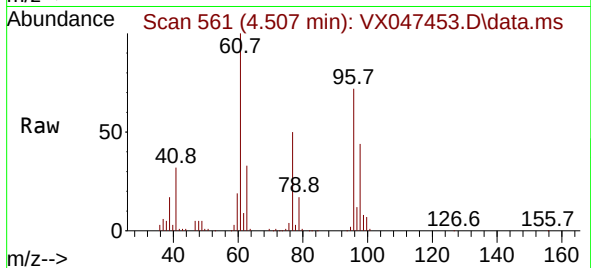
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	296.6
98	64.8	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#28

Bromochloromethane

Concen: 58.641 ug/l

RT: 4.915 min Scan# 628

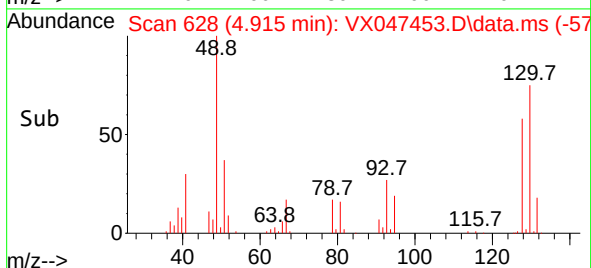
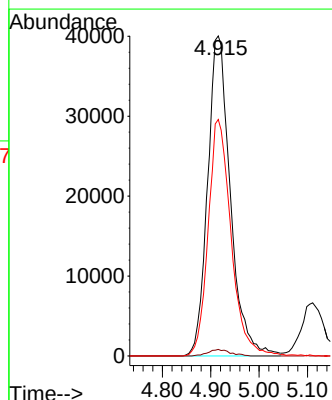
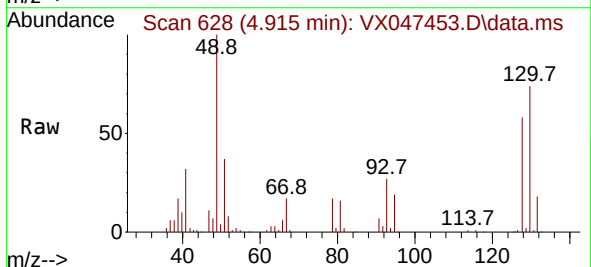
Delta R.T. 0.006 min

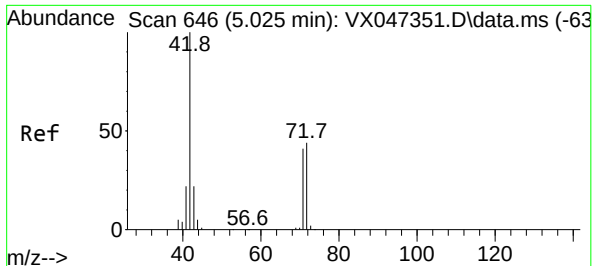
Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Tgt Ion: 49 Resp: 130876

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	74.3	59.8	89.6





#29

Tetrahydrofuran

Concen: 296.359 ug/l

RT: 5.025 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX047453.D

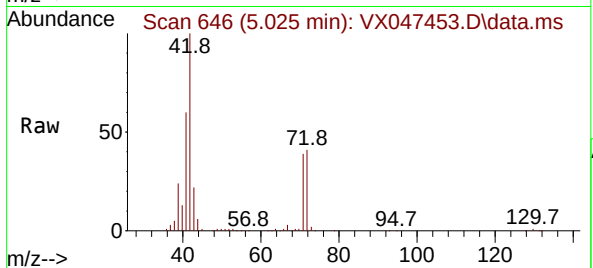
Acq: 20 Aug 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 28968

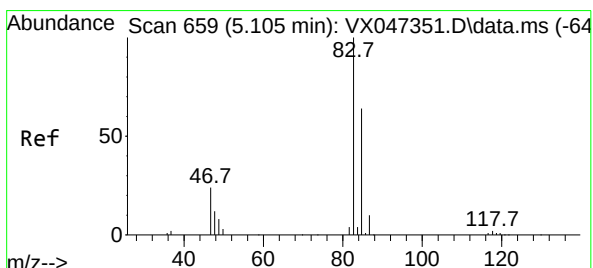
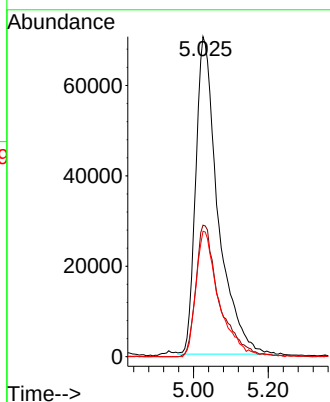
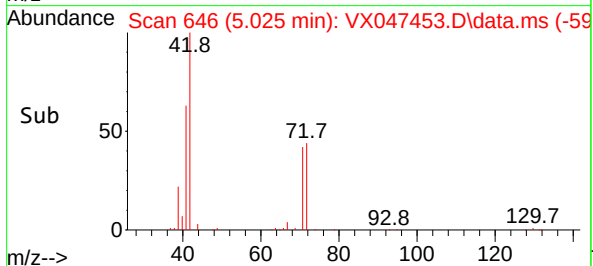
Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.6	51.8
71	41.0	32.6	49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#30

Chloroform

Concen: 50.776 ug/l

RT: 5.111 min Scan# 660

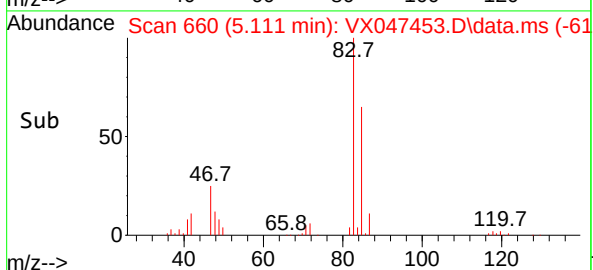
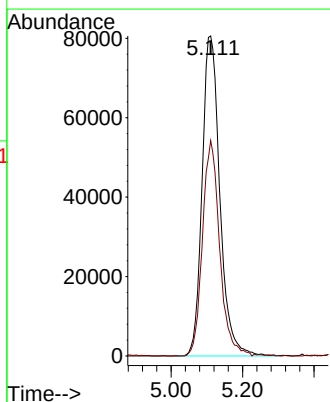
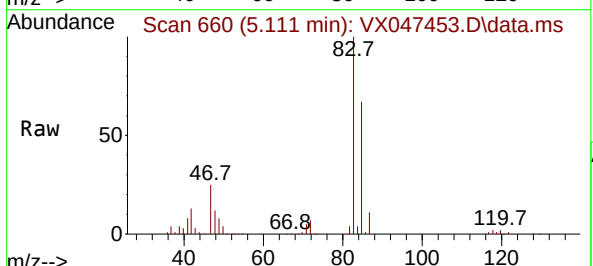
Delta R.T. 0.006 min

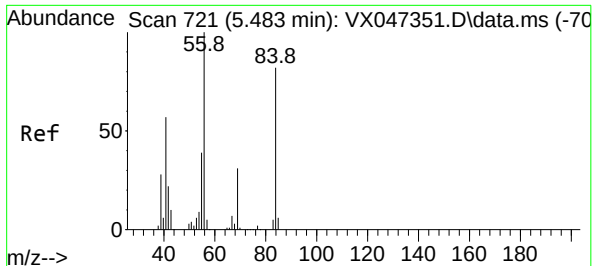
Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Tgt Ion: 83 Resp: 277931

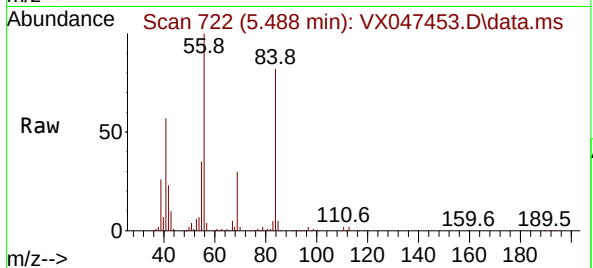
Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.2	76.8





#31
Cyclohexane
Concen: 44.313 ug/l
RT: 5.488 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

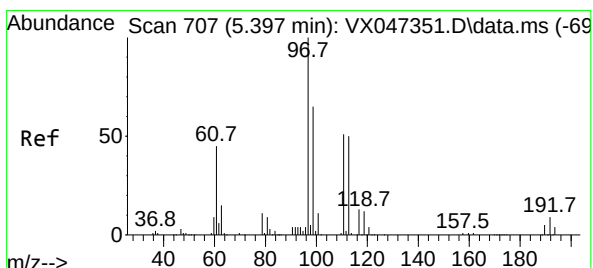
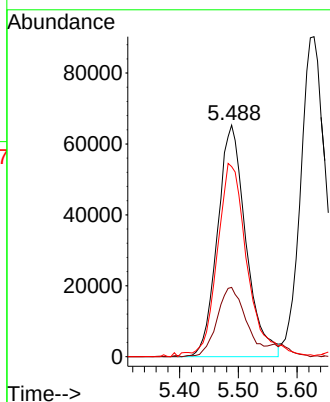
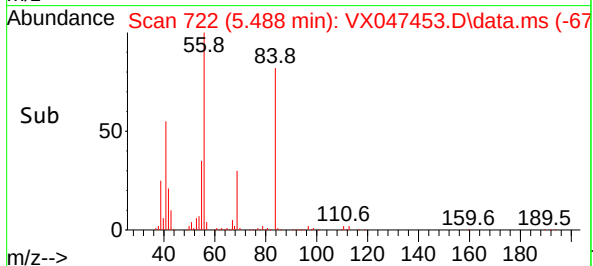
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 219086
Ion Ratio Lower Upper
56 100
69 29.5 24.3 36.5
84 82.1 65.3 97.9

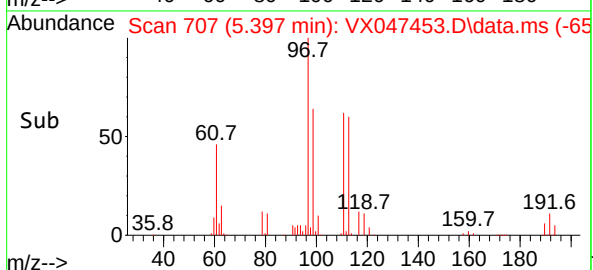
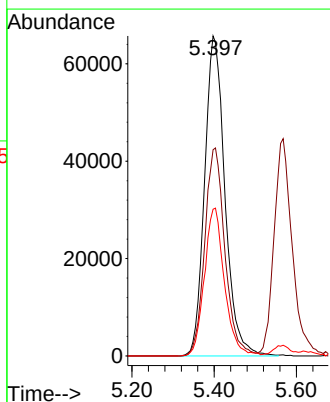
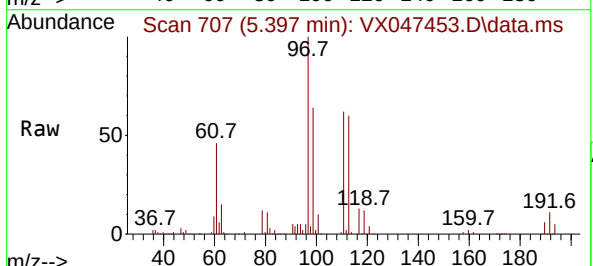
Manual Integrations
APPROVED

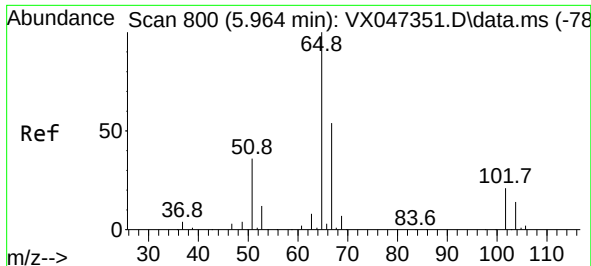
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#32
1,1,1-Trichloroethane
Concen: 47.987 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Tgt Ion: 97 Resp: 226085
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 45.6 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 55.283 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

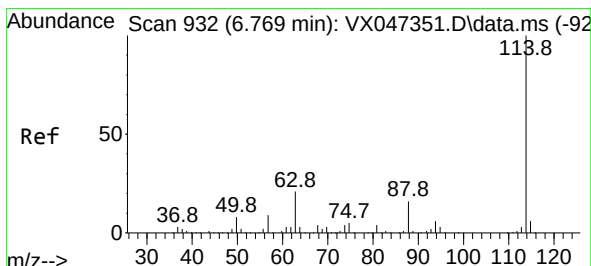
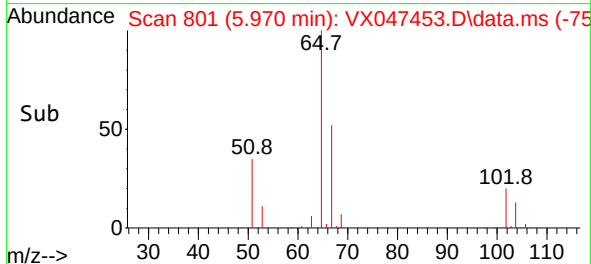
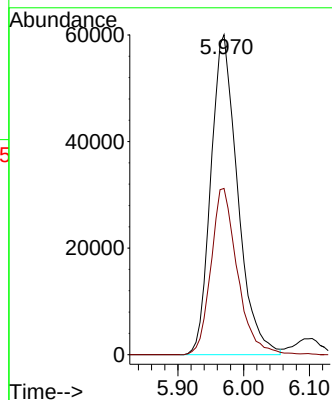
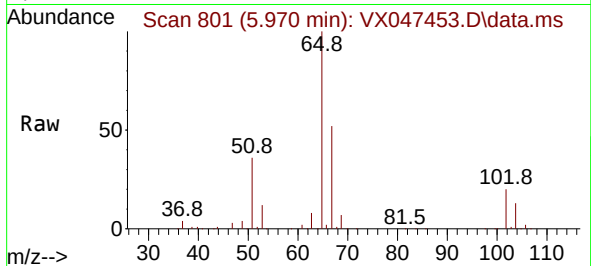
VSTDCCC050EC

Tgt Ion: 65 Resp: 16983
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0

Manual Integrations

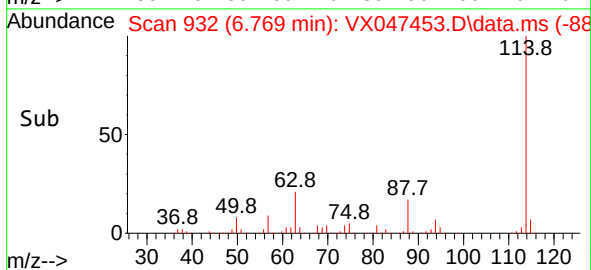
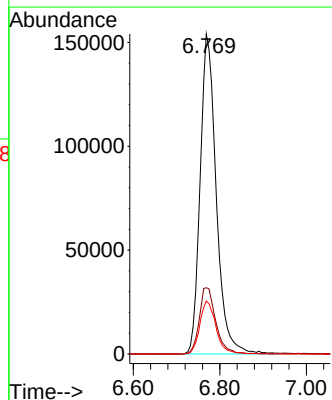
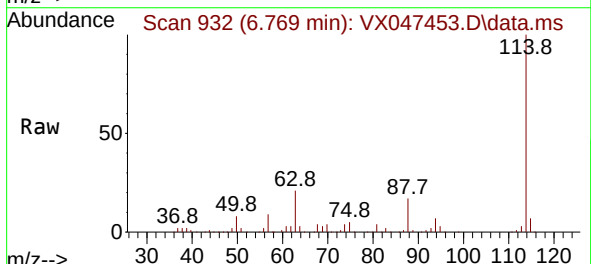
APPROVED

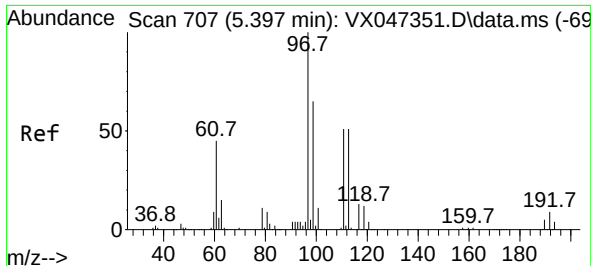
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

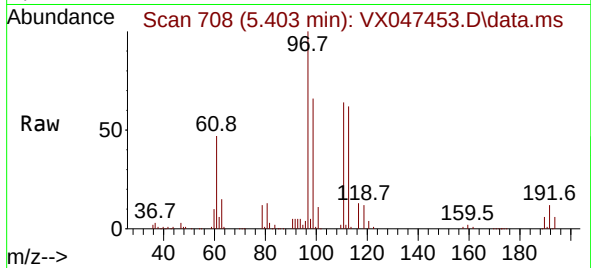
Tgt Ion:114 Resp: 397450
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 16.5 0.0 33.0





#35
 Dibromofluoromethane
 Concen: 50.761 ug/l
 RT: 5.403 min Scan# 707
 Delta R.T. 0.006 min
 Lab File: VX047453.D
 Acq: 20 Aug 2025 19:01

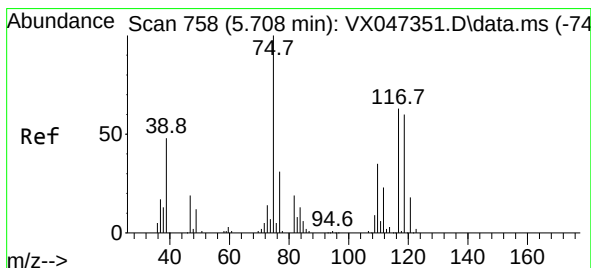
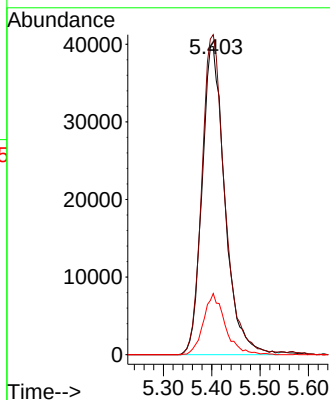
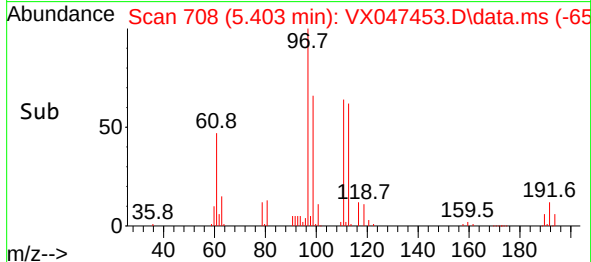
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 113 Resp: 130938
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.4 122.2
 192 18.8 14.1 21.1

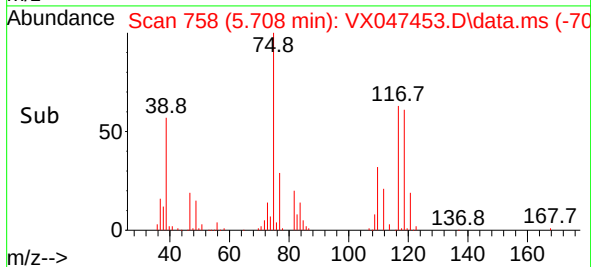
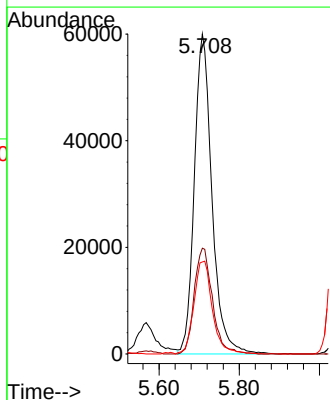
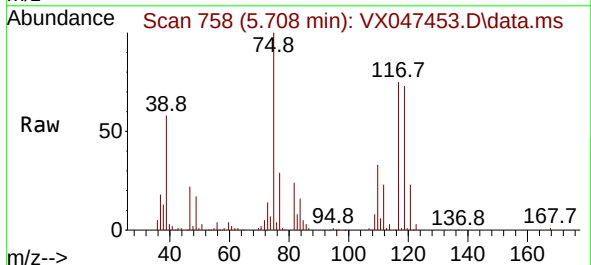
Manual Integrations
 APPROVED

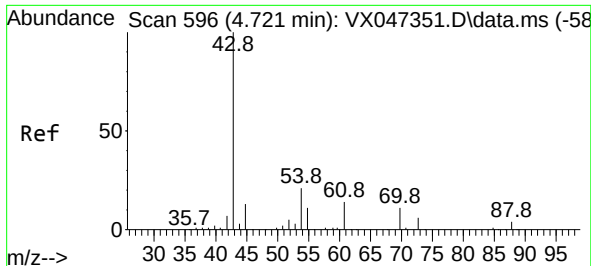
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025



#36
 1,1-Dichloropropene
 Concen: 45.011 ug/l
 RT: 5.708 min Scan# 758
 Delta R.T. -0.000 min
 Lab File: VX047453.D
 Acq: 20 Aug 2025 19:01

Tgt Ion: 75 Resp: 183283
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.4 52.2
 77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 49.833 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 210658

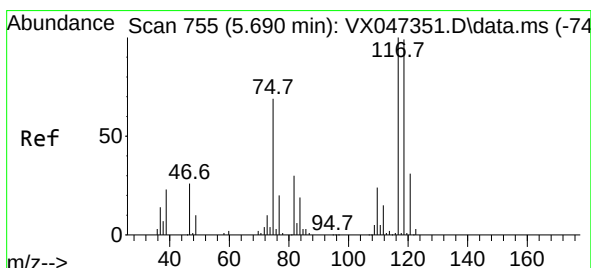
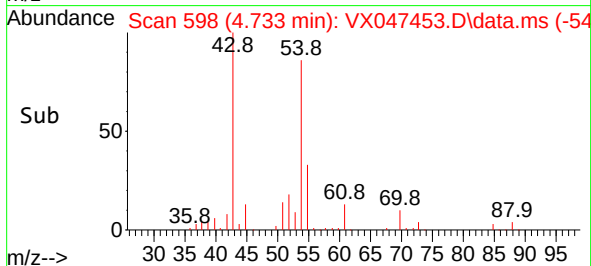
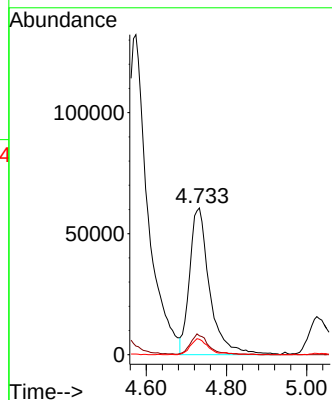
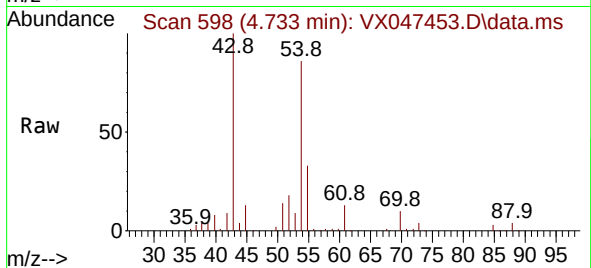
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.4	14.2
70	9.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#38

Carbon Tetrachloride

Concen: 42.744 ug/l

RT: 5.690 min Scan# 755

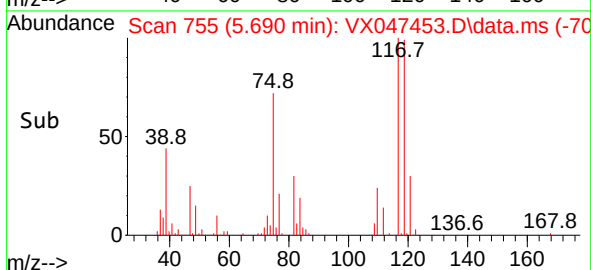
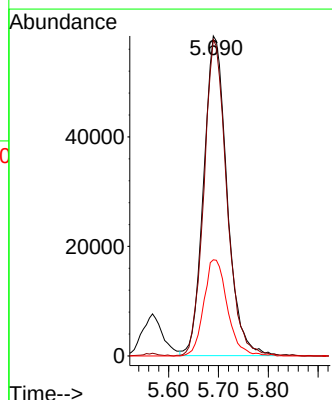
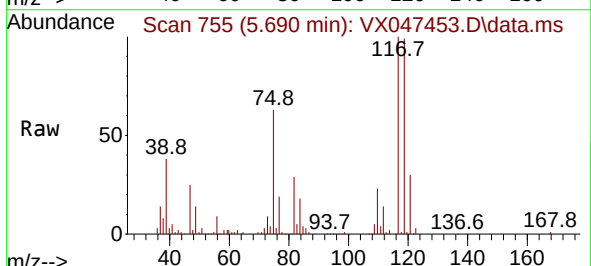
Delta R.T. -0.000 min

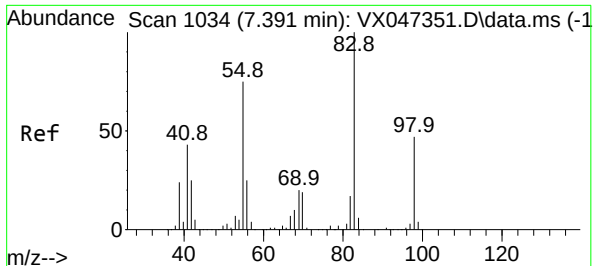
Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Tgt Ion:117 Resp: 190198

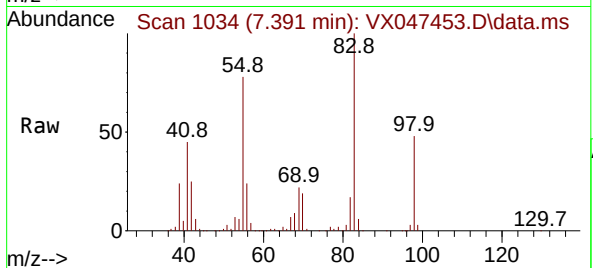
Ion	Ratio	Lower	Upper
117	100		
119	98.8	78.5	117.7
121	30.1	24.7	37.1





#39
Methylcyclohexane
Concen: 40.357 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

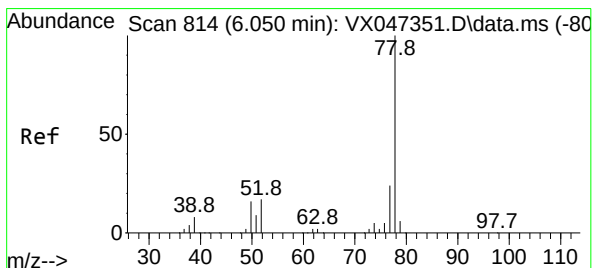
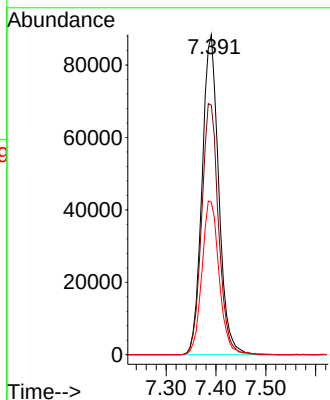
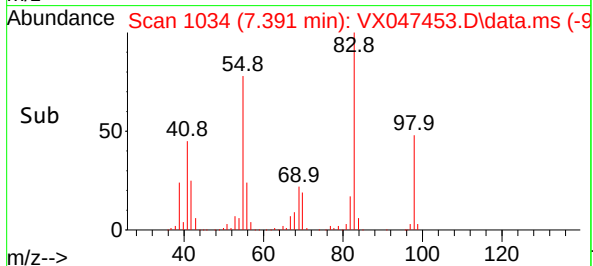
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 204970
Ion Ratio Lower Upper
83 100
55 78.0 60.0 90.0
98 47.7 37.2 55.8

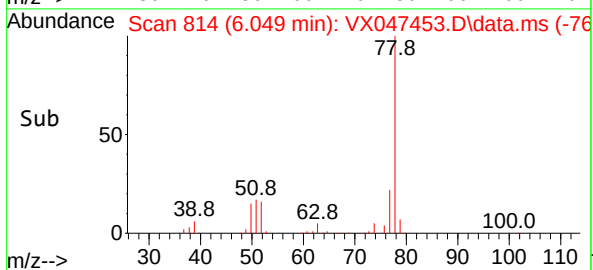
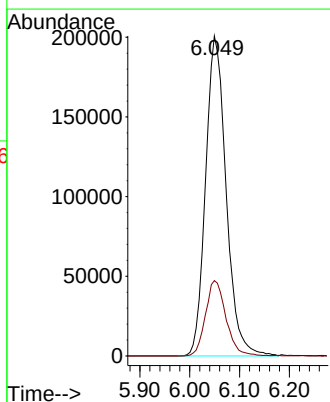
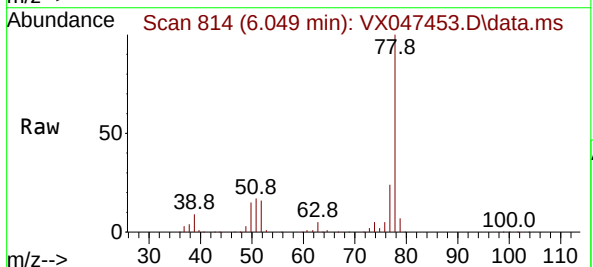
Manual Integrations
APPROVED

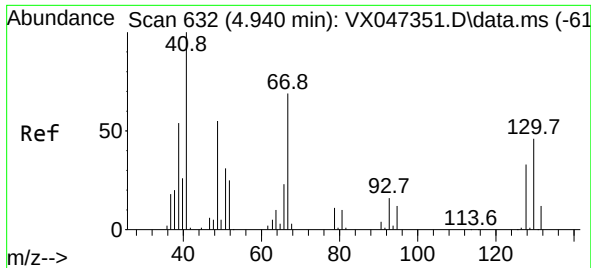
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#40
Benzene
Concen: 47.193 ug/l
RT: 6.049 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

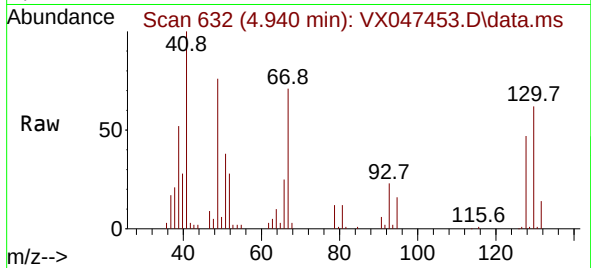
Tgt Ion: 78 Resp: 575192
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 53.767 ug/l
RT: 4.940 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

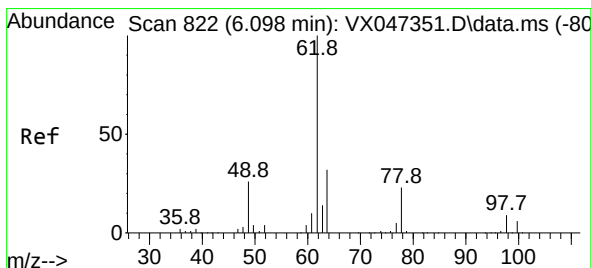
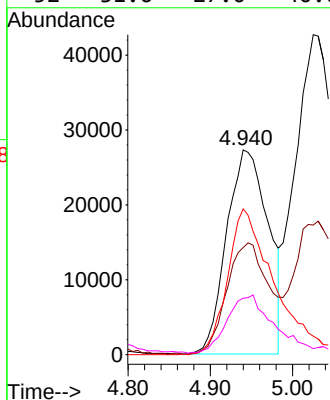
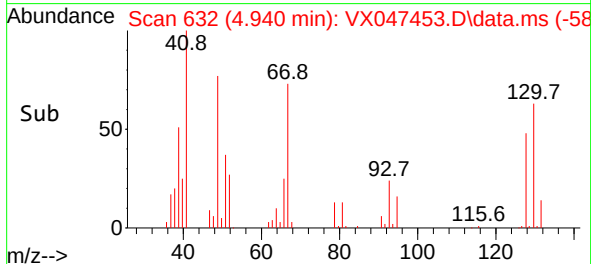
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 95840
Ion Ratio Lower Upper
41 100
39 57.0 45.4 68.2
67 81.4 64.0 96.0
52 31.6 27.0 40.6

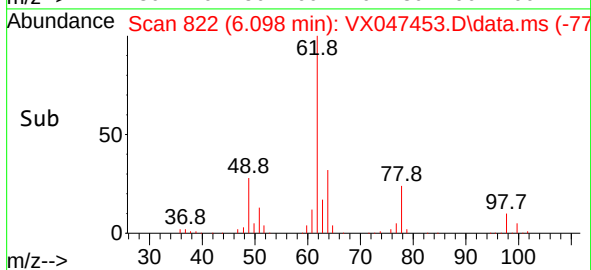
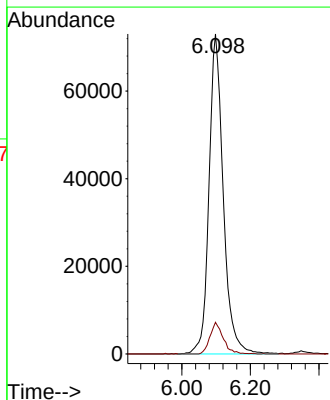
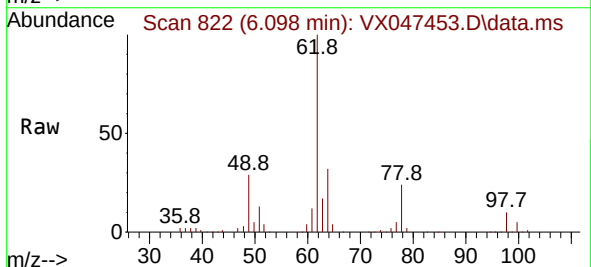
Manual Integrations
APPROVED

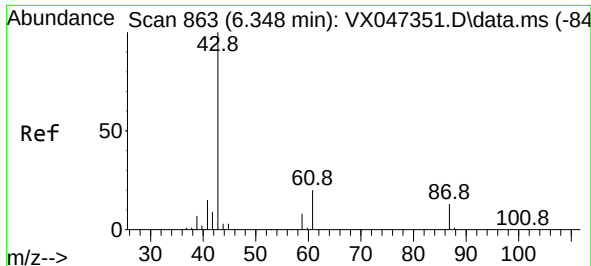
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#42
1,2-Dichloroethane
Concen: 48.905 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

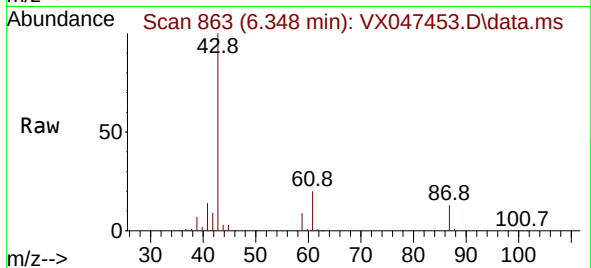
Tgt Ion: 62 Resp: 211130
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0





#43
Isopropyl Acetate
Concen: 54.264 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

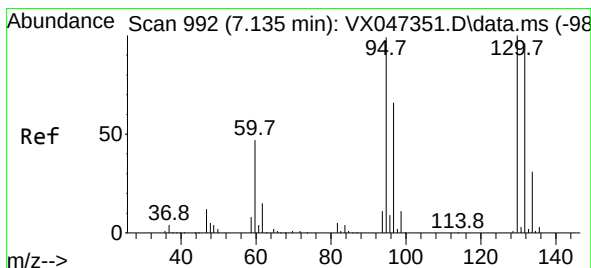
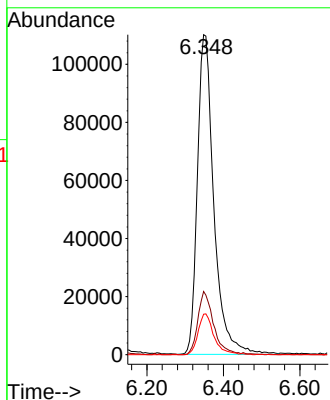
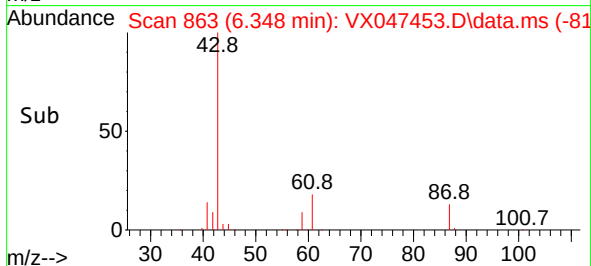
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 329530
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 12.3 10.2 15.4

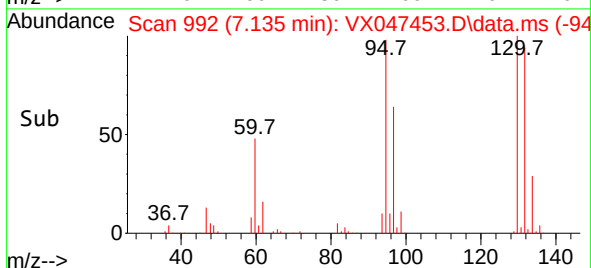
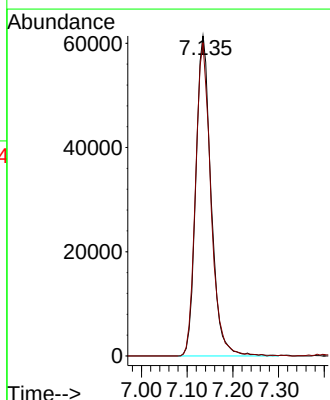
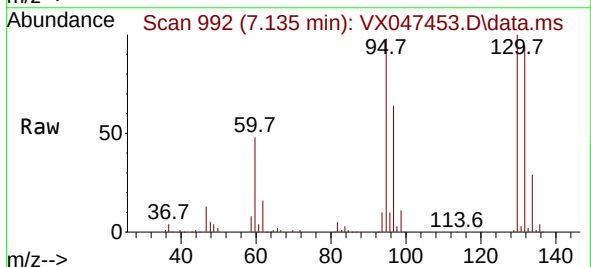
Manual Integrations
APPROVED

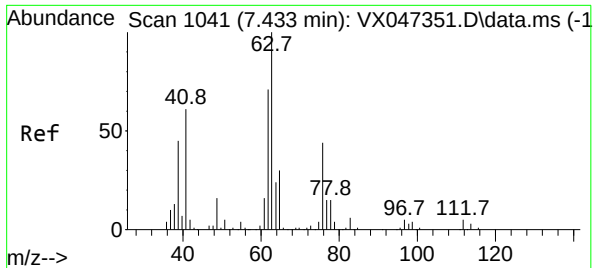
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#44
Trichloroethene
Concen: 45.468 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

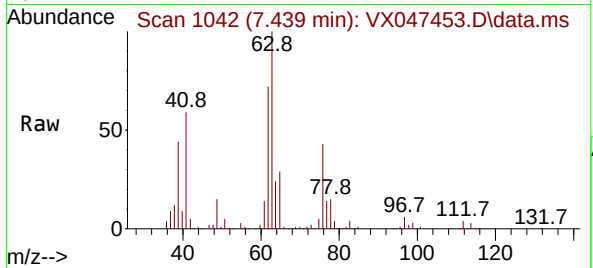
Tgt Ion:130 Resp: 141897
Ion Ratio Lower Upper
130 100
95 97.9 0.0 198.6





#45
1,2-Dichloropropane
Concen: 48.832 ug/l
RT: 7.439 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

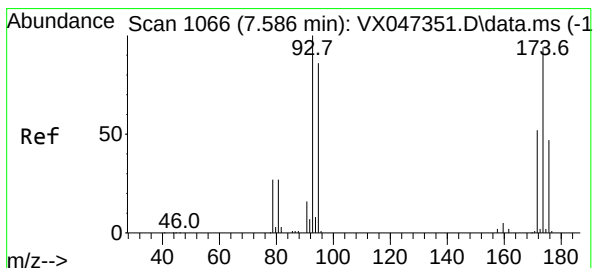
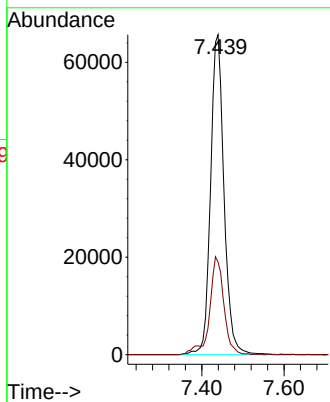
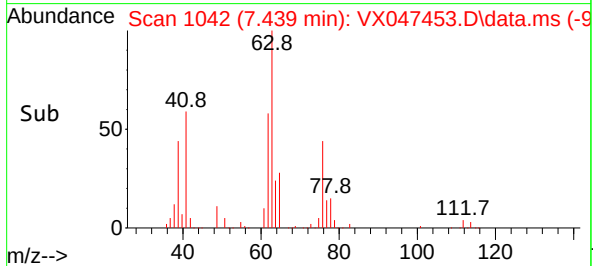
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



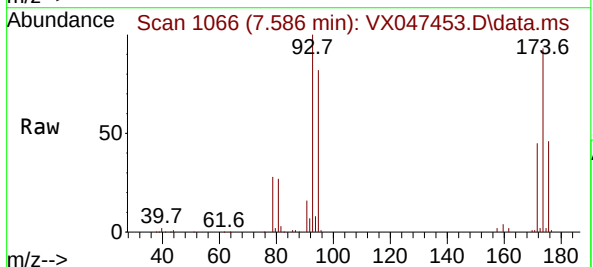
Tgt Ion: 63 Resp: 14910
Ion Ratio Lower Upper
63 100
65 29.0 23.8 35.6

Manual Integrations
APPROVED

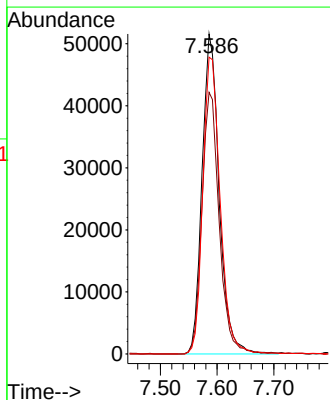
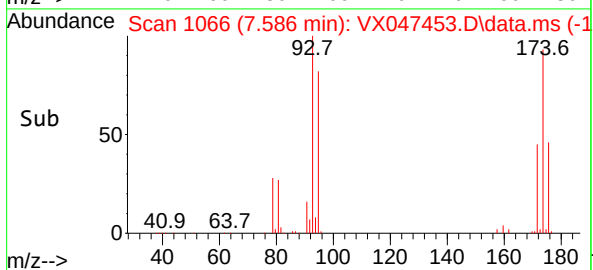
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

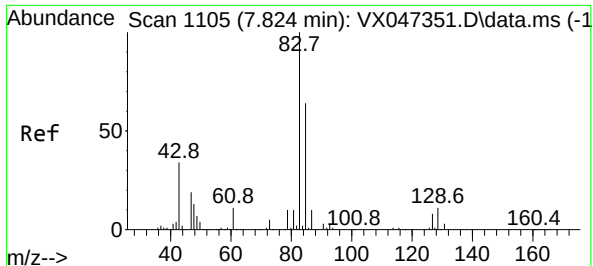


#46
Dibromomethane
Concen: 48.823 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



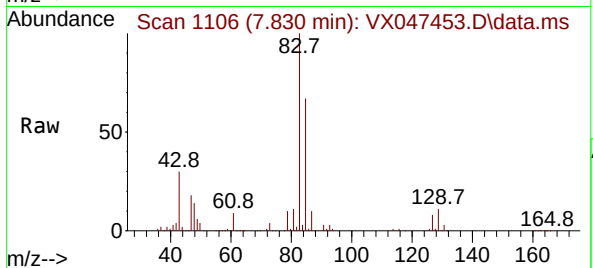
Tgt Ion: 93 Resp: 108227
Ion Ratio Lower Upper
93 100
95 82.3 68.0 102.0
174 94.3 75.8 113.6





#47
Bromodichloromethane
Concen: 47.732 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

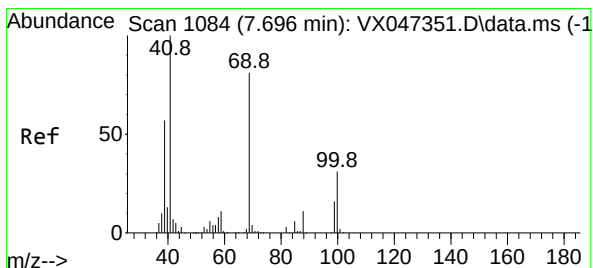
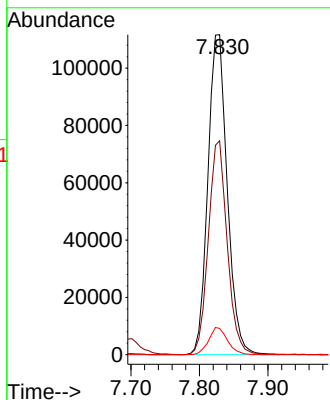
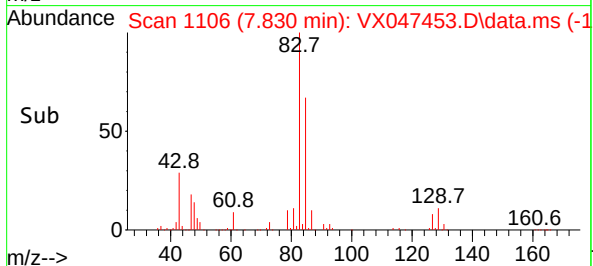
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 21935
Ion Ratio Lower Upper
83 100
85 66.8 51.0 76.6
127 8.2 7.0 10.4

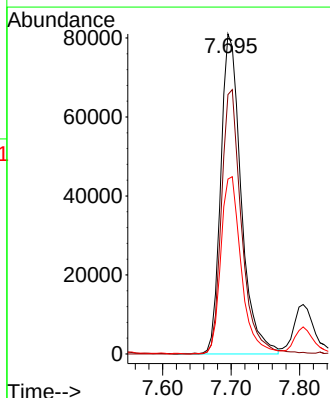
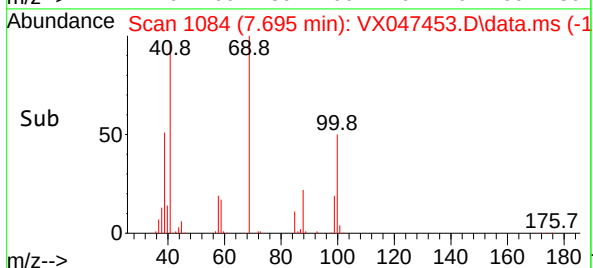
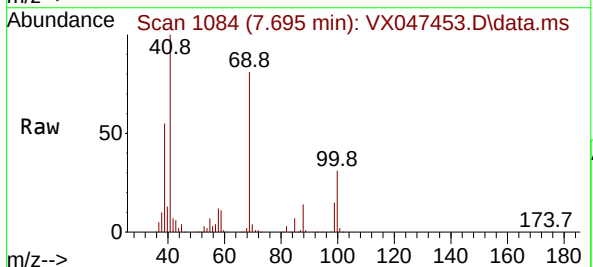
Manual Integrations
APPROVED

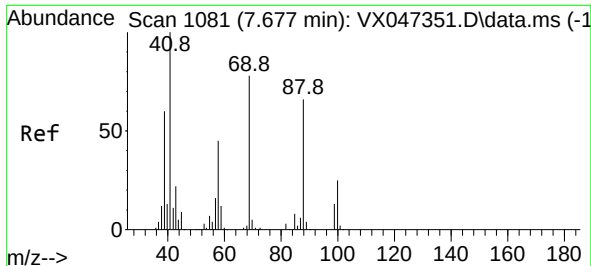
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#48
Methyl methacrylate
Concen: 53.107 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Tgt Ion: 41 Resp: 167405
Ion Ratio Lower Upper
41 100
69 81.2 65.0 97.4
39 55.5 45.7 68.5





#49

1,4-Dioxane

Concen: 1229.562 ug/l

RT: 7.683 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 37678

Ion Ratio Lower Upper

88 100

43 39.1 32.4 48.6

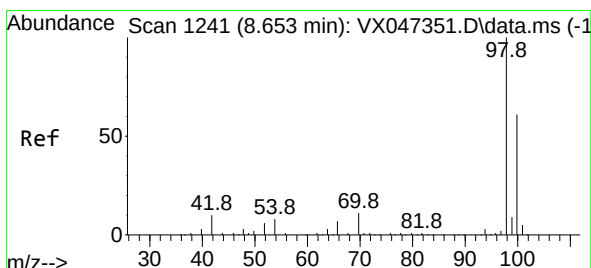
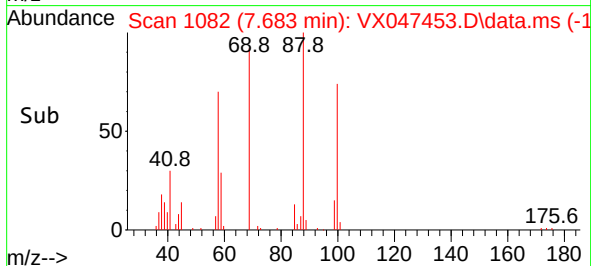
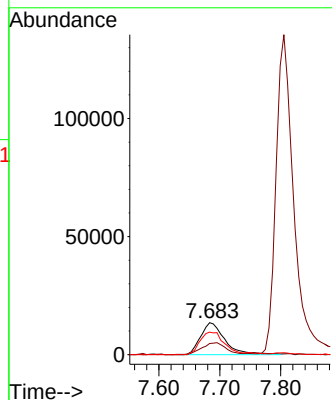
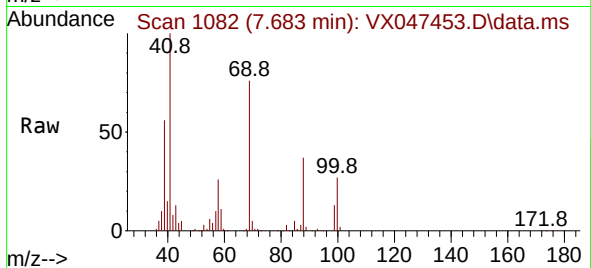
58 74.2 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#50

Toluene-d8

Concen: 49.137 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX047453.D

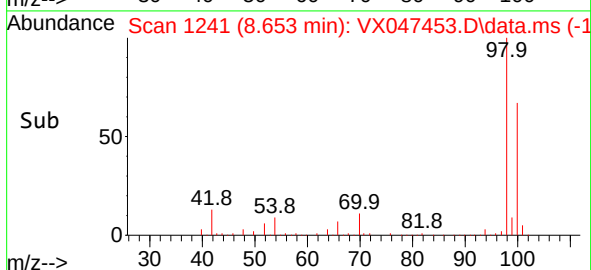
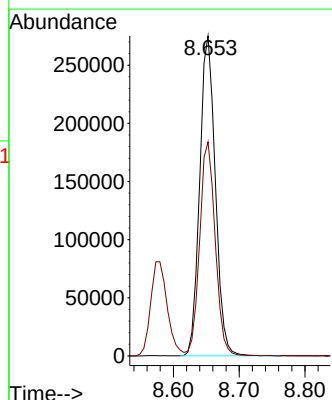
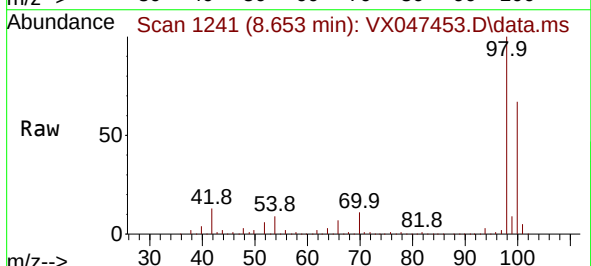
Acq: 20 Aug 2025 19:01

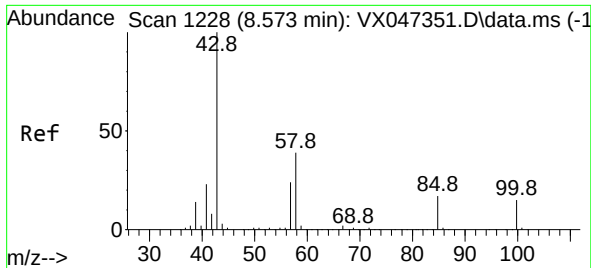
Tgt Ion: 98 Resp: 453029

Ion Ratio Lower Upper

98 100

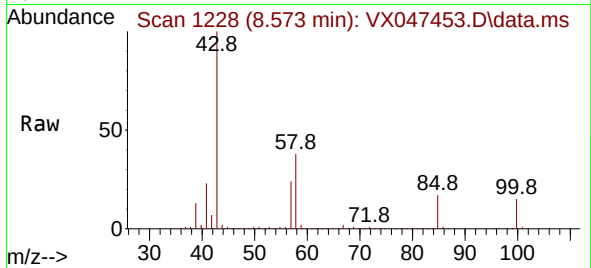
100 66.4 53.9 80.9





#51
4-Methyl-2-Pentanone
Concen: 278.187 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

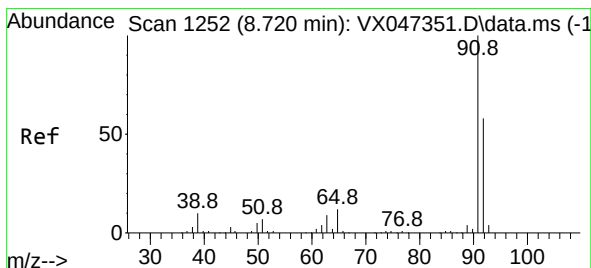
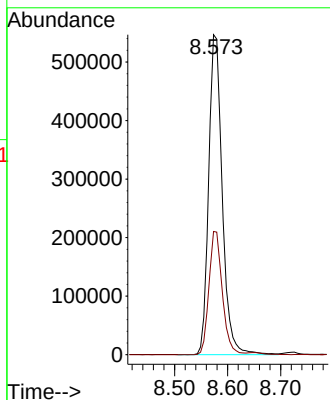
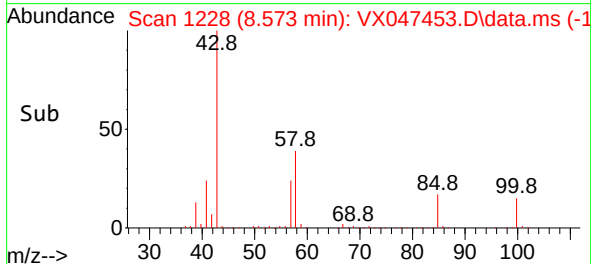
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 972174
Ion Ratio Lower Upper
43 100
58 38.0 31.2 46.8

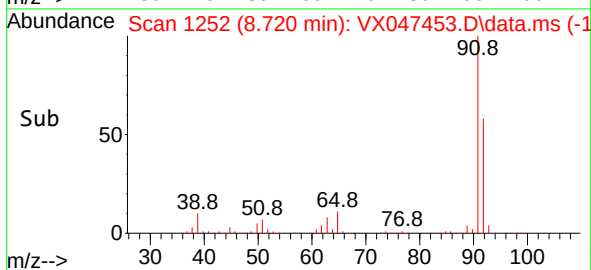
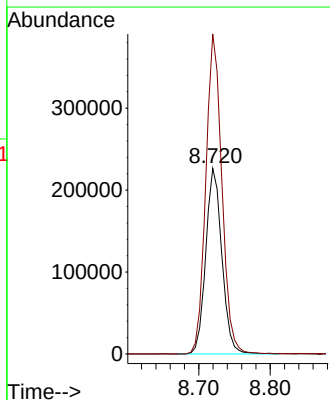
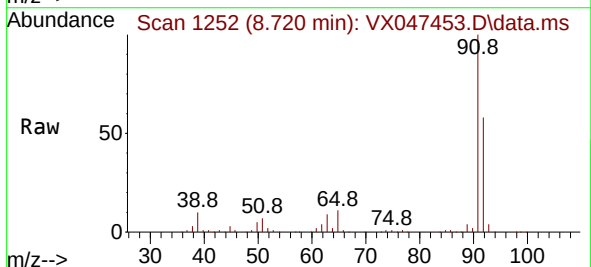
Manual Integrations
APPROVED

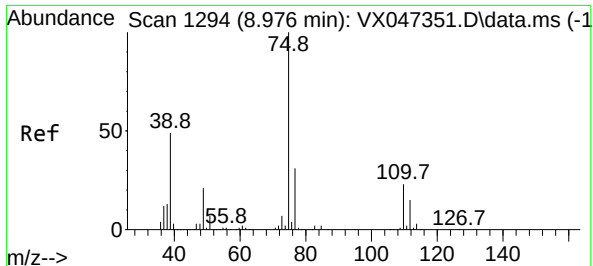
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#52
Toluene
Concen: 47.090 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

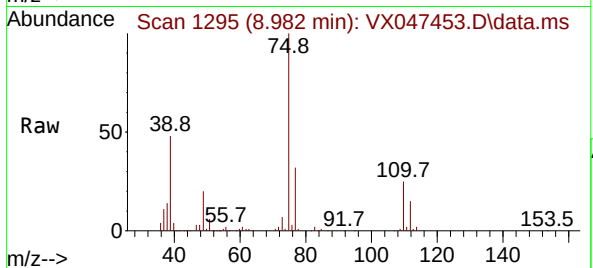
Tgt Ion: 92 Resp: 354651
Ion Ratio Lower Upper
92 100
91 171.9 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 49.509 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

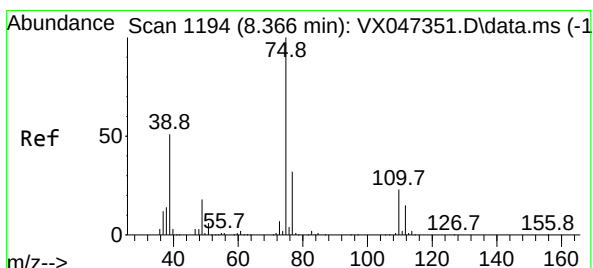
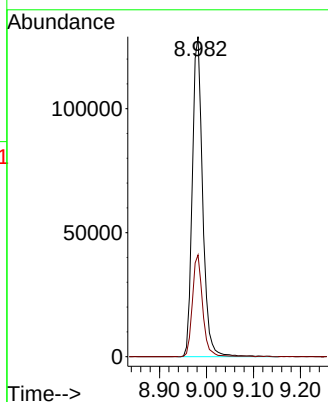
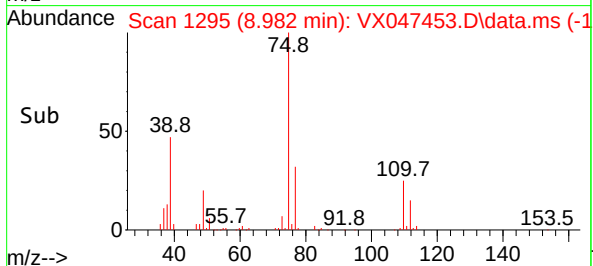
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



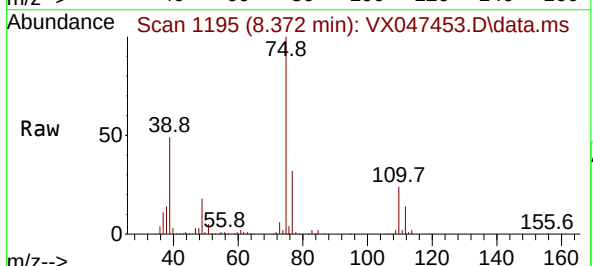
Tgt Ion: 75 Resp: 198560
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1

Manual Integrations
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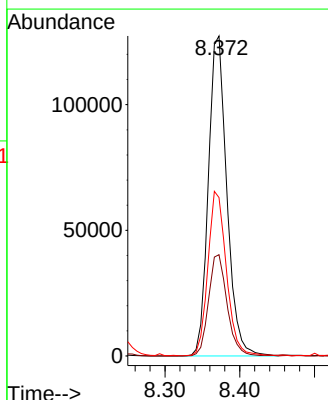
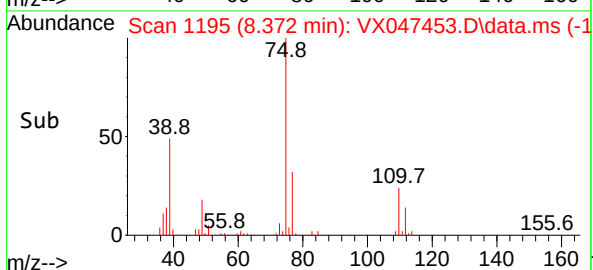
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

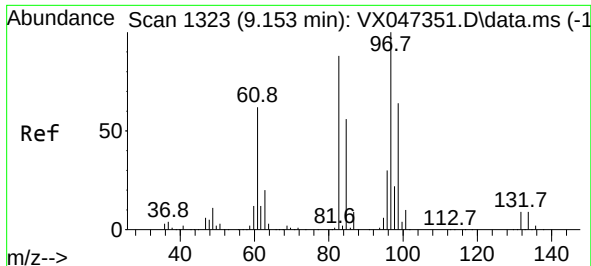


#54
cis-1,3-Dichloropropene
Concen: 48.331 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



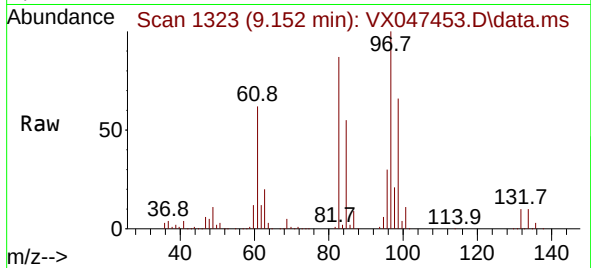
Tgt Ion: 75 Resp: 219408
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 48.7 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 49.854 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

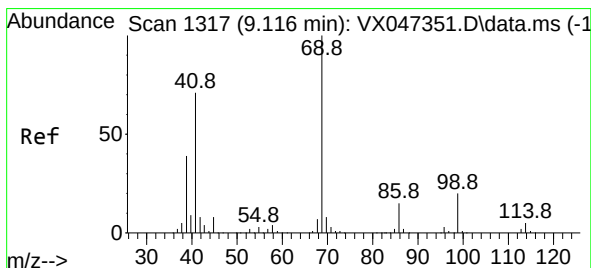
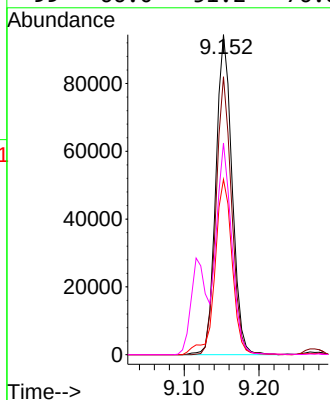
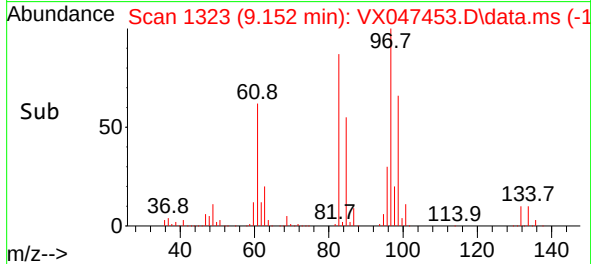
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



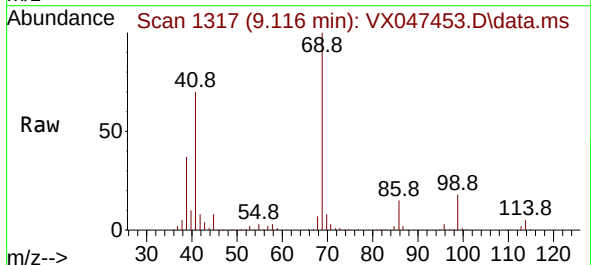
Tgt Ion: 97 Resp: 14255
Ion Ratio Lower Upper
97 100
83 86.8 70.6 106.0
85 54.8 44.7 67.1
99 66.0 51.2 76.8

Manual Integrations
APPROVED

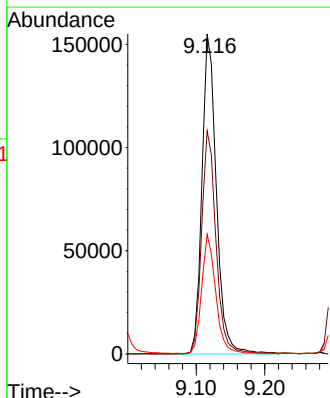
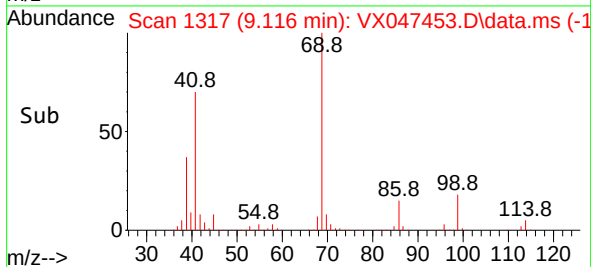
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

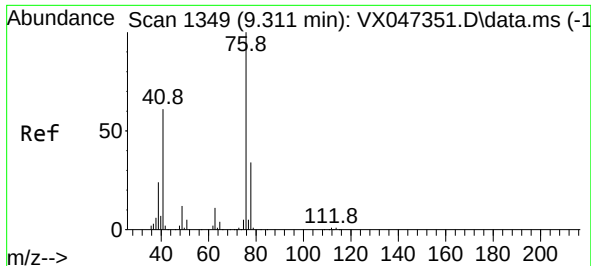


#56
Ethyl methacrylate
Concen: 53.861 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



Tgt Ion: 69 Resp: 227071
Ion Ratio Lower Upper
69 100
41 69.4 55.3 82.9
39 36.2 30.2 45.2





#57

1,3-Dichloropropane

Concen: 49.771 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 24251

Ion Ratio Lower Upper

76 100

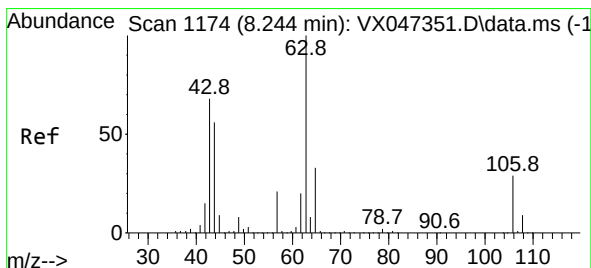
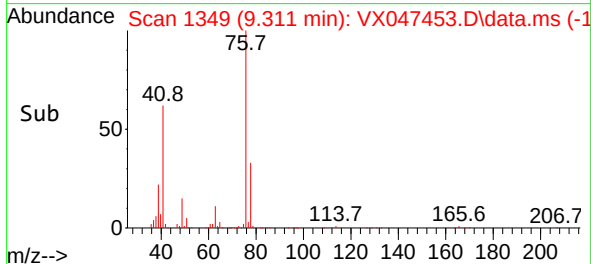
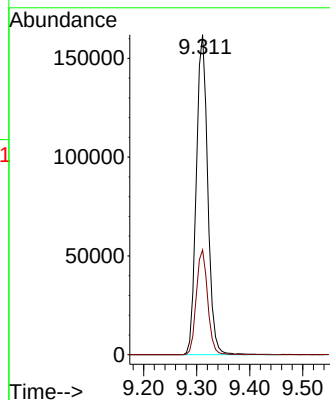
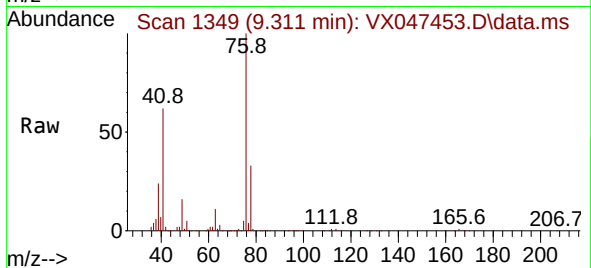
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 256.814 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047453.D

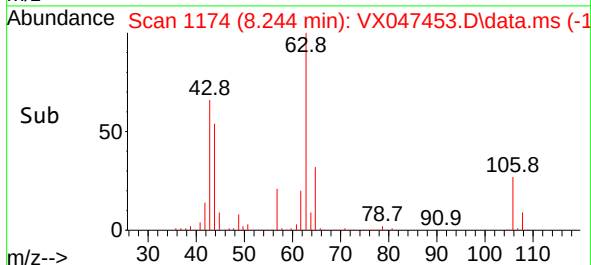
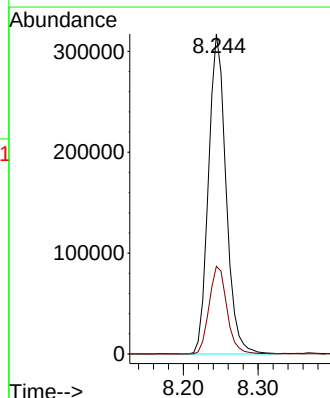
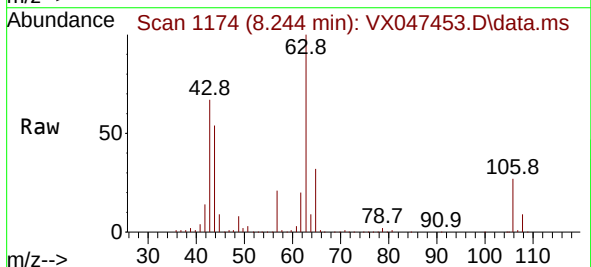
Acq: 20 Aug 2025 19:01

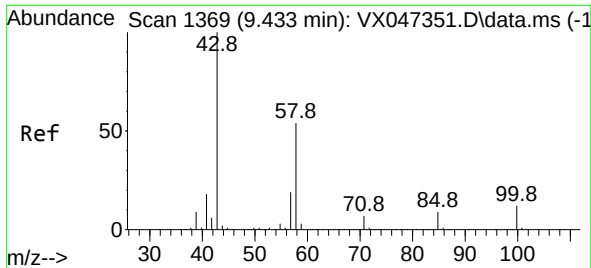
Tgt Ion: 63 Resp: 517470

Ion Ratio Lower Upper

63 100

106 27.8 22.8 34.2





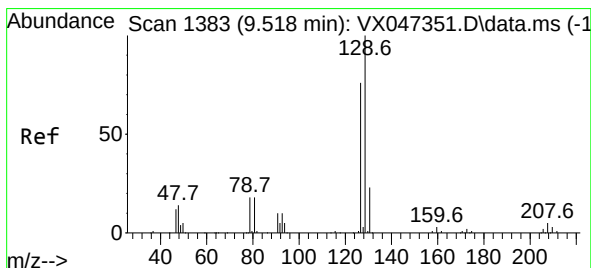
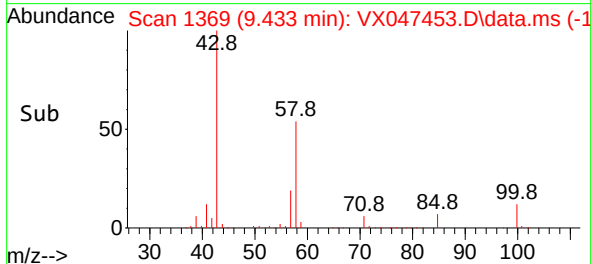
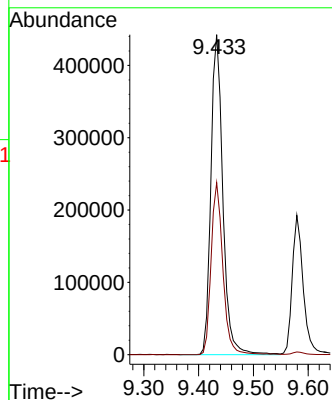
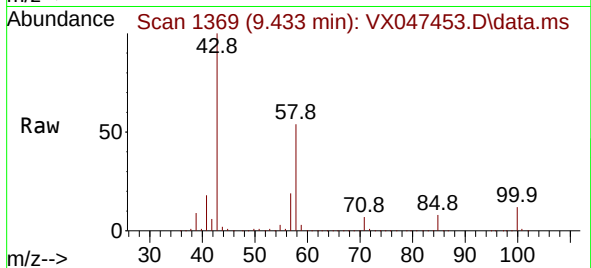
#59
2-Hexanone
Concen: 274.974 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 664708
Ion Ratio Lower Upper
43 100
58 53.2 26.9 80.7

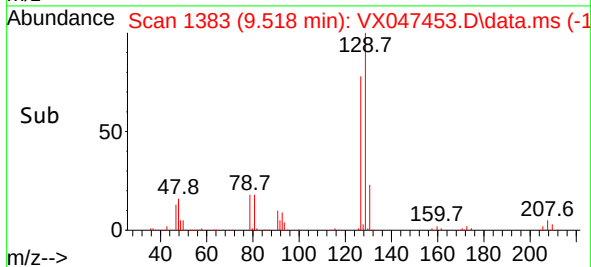
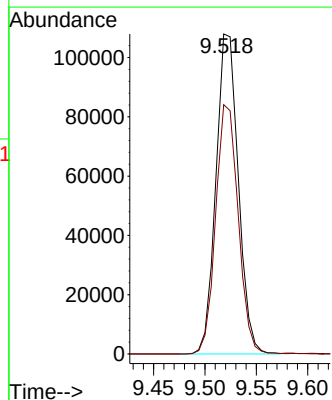
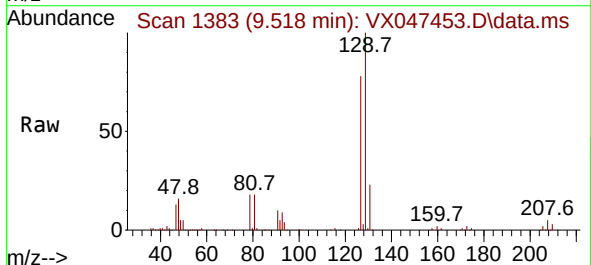
Manual Integrations
APPROVED

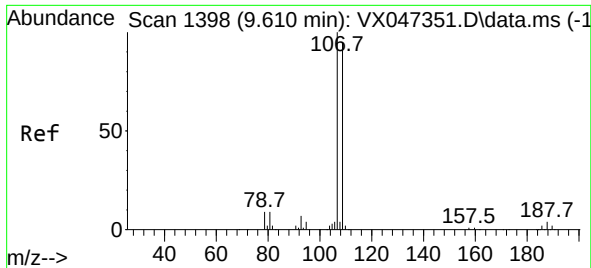
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#60
Dibromochloromethane
Concen: 47.975 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

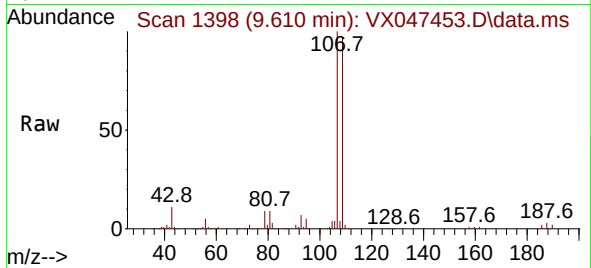
Tgt Ion:129 Resp: 163031
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 49.181 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

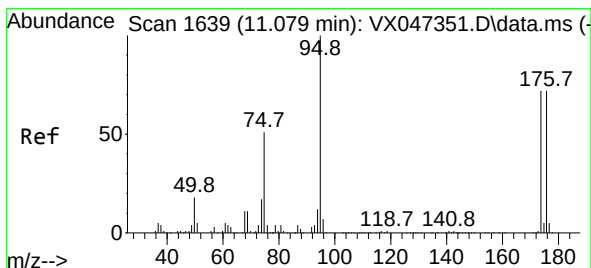
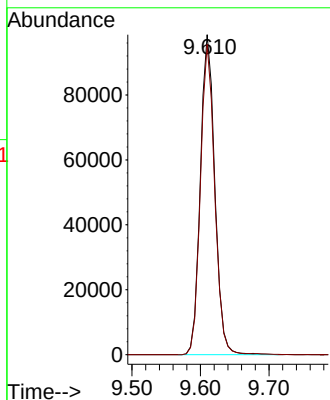
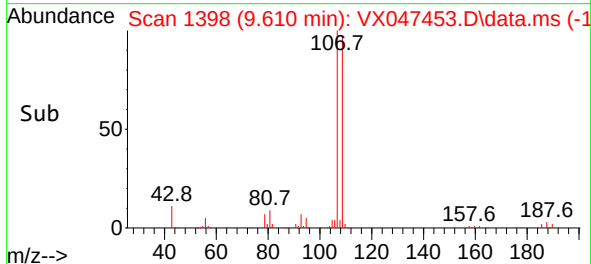
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



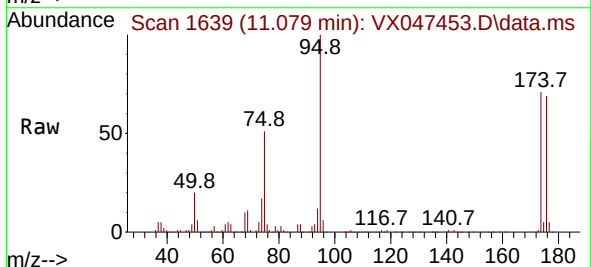
Tgt Ion:107 Resp: 145018
Ion Ratio Lower Upper
107 100
109 95.9 76.2 114.2

Manual Integrations
APPROVED

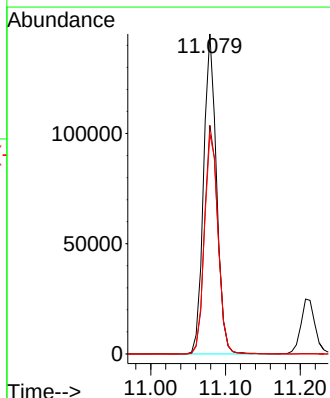
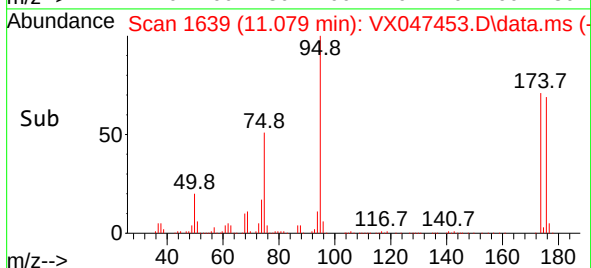
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

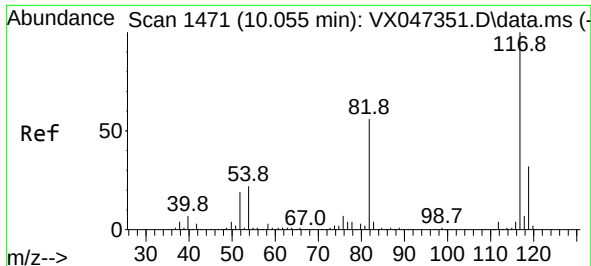


#62
4-Bromofluorobenzene
Concen: 51.281 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



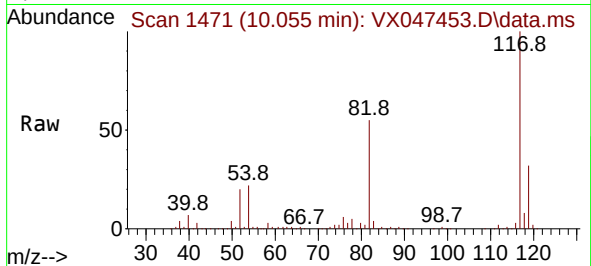
Tgt Ion: 95 Resp: 174471
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.0
176 72.3 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

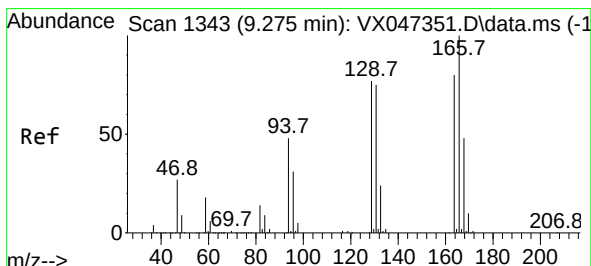
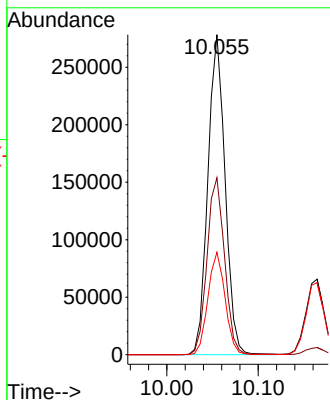
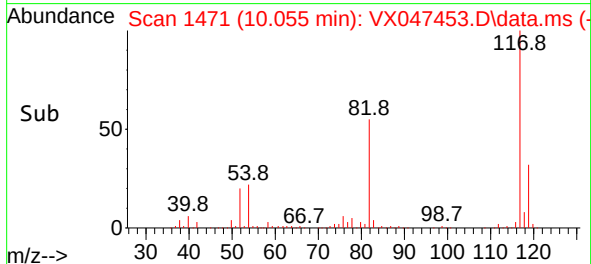
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 362824
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.0 25.8 38.8

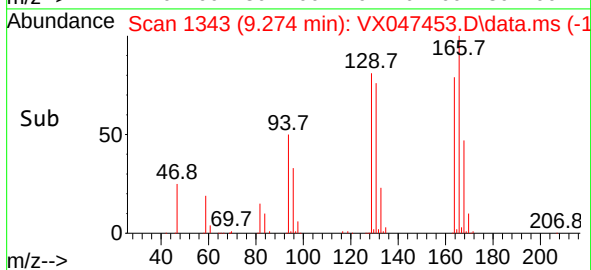
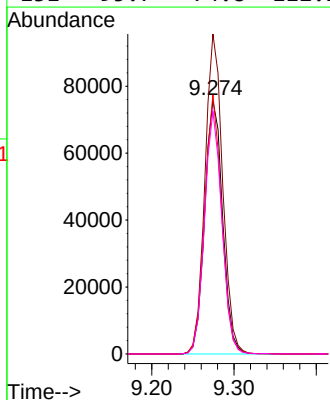
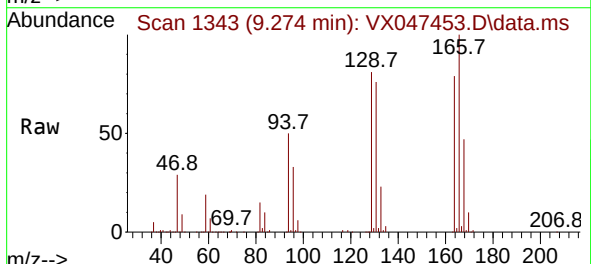
Manual Integrations
APPROVED

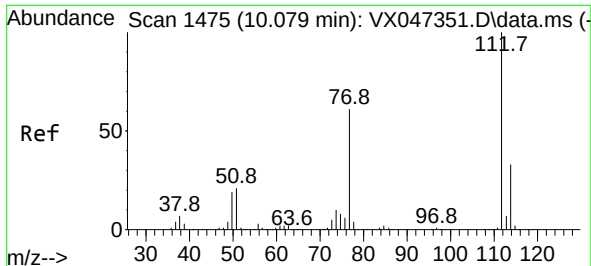
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#64
Tetrachloroethene
Concen: 43.671 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

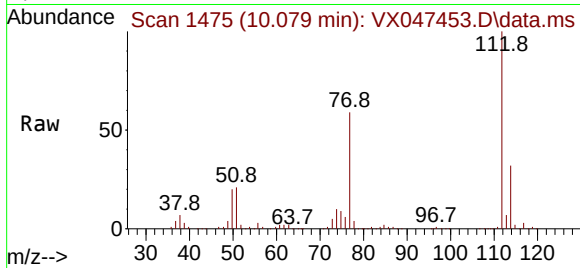
Tgt Ion:164 Resp: 114609
Ion Ratio Lower Upper
164 100
166 126.1 100.3 150.5
129 102.1 77.7 116.5
131 95.7 74.8 112.2





#65
Chlorobenzene
Concen: 45.872 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

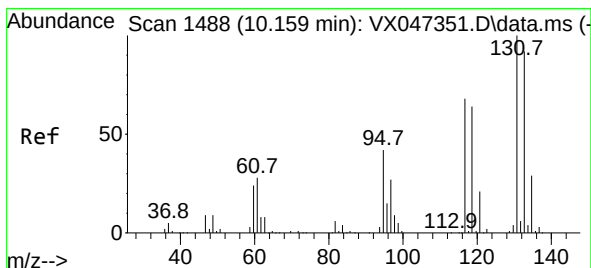
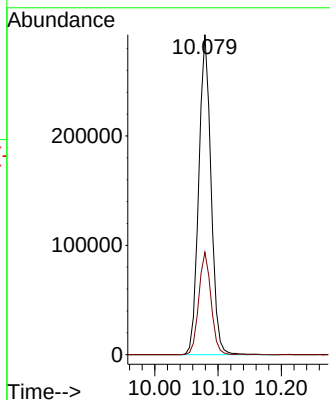
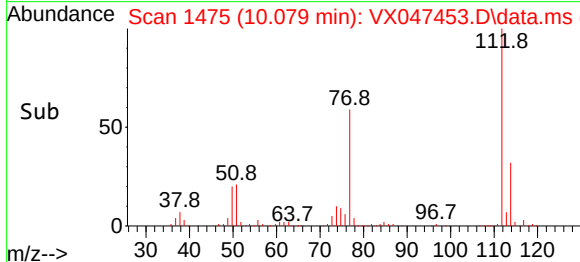
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



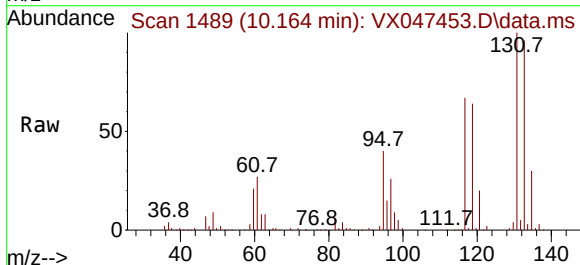
Tgt Ion:112 Resp: 395517
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6

Manual Integrations
APPROVED

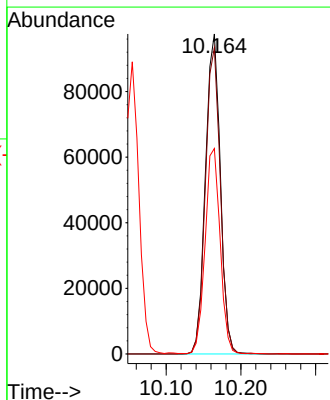
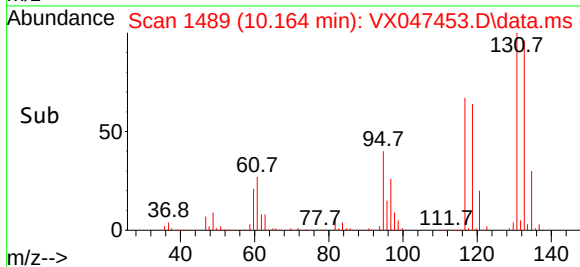
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

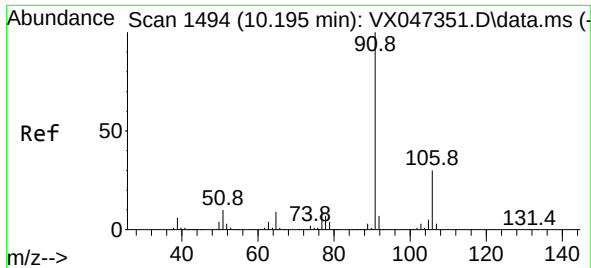


#66
1,1,1,2-Tetrachloroethane
Concen: 46.245 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



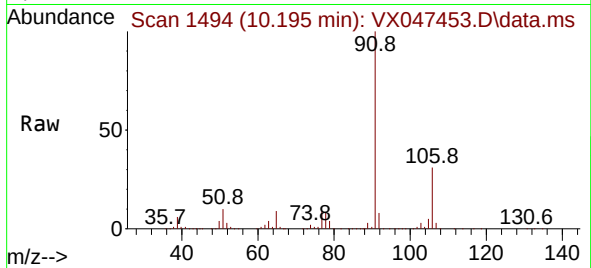
Tgt Ion:131 Resp: 134787
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.9
119 64.7 32.3 96.8





#67
Ethyl Benzene
Concen: 45.975 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

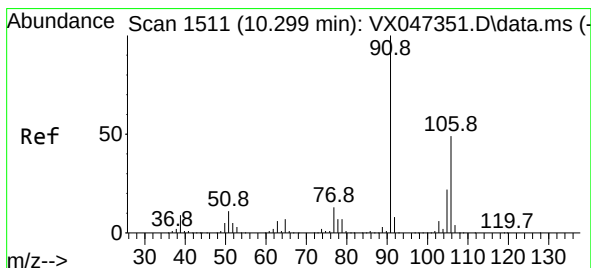
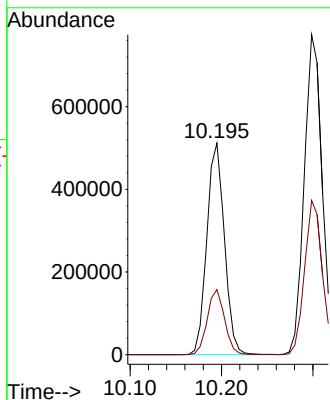
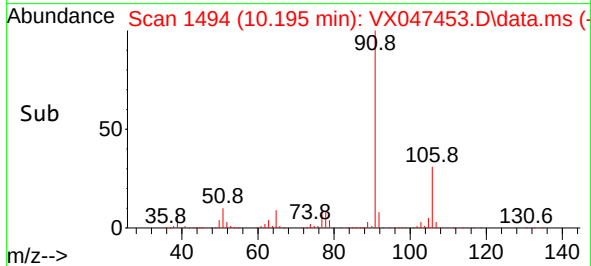
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 682262
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

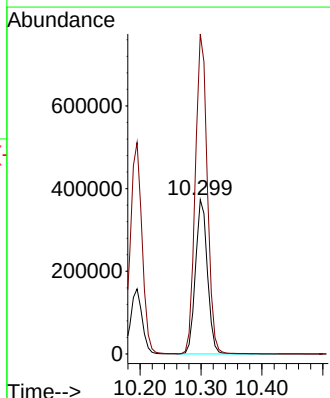
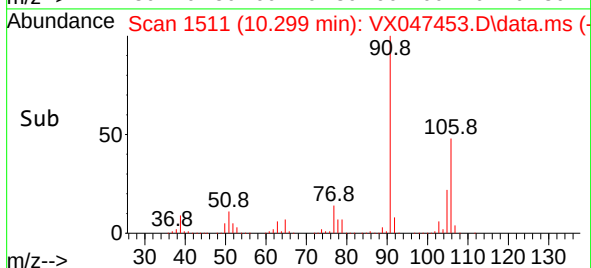
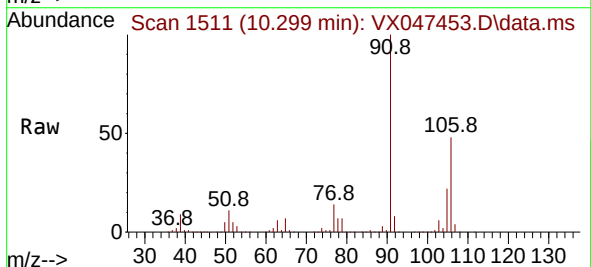
Manual Integrations
APPROVED

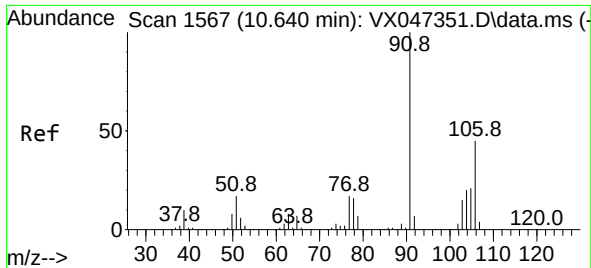
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#68
m/p-Xylenes
Concen: 91.376 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

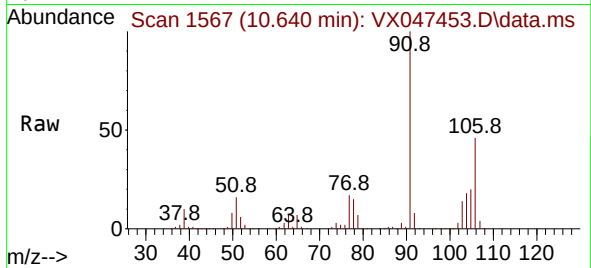
Tgt Ion:106 Resp: 505624
Ion Ratio Lower Upper
106 100
91 209.0 164.7 247.1





#69
o-Xylene
Concen: 46.690 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

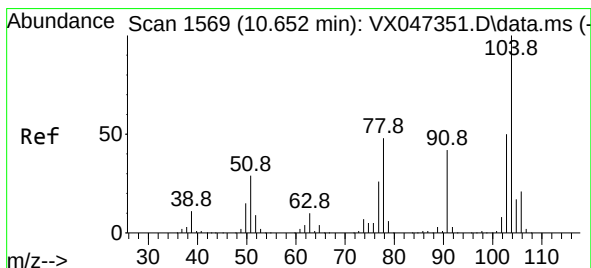
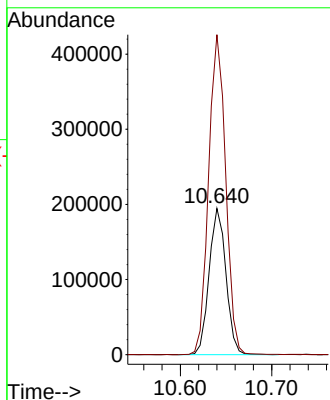
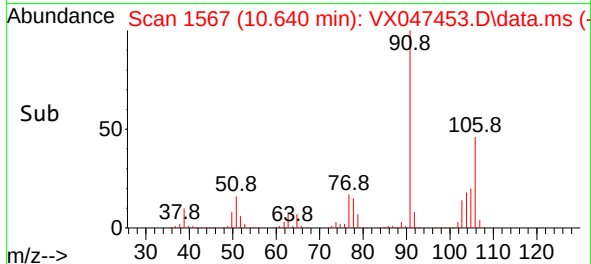
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 248628
Ion Ratio Lower Upper
106 100
91 221.6 110.6 331.8

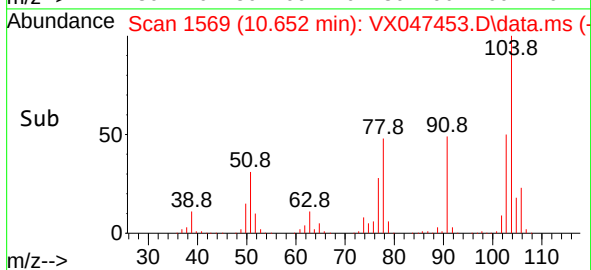
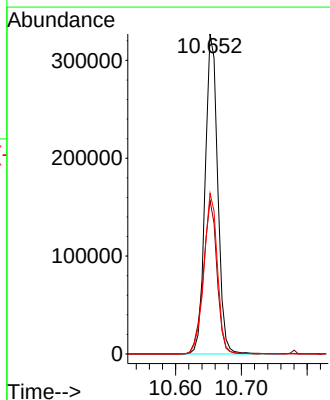
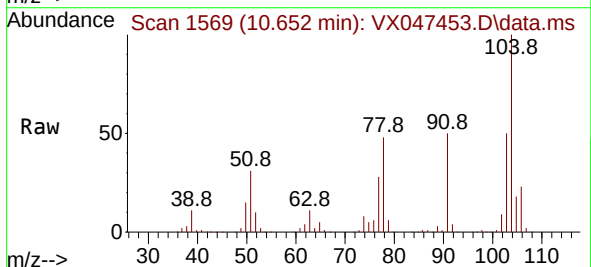
Manual Integrations
APPROVED

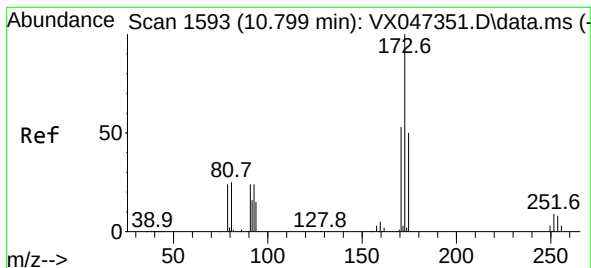
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#70
Styrene
Concen: 48.426 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

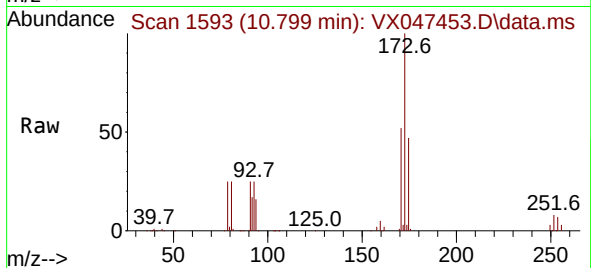
Tgt Ion:104 Resp: 435716
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 54.1 43.6 65.4





#71
Bromoform
Concen: 48.338 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

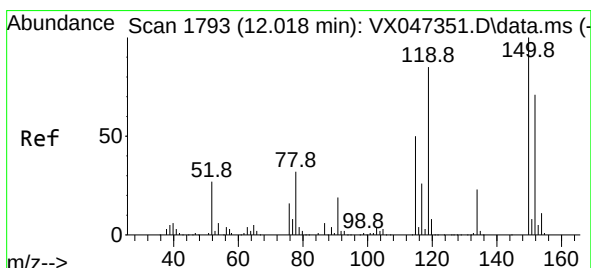
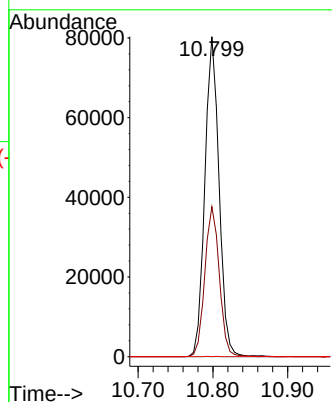
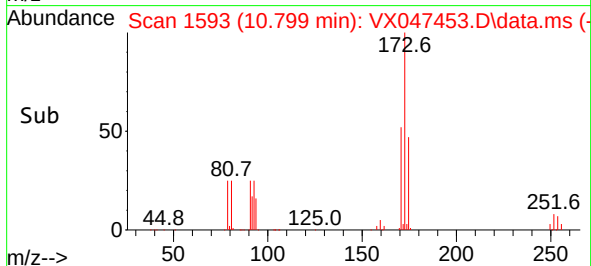
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 10584
Ion Ratio Lower Upper
173 100
175 47.9 24.4 73.4
254 0.0 0.1 0.1

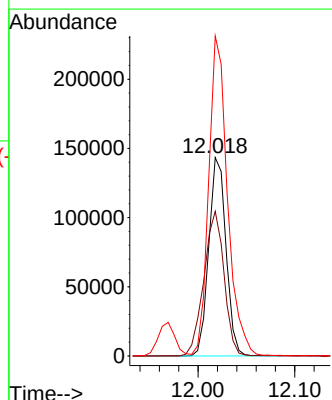
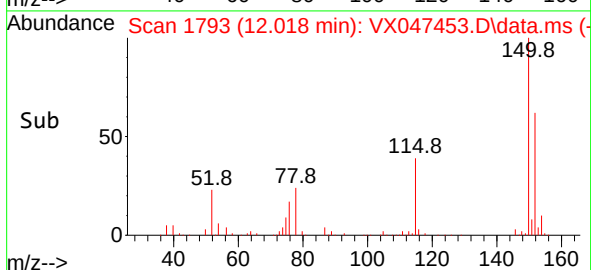
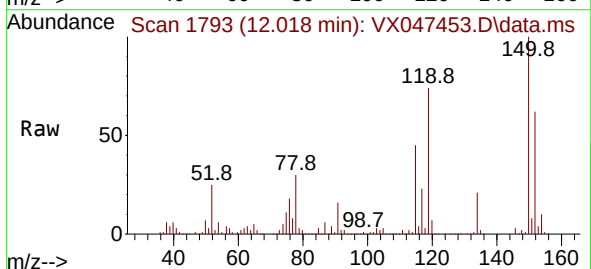
Manual Integrations
APPROVED

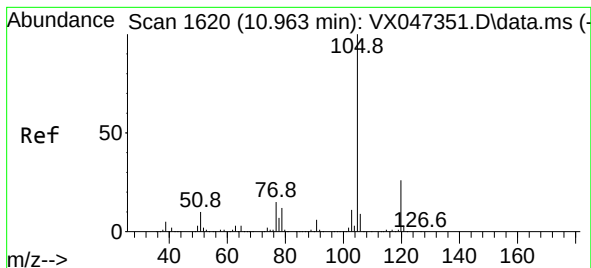
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

Tgt Ion:152 Resp: 178130
Ion Ratio Lower Upper
152 100
115 85.4 44.6 133.8
150 175.8 0.0 349.8





#73

Isopropylbenzene

Concen: 45.592 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 63553

Ion Ratio Lower Upper

105 100

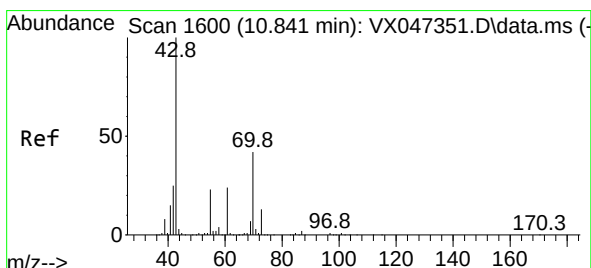
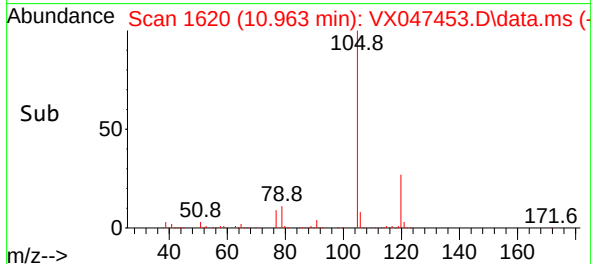
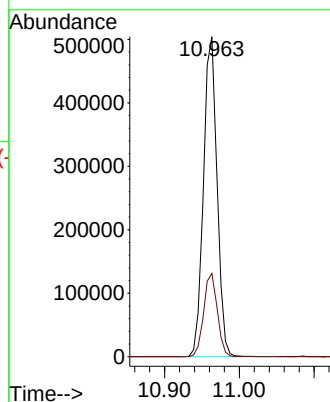
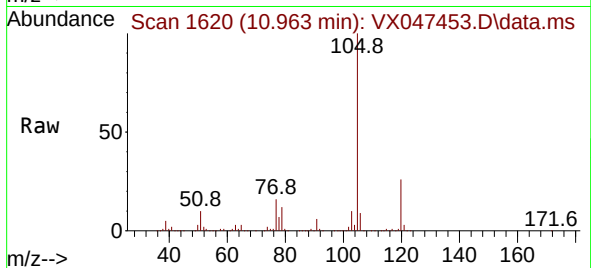
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#74

N-ethyl acetate

Concen: 51.837 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Tgt Ion: 43 Resp: 274391

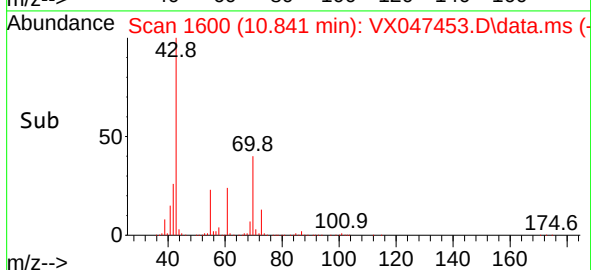
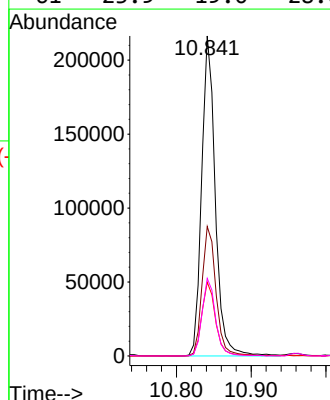
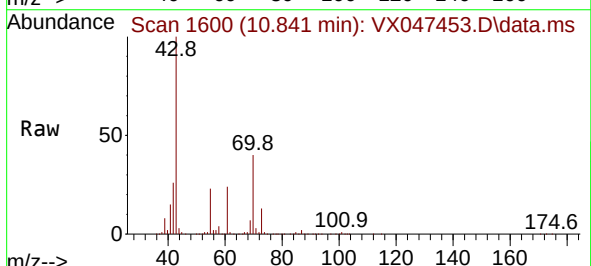
Ion Ratio Lower Upper

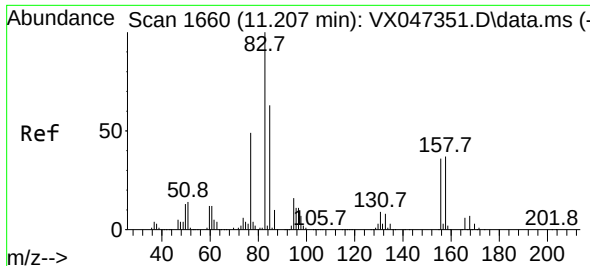
43 100

70 41.4 33.1 49.7

55 23.5 19.0 28.6

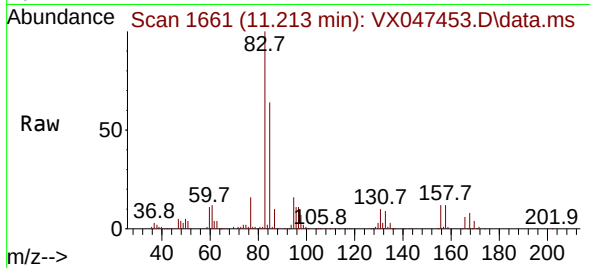
61 23.9 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 50.022 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

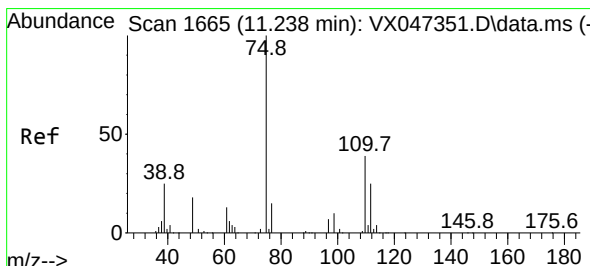
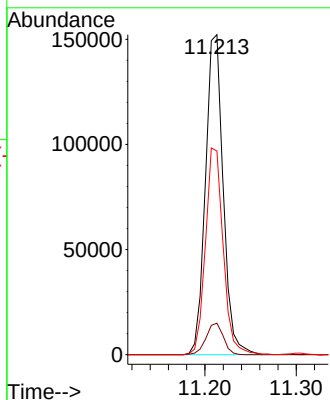
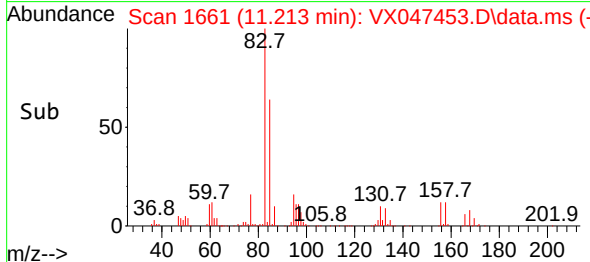
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 20472
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 64.5 31.7 95.1

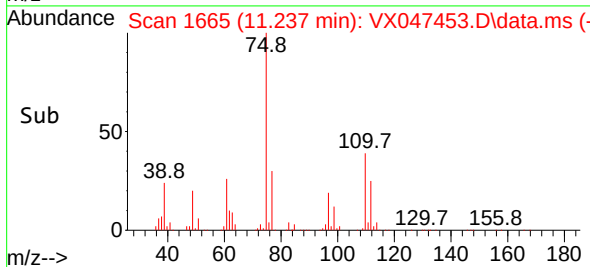
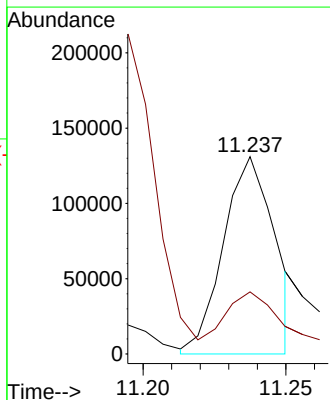
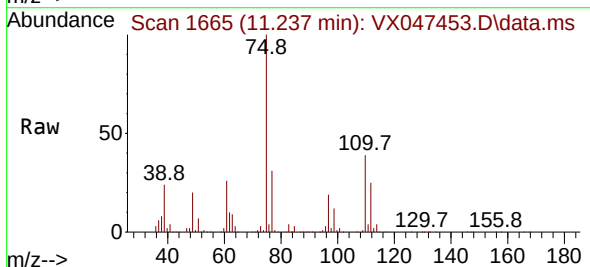
Manual Integrations
APPROVED

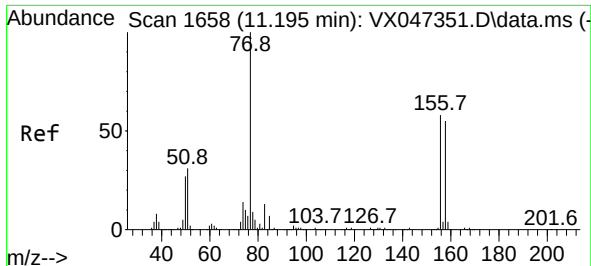
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#76
1,2,3-Trichloropropane
Concen: 50.078 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

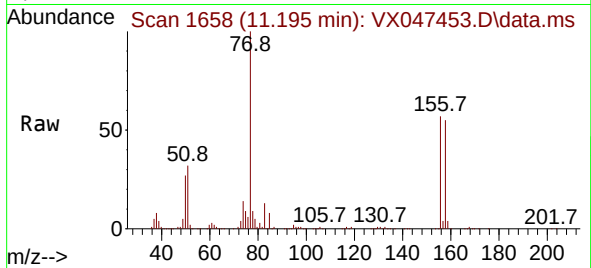
Tgt Ion: 75 Resp: 163610
Ion Ratio Lower Upper
75 100
77 38.4 19.4 58.2





#77
Bromobenzene
Concen: 46.630 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

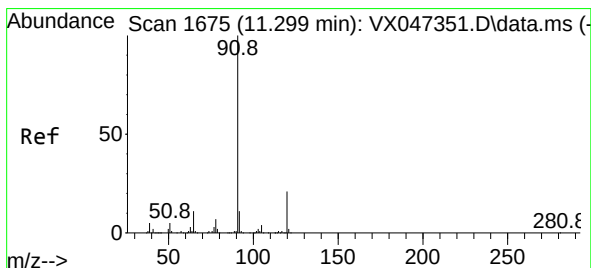
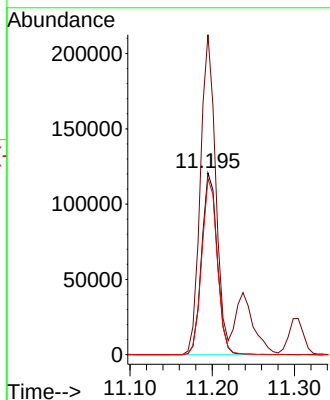
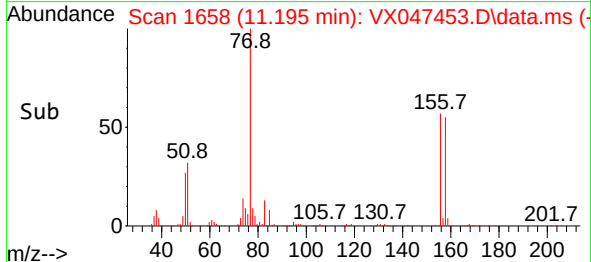
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



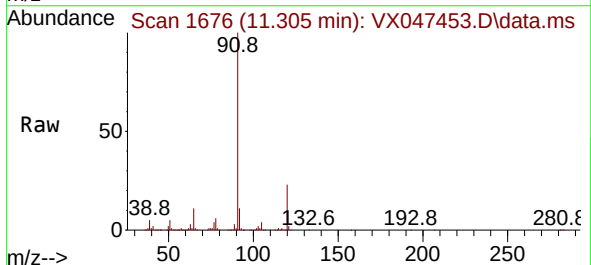
Tgt Ion:156 Resp: 158729
Ion Ratio Lower Upper
156 100
77 173.1 86.3 258.9
158 96.9 48.0 144.2

Manual Integrations
APPROVED

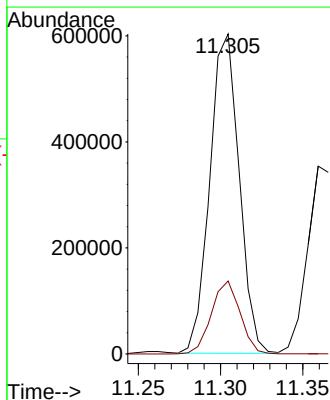
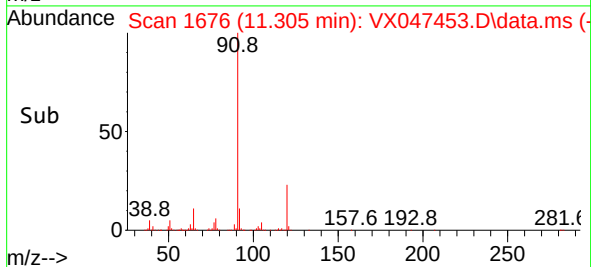
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

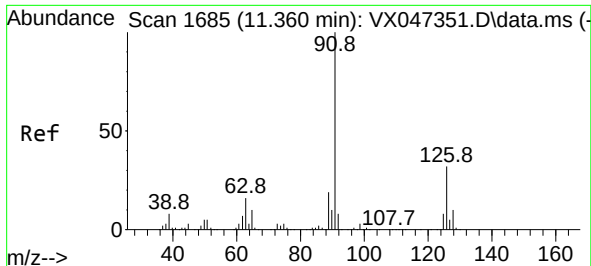


#78
n-propylbenzene
Concen: 44.937 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



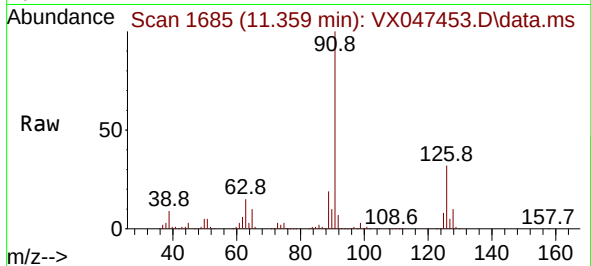
Tgt Ion: 91 Resp: 748109
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79
2-Chlorotoluene
Concen: 45.604 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

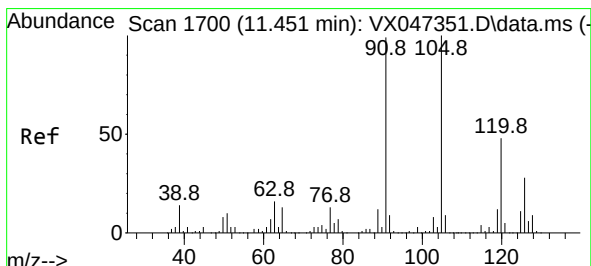
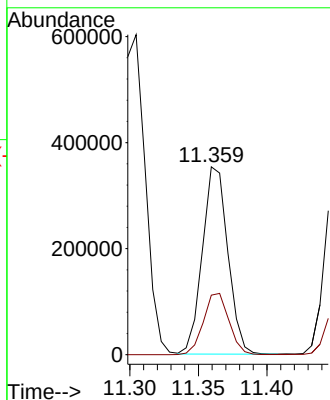
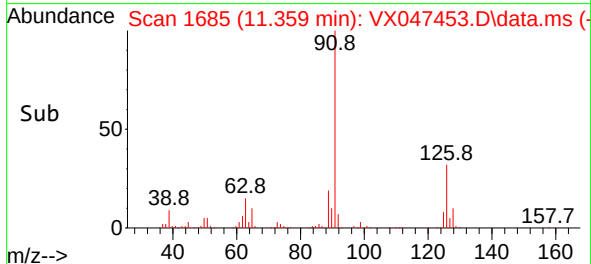
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



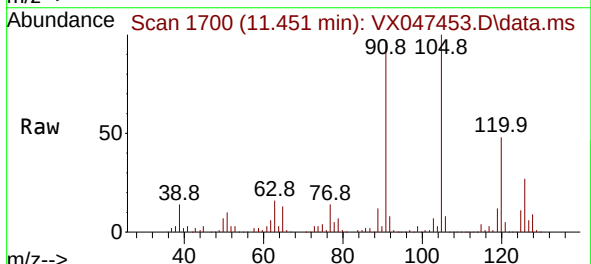
Tgt Ion: 91 Resp: 458958
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.1

Manual Integrations
APPROVED

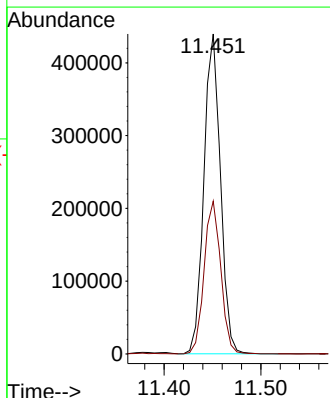
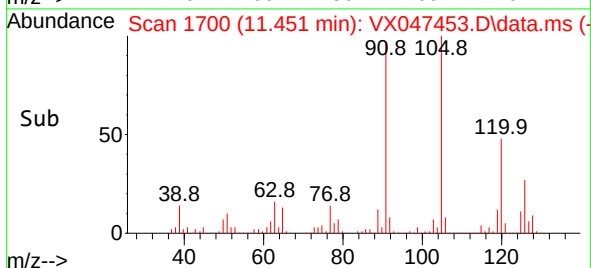
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

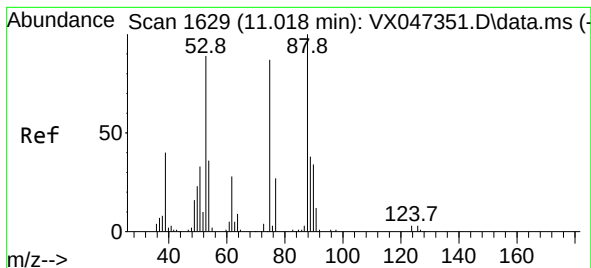


#80
1,3,5-Trimethylbenzene
Concen: 45.721 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



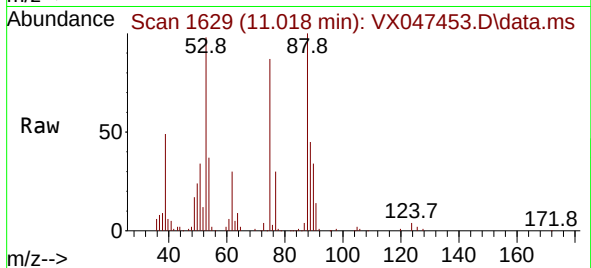
Tgt Ion:105 Resp: 524391
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 38.529 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

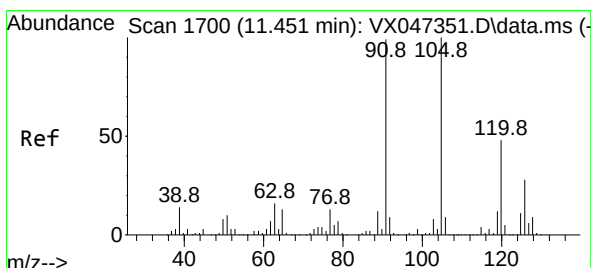
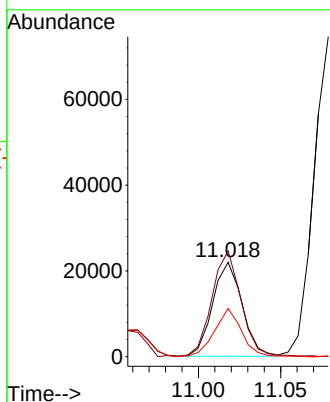
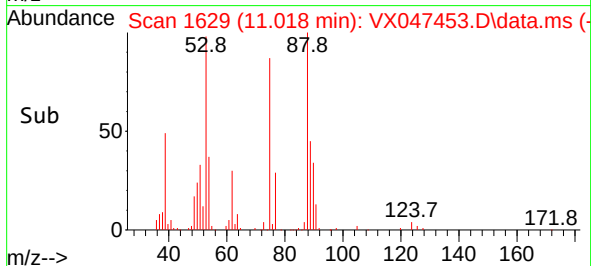
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 27349
Ion Ratio Lower Upper
75 100
53 111.9 85.2 127.8
89 47.2 36.7 55.1

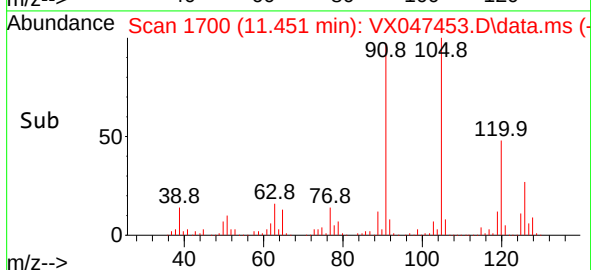
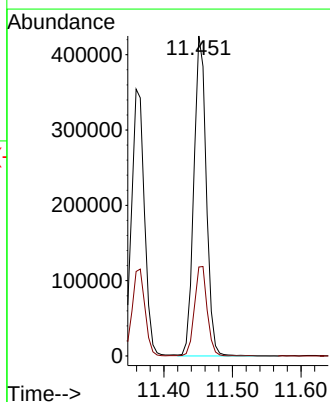
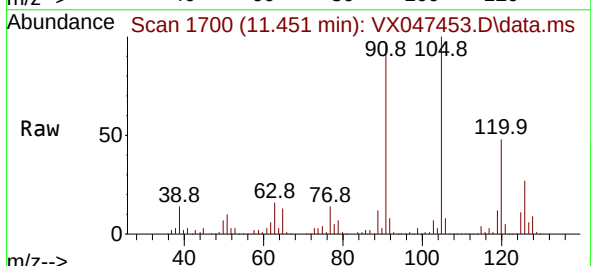
Manual Integrations
APPROVED

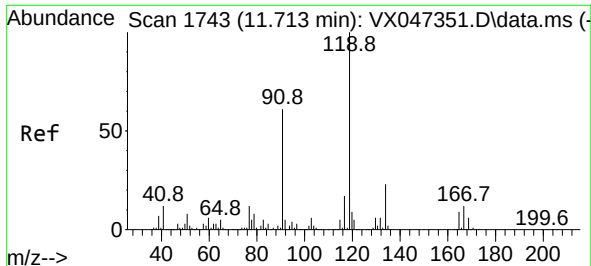
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#82
4-Chlorotoluene
Concen: 45.262 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

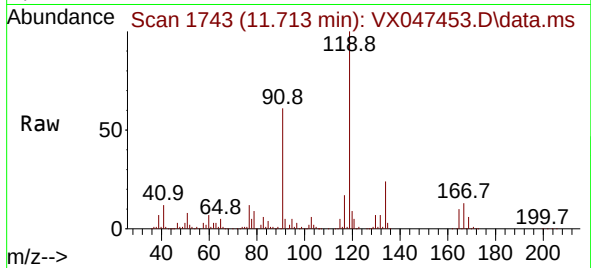
Tgt Ion: 91 Resp: 536951
Ion Ratio Lower Upper
91 100
126 28.5 14.4 43.0





#83
tert-Butylbenzene
Concen: 45.868 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

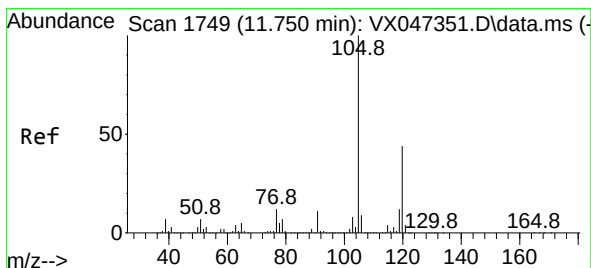
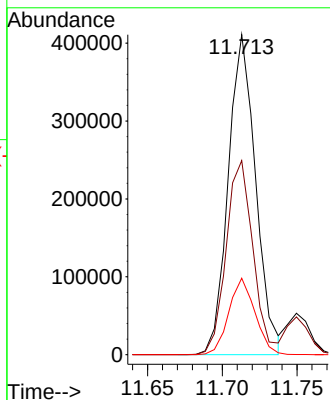
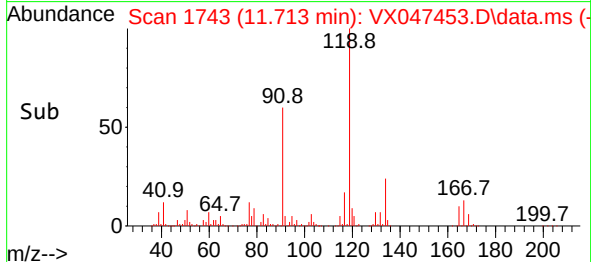
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



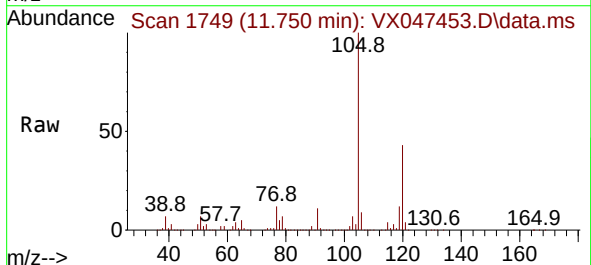
Tgt Ion:119 Resp: 52485
Ion Ratio Lower Upper
119 100
91 59.5 29.1 87.4
134 22.8 11.3 33.9

Manual Integrations
APPROVED

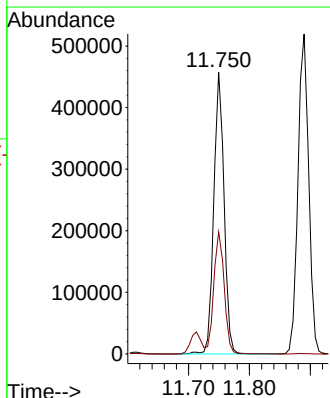
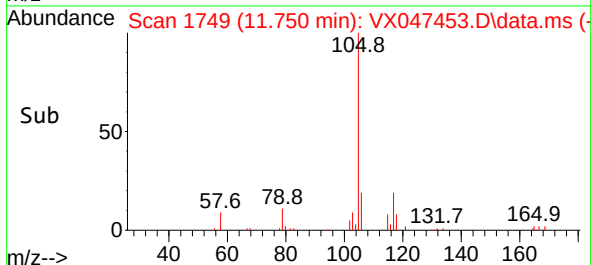
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

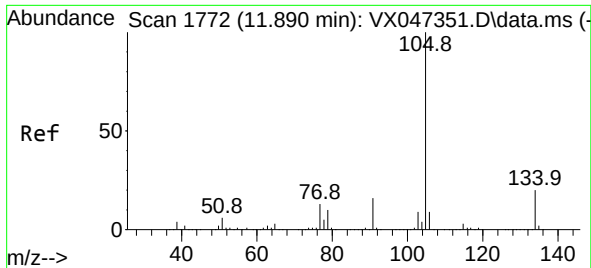


#84
1,2,4-Trimethylbenzene
Concen: 46.554 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



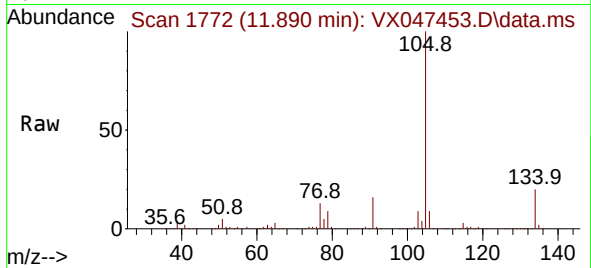
Tgt Ion:105 Resp: 533947
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 44.881 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047453.D
 Acq: 20 Aug 2025 19:01

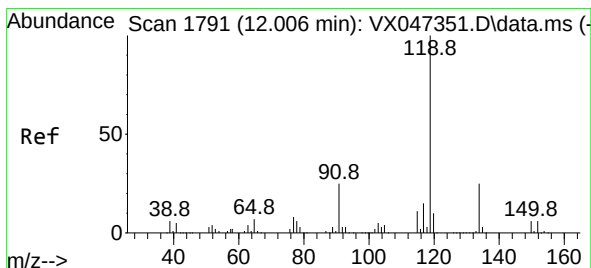
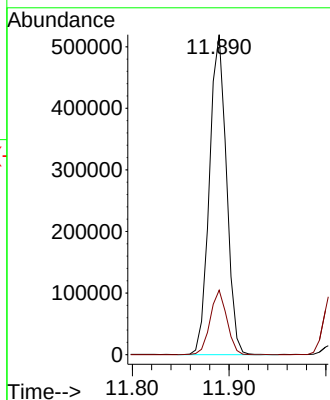
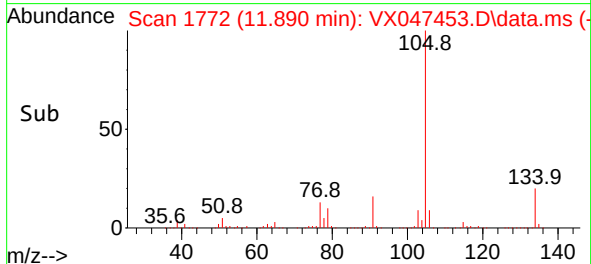
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



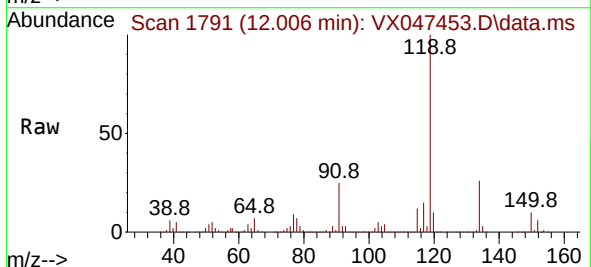
Tgt Ion:105 Resp: 63653
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
 APPROVED

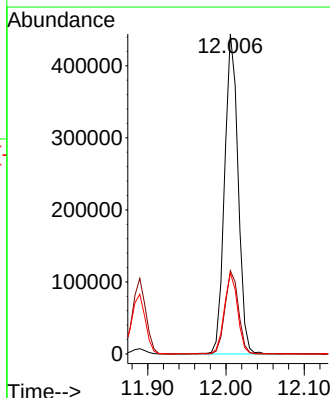
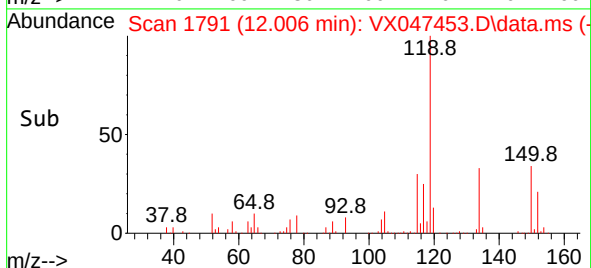
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/22/2025

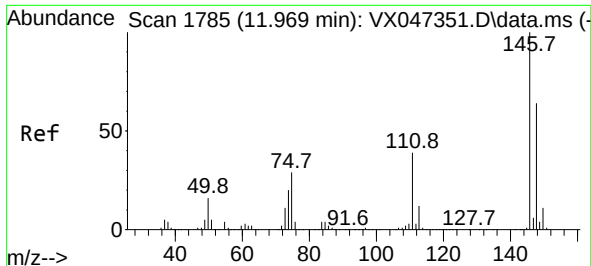


#86
 p-Isopropyltoluene
 Concen: 44.464 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047453.D
 Acq: 20 Aug 2025 19:01



Tgt Ion:119 Resp: 533633
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 45.035 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 29285

Ion Ratio Lower Upper

146 100

111 42.5 20.6 61.8

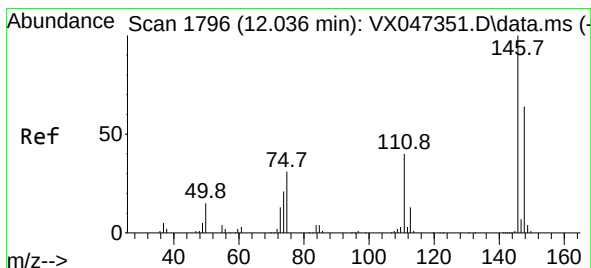
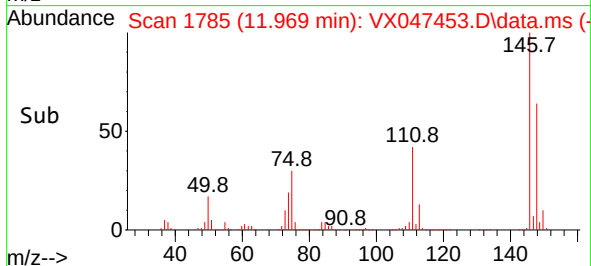
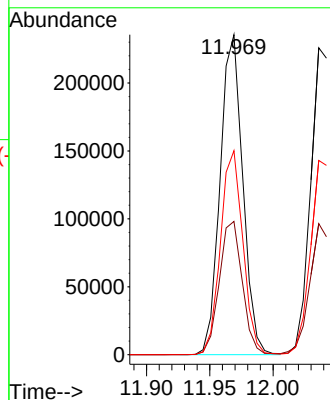
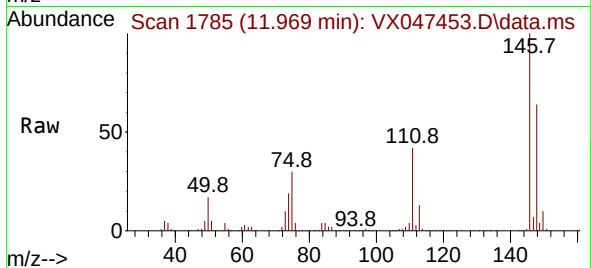
148 63.1 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/22/2025



#88

1,4-Dichlorobenzene

Concen: 43.659 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047453.D

Acq: 20 Aug 2025 19:01

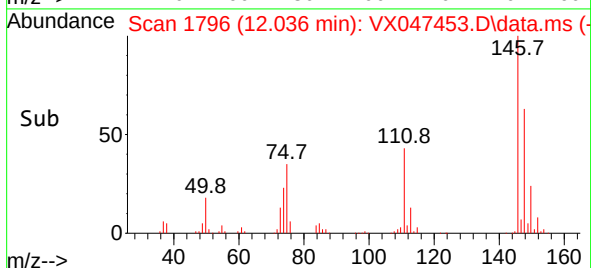
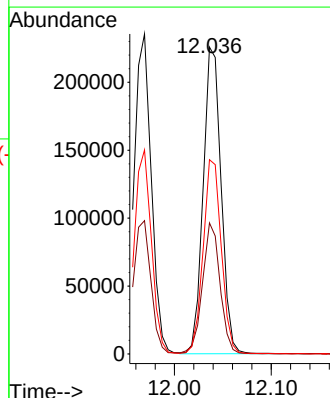
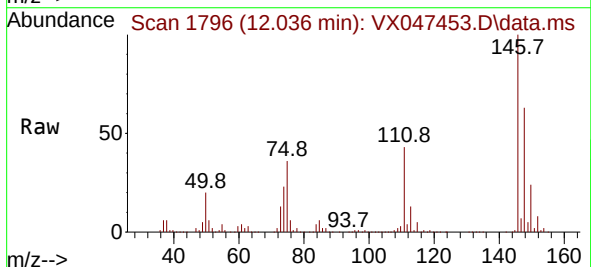
Tgt Ion:146 Resp: 292001

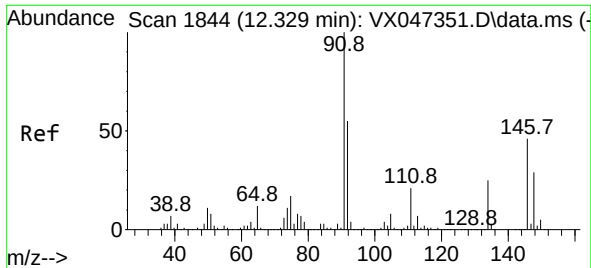
Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.2

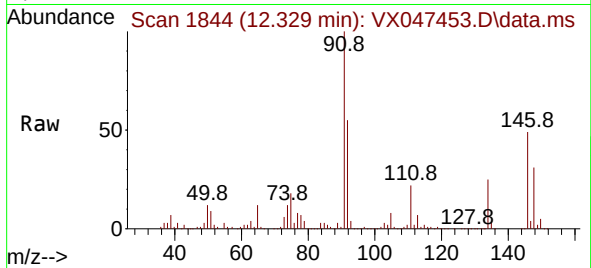
148 64.2 31.7 95.1





#89
n-Butylbenzene
Concen: 43.388 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

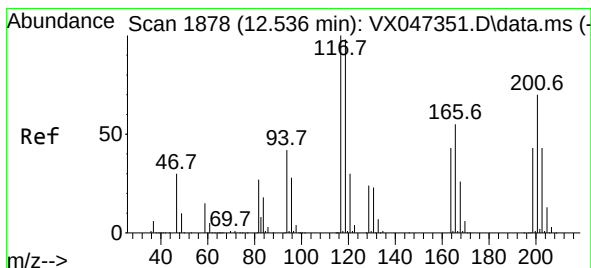
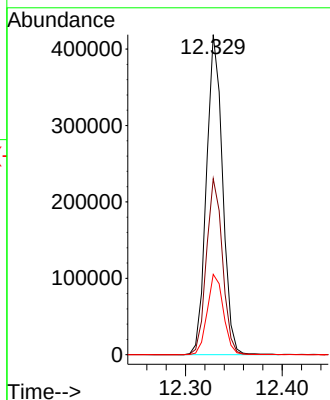
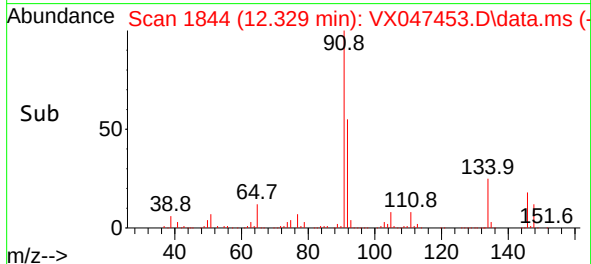
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 48433
Ion Ratio Lower Upper
91 100
92 54.9 27.2 81.5
134 25.3 12.6 37.8

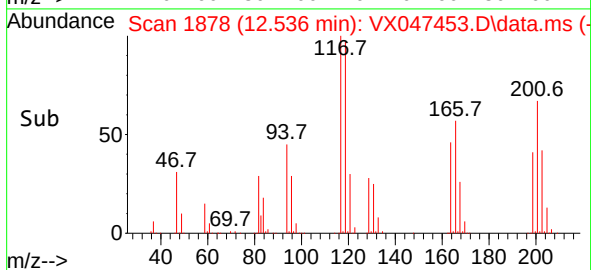
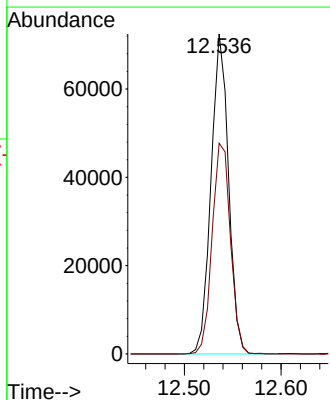
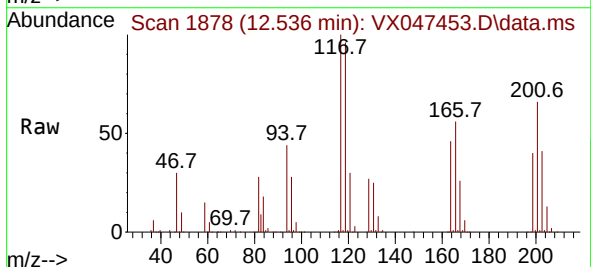
Manual Integrations
APPROVED

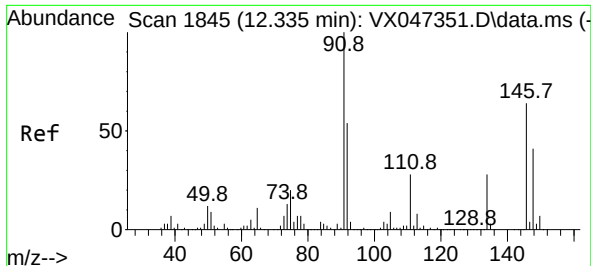
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#90
Hexachloroethane
Concen: 43.186 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

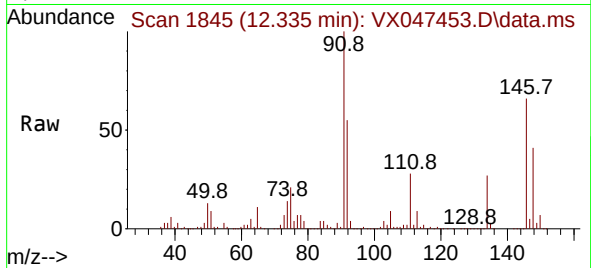
Tgt Ion:117 Resp: 90925
Ion Ratio Lower Upper
117 100
201 69.1 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 46.230 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

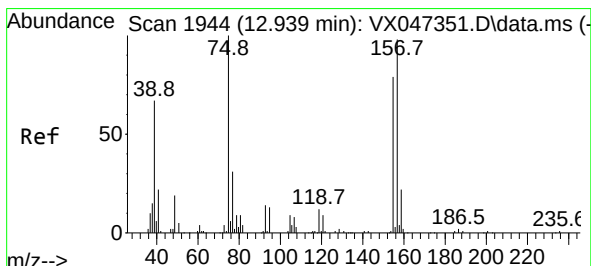
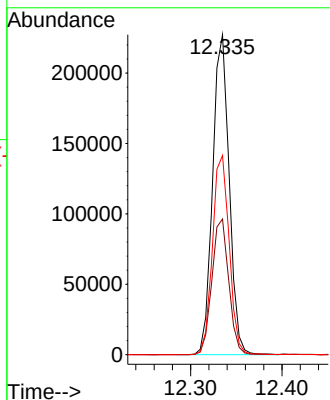
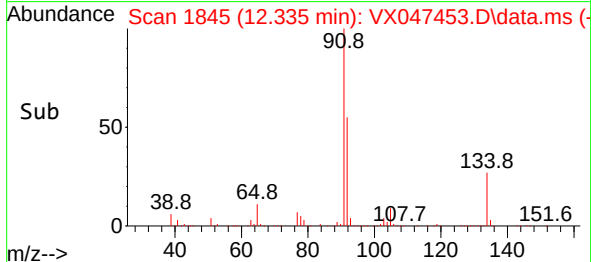
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 285344
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.1
148 63.0 31.9 95.5

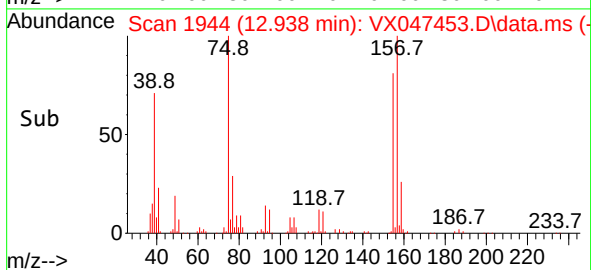
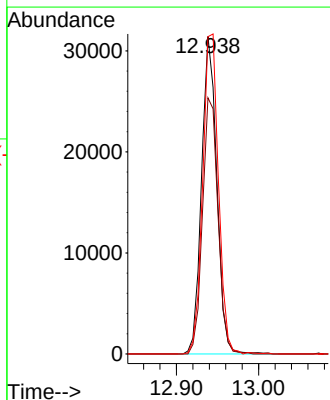
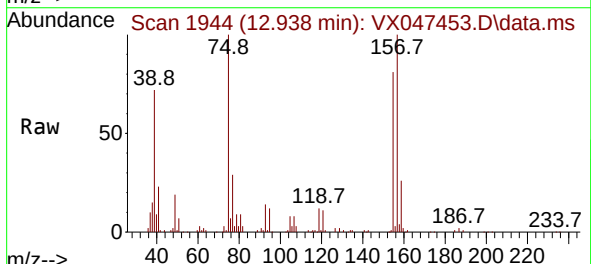
Manual Integrations
APPROVED

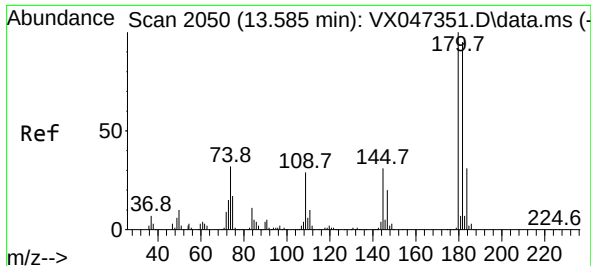
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.127 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

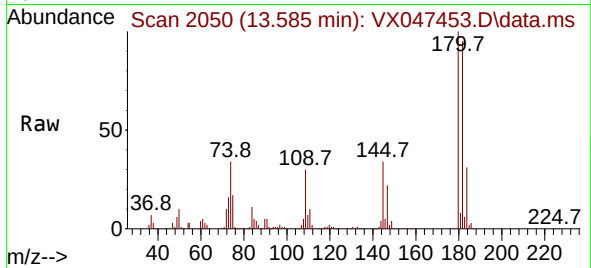
Tgt Ion: 75 Resp: 40467
Ion Ratio Lower Upper
75 100
155 81.8 41.3 123.7
157 104.5 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 44.264 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

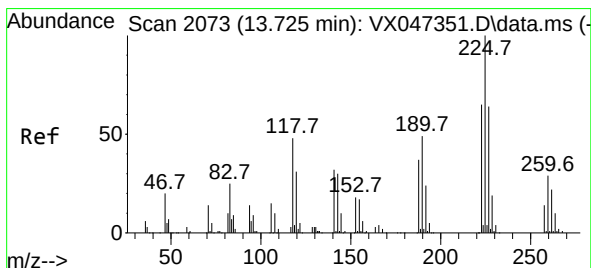
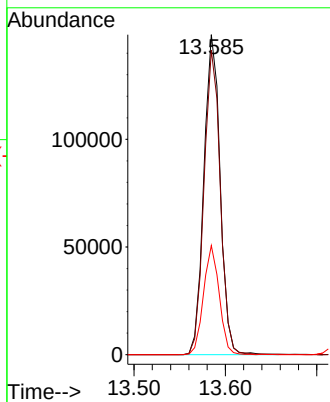
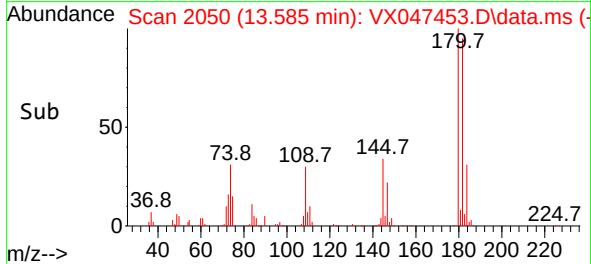
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 183154
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.4
145 32.9 16.2 48.5

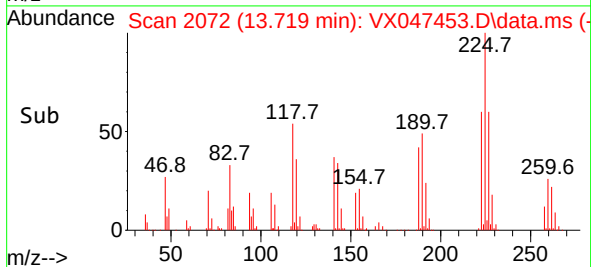
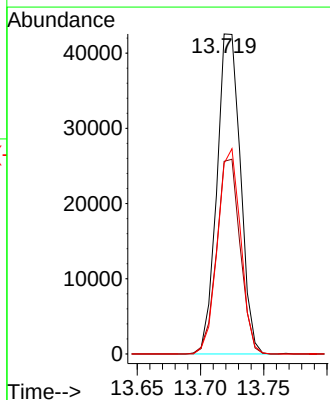
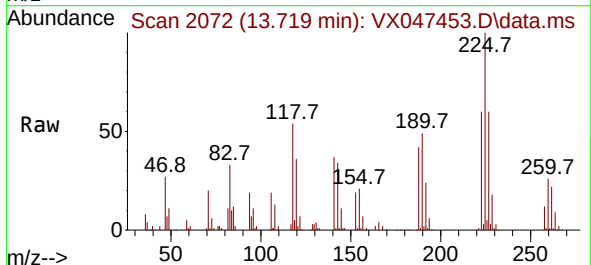
Manual Integrations
APPROVED

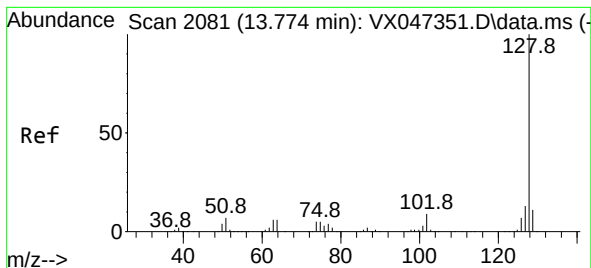
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#94
Hexachlorobutadiene
Concen: 37.337 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

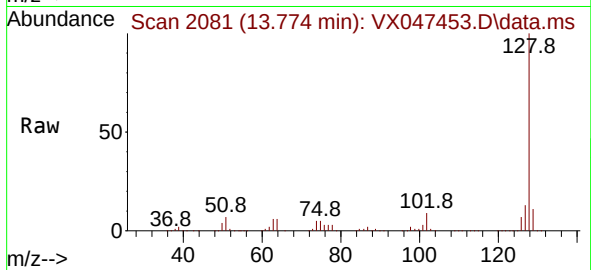
Tgt Ion:225 Resp: 54992
Ion Ratio Lower Upper
225 100
223 60.9 32.2 96.6
227 62.8 31.6 95.0





#95
Naphthalene
Concen: 57.969 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01

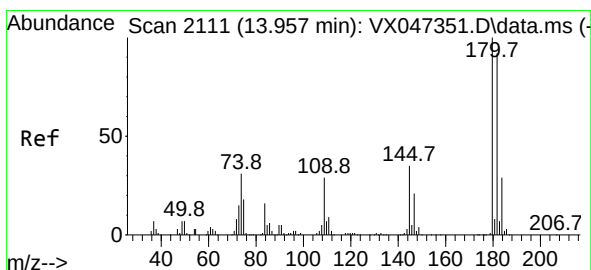
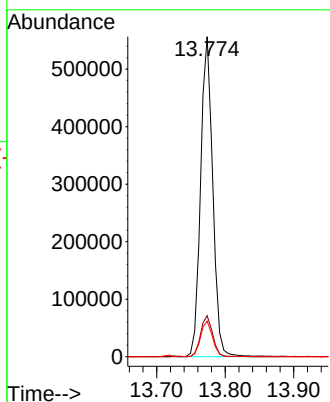
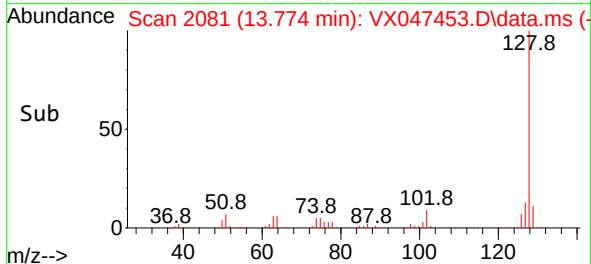
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



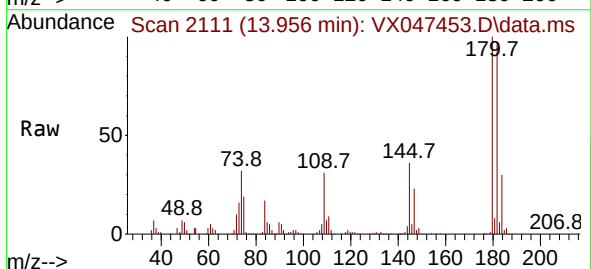
Tgt Ion:128 Resp: 68547
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.381 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047453.D
Acq: 20 Aug 2025 19:01



Tgt Ion:180 Resp: 176999
Ion Ratio Lower Upper
180 100
182 96.2 48.0 144.2
145 35.0 17.4 52.2

