

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
 Data File : VX047522.D
 Acq On : 26 Aug 2025 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:26:47 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	5.556	168	207627	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	355546	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	321463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	157831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153422	52.798	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.600%			
35) Dibromofluoromethane	5.391	113	123090	53.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.680%			
50) Toluene-d8	8.647	98	420260	50.955	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.900%			
62) 4-Bromofluorobenzene	11.079	95	161907	53.196	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	121868	46.044	ug/l	100
3) Chloromethane	1.313	50	105428	44.279	ug/l	96
4) Vinyl Chloride	1.392	62	138758	46.430	ug/l	99
5) Bromomethane	1.618	94	69424	57.512	ug/l	99
6) Chloroethane	1.703	64	82012	44.852	ug/l	91
7) Trichlorofluoromethane	1.904	101	208228	47.105	ug/l	99
8) Diethyl Ether	2.142	74	83625	53.726	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	128761	50.214	ug/l	99
10) Methyl Iodide	2.465	142	174767	39.771	ug/l	96
11) Tert butyl alcohol	2.959	59	82062	324.627	ug/l	100
12) 1,1-Dichloroethene	2.331	96	125436	47.983	ug/l	98
13) Acrolein	2.245	56	173067	324.323	ug/l	100
14) Allyl chloride	2.678	41	238692	52.569	ug/l	97
15) Acrylonitrile	3.075	53	352584	288.644	ug/l	99
16) Acetone	2.392	43	317172	290.387	ug/l	98
17) Carbon Disulfide	2.526	76	332339	42.129	ug/l	98
18) Methyl Acetate	2.709	43	183762	64.924	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	446093	56.092	ug/l	99
20) Methylene Chloride	2.800	84	148567	51.367	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	133981	48.288	ug/l	98
22) Diisopropyl ether	3.763	45	503462	56.095	ug/l	85
23) Vinyl Acetate	3.727	43	2036696	276.860	ug/l	100
24) 1,1-Dichloroethane	3.617	63	265361	52.308	ug/l	98
25) 2-Butanone	4.562	43	437385	305.762	ug/l	99
26) 2,2-Dichloropropane	4.483	77	199081	51.994	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	168119	52.023	ug/l	98
28) Bromochloromethane	4.904	49	127607	60.449	ug/l	99
29) Tetrahydrofuran	5.013	42	267249	289.051	ug/l	100
30) Chloroform	5.099	83	270835	52.312	ug/l	98
31) Cyclohexane	5.477	56	213624	45.681	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	225969	50.708	ug/l	100
36) 1,1-Dichloropropene	5.696	75	179595	49.304	ug/l	100
37) Ethyl Acetate	4.721	43	191543	50.652	ug/l	99
38) Carbon Tetrachloride	5.678	117	193413	48.589	ug/l	96
39) Methylcyclohexane	7.385	83	215502	47.430	ug/l	99
40) Benzene	6.044	78	554506	50.858	ug/l	100

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Quant Time: Aug 27 01:26:47 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)
41) Methacrylonitrile	4.934	41	91956	57.665	ug/l	98
42) 1,2-Dichloroethane	6.086	62	205408	53.187	ug/l	99
43) Isopropyl Acetate	6.342	43	304394	56.031	ug/l	100
44) Trichloroethene	7.129	130	139090	49.822	ug/l	96
45) 1,2-Dichloropropane	7.427	63	146898	53.781	ug/l	99
46) Dibromomethane	7.580	93	105714	53.310	ug/l	98
47) Bromodichloromethane	7.818	83	221530	53.888	ug/l	100
48) Methyl methacrylate	7.690	41	156693	55.568	ug/l	99
49) 1,4-Dioxane	7.671	88	38668	1410.590	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	896001	286.608	ug/l	99
52) Toluene	8.714	92	343133	50.931	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	205492	57.274	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	226489	55.771	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	140317	54.854	ug/l	97
56) Ethyl methacrylate	9.116	69	216215	57.331	ug/l	99
57) 1,3-Dichloropropane	9.305	76	239990	55.059	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	486181	269.303	ug/l	98
59) 2-Hexanone	9.427	43	616335	285.013	ug/l	100
60) Dibromochloromethane	9.519	129	165103	54.311	ug/l	100
61) 1,2-Dibromoethane	9.610	107	142207	53.912	ug/l	100
64) Tetrachloroethene	9.275	164	111607	47.999	ug/l	95
65) Chlorobenzene	10.079	112	388135	50.808	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	137699	53.322	ug/l	100
67) Ethyl Benzene	10.189	91	666375	50.682	ug/l	100
68) m/p-Xylenes	10.299	106	499359	101.855	ug/l	98
69) o-Xylene	10.640	106	242809	51.464	ug/l	99
70) Styrene	10.653	104	429753	53.909	ug/l	99
71) Bromoform	10.799	173	108574	55.965	ug/l	100
73) Isopropylbenzene	10.957	105	638927	51.731	ug/l	99
74) N-amyl acetate	10.841	43	262752	56.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	199156	54.920	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	159503m	55.100	ug/l	
77) Bromobenzene	11.195	156	158874	52.677	ug/l	99
78) n-propylbenzene	11.299	91	767505	52.031	ug/l	100
79) 2-Chlorotoluene	11.360	91	453584	50.867	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	528829	52.038	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32211	48.625	ug/l	98
82) 4-Chlorotoluene	11.451	91	538306	51.212	ug/l	100
83) tert-Butylbenzene	11.713	119	537150	52.981	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	534183	52.564	ug/l	100
85) sec-Butylbenzene	11.884	105	662193	52.695	ug/l	100
86) p-Isopropyltoluene	12.006	119	561974	52.848	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	291599	50.610	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	295407	49.849	ug/l	99
89) n-Butylbenzene	12.329	91	527402	53.323	ug/l	100
90) Hexachloroethane	12.536	117	99799	53.497	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	284343	51.993	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39447	56.248	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	193397	52.750	ug/l	99
94) Hexachlorobutadiene	13.719	225	70487	54.012	ug/l	99
95) Naphthalene	13.774	128	588126	56.133	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	185929	53.801	ug/l	99

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VSTDCCC050

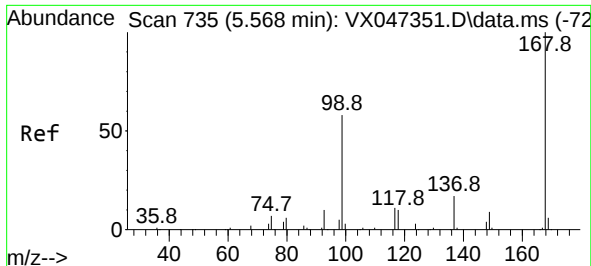
Manual Integrations
APPROVED

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Quant Time: Aug 27 01:26:47 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

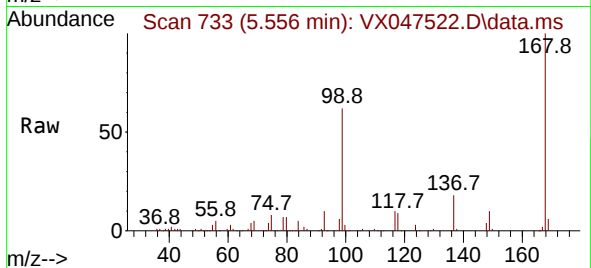
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047522.D
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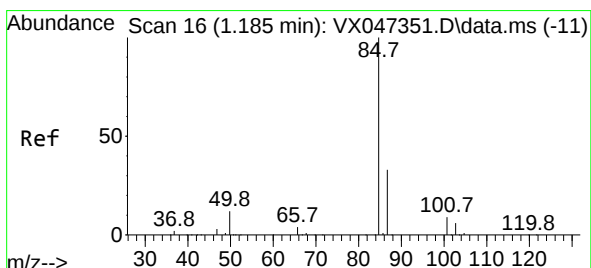
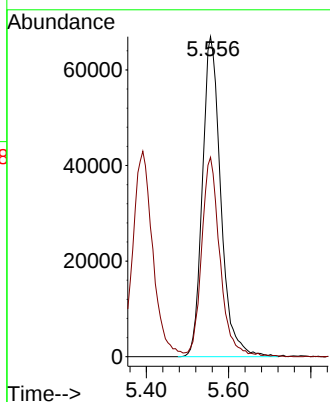
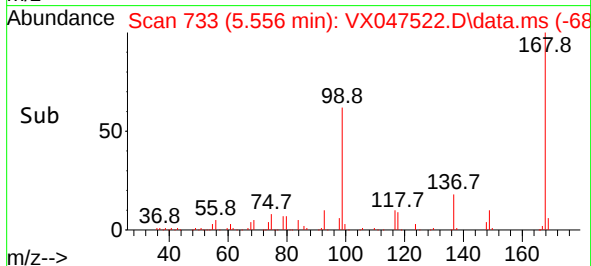
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 20762
Ion Ratio Lower Upper
168 100
99 62.0 47.9 71.9

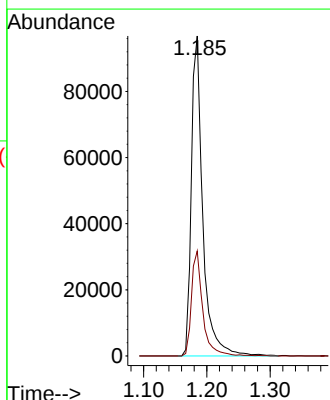
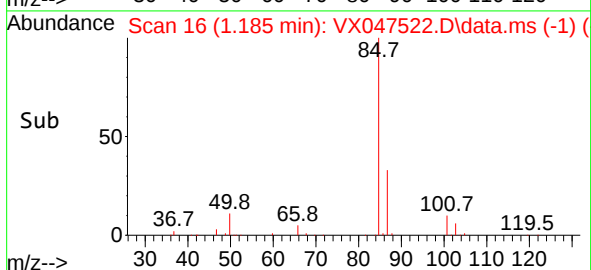
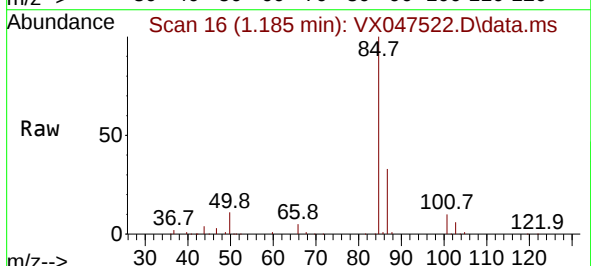
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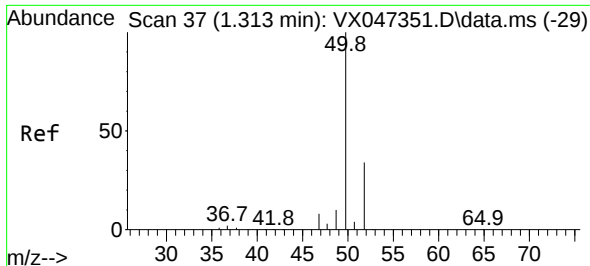
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#2
Dichlorodifluoromethane
Concen: 46.044 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

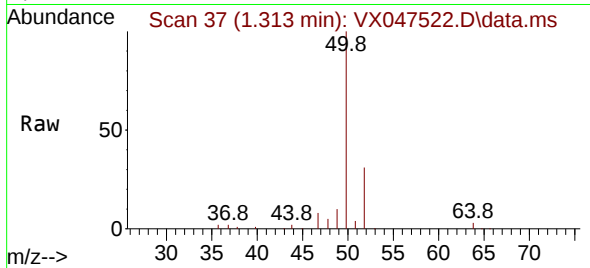
Tgt Ion: 85 Resp: 121868
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1





#3
Chloromethane
Concen: 44.279 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

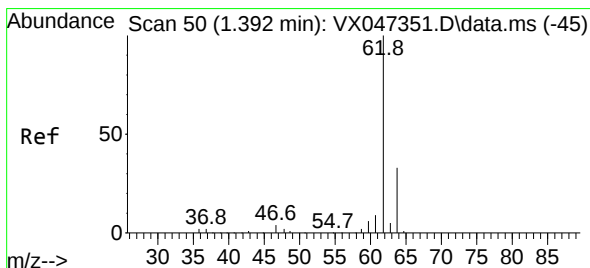
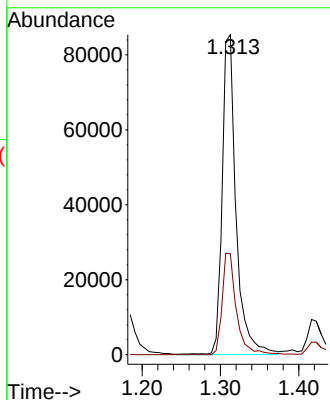
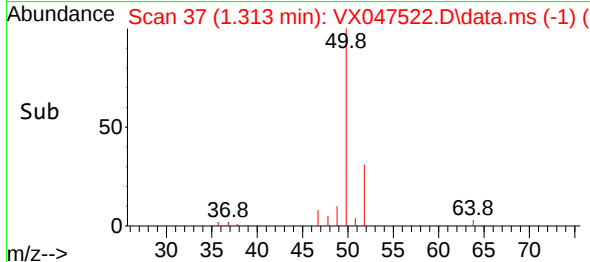
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 105428
Ion Ratio Lower Upper
50 100
52 31.5 27.0 40.4

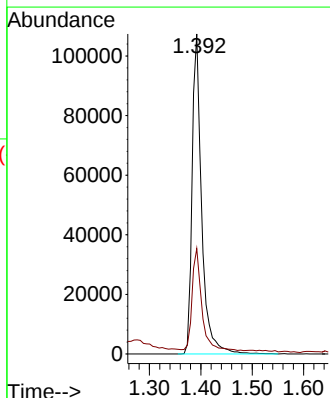
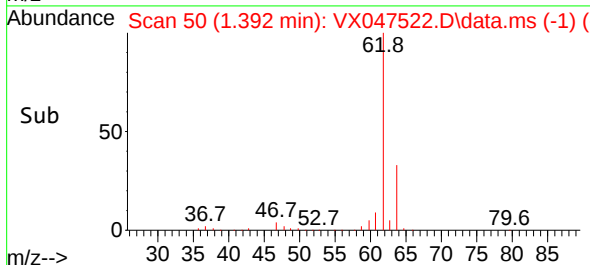
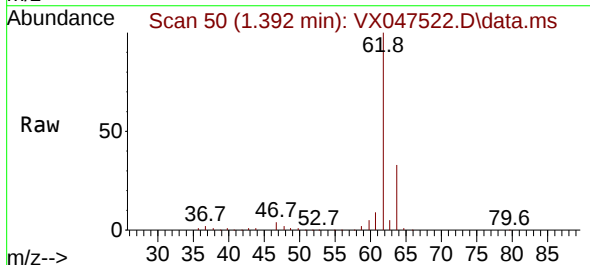
Manual Integrations
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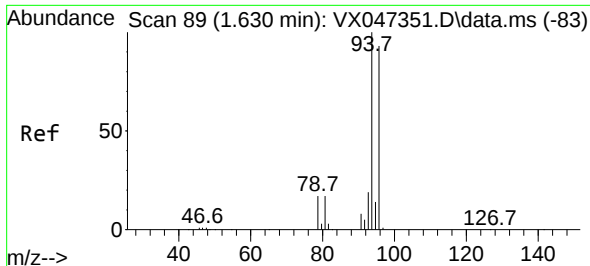
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#4
Vinyl Chloride
Concen: 46.430 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Tgt Ion: 62 Resp: 138758
Ion Ratio Lower Upper
62 100
64 32.3 26.5 39.7





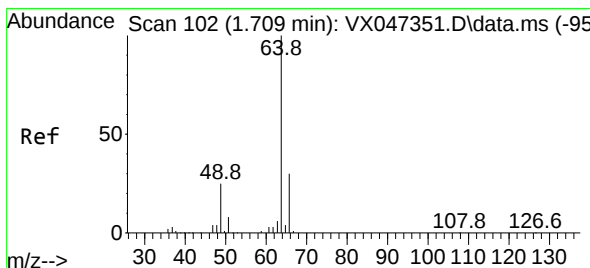
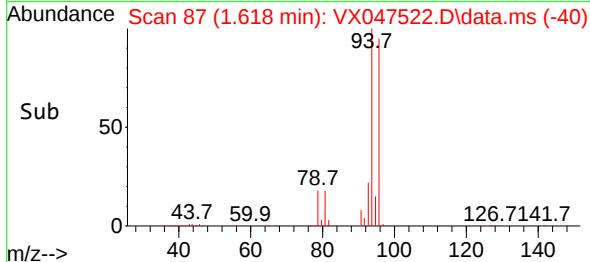
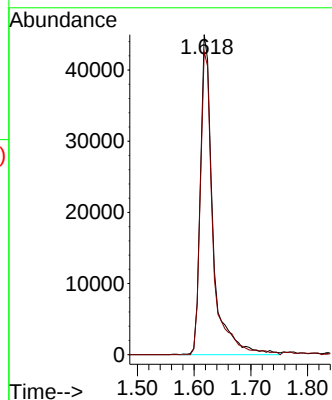
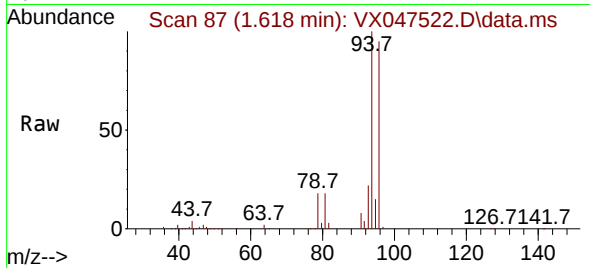
#5
Bromomethane
Concen: 57.512 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 69424
Ion Ratio Lower Upper
94 100
96 94.7 74.7 112.1

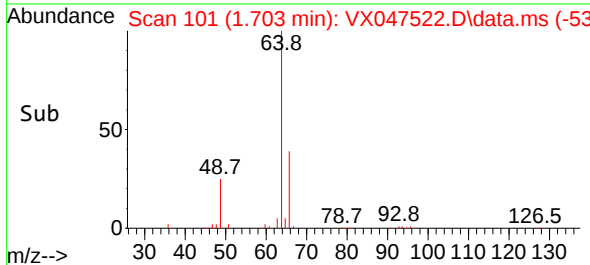
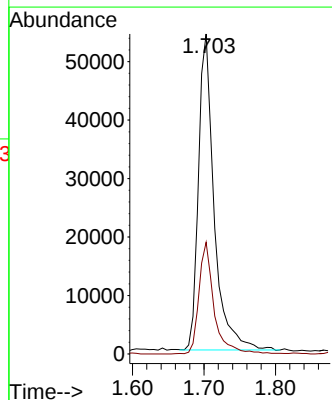
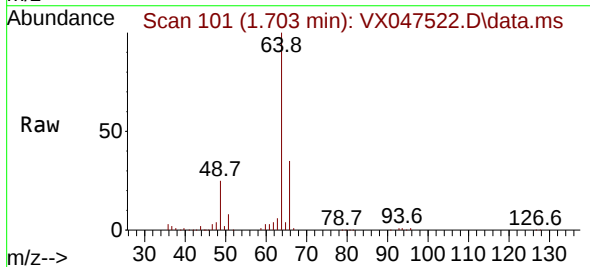
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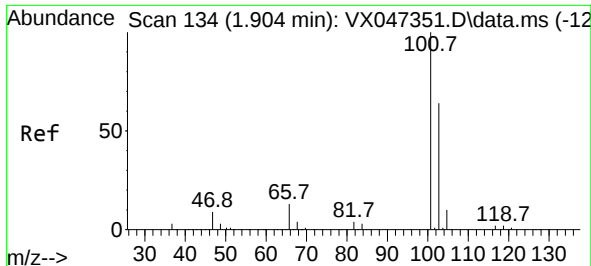
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#6
Chloroethane
Concen: 44.852 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

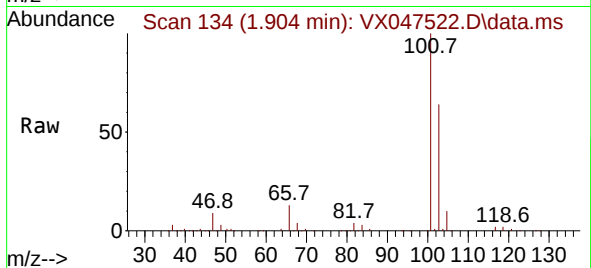
Tgt Ion: 64 Resp: 82012
Ion Ratio Lower Upper
64 100
66 35.2 24.4 36.6





#7
Trichlorofluoromethane
Concen: 47.105 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

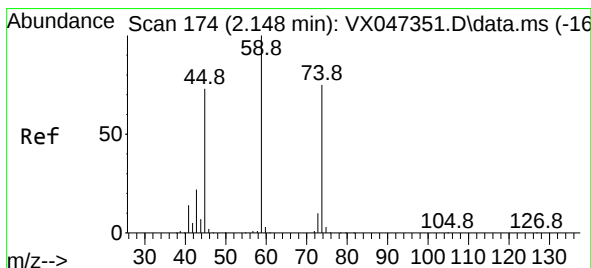
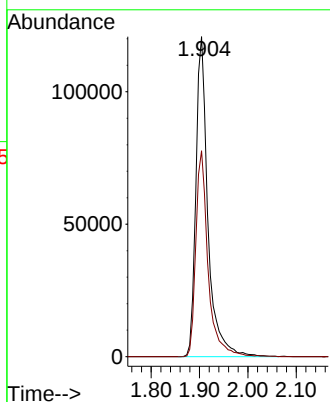
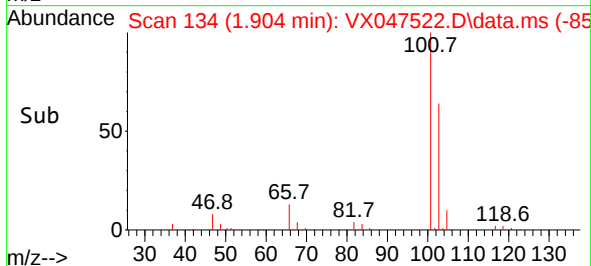
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 208228
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3

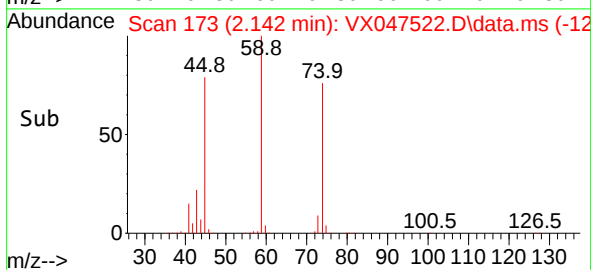
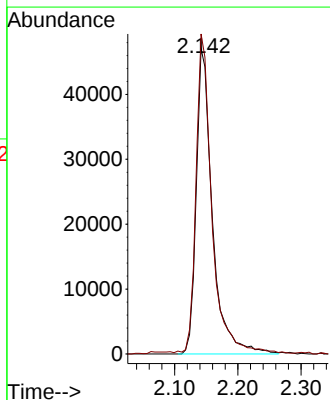
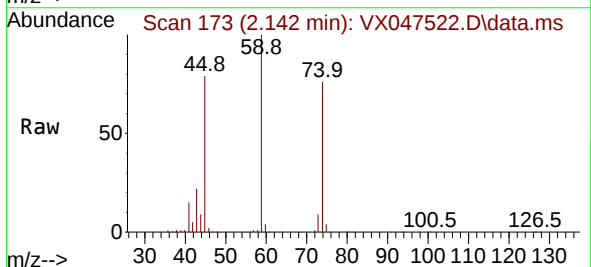
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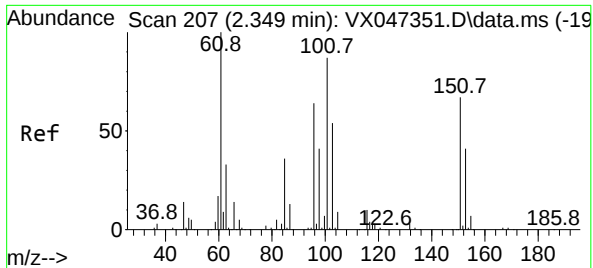
Reviewed By :John Carlone 08/27/2025
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#8
Diethyl Ether
Concen: 53.726 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

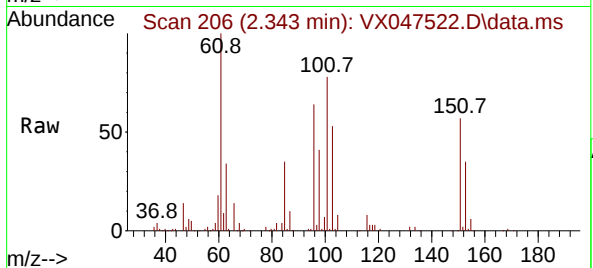
Tgt Ion: 74 Resp: 83625
Ion Ratio Lower Upper
74 100
45 102.3 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.214 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047522.D
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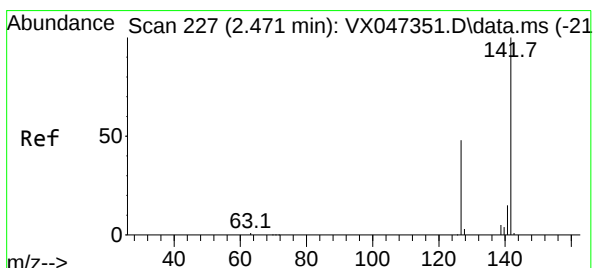
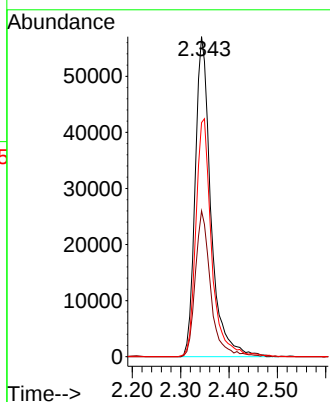
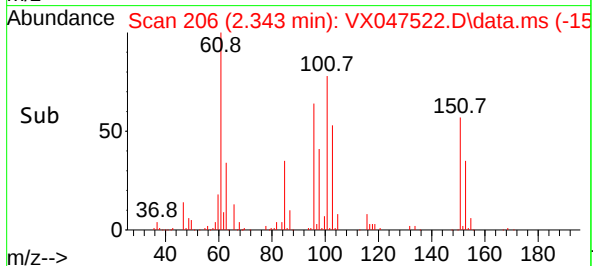
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



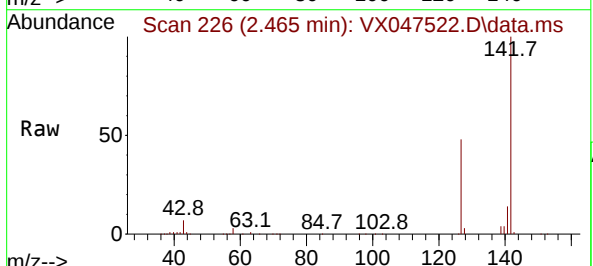
Tgt Ion:101 Resp: 12876
Ion Ratio Lower Upper
101 100
85 44.3 34.3 51.5
151 73.8 59.2 88.8

Manual Integrations
APPROVED

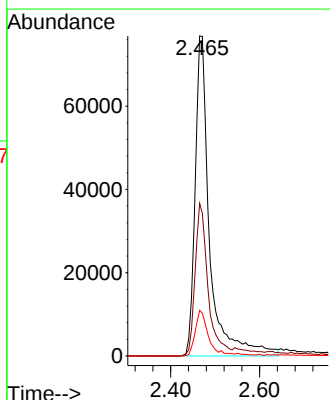
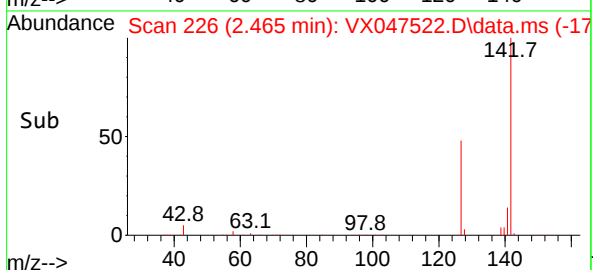
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

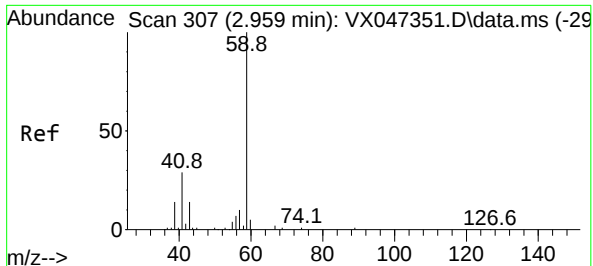


#10
Methyl Iodide
Concen: 39.771 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



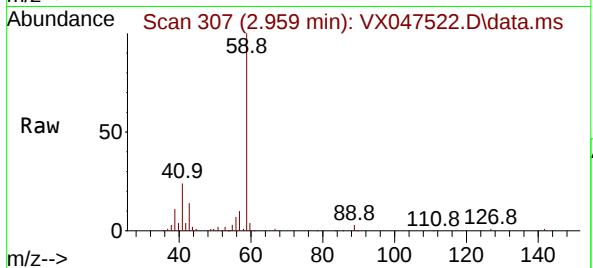
Tgt Ion:142 Resp: 174767
Ion Ratio Lower Upper
142 100
127 42.5 36.1 54.1
141 12.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 324.627 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

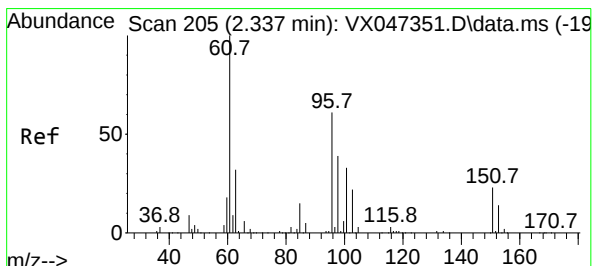
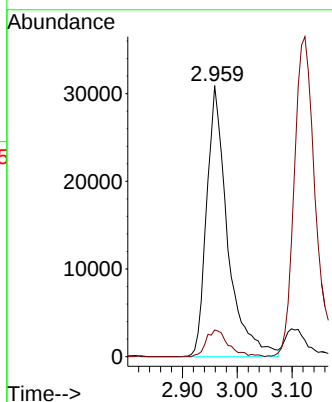
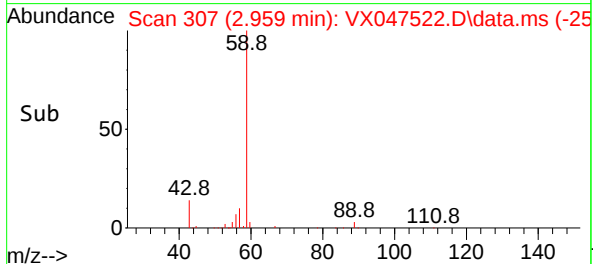
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



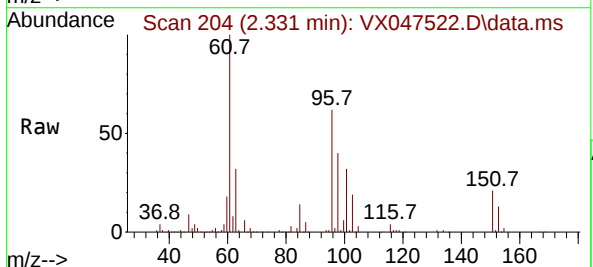
Tgt Ion: 59 Resp: 82062
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

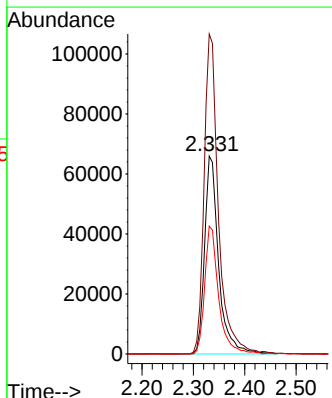
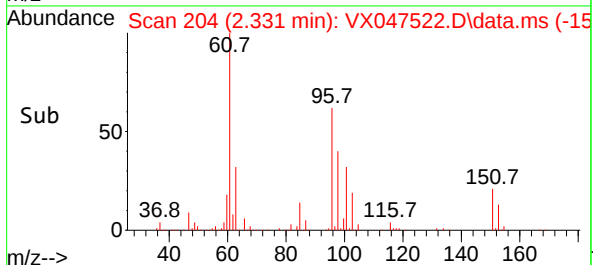
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

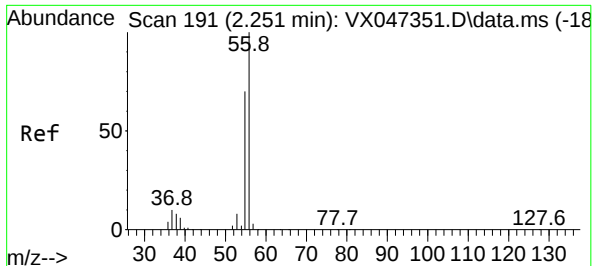


#12
1,1-Dichloroethene
Concen: 47.983 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



Tgt Ion: 96 Resp: 125436
Ion Ratio Lower Upper
96 100
61 161.6 132.2 198.2
98 64.6 51.2 76.8





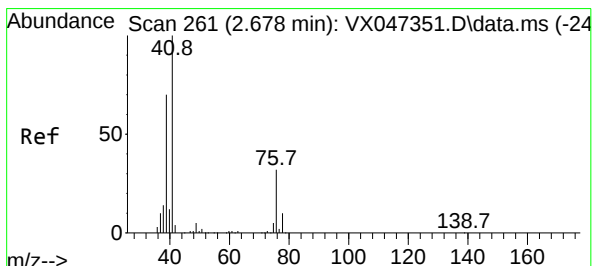
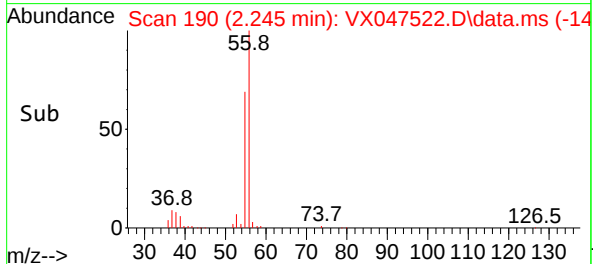
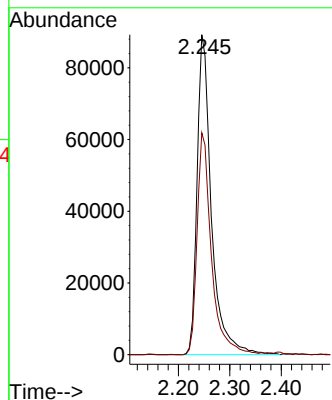
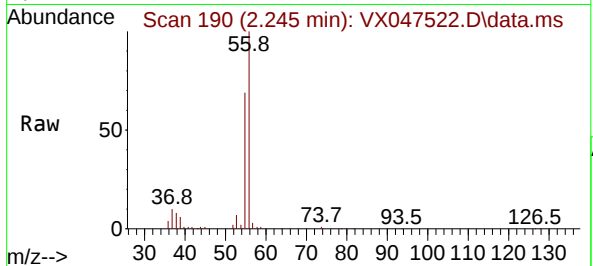
#13
Acrolein
Concen: 324.323 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 17306
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3

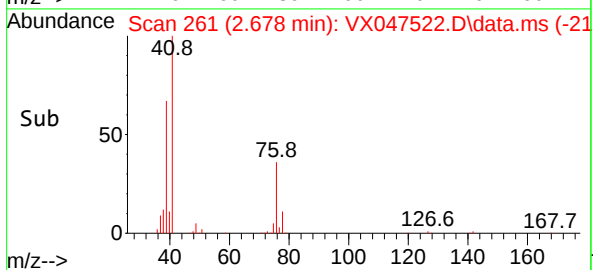
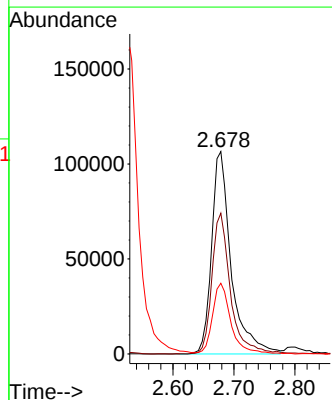
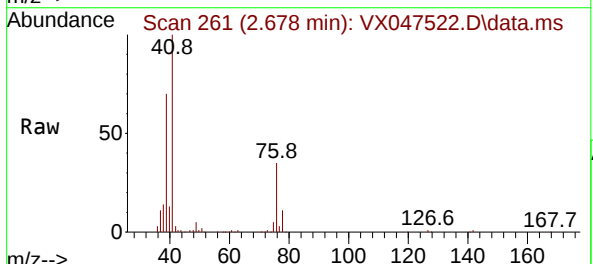
Manual Integrations
APPROVED

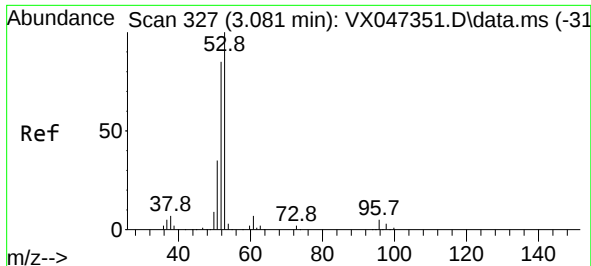
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#14
Allyl chloride
Concen: 52.569 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

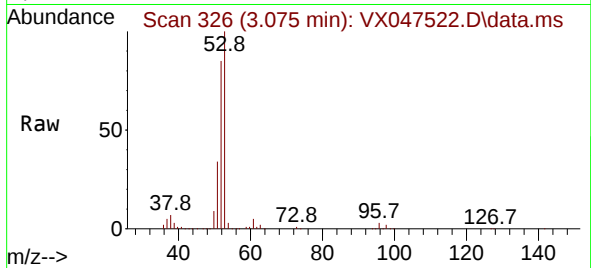
Tgt Ion: 41 Resp: 238692
Ion Ratio Lower Upper
41 100
39 66.2 54.6 81.8
76 32.7 27.6 41.4





#15
Acrylonitrile
Concen: 288.644 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

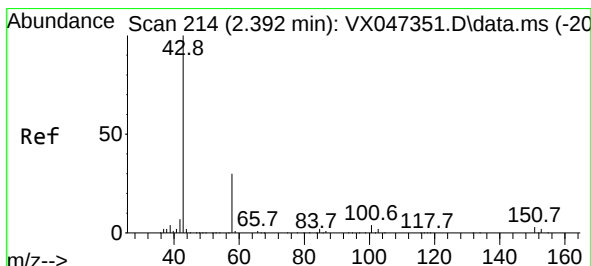
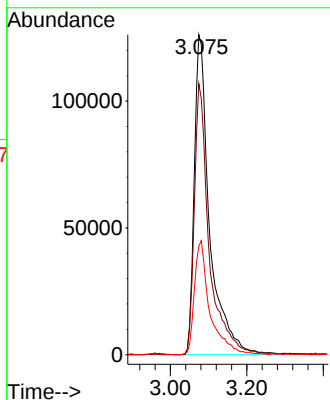
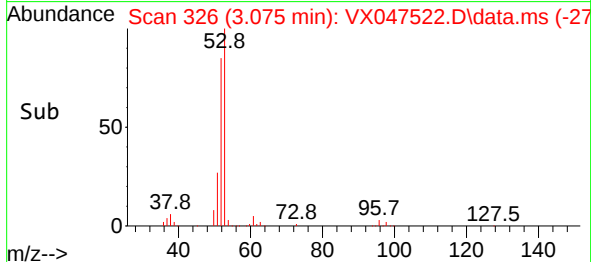
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 352584
Ion Ratio Lower Upper
53 100
52 81.6 65.8 98.6
51 35.9 28.2 42.2

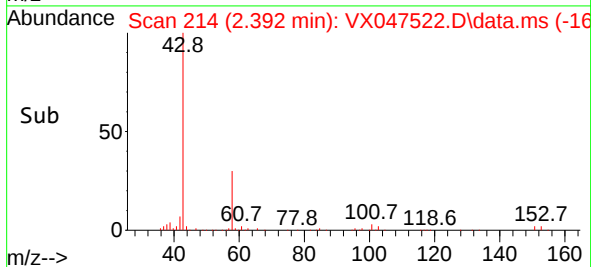
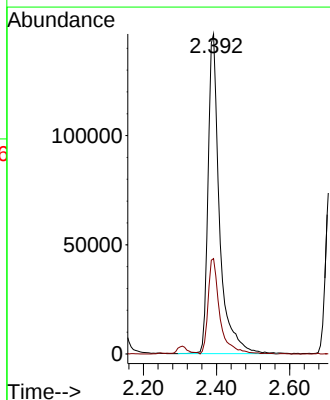
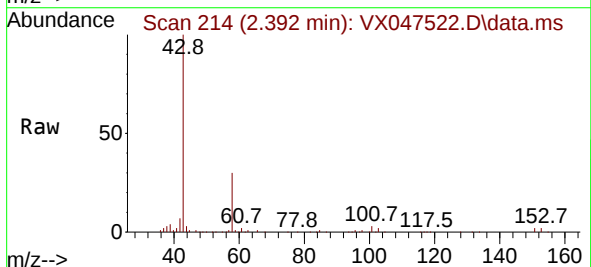
Manual Integrations
APPROVED

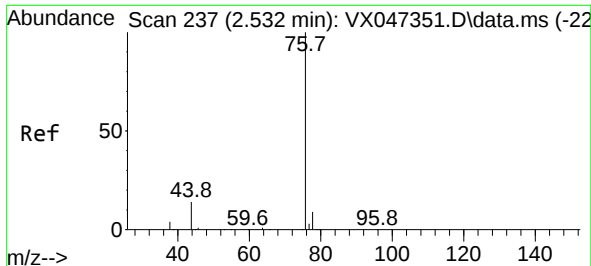
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#16
Acetone
Concen: 290.387 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Tgt Ion: 43 Resp: 317172
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2





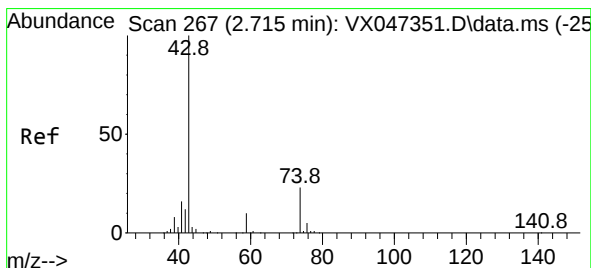
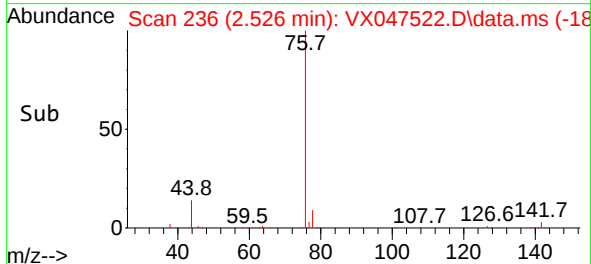
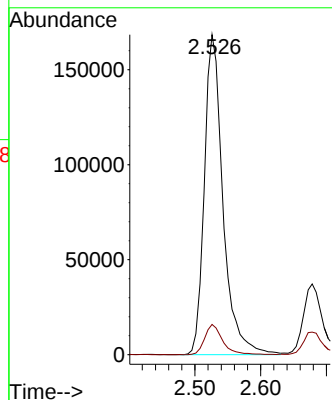
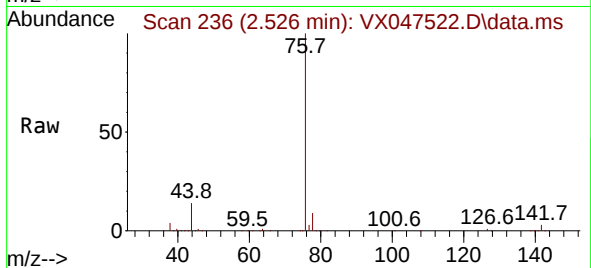
#17
Carbon Disulfide
Concen: 42.129 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 332339
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

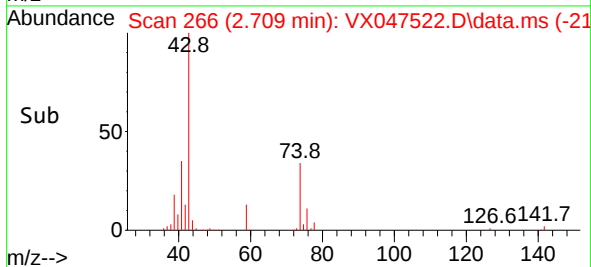
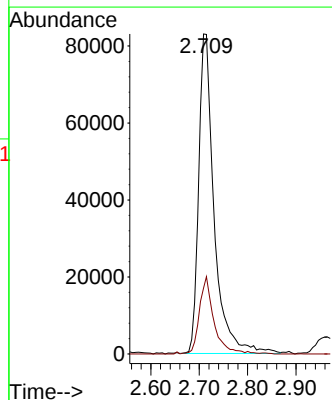
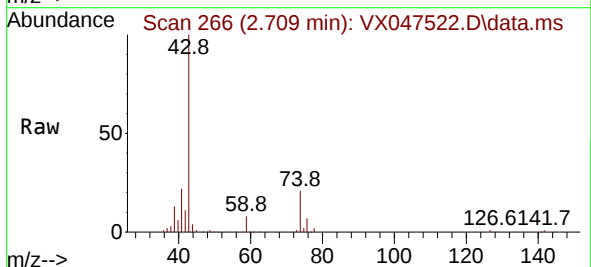
Manual Integrations
APPROVED

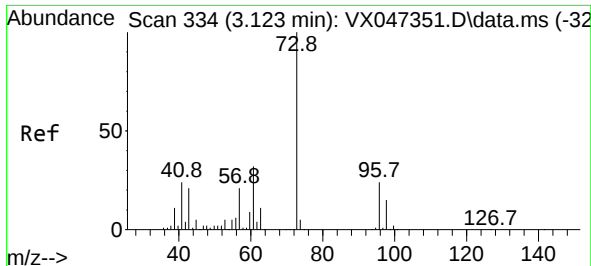
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#18
Methyl Acetate
Concen: 64.924 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

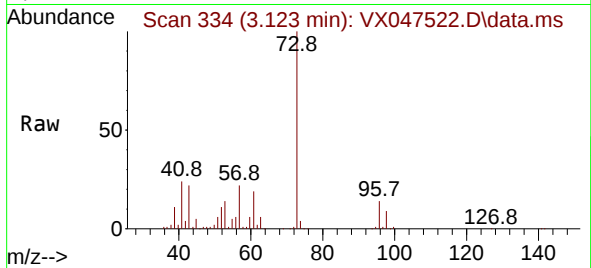
Tgt Ion: 43 Resp: 183762
Ion Ratio Lower Upper
43 100
74 21.9 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 56.092 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

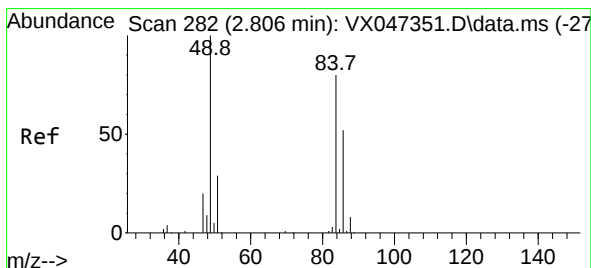
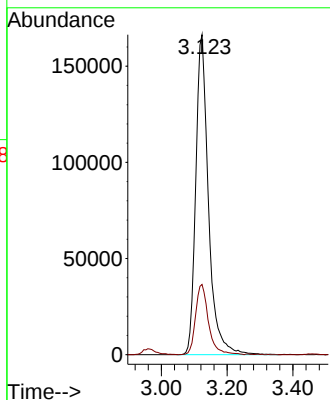
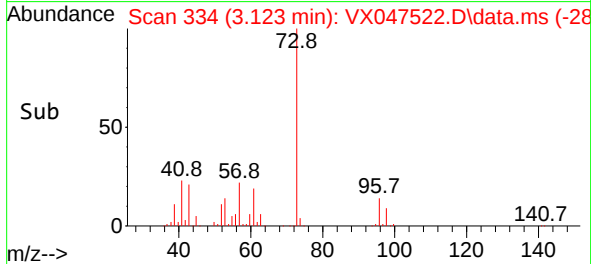
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 446093
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6

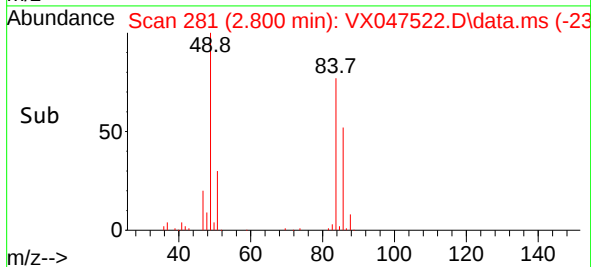
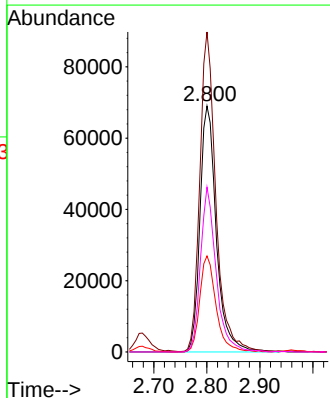
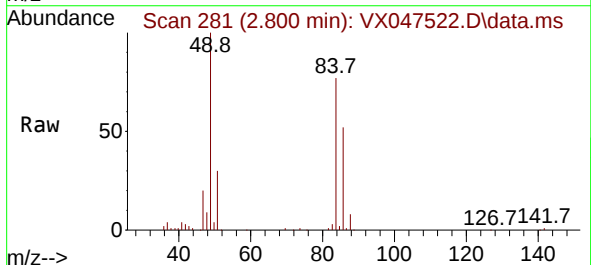
Manual Integrations
APPROVED

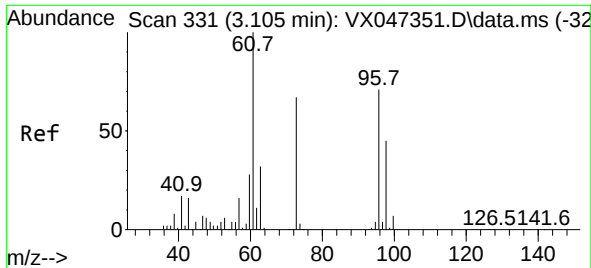
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#20
Methylene Chloride
Concen: 51.367 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

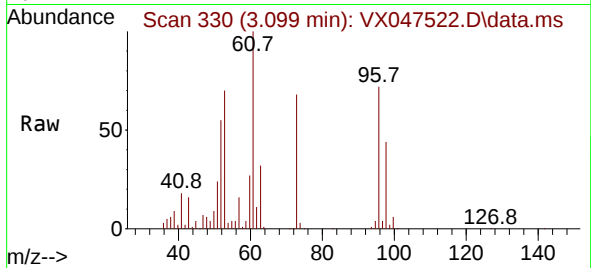
Tgt Ion: 84 Resp: 148567
Ion Ratio Lower Upper
84 100
49 130.0 100.1 150.1
51 39.0 29.5 44.3
86 68.1 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 48.288 ug/l
RT: 3.099 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

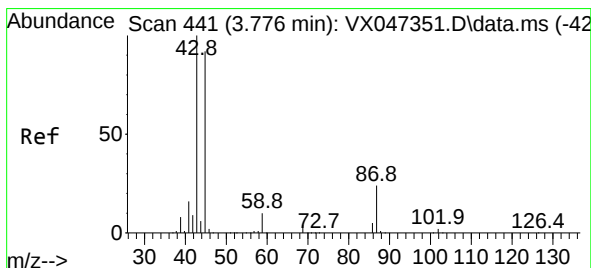
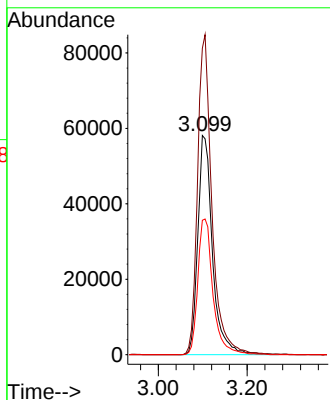
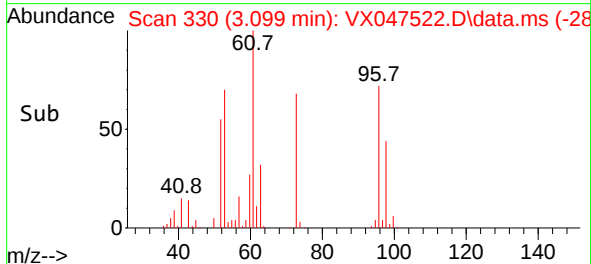
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 13398
Ion Ratio Lower Upper
96 100
61 139.7 112.6 169.0
98 61.3 50.9 76.3

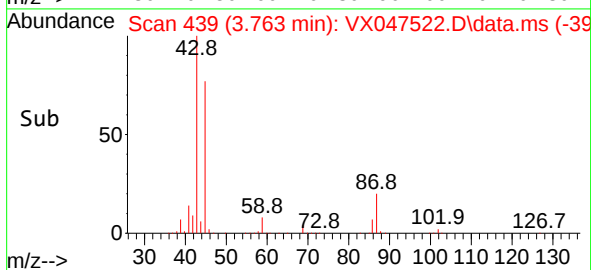
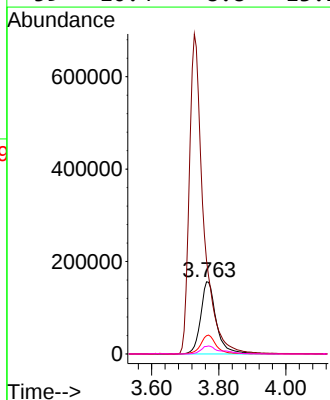
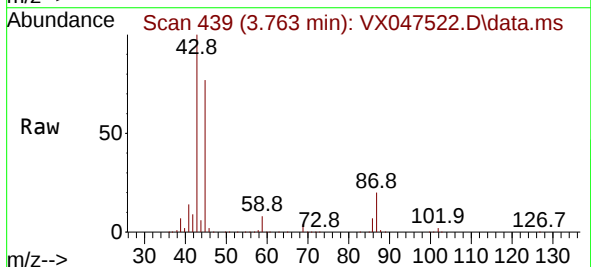
Manual Integrations
APPROVED

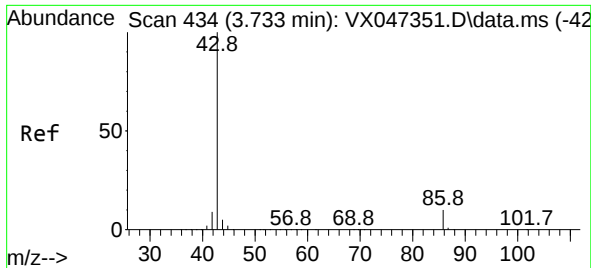
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#22
Diisopropyl ether
Concen: 56.095 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.012 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

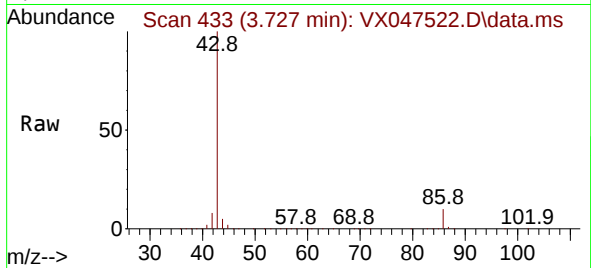
Tgt Ion: 45 Resp: 503462
Ion Ratio Lower Upper
45 100
43 129.4 86.8 130.2
87 25.3 20.4 30.6
59 10.4 8.8 13.2





#23
 Vinyl Acetate
 Concen: 276.860 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047522.D
 Acq: 26 Aug 2025 09:52

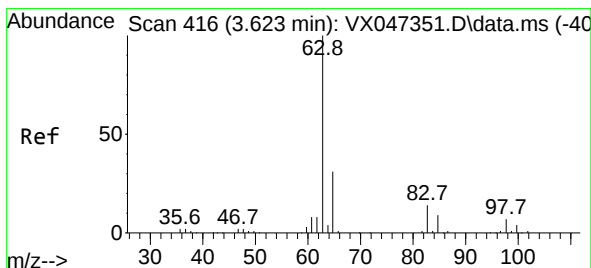
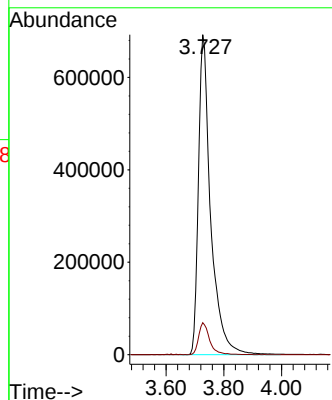
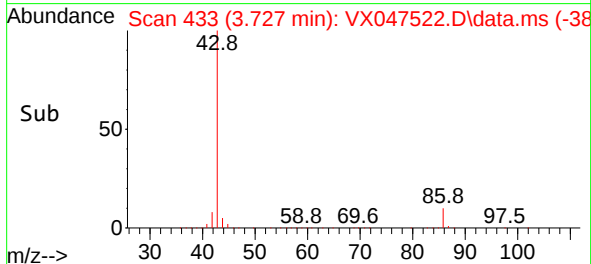
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



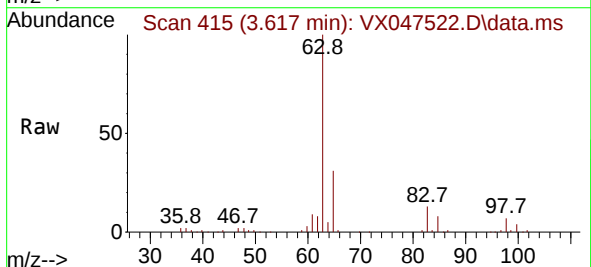
Tgt Ion: 43 Resp: 2036690
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

Manual Integrations
 APPROVED

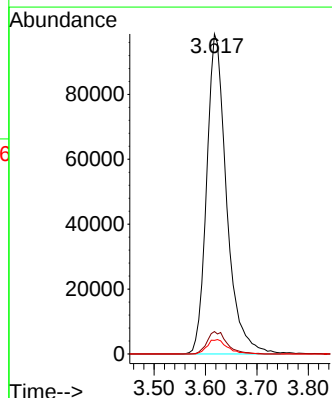
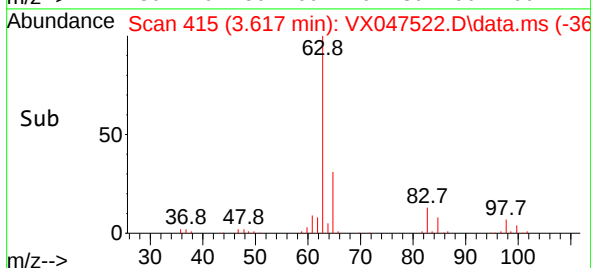
Reviewed By :John Carlone 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

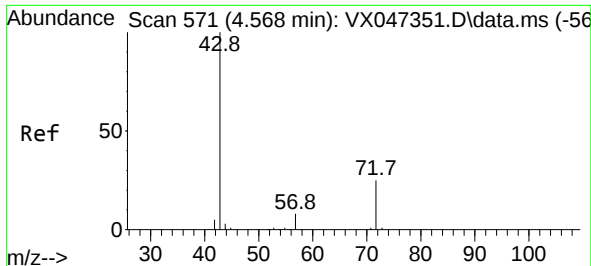


#24
 1,1-Dichloroethane
 Concen: 52.308 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047522.D
 Acq: 26 Aug 2025 09:52



Tgt Ion: 63 Resp: 265361
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.9
 100 4.2 2.1 6.3





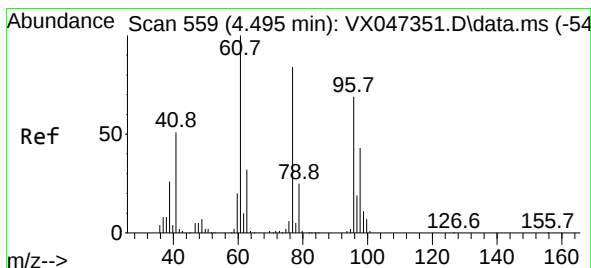
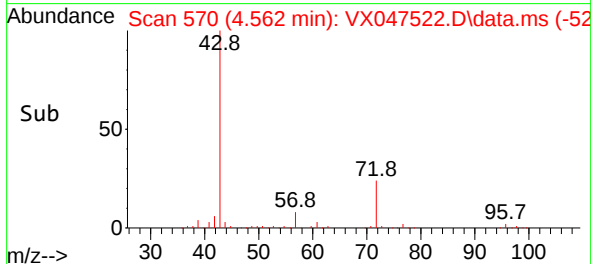
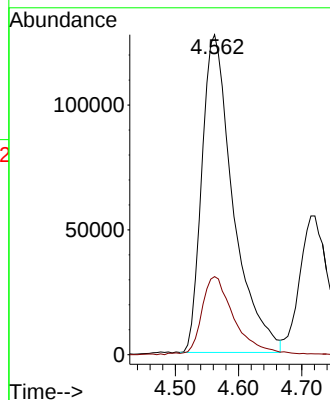
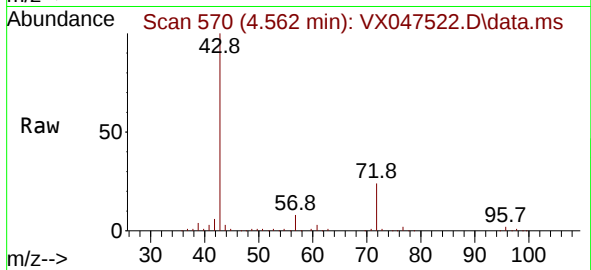
#25
2-Butanone
Concen: 305.762 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 43738
Ion Ratio Lower Upper
43 100
72 24.1 19.8 29.8

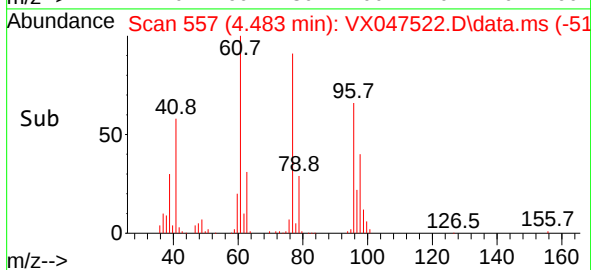
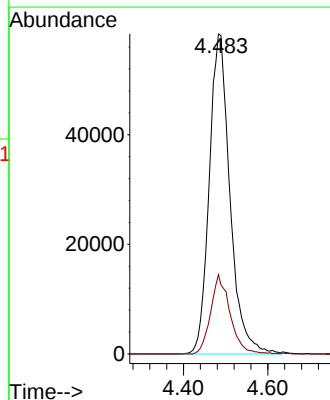
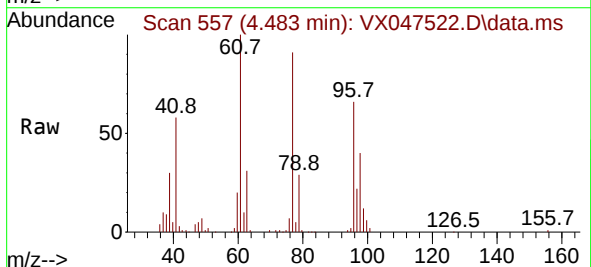
Manual Integrations
APPROVED

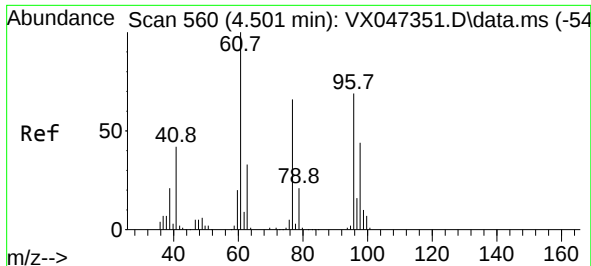
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#26
2,2-Dichloropropane
Concen: 51.994 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Tgt Ion: 77 Resp: 199081
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.023 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 168119

Ion Ratio Lower Upper

96 100

61 145.6 0.0 296.6

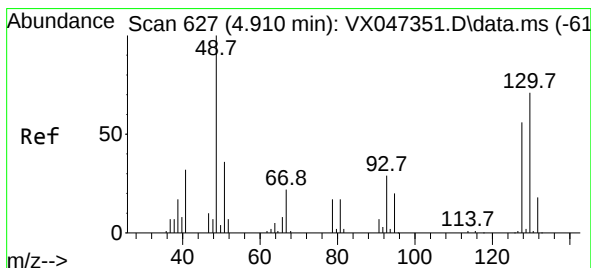
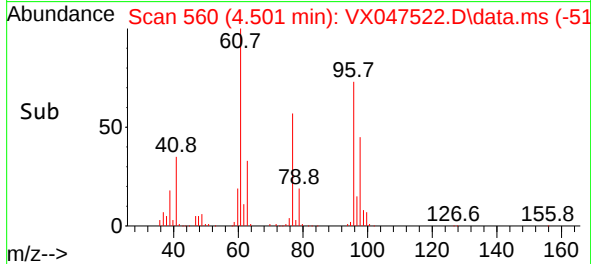
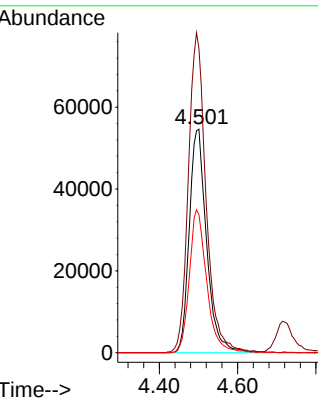
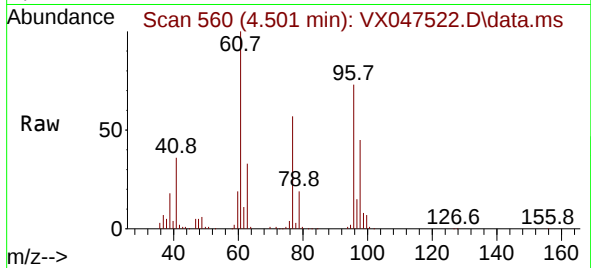
98 63.8 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#28

Bromochloromethane

Concen: 60.449 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

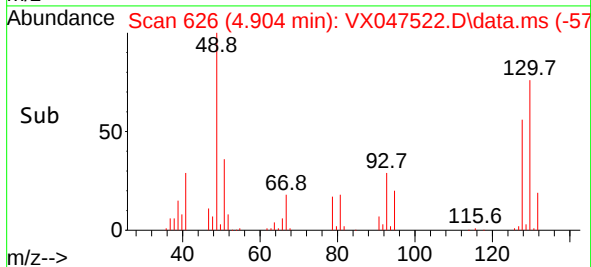
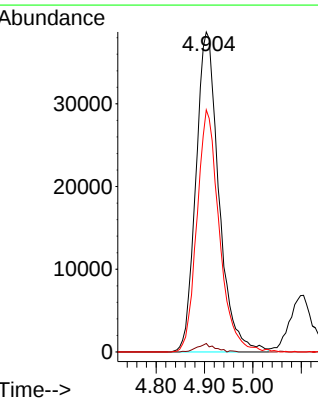
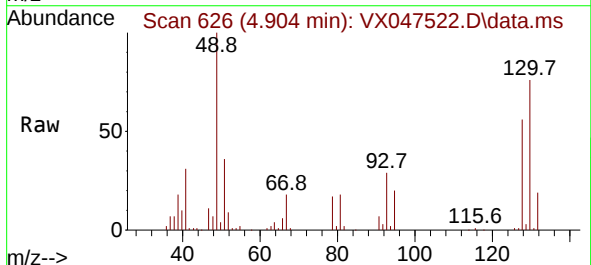
Tgt Ion: 49 Resp: 127607

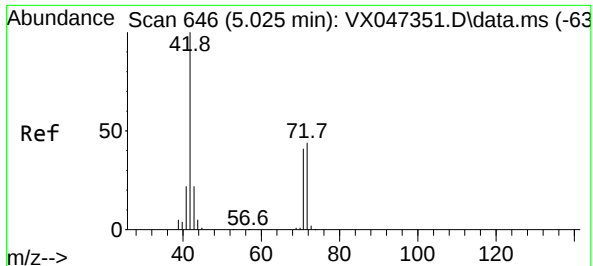
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 73.5 59.8 89.6





#29

Tetrahydrofuran

Concen: 289.051 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX047522.D

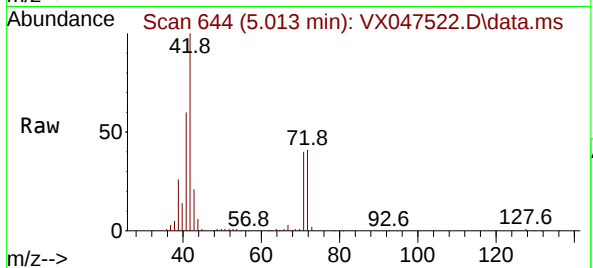
Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 267249

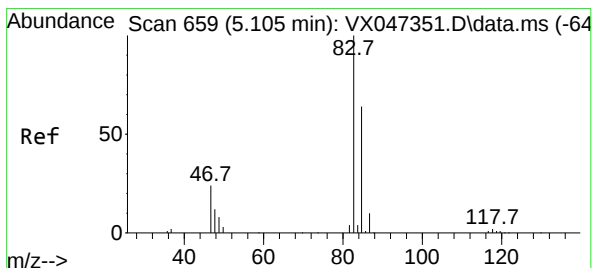
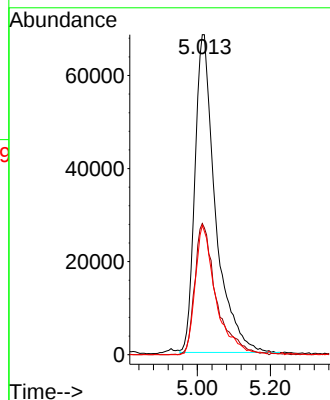
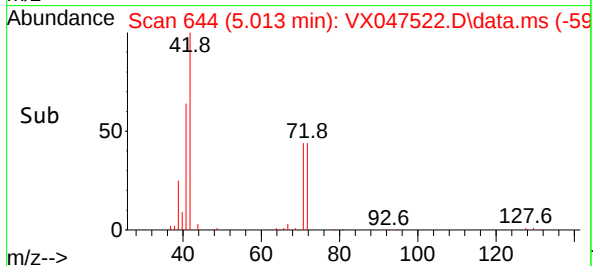
Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.6	51.8
71	40.7	32.6	49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#30

Chloroform

Concen: 52.312 ug/l

RT: 5.099 min Scan# 658

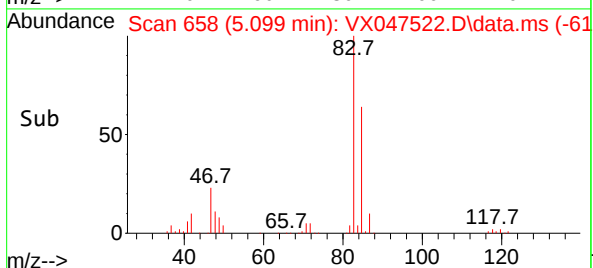
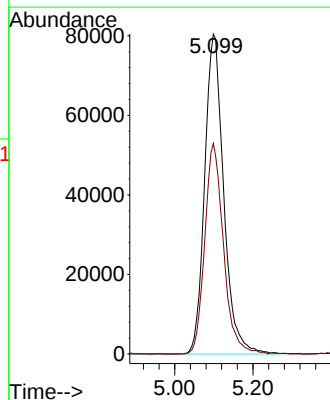
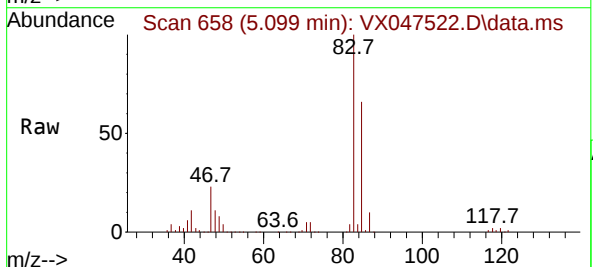
Delta R.T. -0.006 min

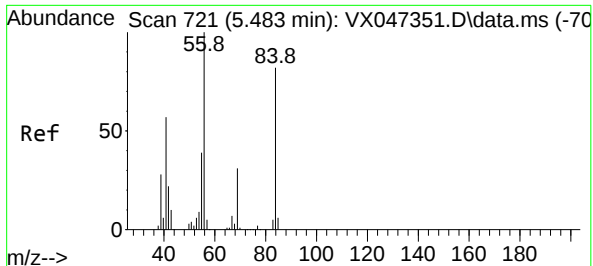
Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Tgt Ion: 83 Resp: 270835

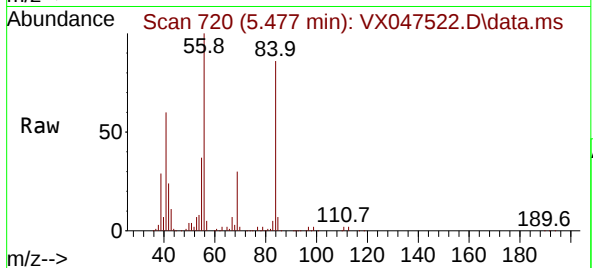
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.2	76.8





#31
Cyclohexane
Concen: 45.681 ug/l
RT: 5.477 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

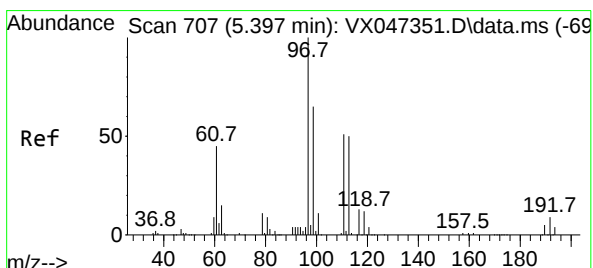
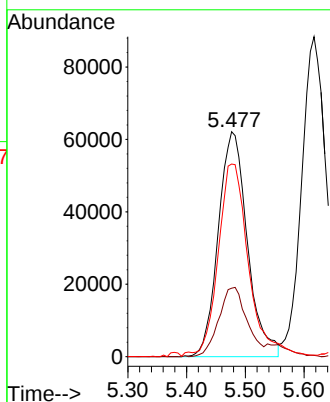
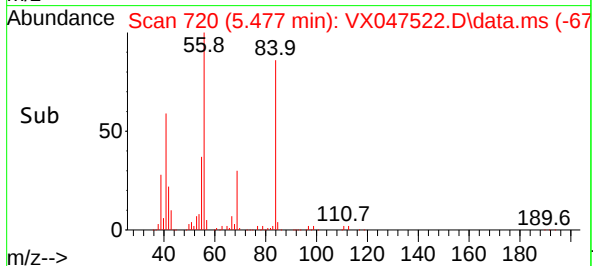
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 213624
Ion Ratio Lower Upper
56 100
69 29.9 24.3 36.5
84 84.0 65.3 97.9

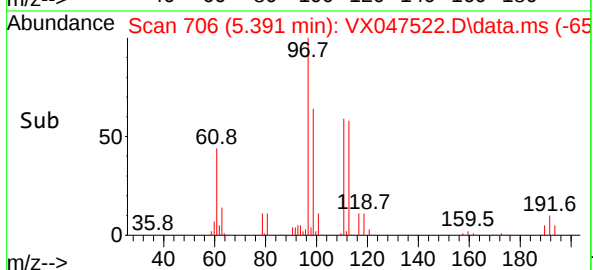
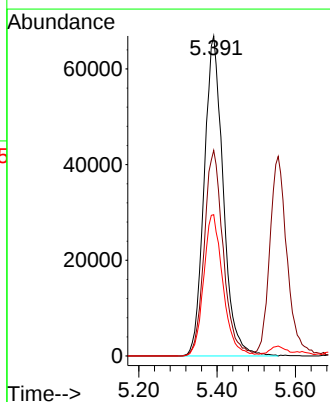
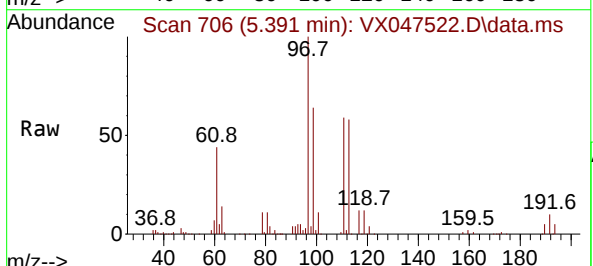
Manual Integrations
APPROVED

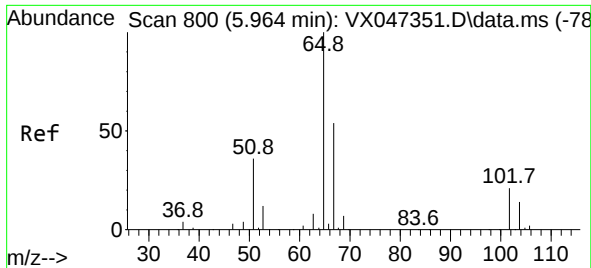
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#32
1,1,1-Trichloroethane
Concen: 50.708 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

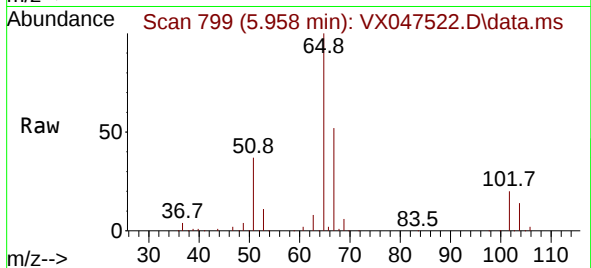
Tgt Ion: 97 Resp: 225969
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 44.9 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 52.798 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

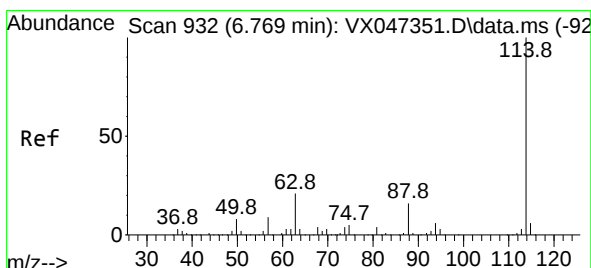
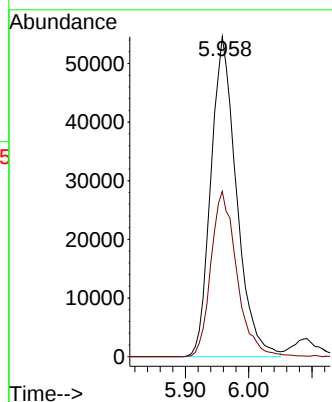
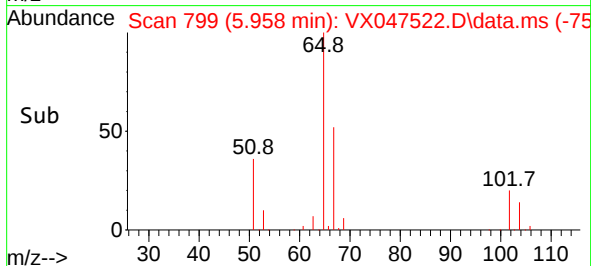
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



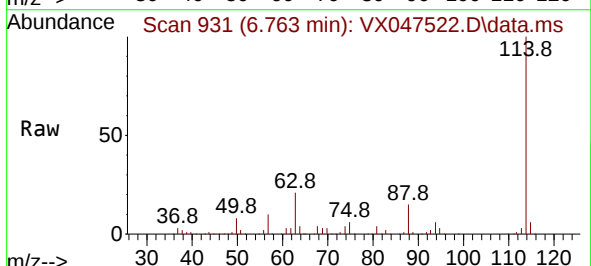
Tgt Ion: 65 Resp: 15342
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

Manual Integrations
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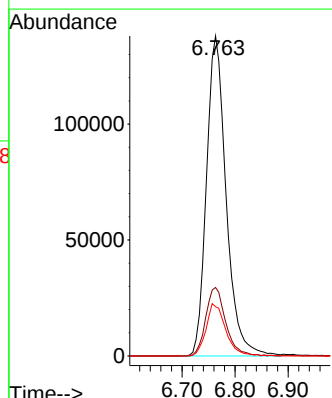
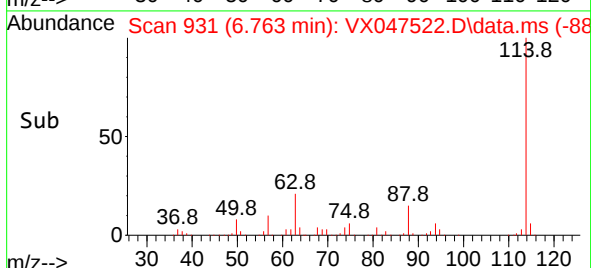
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

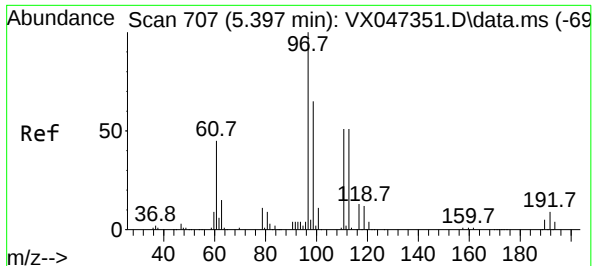


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



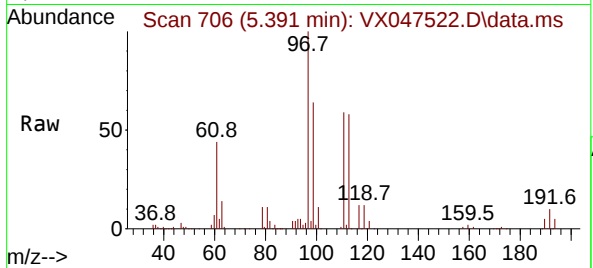
Tgt Ion:114 Resp: 355546
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 15.4 0.0 33.0





#35
Dibromofluoromethane
Concen: 53.343 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

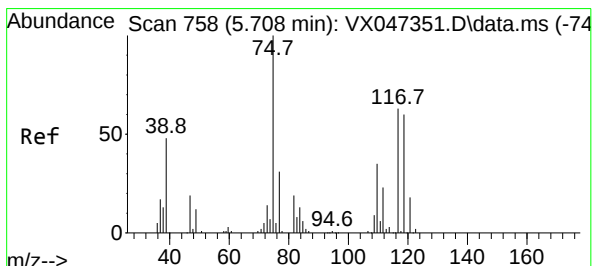
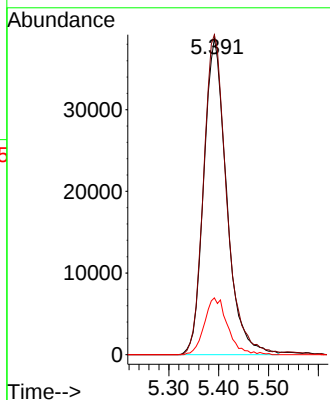
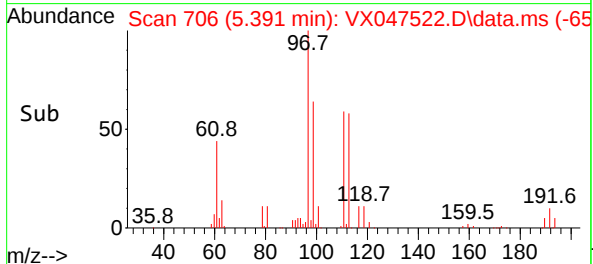
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 123090
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 18.3 14.1 21.1

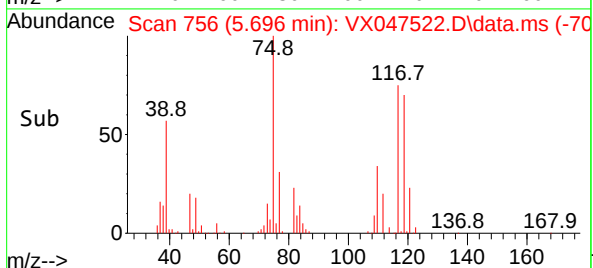
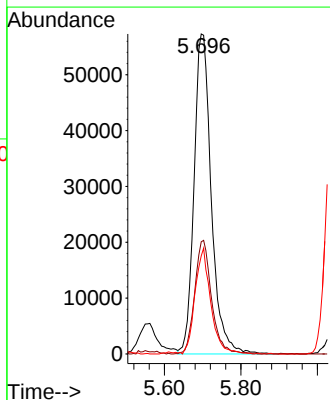
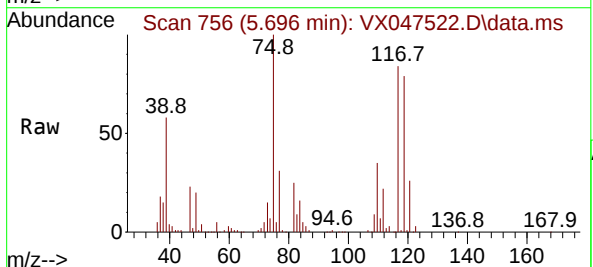
Manual Integrations
APPROVED

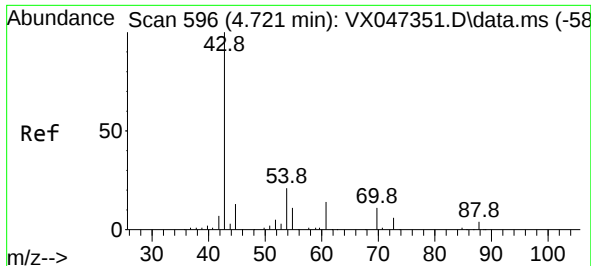
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#36
1,1-Dichloropropene
Concen: 49.304 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Tgt Ion: 75 Resp: 179595
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.2
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 50.652 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 19154

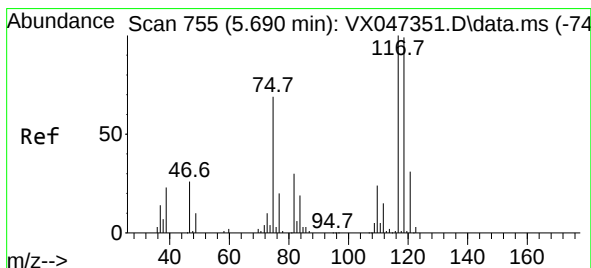
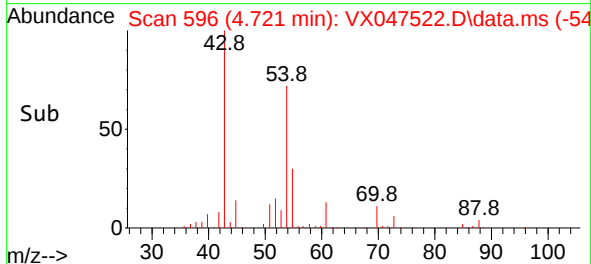
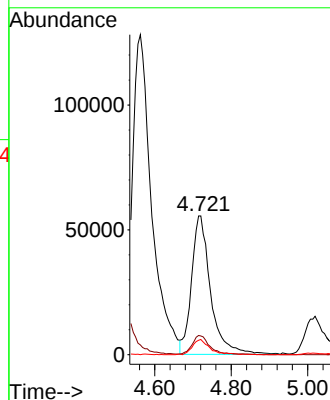
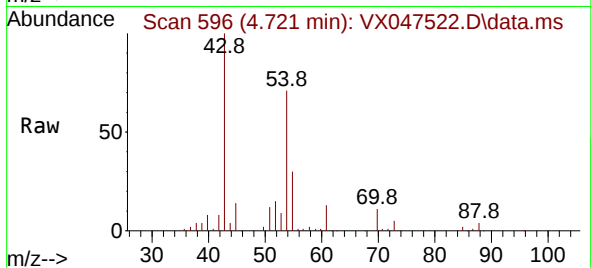
Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.4	14.2
70	9.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#38

Carbon Tetrachloride

Concen: 48.589 ug/l

RT: 5.678 min Scan# 753

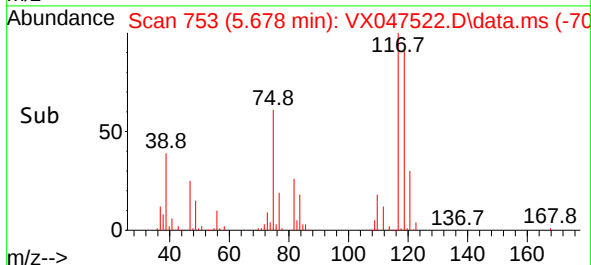
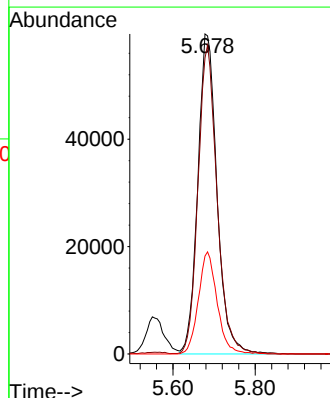
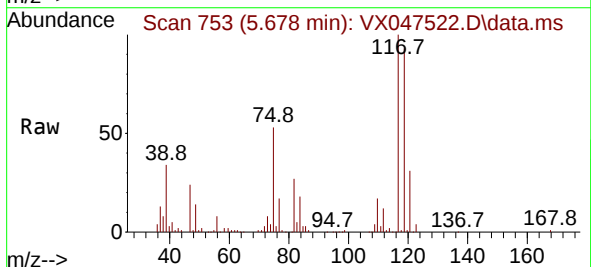
Delta R.T. -0.012 min

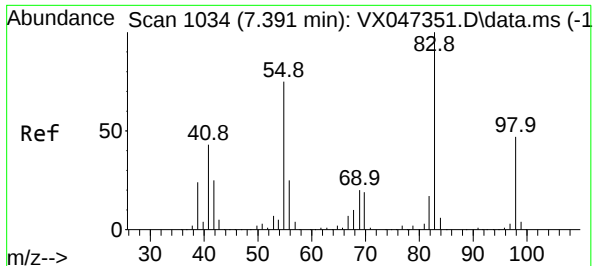
Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Tgt Ion:117 Resp: 193413

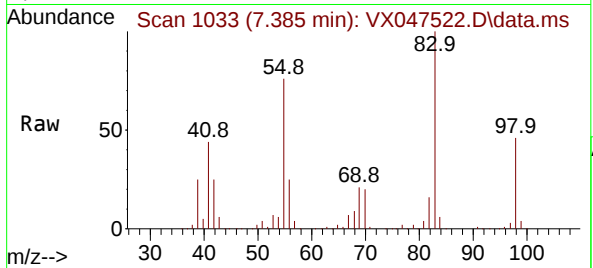
Ion	Ratio	Lower	Upper
117	100		
119	92.5	78.5	117.7
121	30.6	24.7	37.1





#39
Methylcyclohexane
Concen: 47.430 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

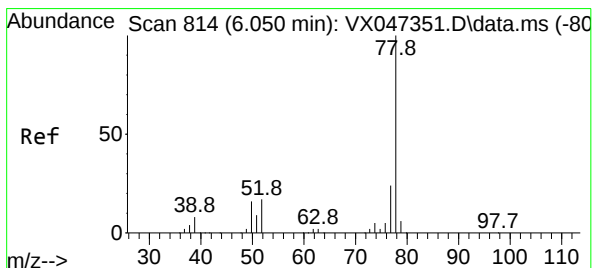
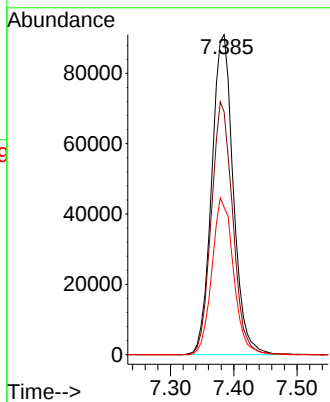
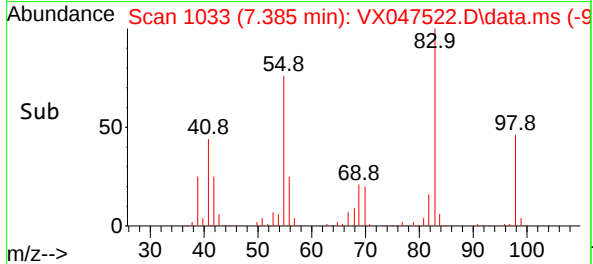
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 21550
Ion Ratio Lower Upper
83 100
55 75.9 60.0 90.0
98 46.0 37.2 55.8

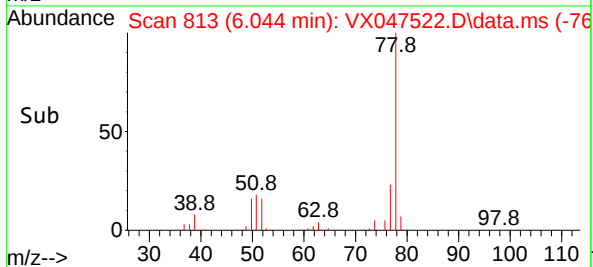
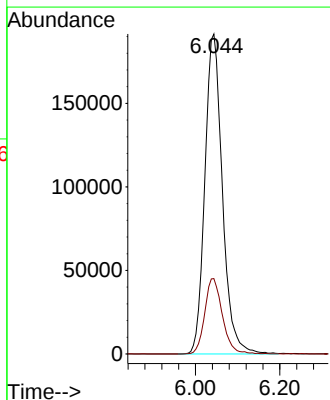
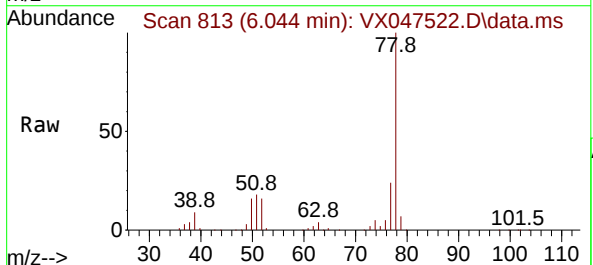
Manual Integrations
APPROVED

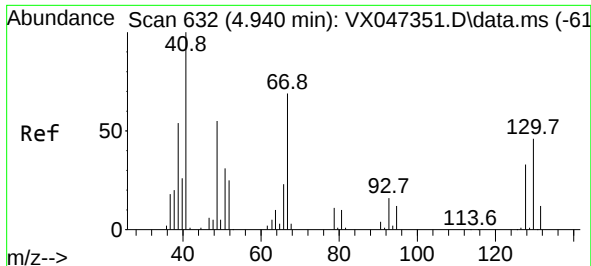
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#40
Benzene
Concen: 50.858 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Tgt Ion: 78 Resp: 554506
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





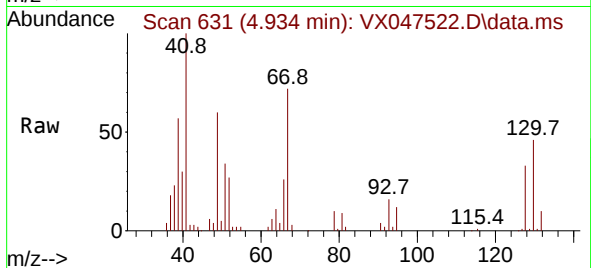
#41
Methacrylonitrile
Concen: 57.665 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



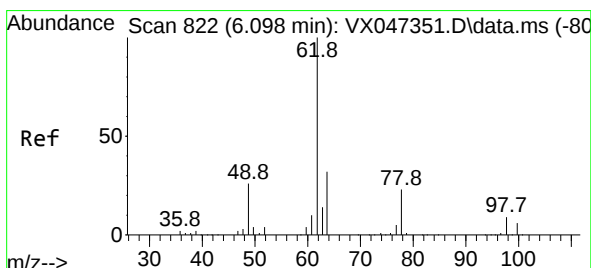
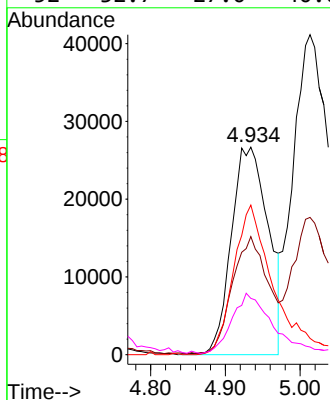
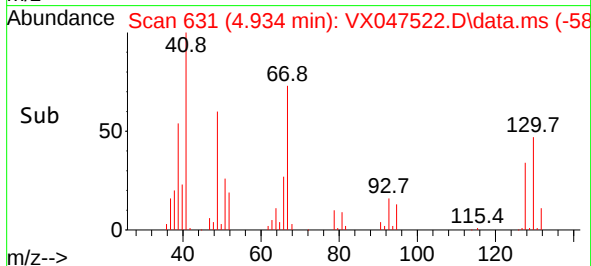
Tgt Ion: 41 Resp: 91950
Ion Ratio Lower Upper
41 100
39 54.3 45.4 68.2
67 79.2 64.0 96.0
52 32.7 27.0 40.6

Manual Integrations

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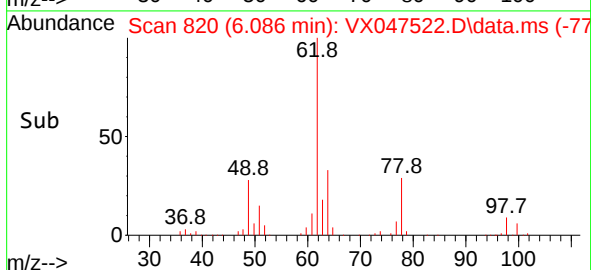
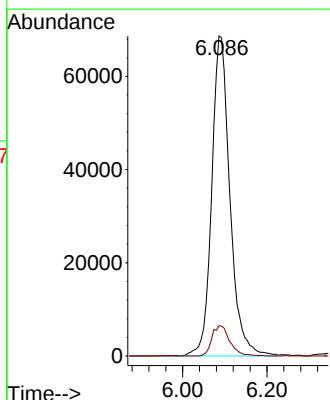
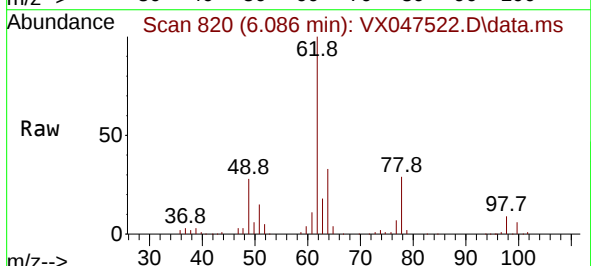
Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#42
1,2-Dichloroethane
Concen: 53.187 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Tgt Ion: 62 Resp: 205408
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.0





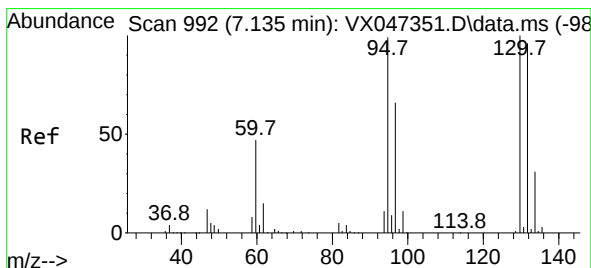
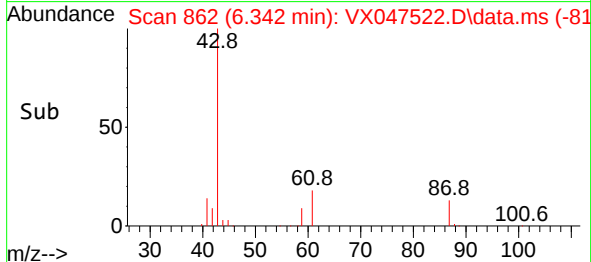
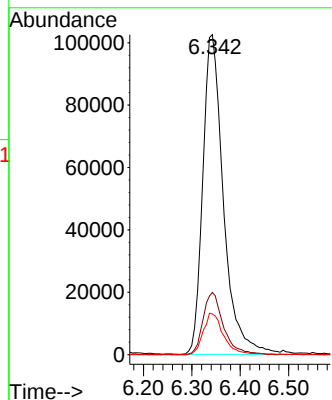
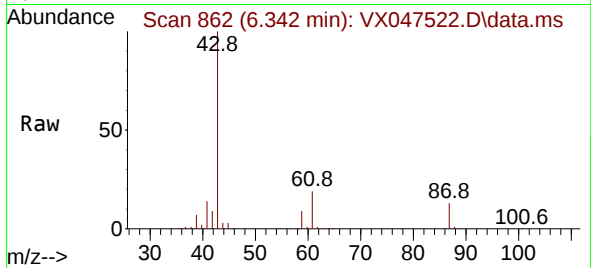
#43
Isopropyl Acetate
Concen: 56.031 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 304394
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0
87 12.8 10.2 15.4

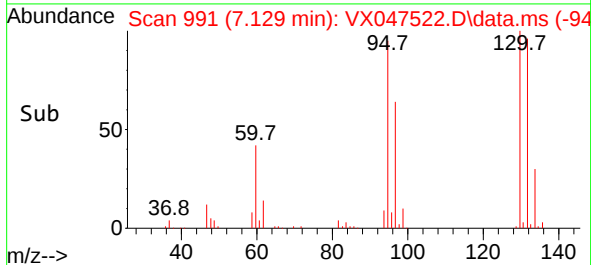
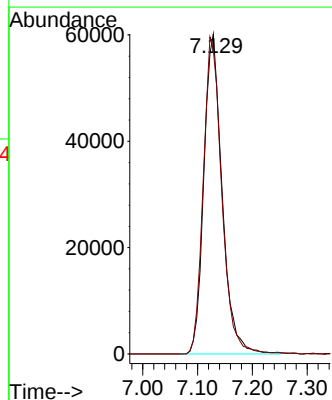
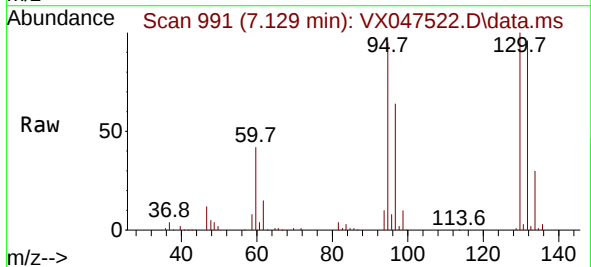
Manual Integrations
APPROVED

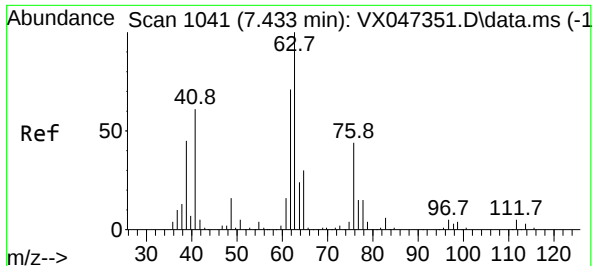
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#44
Trichloroethene
Concen: 49.822 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Tgt Ion:130 Resp: 139090
Ion Ratio Lower Upper
130 100
95 95.1 0.0 198.6





#45

1,2-Dichloropropane

Concen: 53.781 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 146898

Ion Ratio Lower Upper

63 100

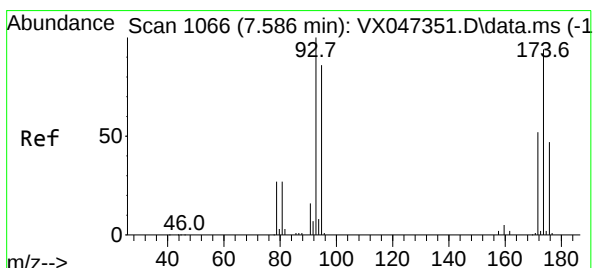
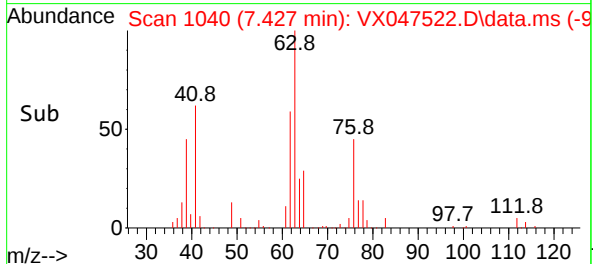
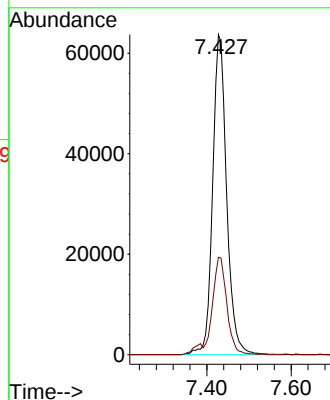
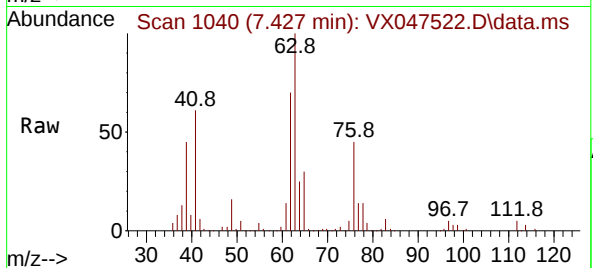
65 30.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#46

Dibromomethane

Concen: 53.310 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

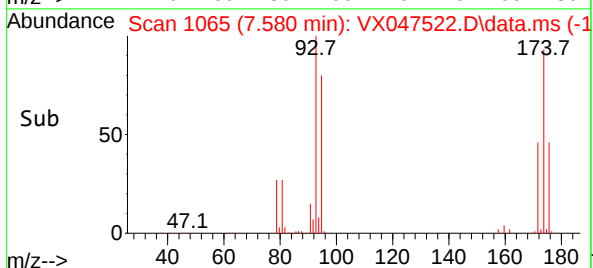
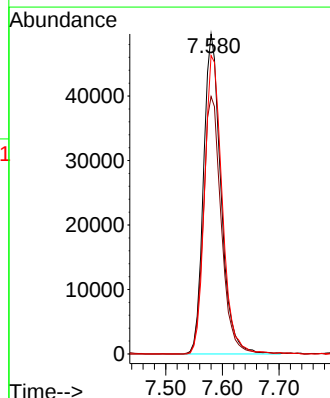
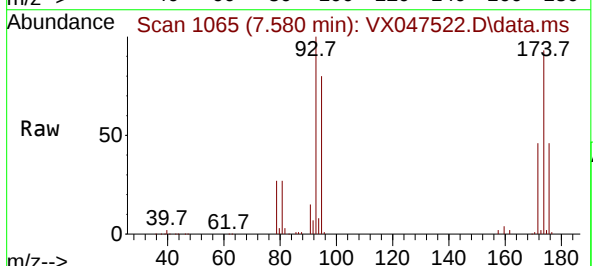
Tgt Ion: 93 Resp: 105714

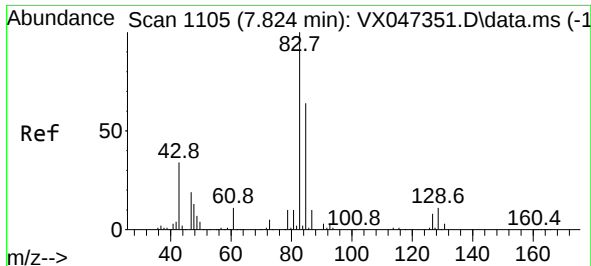
Ion Ratio Lower Upper

93 100

95 82.4 68.0 102.0

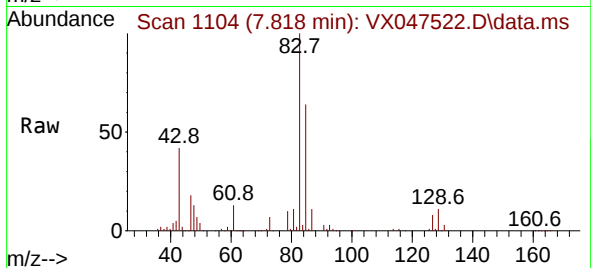
174 94.4 75.8 113.6





#47
Bromodichloromethane
Concen: 53.888 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

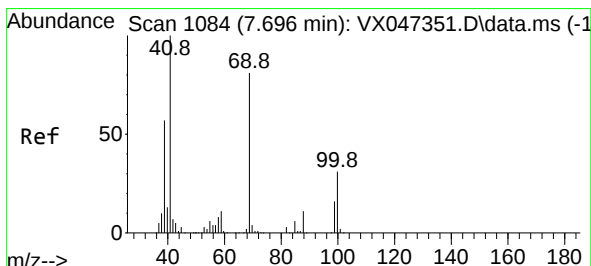
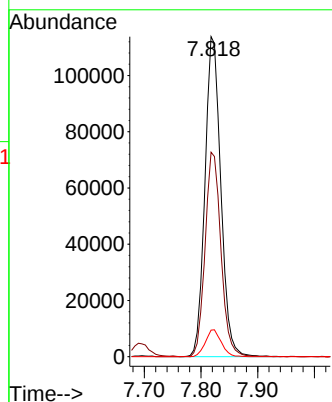
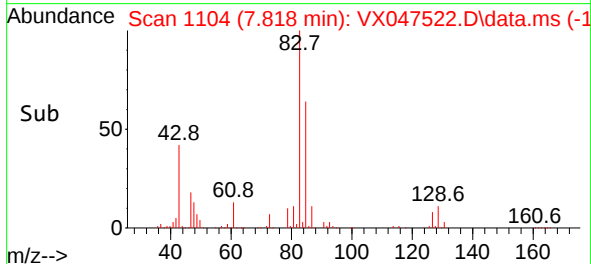
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 221530
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.6
127 8.3 7.0 10.4

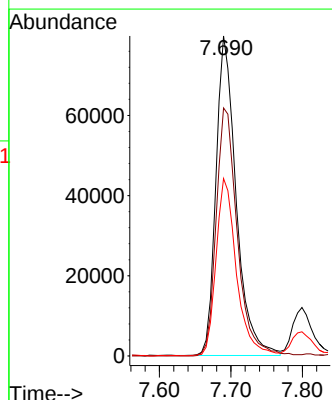
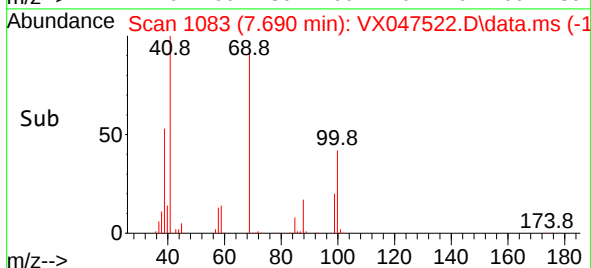
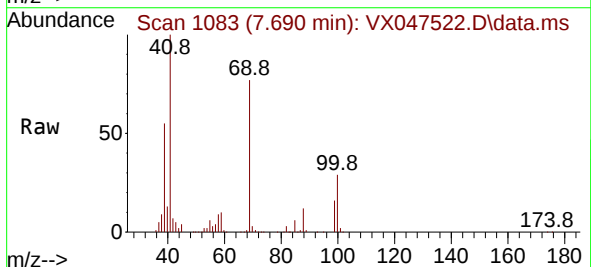
Manual Integrations
APPROVED

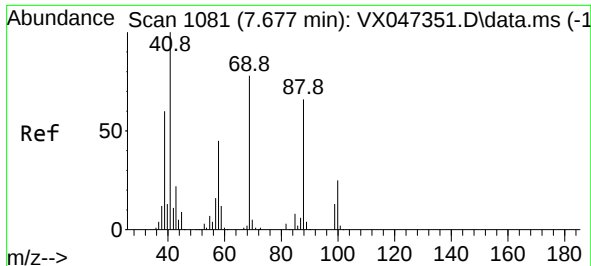
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#48
Methyl methacrylate
Concen: 55.568 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Tgt Ion: 41 Resp: 156693
Ion Ratio Lower Upper
41 100
69 81.2 65.0 97.4
39 55.9 45.7 68.5





#49

1,4-Dioxane

Concen: 1410.590 ug/l

RT: 7.671 min Scan# 110

Delta R.T. -0.006 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3866

Ion Ratio Lower Upper

88 100

43 36.8 32.4 48.6

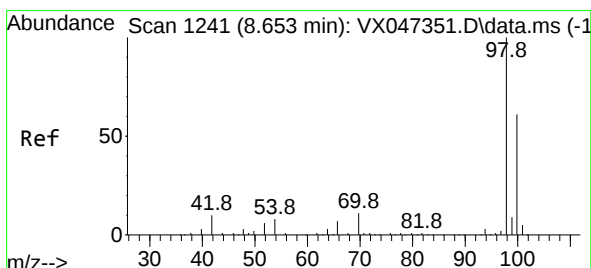
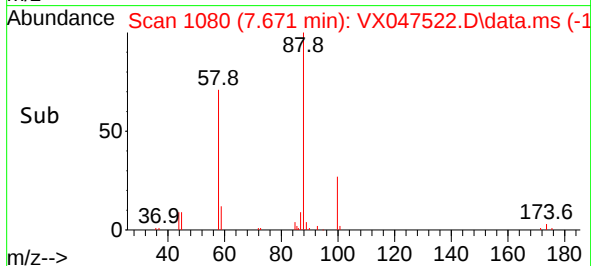
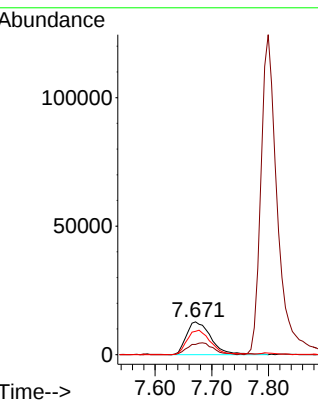
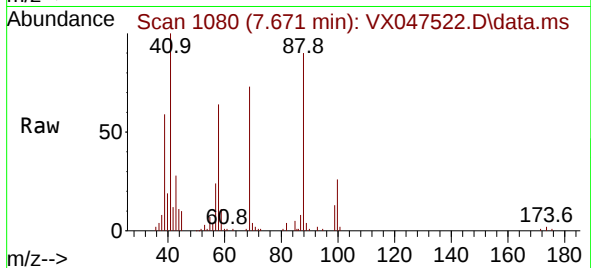
58 71.9 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#50

Toluene-d8

Concen: 50.955 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047522.D

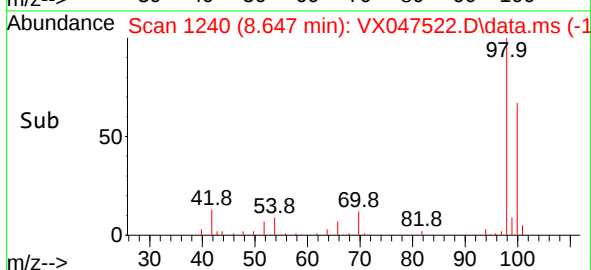
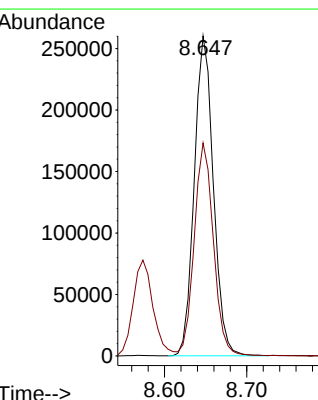
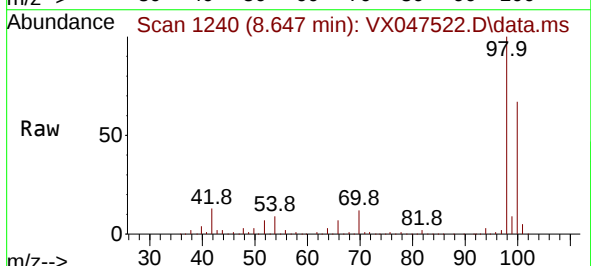
Acq: 26 Aug 2025 09:52

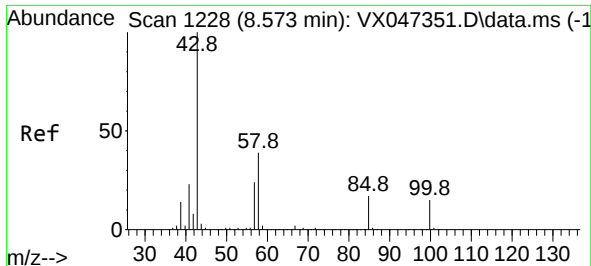
Tgt Ion: 98 Resp: 420260

Ion Ratio Lower Upper

98 100

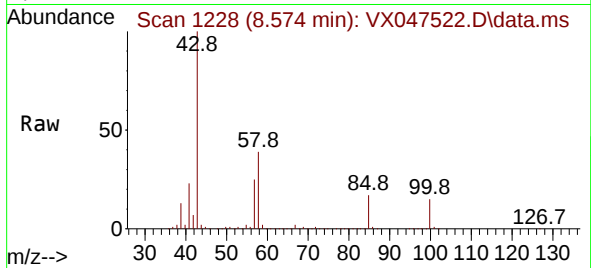
100 66.9 53.9 80.9





#51
4-Methyl-2-Pentanone
Concen: 286.608 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

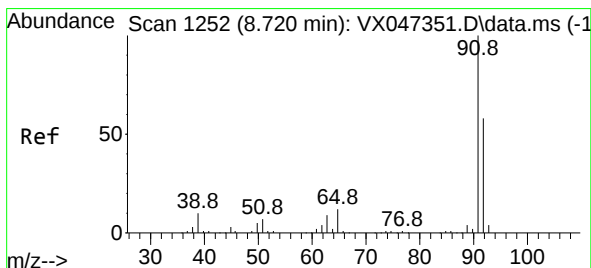
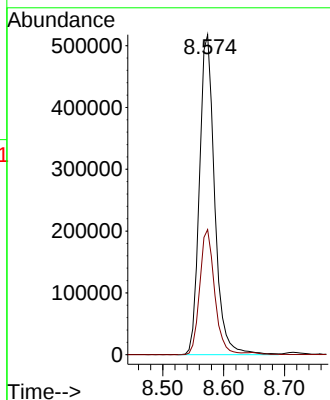
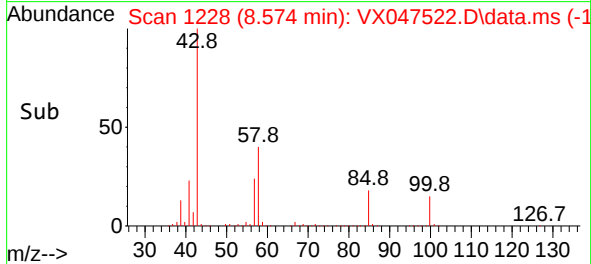
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 89600
Ion Ratio Lower Upper
43 100
58 38.3 31.2 46.8

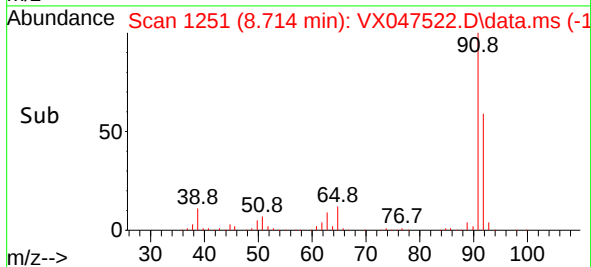
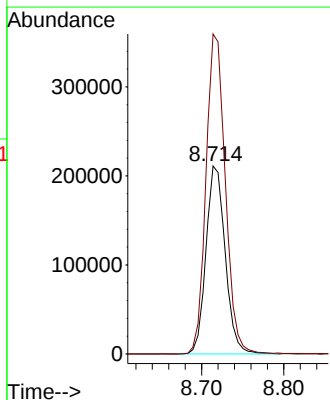
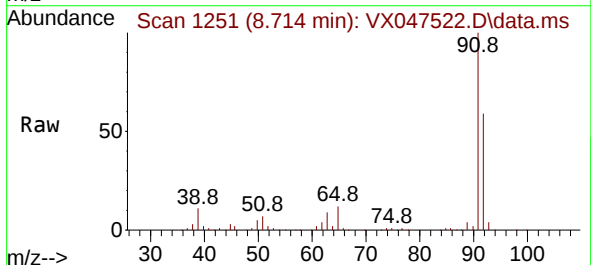
Manual Integrations
APPROVED

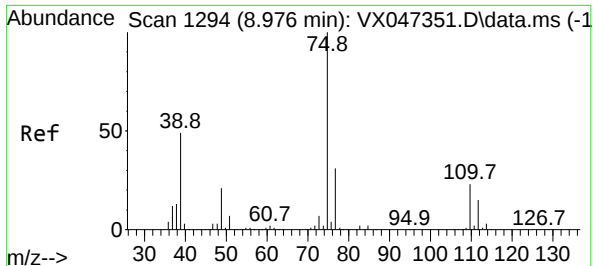
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#52
Toluene
Concen: 50.931 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

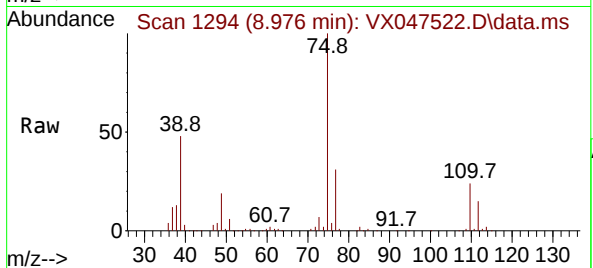
Tgt Ion: 92 Resp: 343133
Ion Ratio Lower Upper
92 100
91 171.6 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 57.274 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

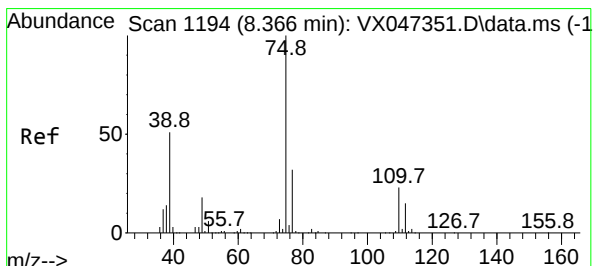
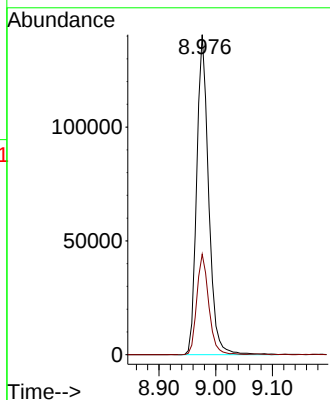
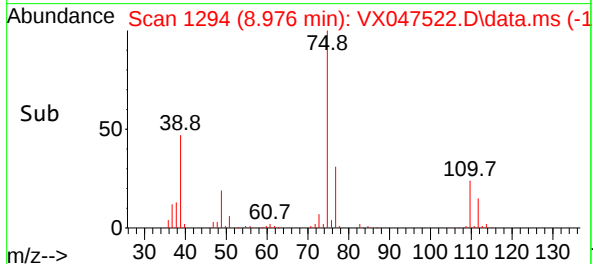
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



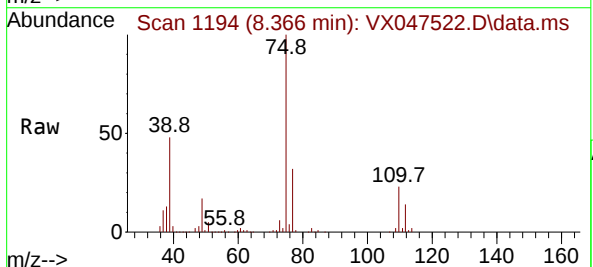
Tgt Ion: 75 Resp: 205492
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1

Manual Integrations
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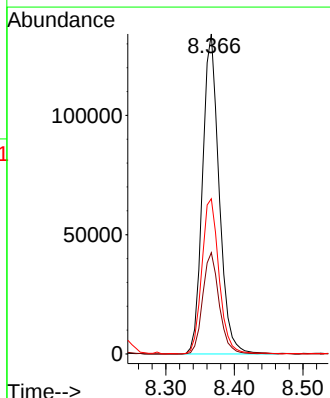
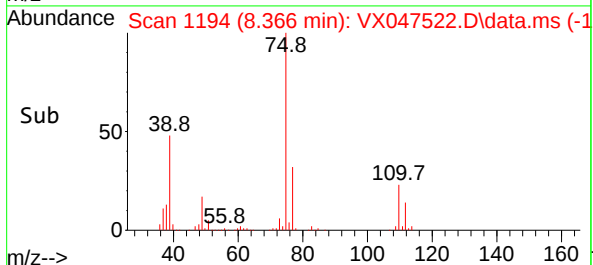
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

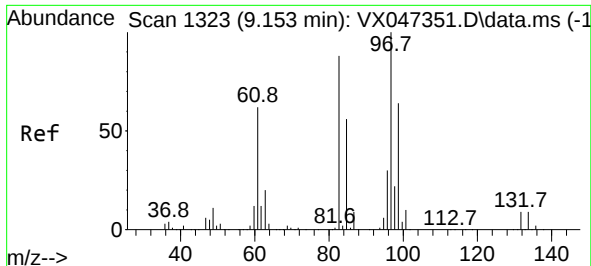


#54
cis-1,3-Dichloropropene
Concen: 55.771 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



Tgt Ion: 75 Resp: 226489
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 47.8 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 54.854 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 14031

Ion Ratio Lower Upper

97 100

83 84.1 70.6 106.0

85 55.3 44.7 67.1

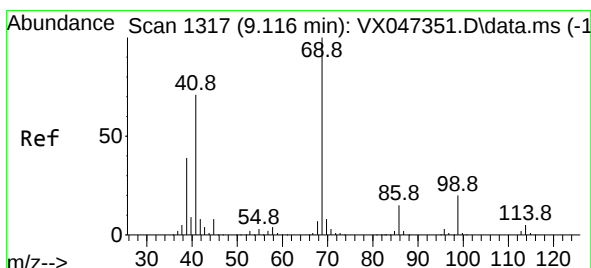
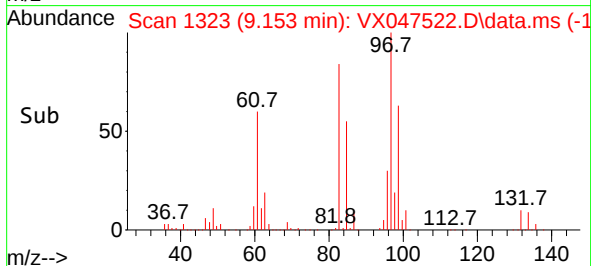
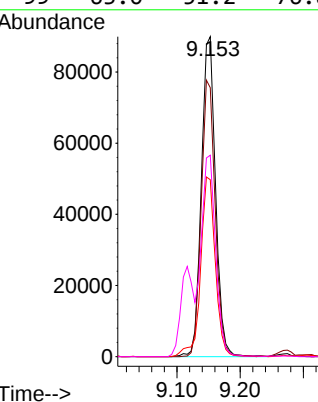
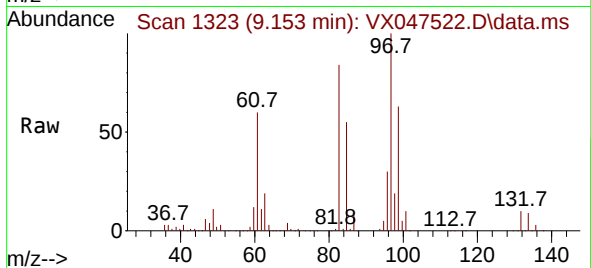
99 63.0 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#56

Ethyl methacrylate

Concen: 57.331 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

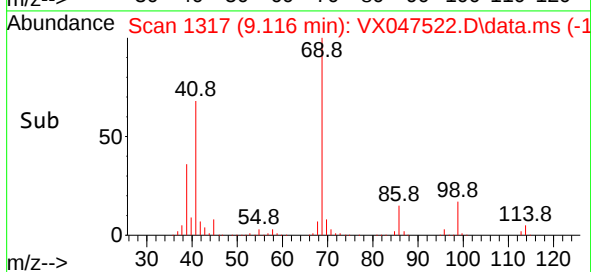
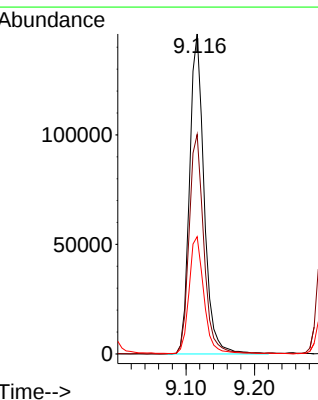
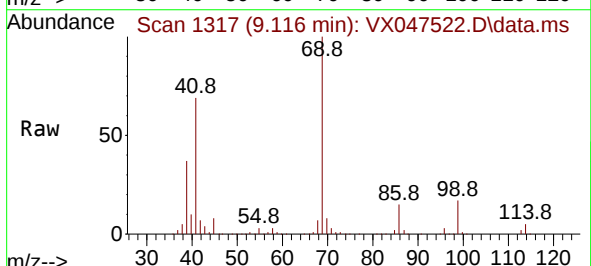
Tgt Ion: 69 Resp: 216215

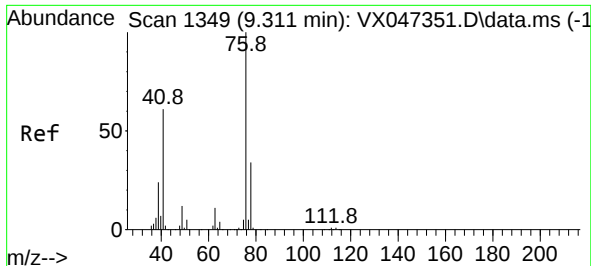
Ion Ratio Lower Upper

69 100

41 69.9 55.3 82.9

39 37.1 30.2 45.2





#57

1,3-Dichloropropane

Concen: 55.059 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 239990

Ion Ratio Lower Upper

76 100

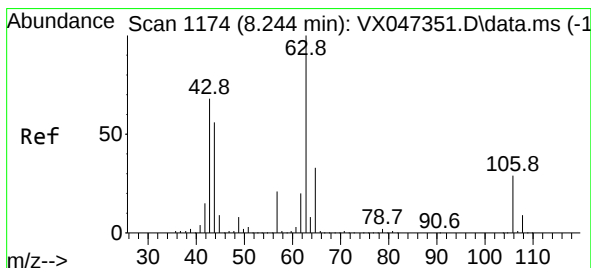
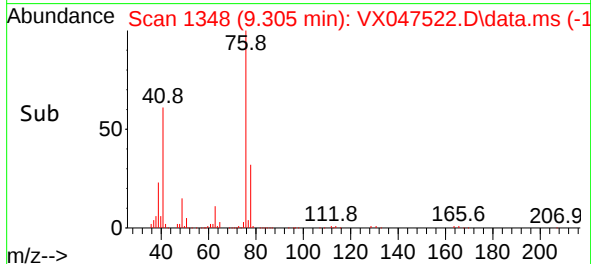
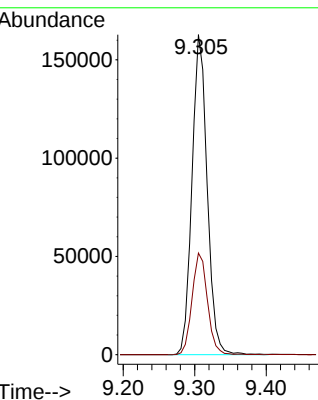
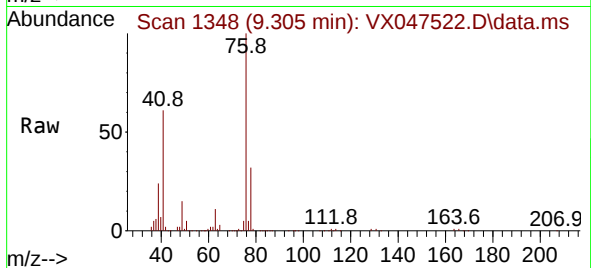
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 269.303 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047522.D

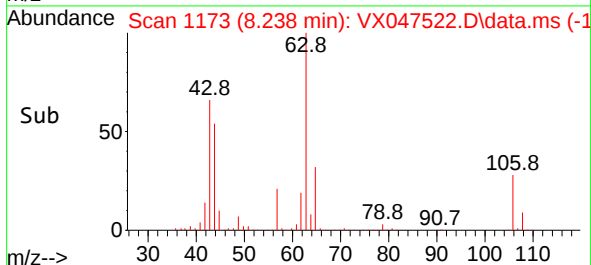
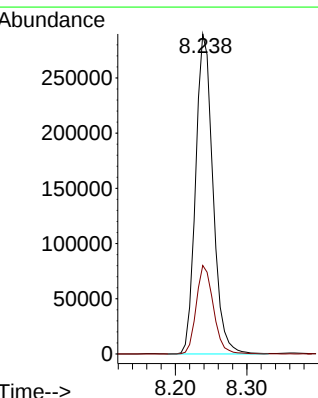
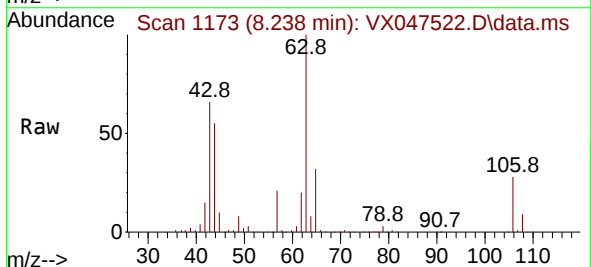
Acq: 26 Aug 2025 09:52

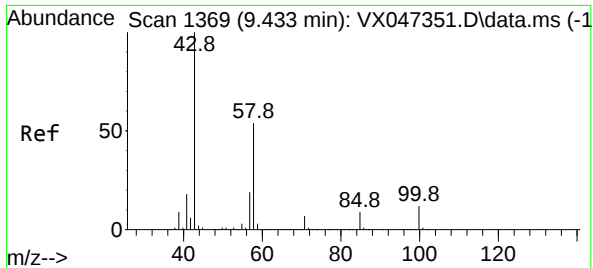
Tgt Ion: 63 Resp: 486181

Ion Ratio Lower Upper

63 100

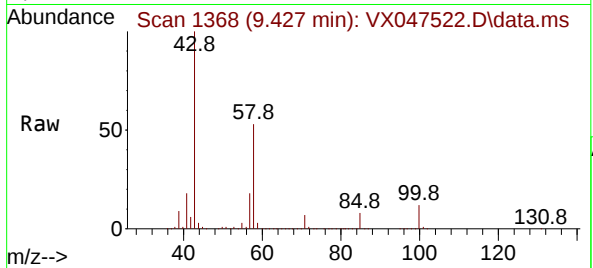
106 27.4 22.8 34.2





#59
2-Hexanone
Concen: 285.013 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

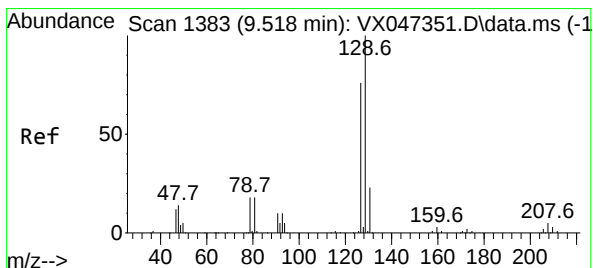
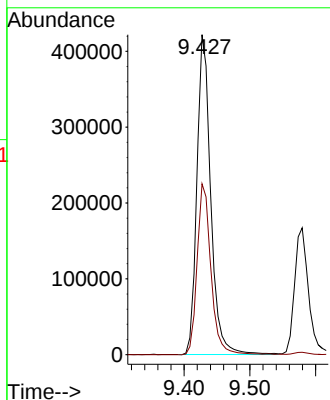
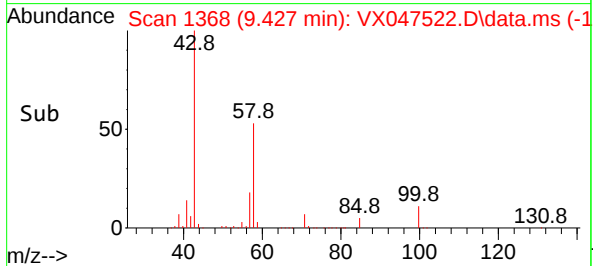
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 61633
Ion Ratio Lower Upper
43 100
58 53.6 26.9 80.7

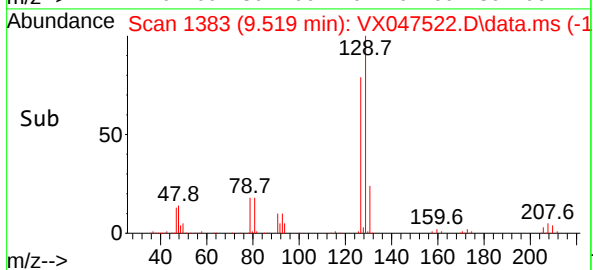
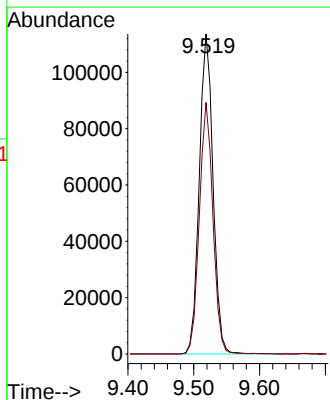
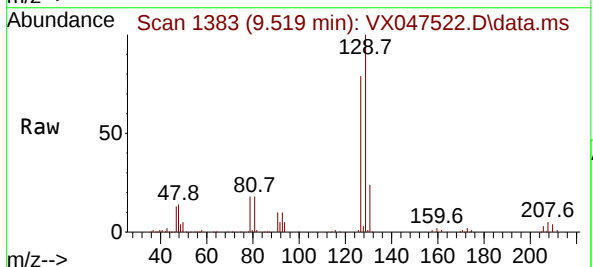
Manual Integrations
APPROVED

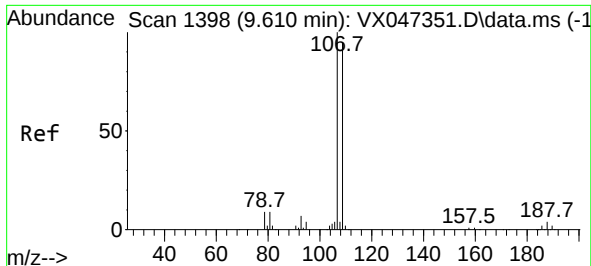
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#60
Dibromochloromethane
Concen: 54.311 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

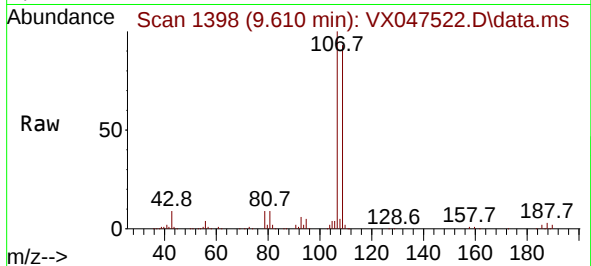
Tgt Ion:129 Resp: 165103
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





#61
1,2-Dibromoethane
Concen: 53.912 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

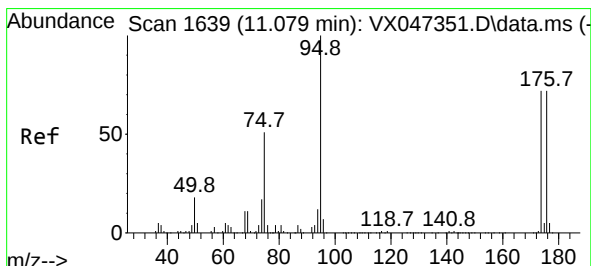
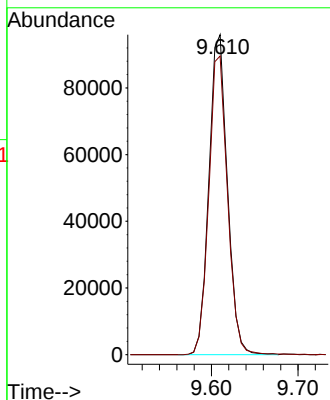
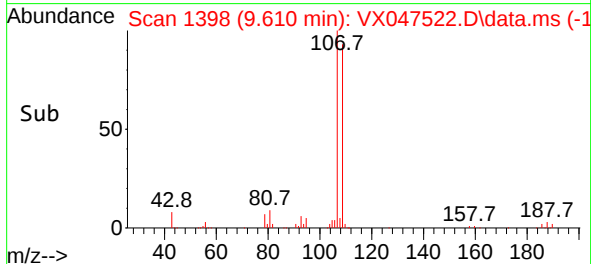
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



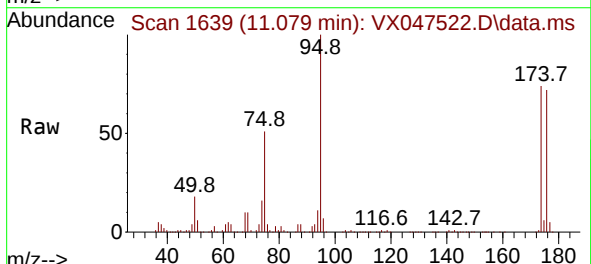
Tgt Ion:107 Resp: 142207
Ion Ratio Lower Upper
107 100
109 95.0 76.2 114.2

Manual Integrations
APPROVED

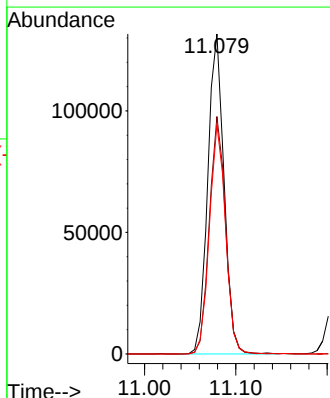
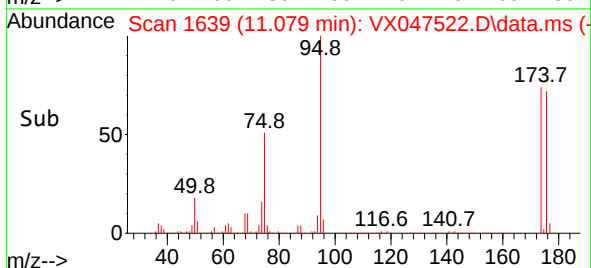
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

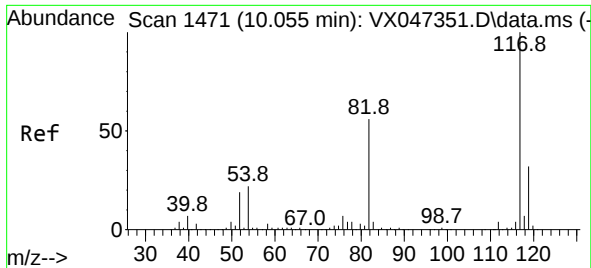


#62
4-Bromofluorobenzene
Concen: 53.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



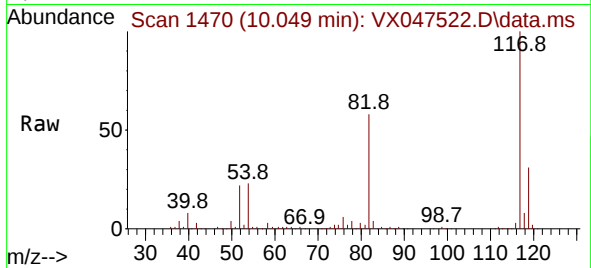
Tgt Ion: 95 Resp: 161907
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.0
176 71.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

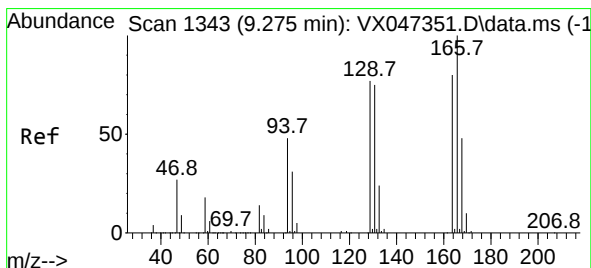
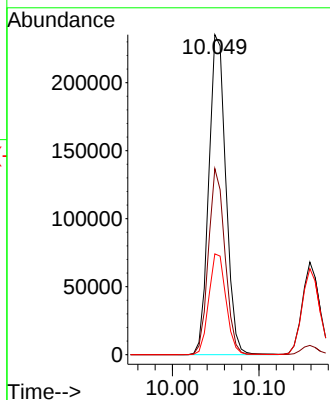
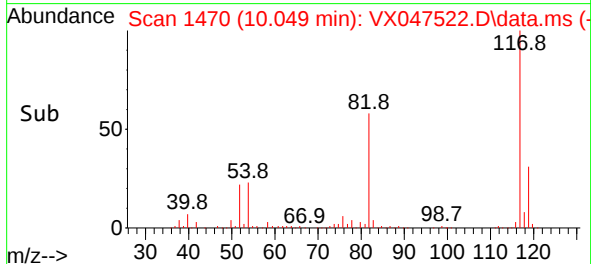
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 32146
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 31.5 25.8 38.8

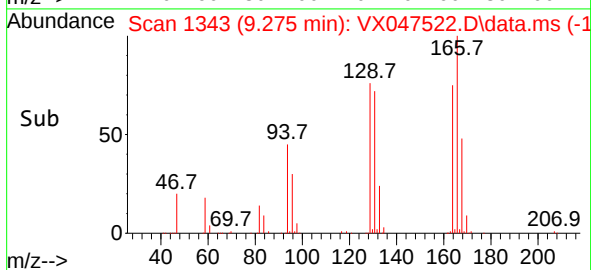
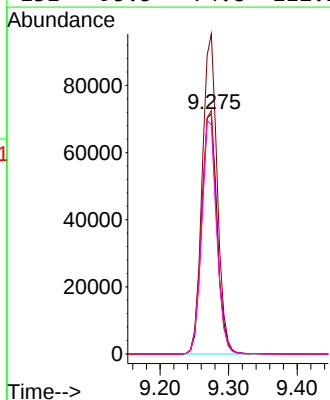
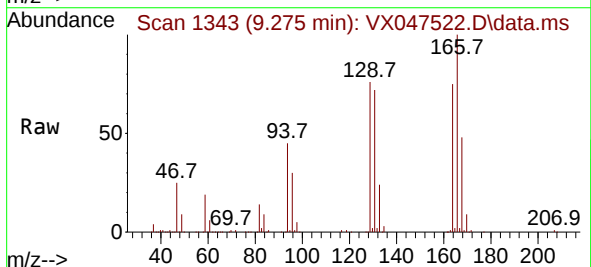
Manual Integrations
APPROVED

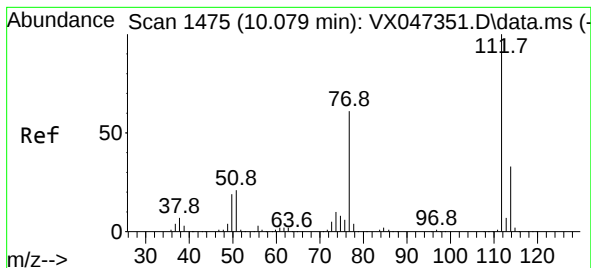
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#64
Tetrachloroethene
Concen: 47.999 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

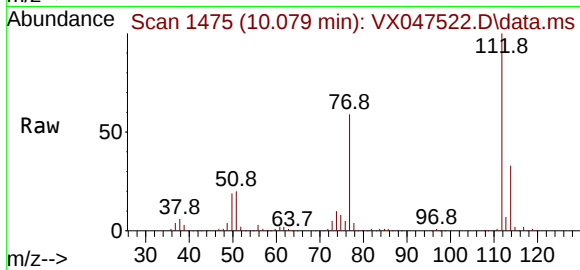
Tgt Ion:164 Resp: 111607
Ion Ratio Lower Upper
164 100
166 133.2 100.3 150.5
129 101.4 77.7 116.5
131 95.5 74.8 112.2





#65
Chlorobenzene
Concen: 50.808 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

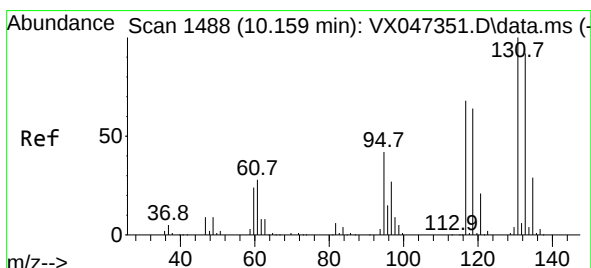
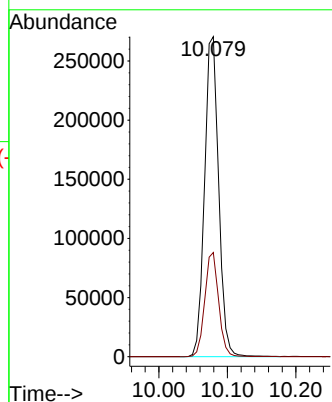
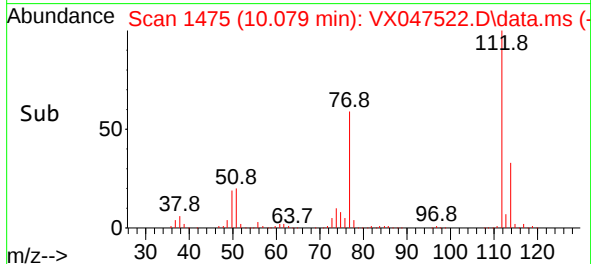
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



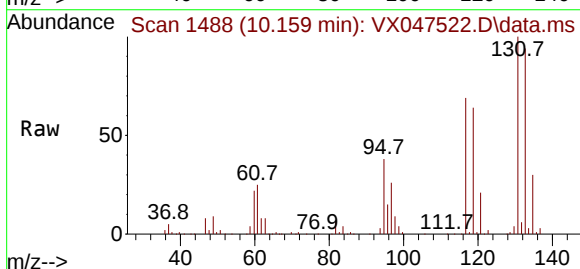
Tgt Ion:112 Resp: 388135
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6

Manual Integrations
APPROVED

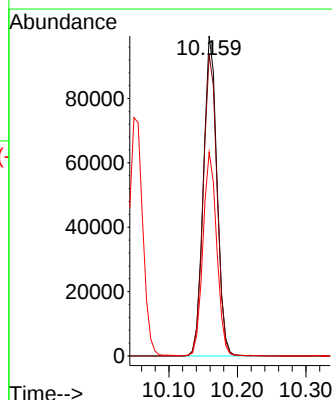
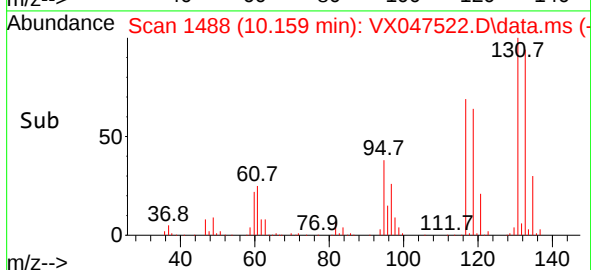
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

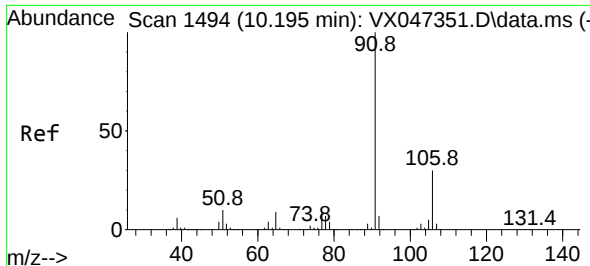


#66
1,1,1,2-Tetrachloroethane
Concen: 53.322 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



Tgt Ion:131 Resp: 137699
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 64.4 32.3 96.8





#67

Ethyl Benzene

Concen: 50.682 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 666375

Ion Ratio Lower Upper

91 100

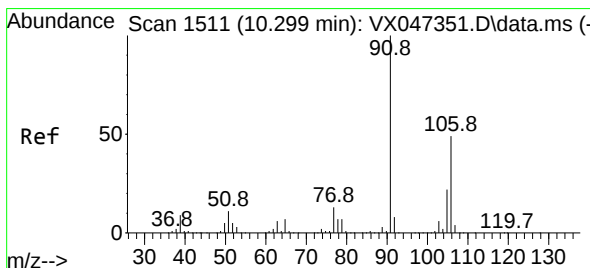
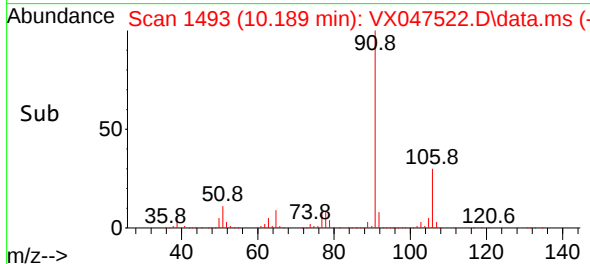
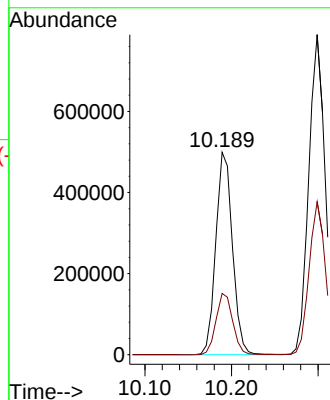
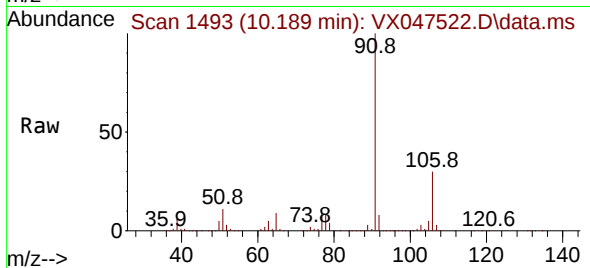
106 30.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#68

m/p-Xylenes

Concen: 101.855 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047522.D

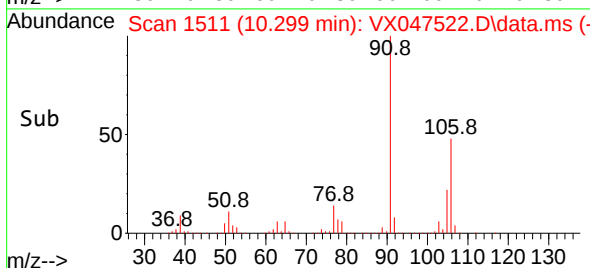
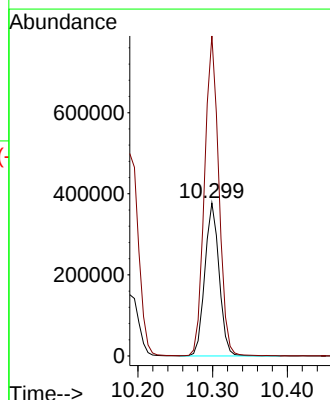
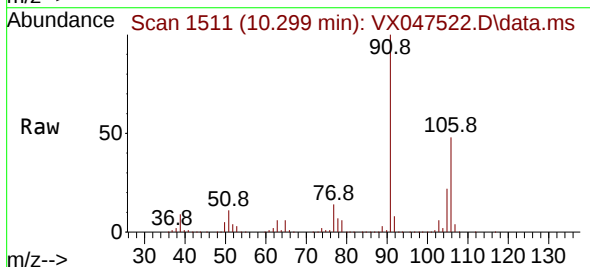
Acq: 26 Aug 2025 09:52

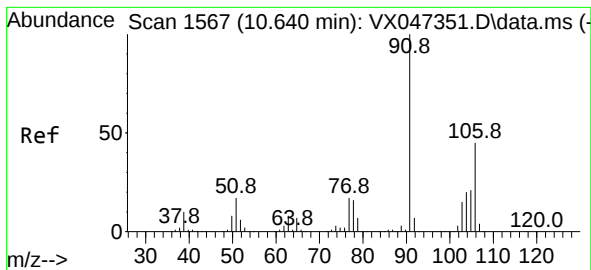
Tgt Ion:106 Resp: 499359

Ion Ratio Lower Upper

106 100

91 209.7 164.7 247.1





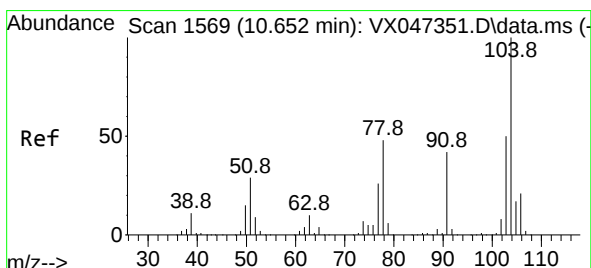
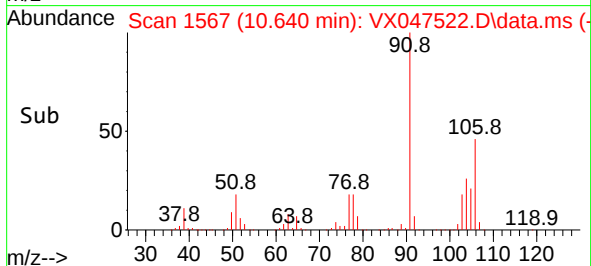
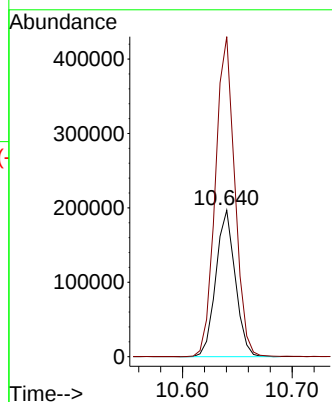
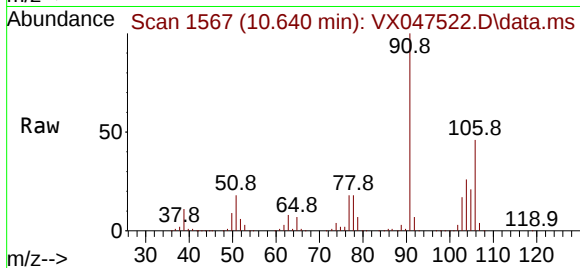
#69
o-Xylene
Concen: 51.464 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 242809
Ion Ratio Lower Upper
106 100
91 218.9 110.6 331.8

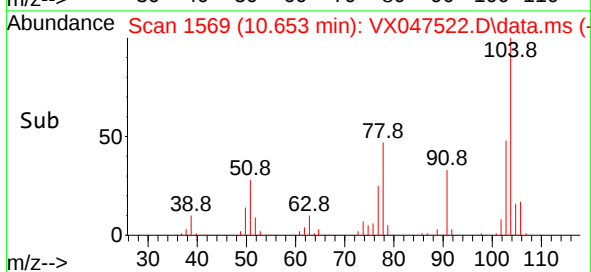
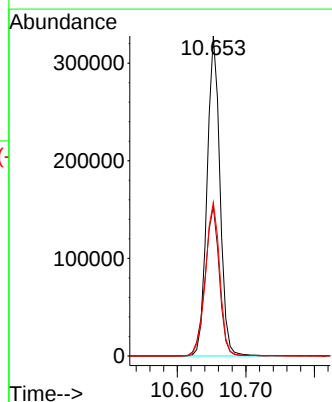
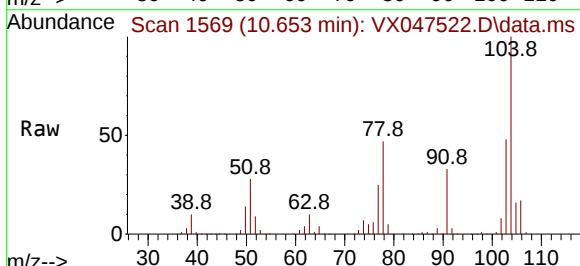
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#70
Styrene
Concen: 53.909 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Tgt Ion:104 Resp: 429753
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 53.2 43.6 65.4





#71

Bromoform

Concen: 55.965 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 108574

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

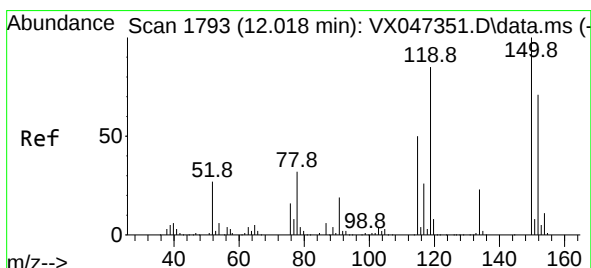
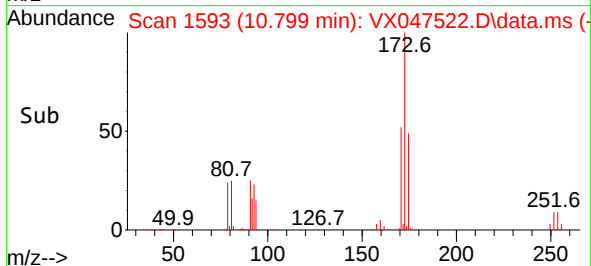
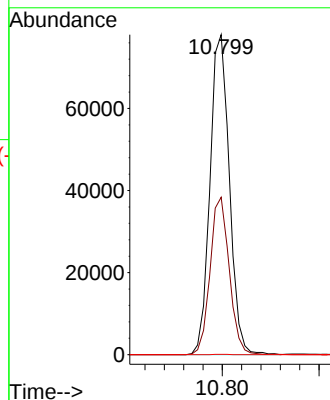
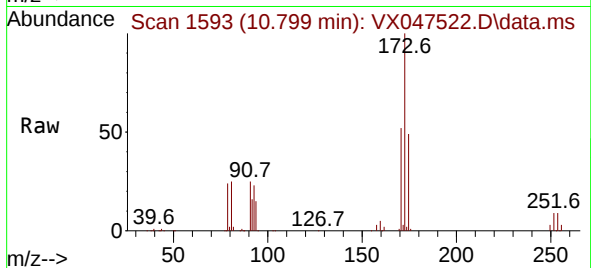
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

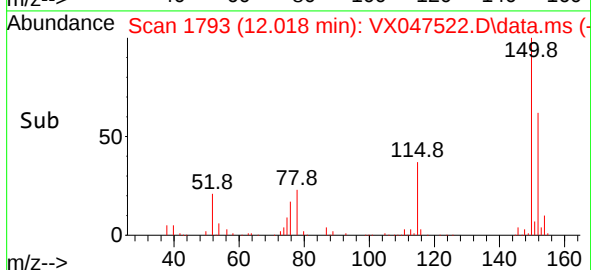
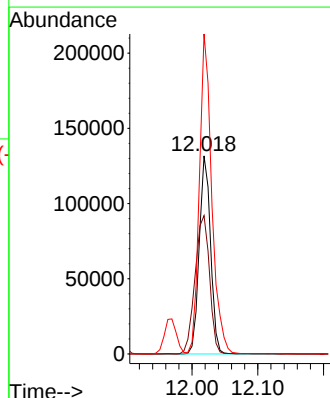
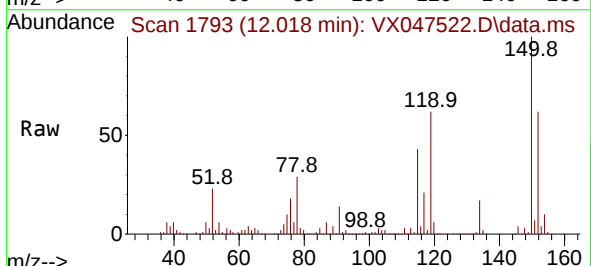
Tgt Ion:152 Resp: 157831

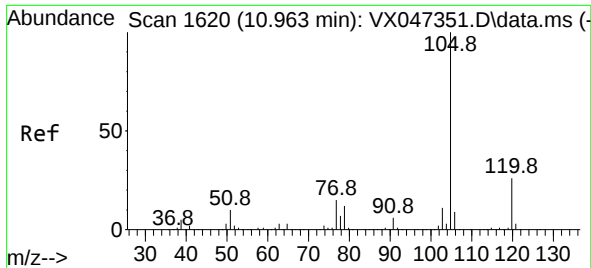
Ion Ratio Lower Upper

152 100

115 89.5 44.6 133.8

150 176.2 0.0 349.8





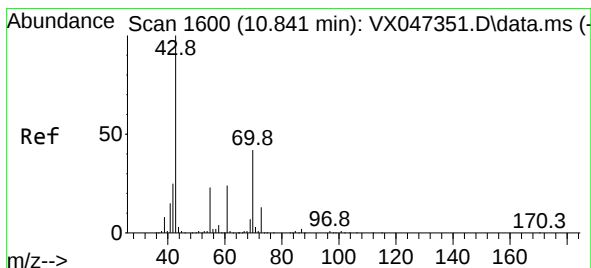
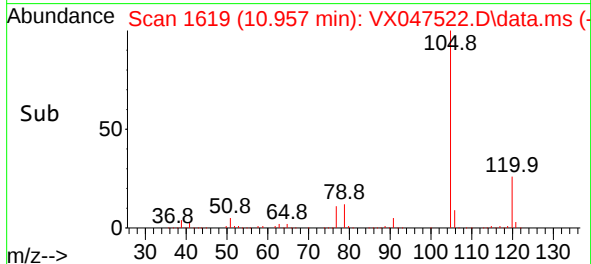
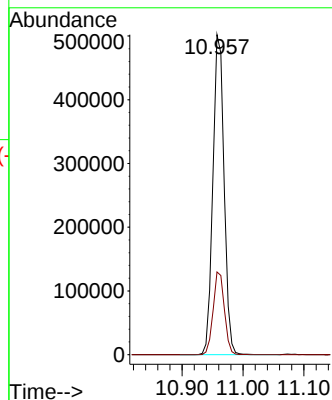
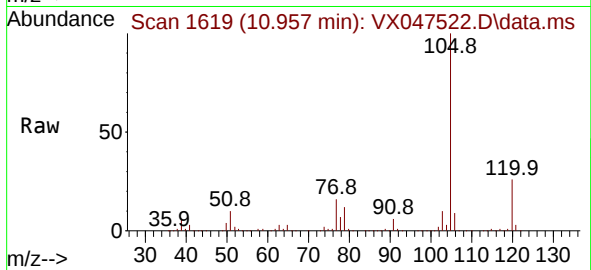
#73
Isopropylbenzene
Concen: 51.731 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 63892
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

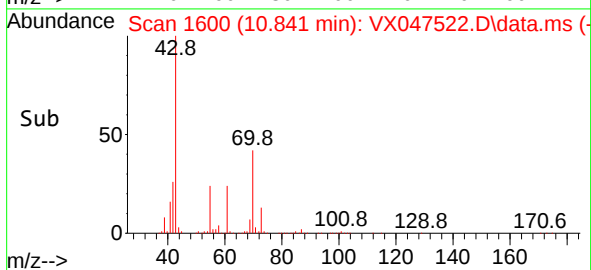
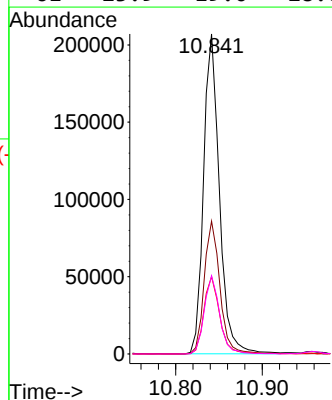
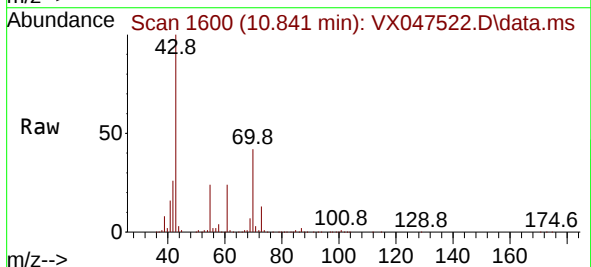
Manual Integrations
APPROVED

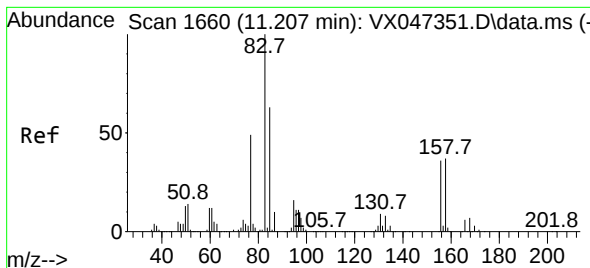
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#74
N-ethyl acetate
Concen: 56.022 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

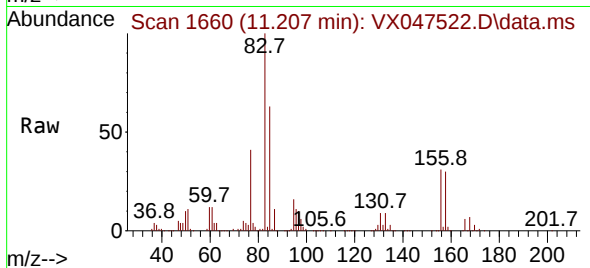
Tgt Ion: 43 Resp: 262752
Ion Ratio Lower Upper
43 100
70 41.5 33.1 49.7
55 24.4 19.0 28.6
61 23.9 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 54.920 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

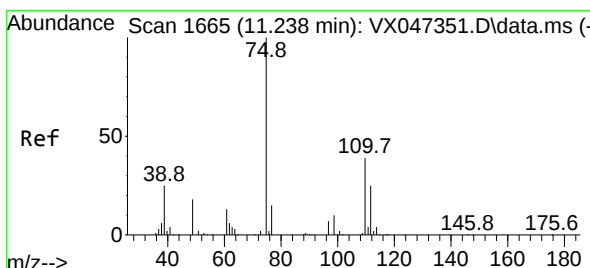
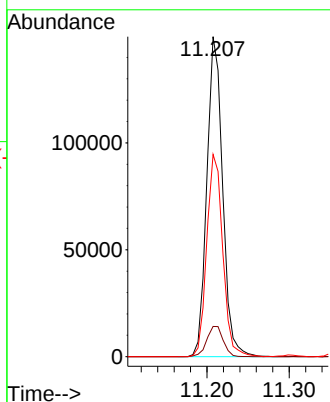
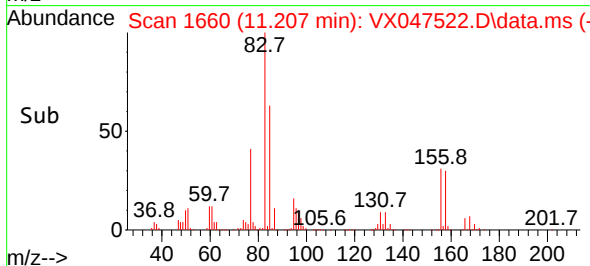
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 199150
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.2 31.7 95.1

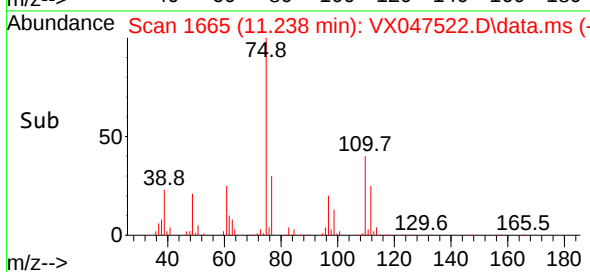
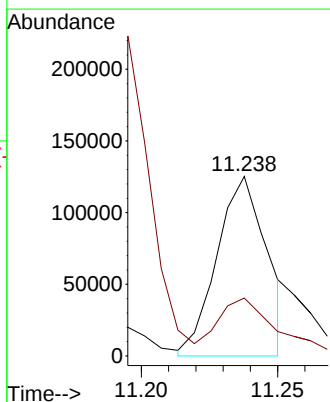
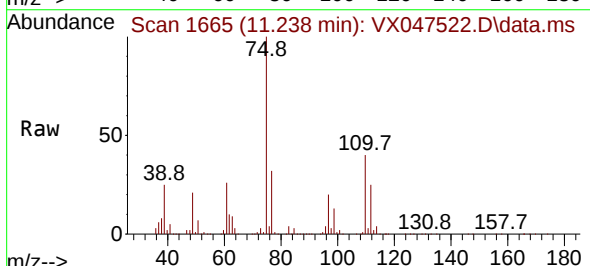
Manual Integrations
APPROVED

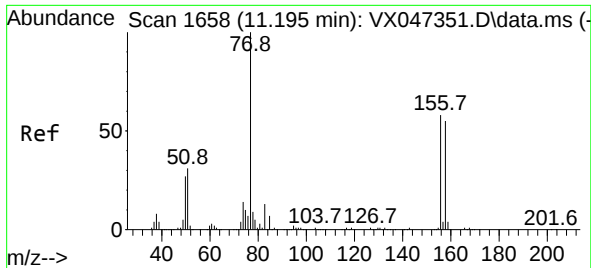
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#76
1,2,3-Trichloropropane
Concen: 55.100 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

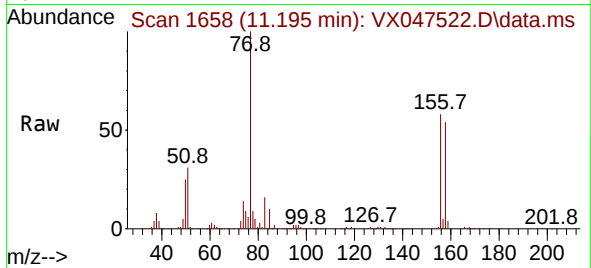
Tgt Ion: 75 Resp: 159503
Ion Ratio Lower Upper
75 100
77 38.8 19.4 58.2





#77
Bromobenzene
Concen: 52.677 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

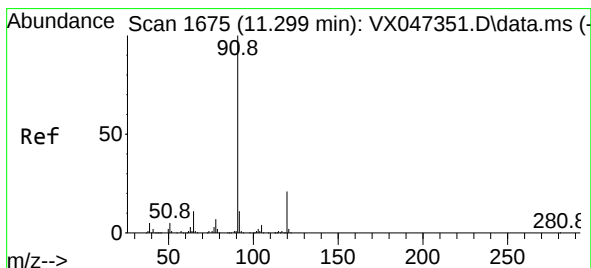
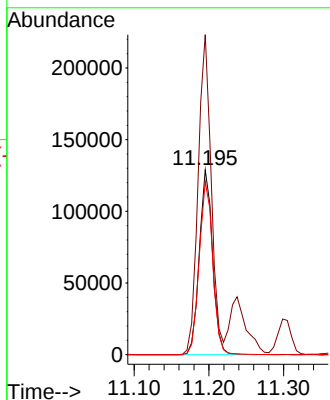
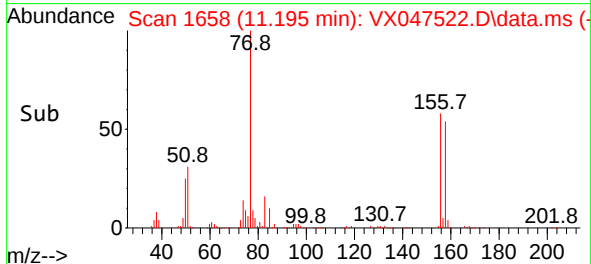
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



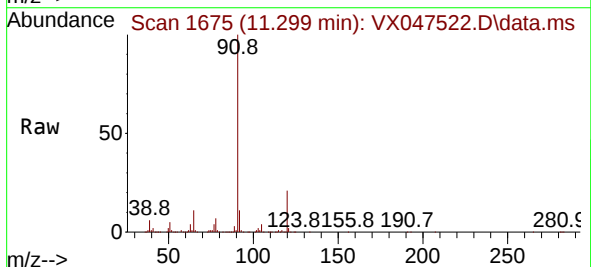
Tgt Ion: 156 Resp: 158874
Ion Ratio Lower Upper
156 100
77 171.5 86.3 258.9
158 95.6 48.0 144.2

Manual Integrations
APPROVED

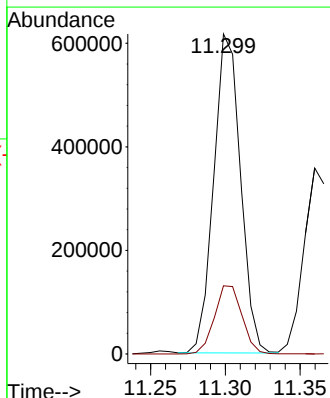
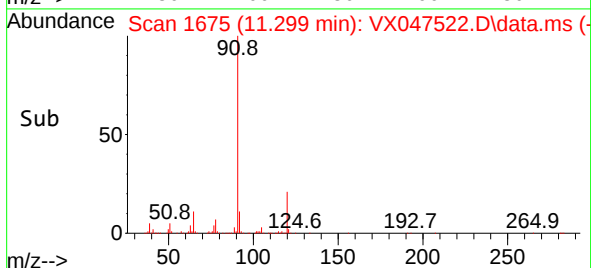
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

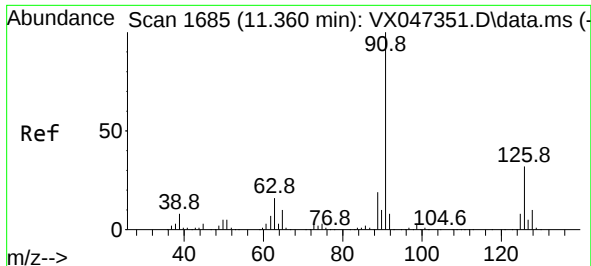


#78
n-propylbenzene
Concen: 52.031 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



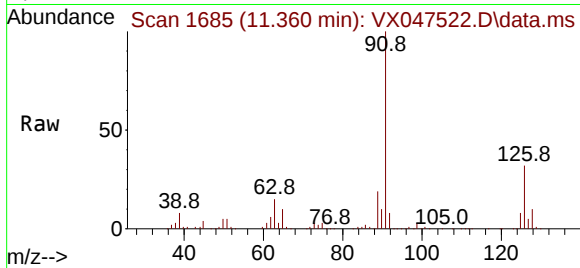
Tgt Ion: 91 Resp: 767505
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79
2-Chlorotoluene
Concen: 50.867 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

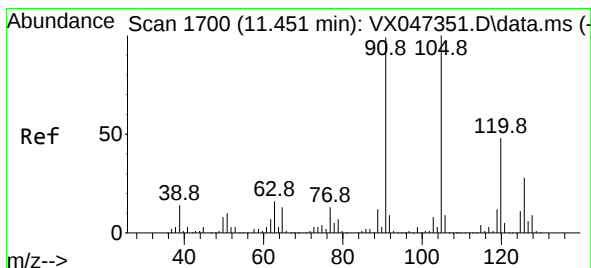
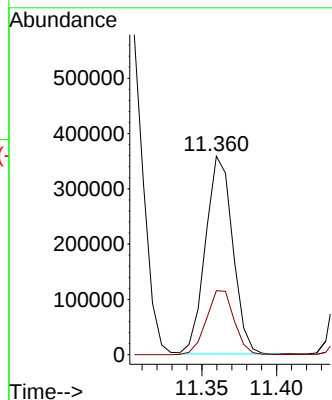
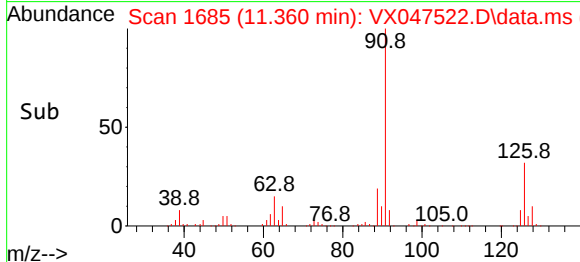
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



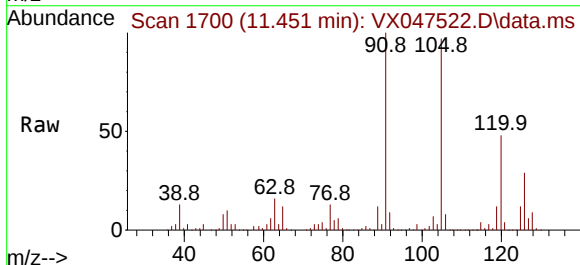
Tgt Ion: 91 Resp: 453584
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.1

Manual Integrations
APPROVED

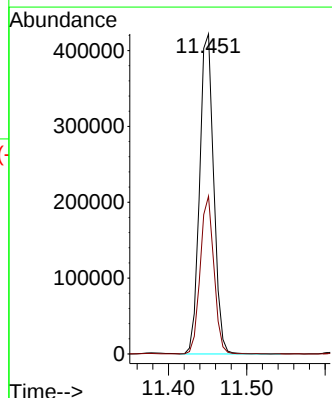
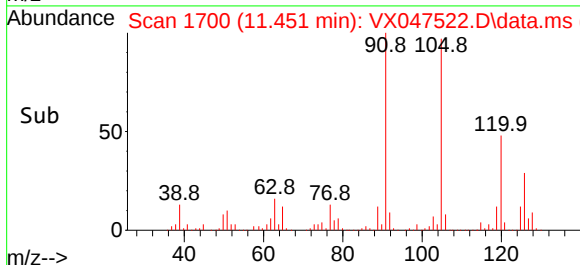
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.038 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



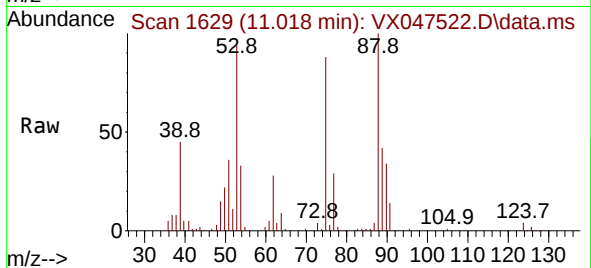
Tgt Ion:105 Resp: 528829
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.625 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

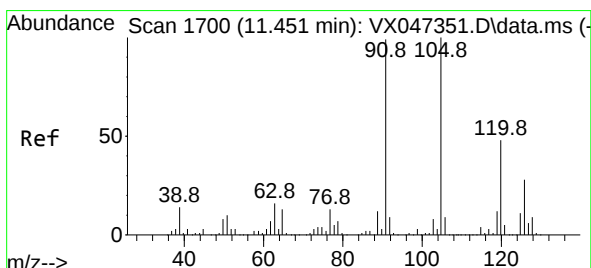
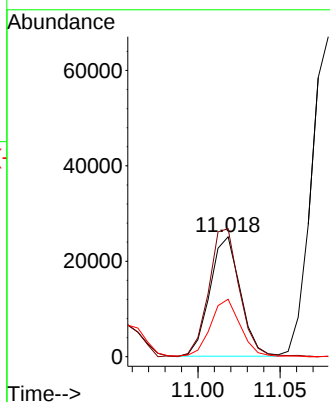
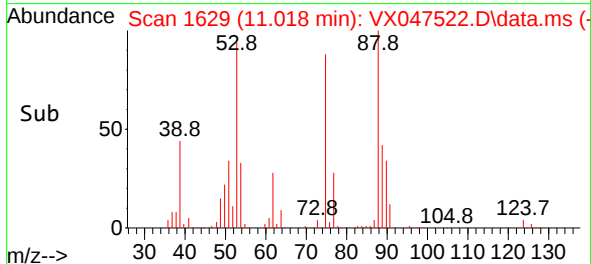
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



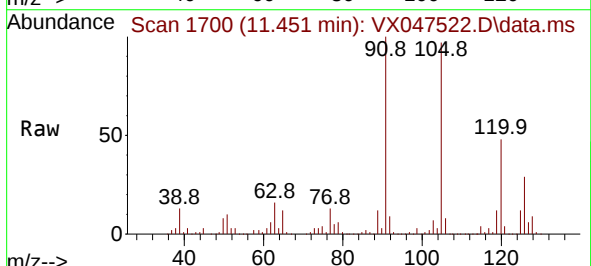
Tgt Ion: 75 Resp: 3221
Ion Ratio Lower Upper
75 100
53 108.3 85.2 127.8
89 47.4 36.7 55.1

Manual Integrations
APPROVED

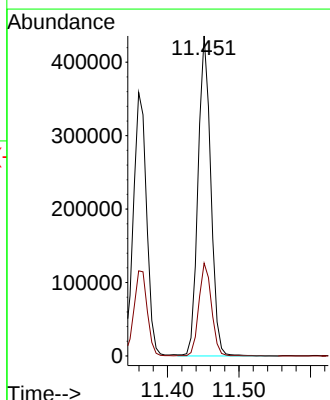
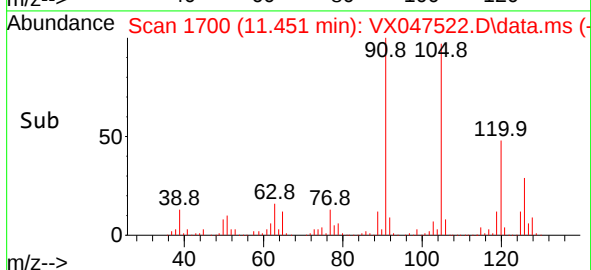
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

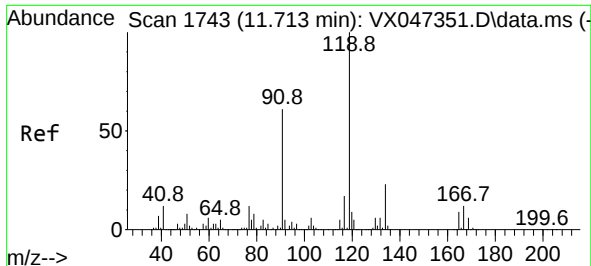


#82
4-Chlorotoluene
Concen: 51.212 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



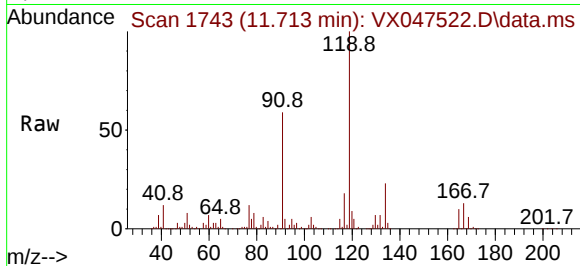
Tgt Ion: 91 Resp: 538306
Ion Ratio Lower Upper
91 100
126 28.6 14.4 43.0





#83
tert-Butylbenzene
Concen: 52.981 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

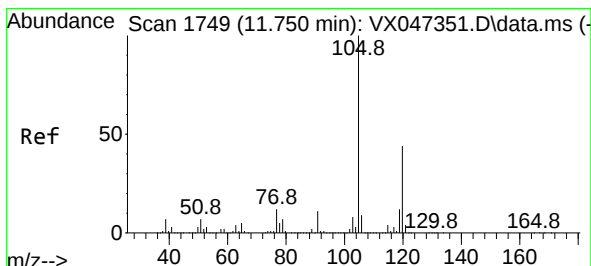
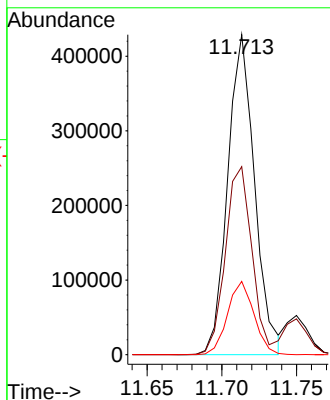
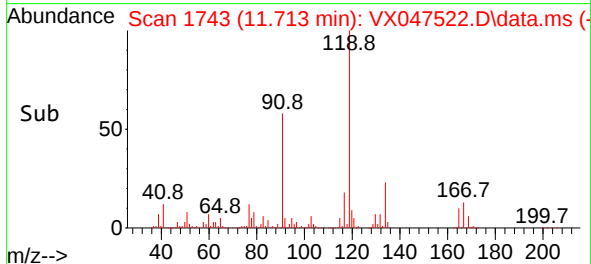
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



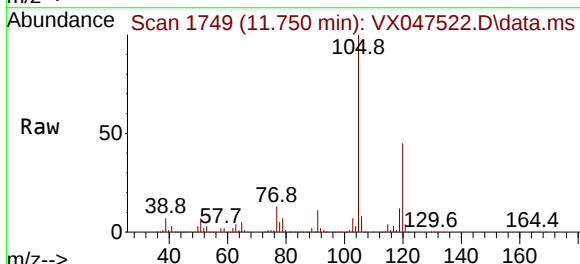
Tgt Ion:119 Resp: 537150
Ion Ratio Lower Upper
119 100
91 57.7 29.1 87.4
134 22.5 11.3 33.9

Manual Integrations
APPROVED

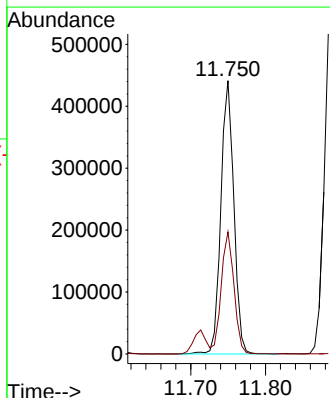
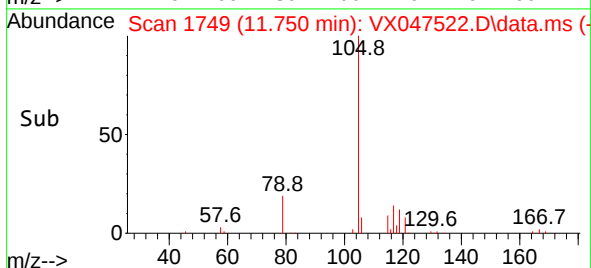
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

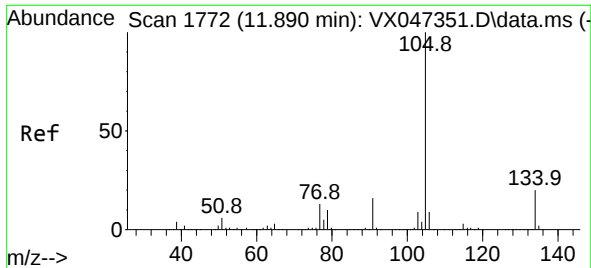


#84
1,2,4-Trimethylbenzene
Concen: 52.564 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



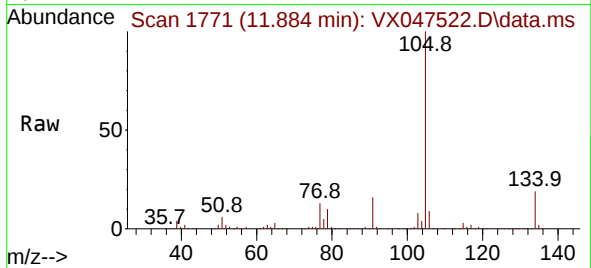
Tgt Ion:105 Resp: 534183
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 52.695 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX047522.D
 Acq: 26 Aug 2025 09:52

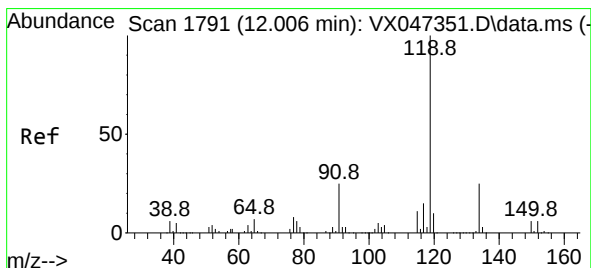
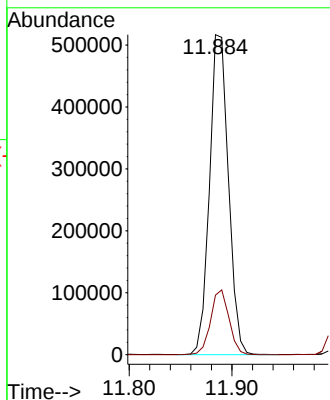
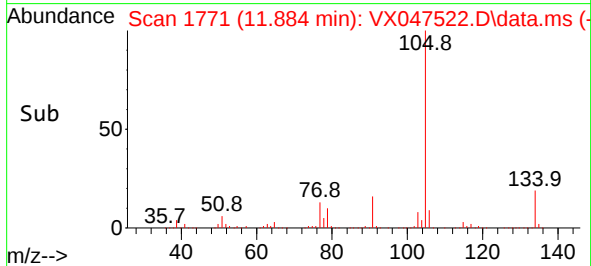
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 66219
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

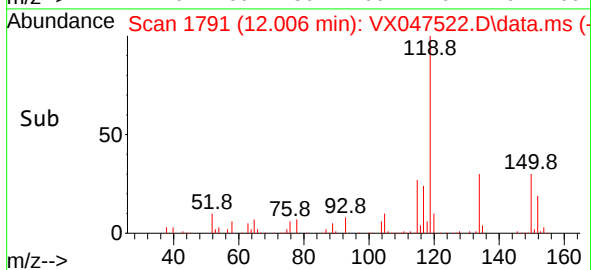
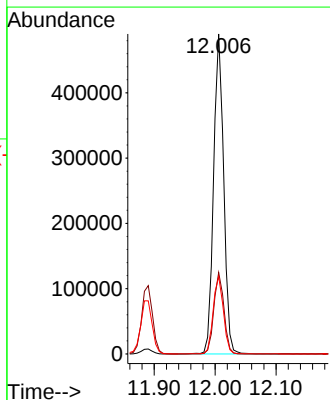
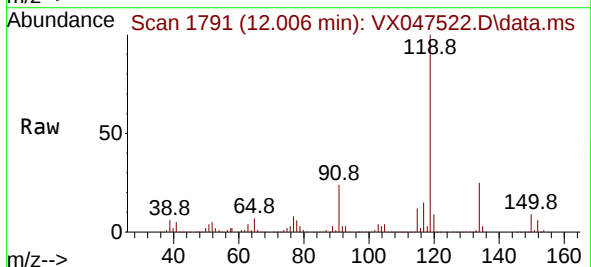
Manual Integrations
 APPROVED

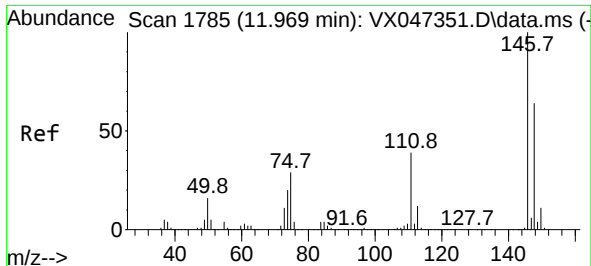
Reviewed By :John Carlone 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025



#86
 p-Isopropyltoluene
 Concen: 52.848 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047522.D
 Acq: 26 Aug 2025 09:52

Tgt Ion:119 Resp: 561974
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.610 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

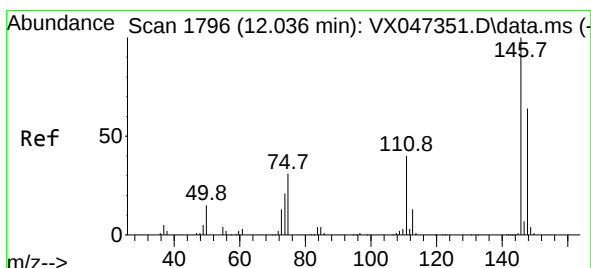
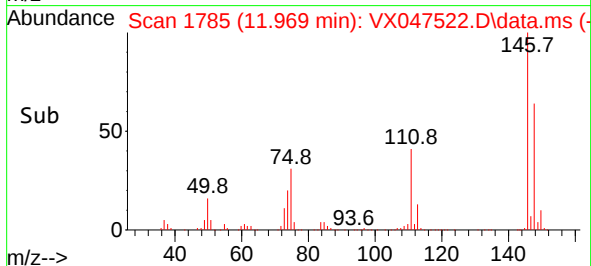
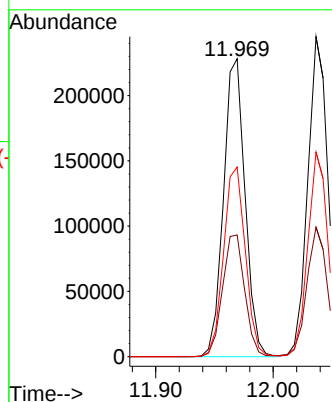
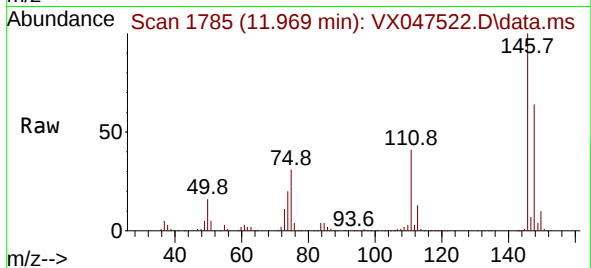
Tgt Ion:146 Resp: 291599
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.6 61.8
 148 64.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#88

1,4-Dichlorobenzene

Concen: 49.849 ug/l

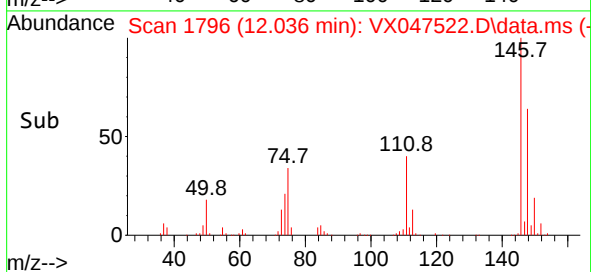
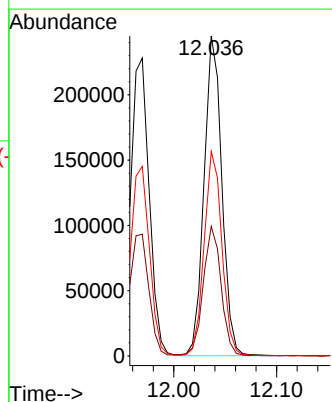
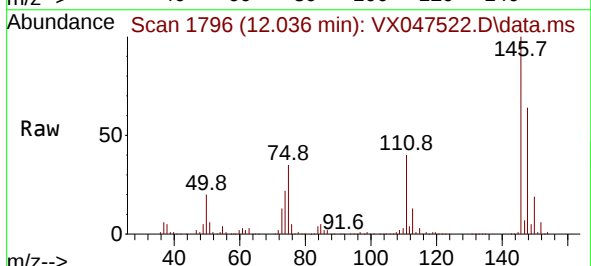
RT: 12.036 min Scan# 1796

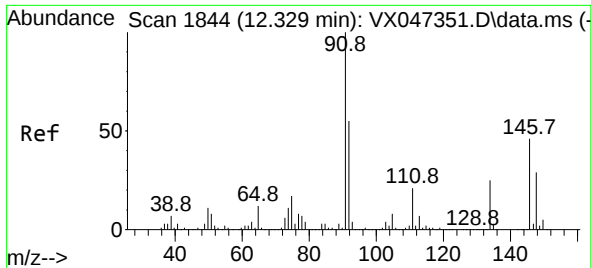
Delta R.T. 0.000 min

Lab File: VX047522.D

Acq: 26 Aug 2025 09:52

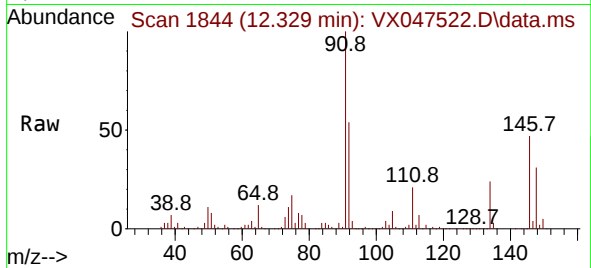
Tgt Ion:146 Resp: 295407
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.2
 148 64.1 31.7 95.1





#89
n-Butylbenzene
Concen: 53.323 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

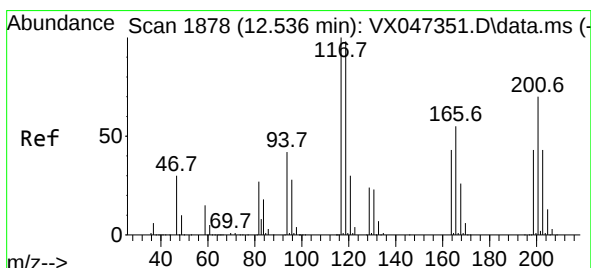
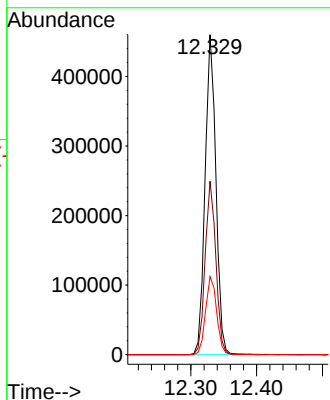
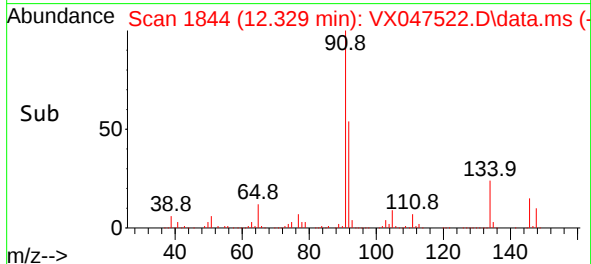
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 52740
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.5
134 25.0 12.6 37.8

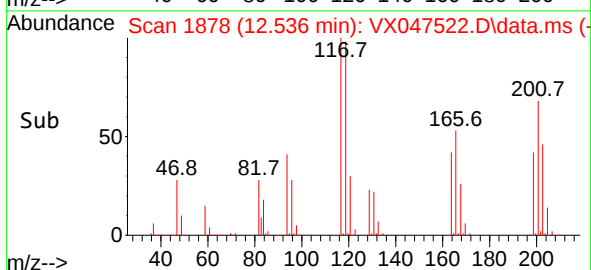
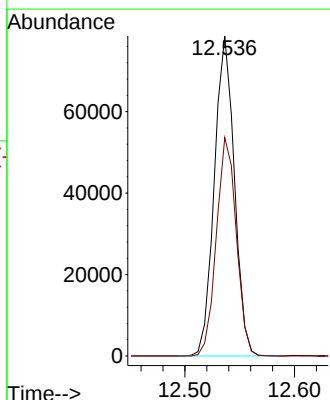
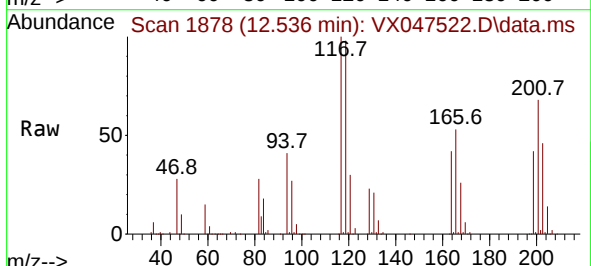
Manual Integrations
APPROVED

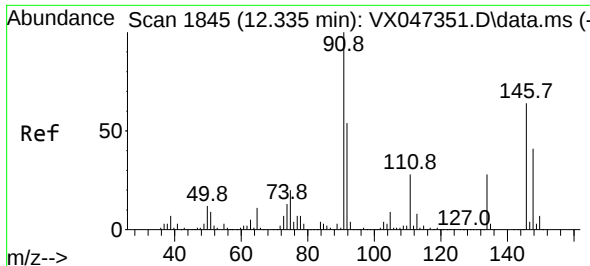
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#90
Hexachloroethane
Concen: 53.497 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

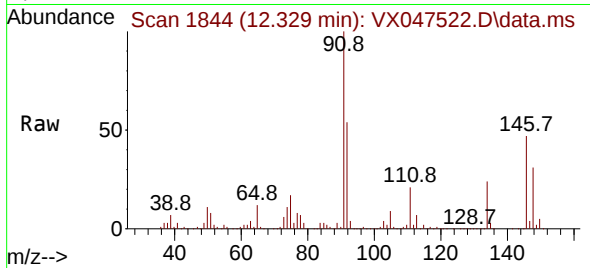
Tgt Ion:117 Resp: 99799
Ion Ratio Lower Upper
117 100
201 68.0 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 51.993 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

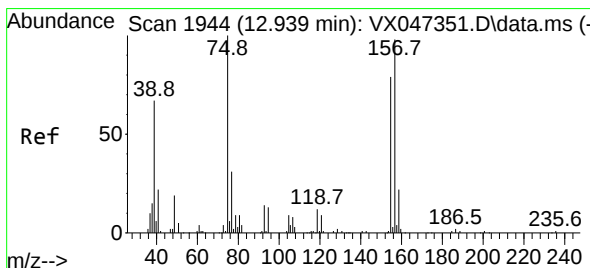
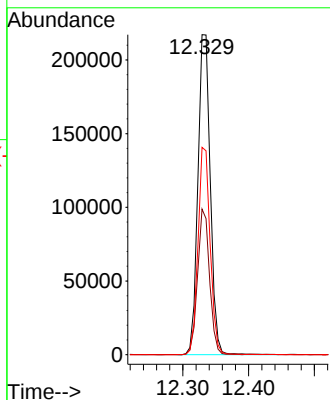
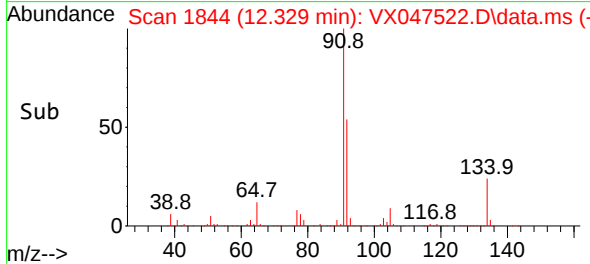
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 28434
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.1
148 63.7 31.9 95.5

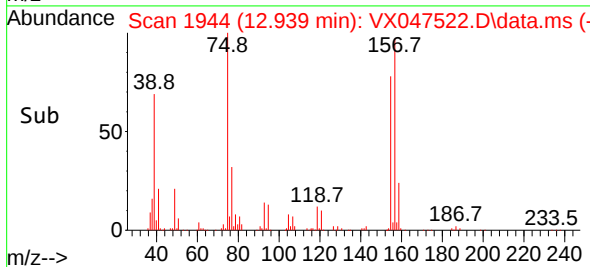
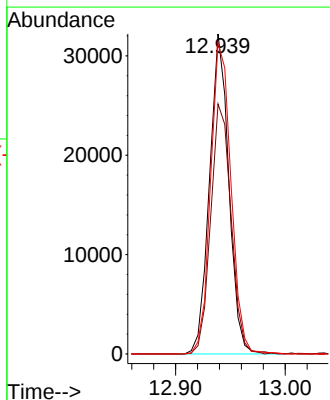
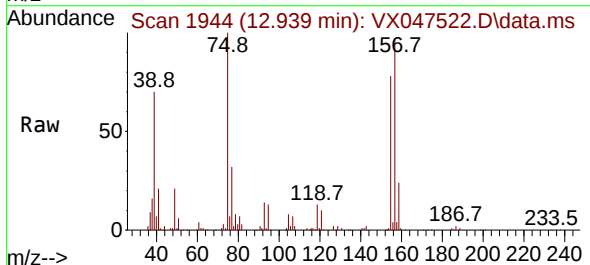
Manual Integrations
APPROVED

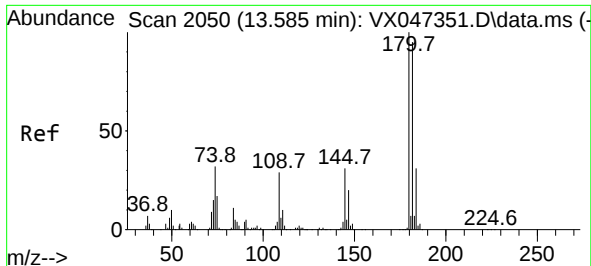
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.248 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

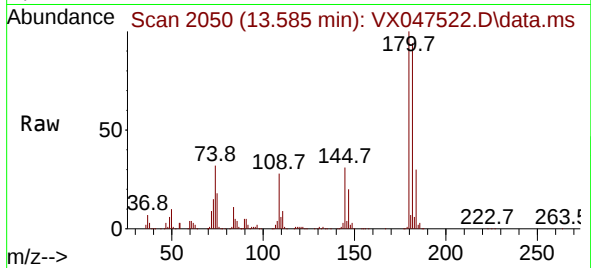
Tgt Ion: 75 Resp: 39447
Ion Ratio Lower Upper
75 100
155 82.3 41.3 123.7
157 102.8 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 52.750 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

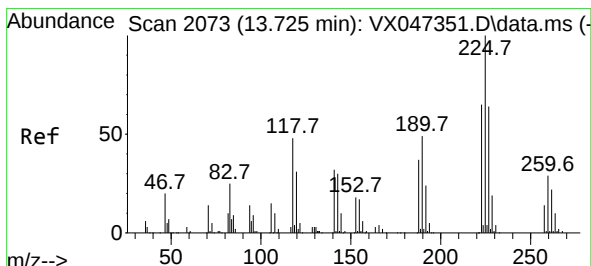
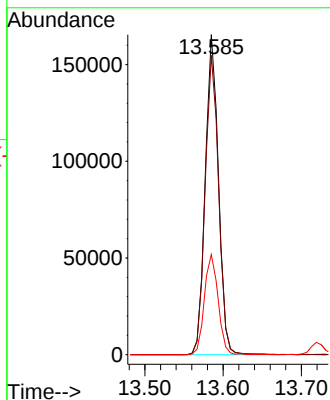
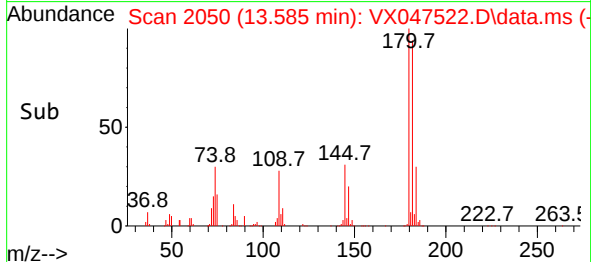
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 19339
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.4
145 32.5 16.2 48.5

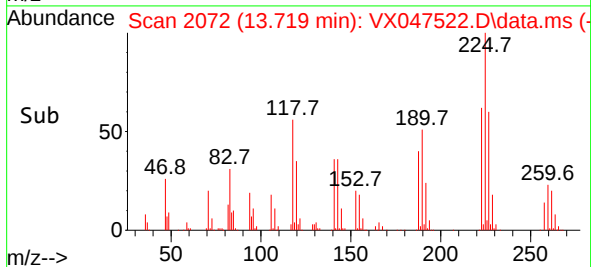
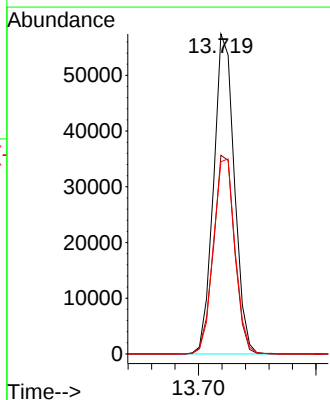
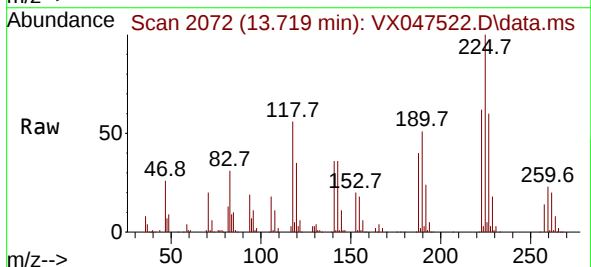
Manual Integrations
APPROVED

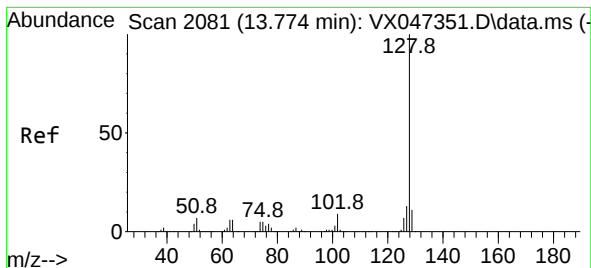
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#94
Hexachlorobutadiene
Concen: 54.012 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

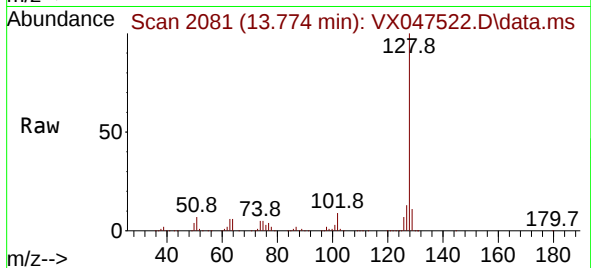
Tgt Ion:225 Resp: 70487
Ion Ratio Lower Upper
225 100
223 63.3 32.2 96.6
227 63.6 31.6 95.0





#95
Naphthalene
Concen: 56.133 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52

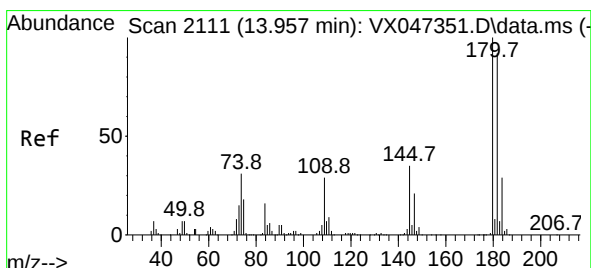
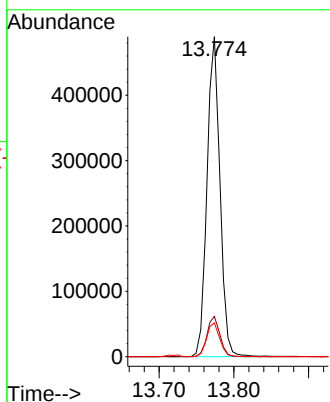
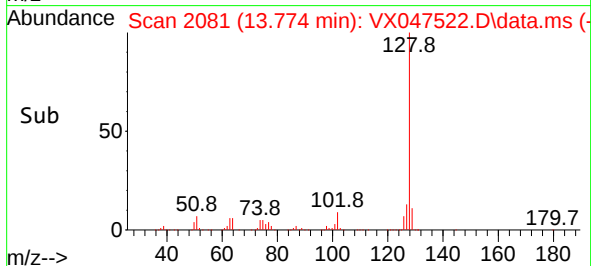
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



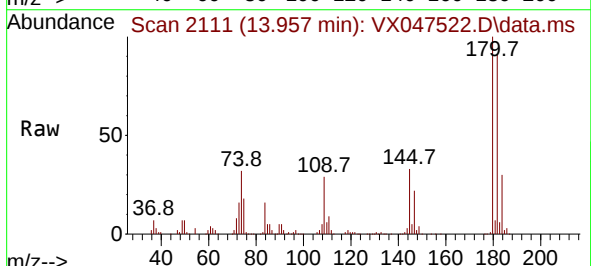
Tgt Ion:128 Resp: 588120
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.801 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047522.D
Acq: 26 Aug 2025 09:52



Tgt Ion:180 Resp: 185929
Ion Ratio Lower Upper
180 100
182 95.4 48.0 144.2
145 34.2 17.4 52.2

