

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042325\
 Data File : VX045912.D
 Acq On : 23 Apr 2025 16:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

Quant Time: Apr 24 02:16:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	66864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62751	51.319	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.640%			
35) Dibromofluoromethane	5.379	113	43345	50.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	8.647	98	144015	48.505	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.000%			
62) 4-Bromofluorobenzene	11.079	95	55204	51.044	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48866	48.868	ug/l	98
3) Chloromethane	1.306	50	49527	48.212	ug/l	99
4) Vinyl Chloride	1.374	62	46549	49.513	ug/l	100
5) Bromomethane	1.593	94	21942	49.223	ug/l	99
6) Chloroethane	1.672	64	26925	53.981	ug/l	98
7) Trichlorofluoromethane	1.873	101	73919	52.727	ug/l	98
8) Diethyl Ether	2.136	74	24493	52.039	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	43719	53.219	ug/l	97
10) Methyl Iodide	2.446	142	55699	54.359	ug/l	99
11) Tert butyl alcohol	2.971	59	46307	281.792	ug/l	99
12) 1,1-Dichloroethene	2.312	96	41327	51.485	ug/l	99
13) Acrolein	2.233	56	72105	318.633	ug/l	100
14) Allyl chloride	2.654	41	80840	53.078	ug/l	100
15) Acrylonitrile	3.062	53	138554	267.102	ug/l	99
16) Acetone	2.379	43	133428	265.738	ug/l	98
17) Carbon Disulfide	2.501	76	92633	46.724	ug/l	99
18) Methyl Acetate	2.703	43	68397	59.166	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	149615	53.282	ug/l	99
20) Methylene Chloride	2.782	84	48175	51.250	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	42638	51.993	ug/l	99
22) Diisopropyl ether	3.757	45	159308	53.100	ug/l	88
23) Vinyl Acetate	3.721	43	709296	273.637	ug/l	100
24) 1,1-Dichloroethane	3.605	63	89425	52.705	ug/l	99
25) 2-Butanone	4.550	43	199999	272.116	ug/l	100
26) 2,2-Dichloropropane	4.471	77	58160	53.055	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	51699	51.745	ug/l	98
28) Bromochloromethane	4.891	49	41947	51.160	ug/l	99
29) Tetrahydrofuran	5.001	42	127633	267.850	ug/l	100
30) Chloroform	5.086	83	93386	53.490	ug/l	96
31) Cyclohexane	5.464	56	77138	51.426	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	78362	53.045	ug/l	99
36) 1,1-Dichloropropene	5.690	75	58433	50.876	ug/l	99
37) Ethyl Acetate	4.714	43	74531	51.493	ug/l	99
38) Carbon Tetrachloride	5.672	117	67310	54.226	ug/l	98
39) Methylcyclohexane	7.372	83	73765	52.394	ug/l	96
40) Benzene	6.031	78	183640	52.352	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42815	56.063	ug/l	99
42) 1,2-Dichloroethane	6.086	62	78269	54.023	ug/l	98
43) Isopropyl Acetate	6.336	43	118912	54.205	ug/l	99
44) Trichloroethene	7.122	130	42569	51.058	ug/l	92
45) 1,2-Dichloropropane	7.427	63	46397	53.012	ug/l	96
46) Dibromomethane	7.574	93	35819	53.313	ug/l	98
47) Bromodichloromethane	7.817	83	71132	53.015	ug/l	99
48) Methyl methacrylate	7.689	41	62365	55.060	ug/l	99
49) 1,4-Dioxane	7.659	88	24821	1211.199	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	399707	274.851	ug/l	99
52) Toluene	8.714	92	111003	52.297	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	61362	47.669	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	69489	55.112	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	44059	52.091	ug/l	97
56) Ethyl methacrylate	9.116	69	72283	55.220	ug/l	99
57) 1,3-Dichloropropane	9.305	76	78997	53.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	155130	234.271	ug/l	100
59) 2-Hexanone	9.427	43	298132	276.837	ug/l	100
60) Dibromochloromethane	9.518	129	49784	53.990	ug/l	98
61) 1,2-Dibromoethane	9.610	107	46271	54.041	ug/l	100
64) Tetrachloroethene	9.268	164	38854	51.821	ug/l	95
65) Chlorobenzene	10.073	112	118325	52.143	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	41565	52.758	ug/l	98
67) Ethyl Benzene	10.189	91	216192	53.194	ug/l	99
68) m/p-Xylenes	10.299	106	156948	106.176	ug/l	99
69) o-Xylene	10.640	106	78000	53.565	ug/l	99
70) Styrene	10.652	104	130176	54.164	ug/l	98
71) Bromoform	10.799	173	31338	53.273	ug/l #	97
73) Isopropylbenzene	10.957	105	203649	50.988	ug/l	99
74) N-amyl acetate	10.841	43	102335	53.563	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	70354	50.143	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62014m	50.987	ug/l	
77) Bromobenzene	11.195	156	46703	50.608	ug/l	99
78) n-propylbenzene	11.299	91	237380	51.599	ug/l	99
79) 2-Chlorotoluene	11.360	91	148295	50.422	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	173109	52.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17029	47.517	ug/l	98
82) 4-Chlorotoluene	11.451	91	168864	51.496	ug/l	100
83) tert-Butylbenzene	11.713	119	171102	52.327	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	174575	52.663	ug/l	99
85) sec-Butylbenzene	11.890	105	213446	53.147	ug/l	100
86) p-Isopropyltoluene	12.006	119	175056	52.870	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	84590	50.355	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	84711	49.741	ug/l	98
89) n-Butylbenzene	12.329	91	150523	52.425	ug/l	100
90) Hexachloroethane	12.536	117	29842	52.443	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	86591	51.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16250	55.379	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	48504	52.174	ug/l	98
94) Hexachlorobutadiene	13.725	225	20481	51.126	ug/l	98
95) Naphthalene	13.774	128	182417	52.728	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	50176	51.544	ug/l	99

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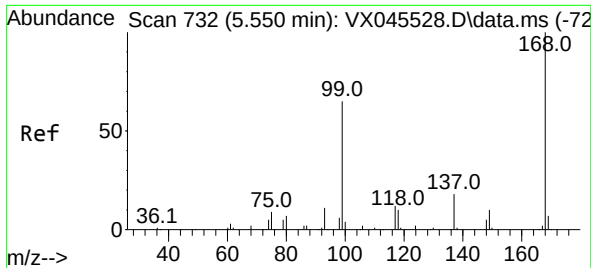
Manual Integrations
APPROVED

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Response via : Initial Calibration

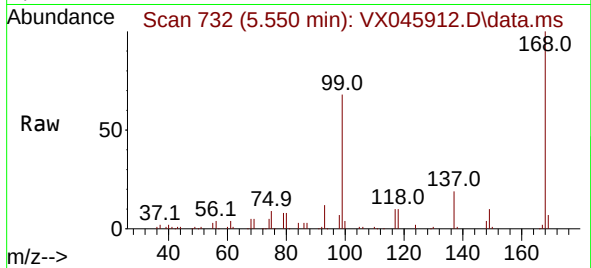
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045912.D
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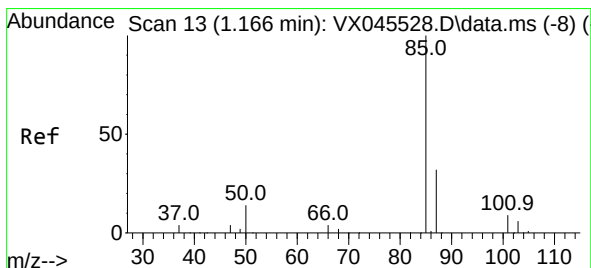
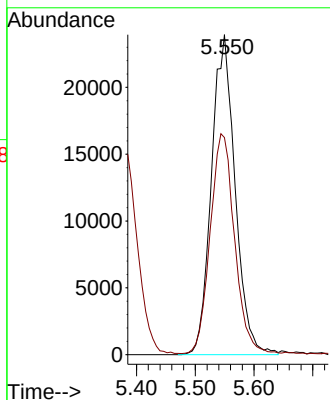
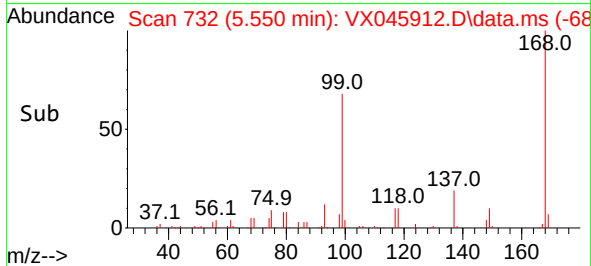
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion:168 Resp: 66864
Ion Ratio Lower Upper
168 100
99 67.4 52.3 78.5

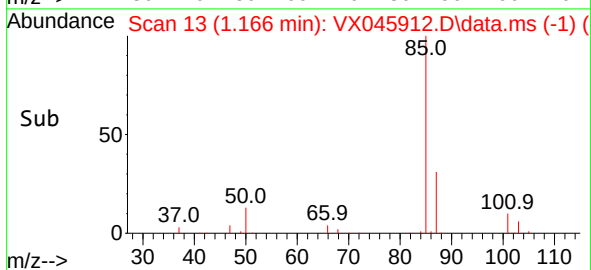
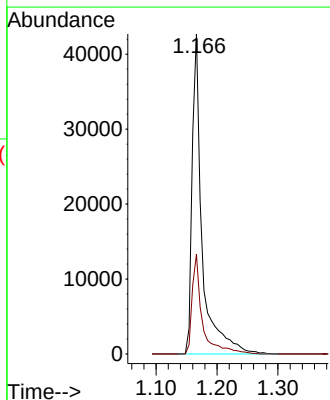
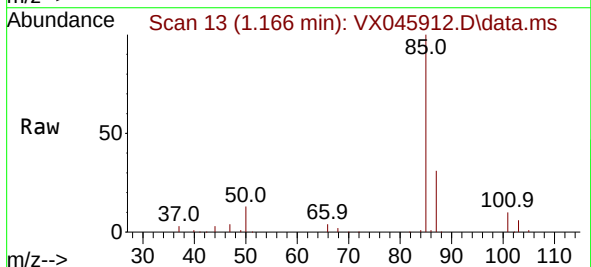
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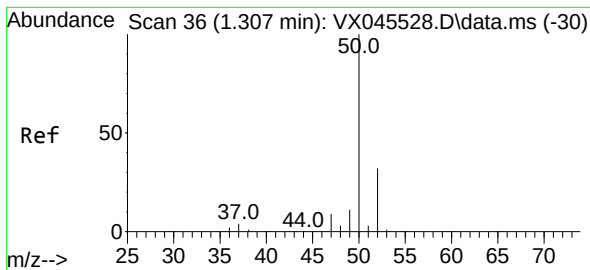
Reviewed By :John Carlone 04/24/2025
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#2
Dichlorodifluoromethane
Concen: 48.868 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Tgt Ion: 85 Resp: 48866
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2





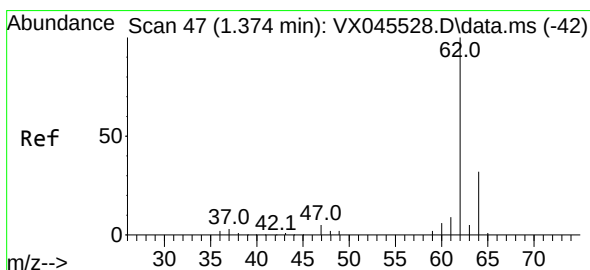
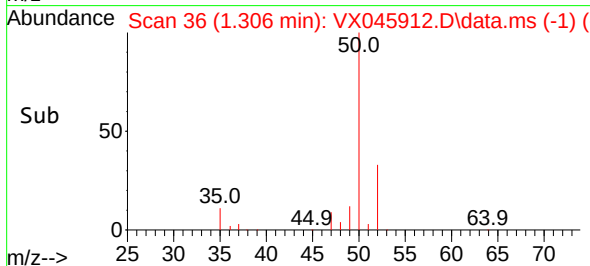
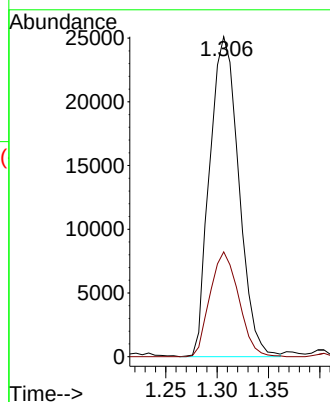
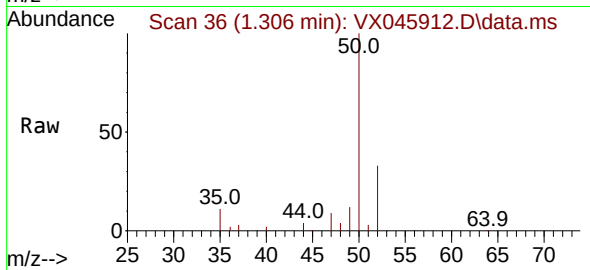
#3
Chloromethane
Concen: 48.212 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045912.D
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Tgt Ion: 50 Resp: 4952
Ion Ratio Lower Upper
50 100
52 32.8 25.9 38.9

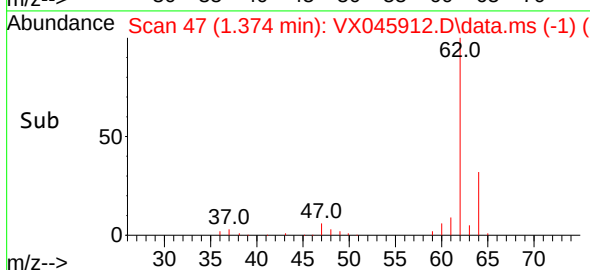
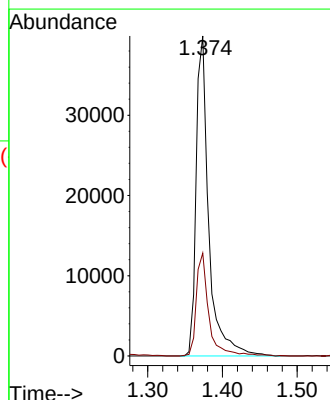
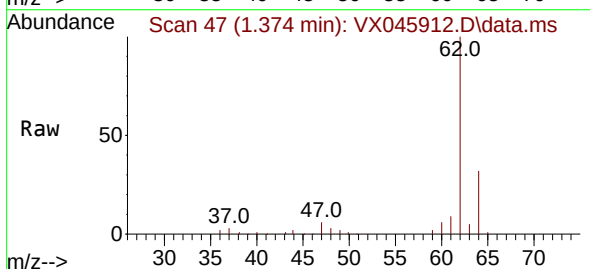
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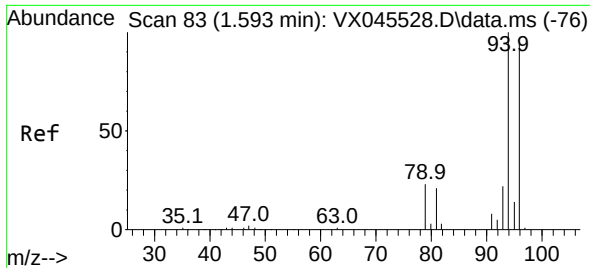
Reviewed By :John Carlone 04/24/2025
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#4
Vinyl Chloride
Concen: 49.513 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

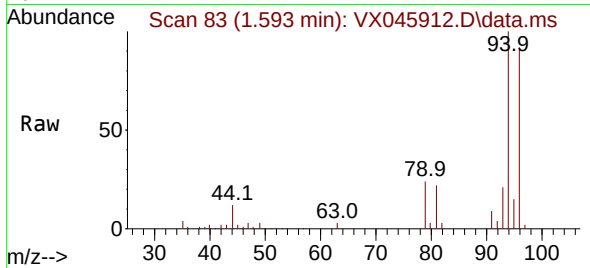
Tgt Ion: 62 Resp: 46549
Ion Ratio Lower Upper
62 100
64 32.2 25.5 38.3





#5
Bromomethane
Concen: 49.223 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

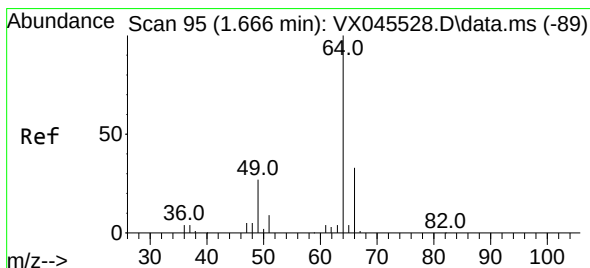
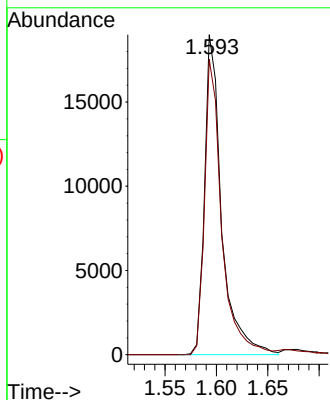
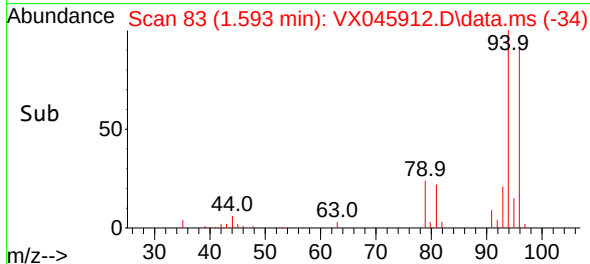
Instrument :
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Tgt Ion: 94 Resp: 2194
Ion Ratio Lower Upper
94 100
96 92.3 74.8 112.2

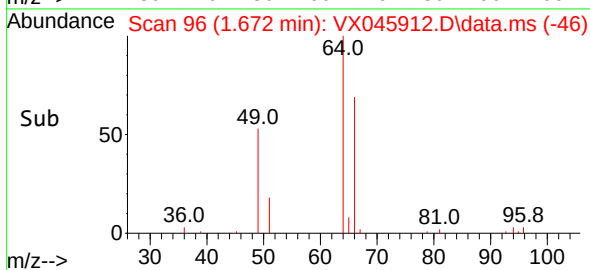
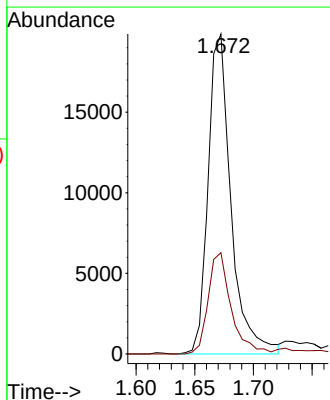
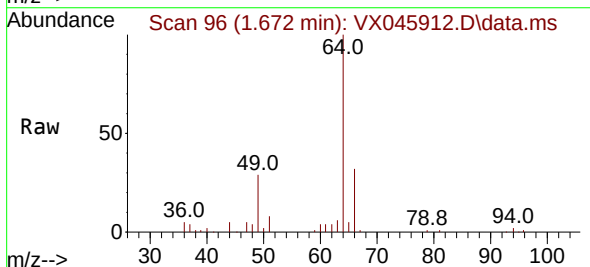
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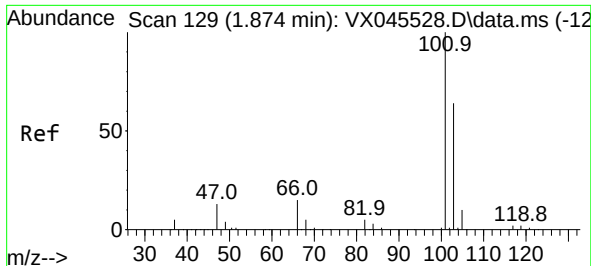
Reviewed By :John Carlone 04/24/2025
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#6
Chloroethane
Concen: 53.981 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

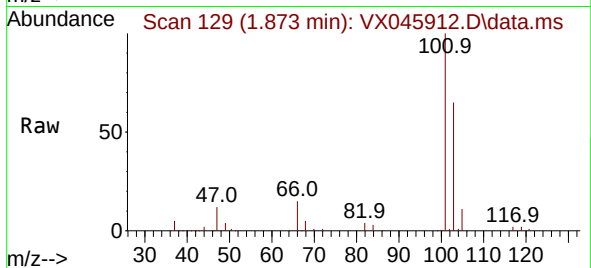
Tgt Ion: 64 Resp: 26925
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 52.727 ug/l
 RT: 1.873 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045912.D
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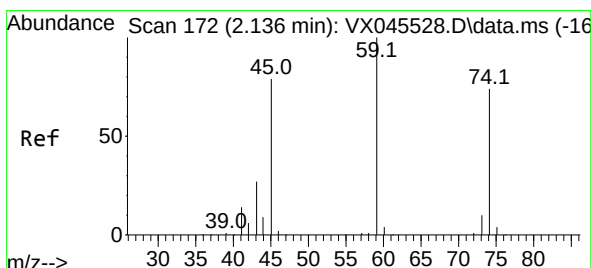
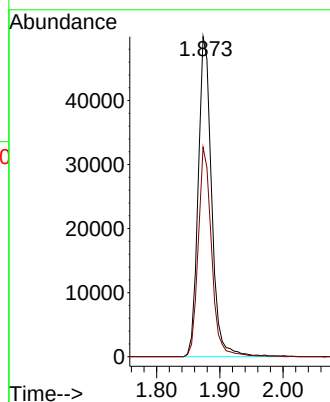
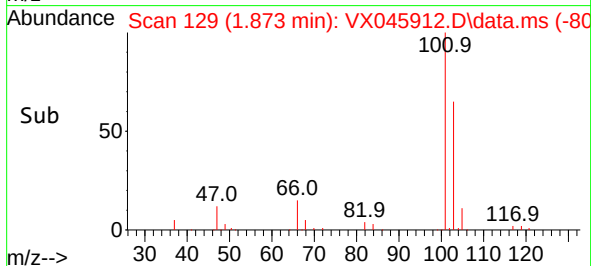
Instrument :
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Tgt Ion:101 Resp: 73919
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.1 76.7

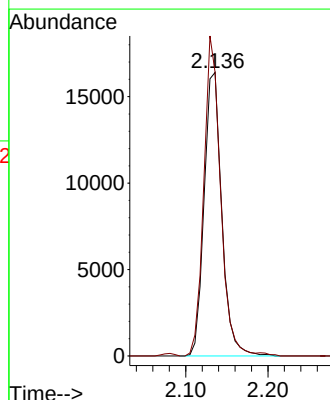
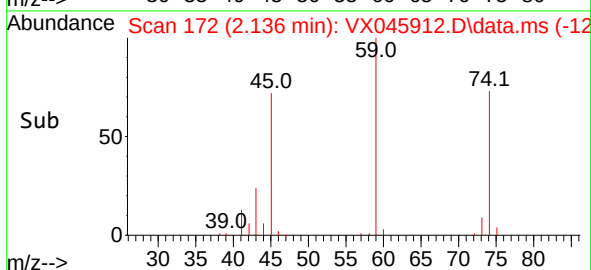
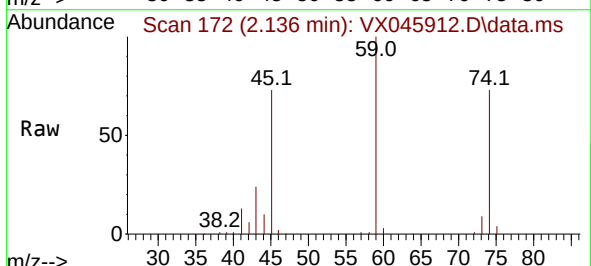
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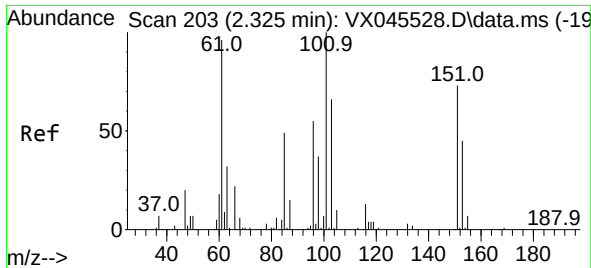
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#8
 Diethyl Ether
 Concen: 52.039 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX045912.D
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Tgt Ion: 74 Resp: 24493
 Ion Ratio Lower Upper
 74 100
 45 107.4 53.0 159.1





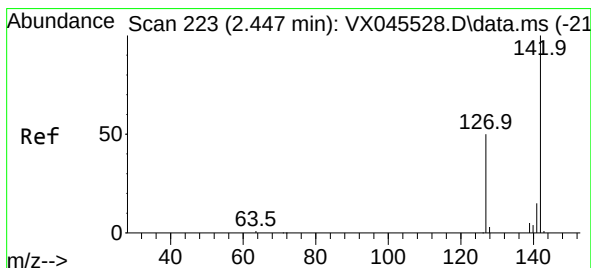
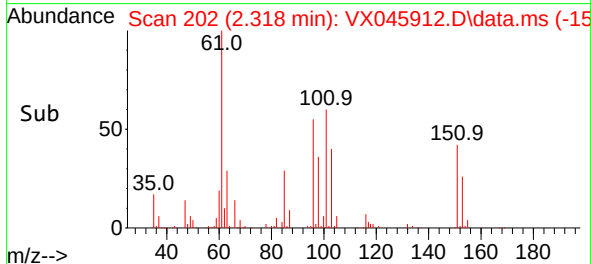
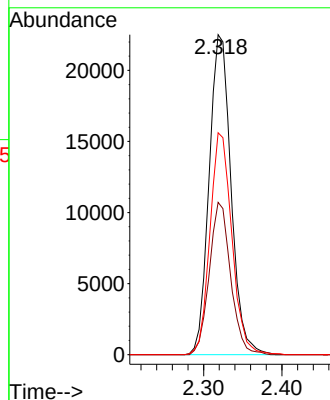
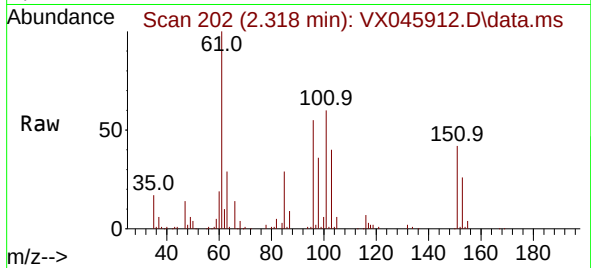
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.219 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 43719
Ion Ratio Lower Upper
101 100
85 46.3 38.9 58.3
151 69.5 57.5 86.3

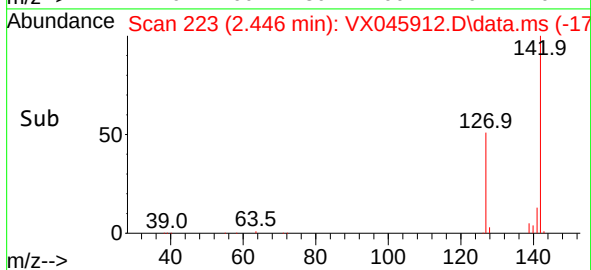
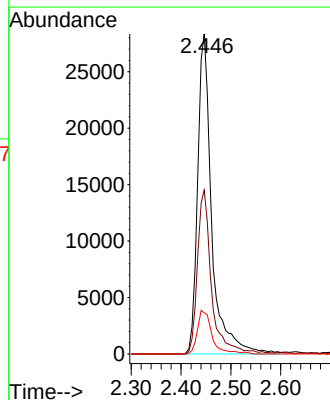
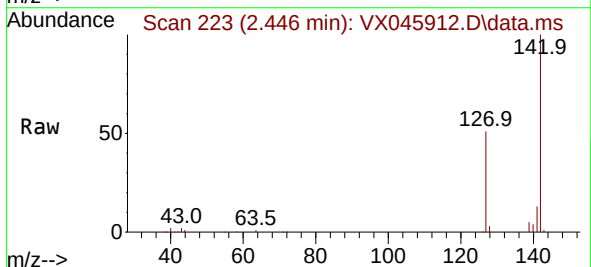
Manual Integrations
APPROVED

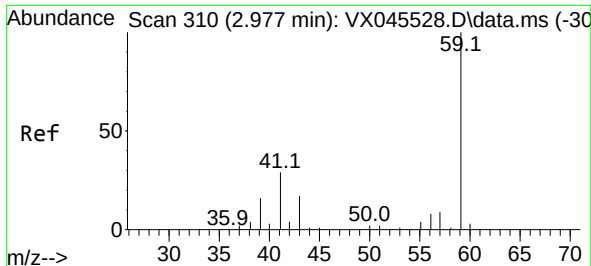
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#10
Methyl Iodide
Concen: 54.359 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

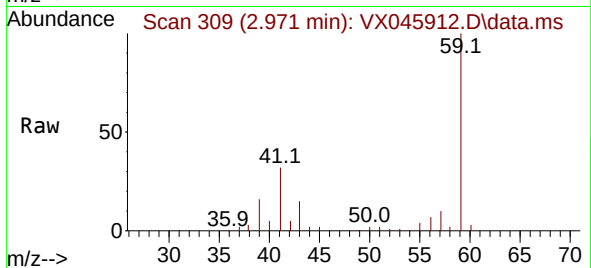
Tgt Ion:142 Resp: 55699
Ion Ratio Lower Upper
142 100
127 51.1 40.2 60.4
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 281.792 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

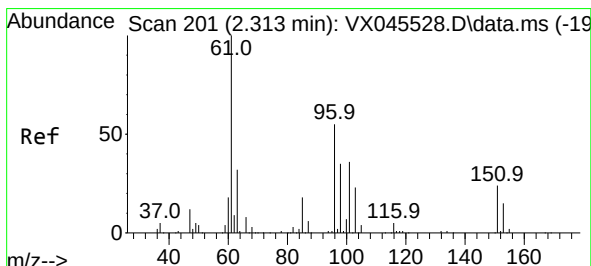
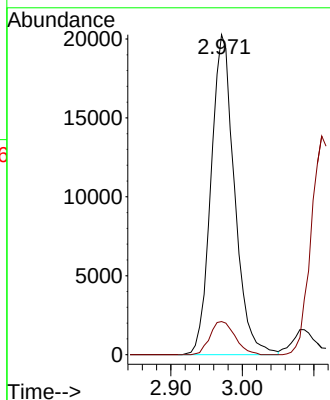
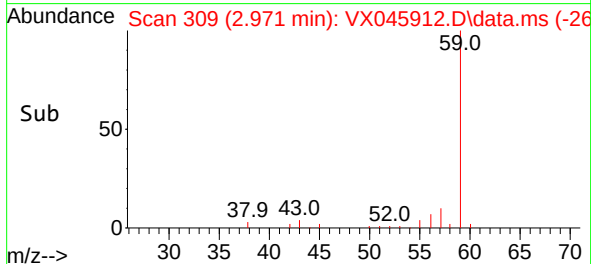
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



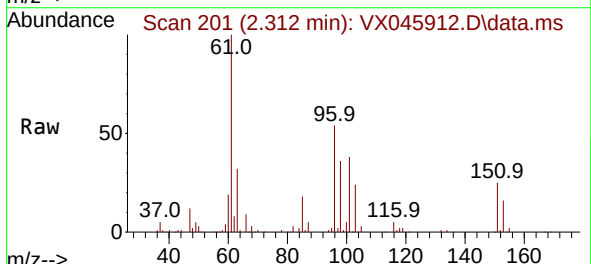
Tgt Ion: 59 Resp: 46307
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

Manual Integrations
APPROVED

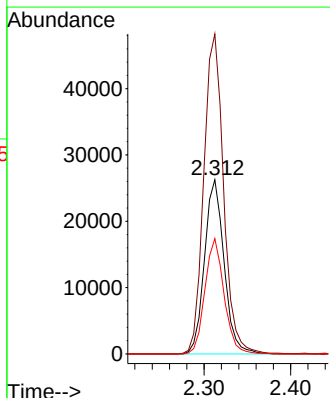
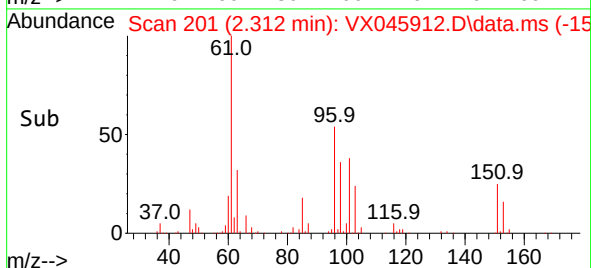
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

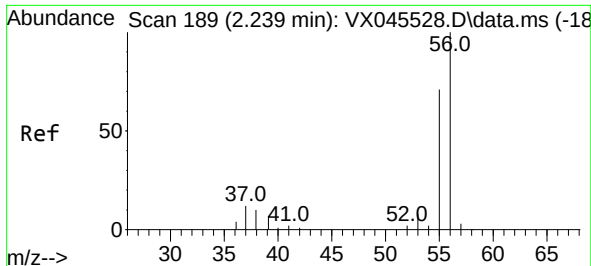


#12
1,1-Dichloroethene
Concen: 51.485 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



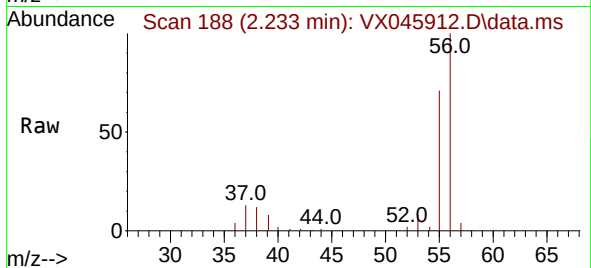
Tgt Ion: 96 Resp: 41327
Ion Ratio Lower Upper
96 100
61 183.7 145.7 218.5
98 66.2 51.6 77.4





#13
Acrolein
Concen: 318.633 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

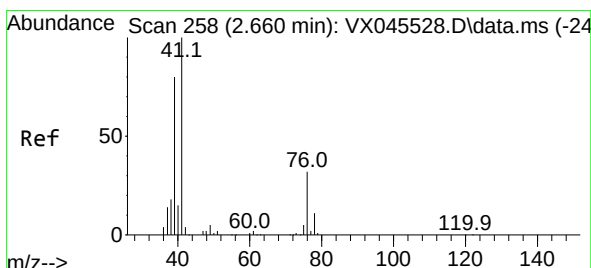
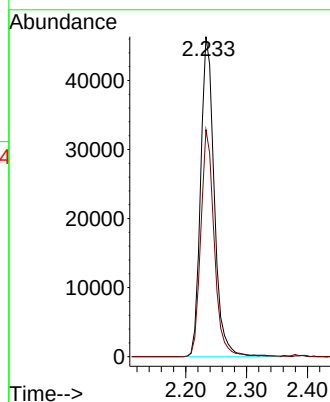
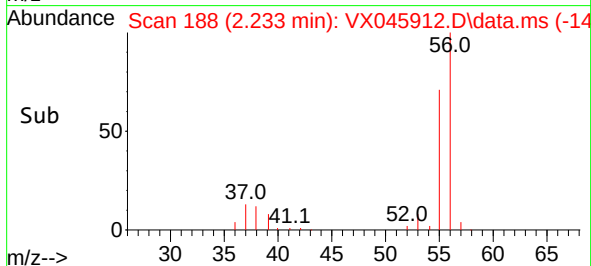
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7210
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.2

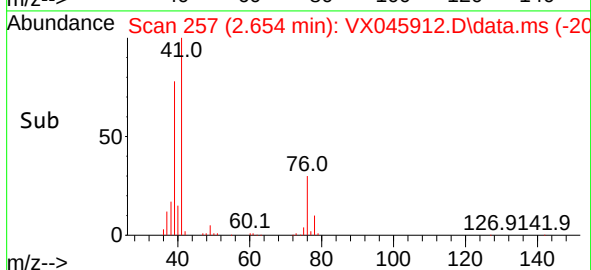
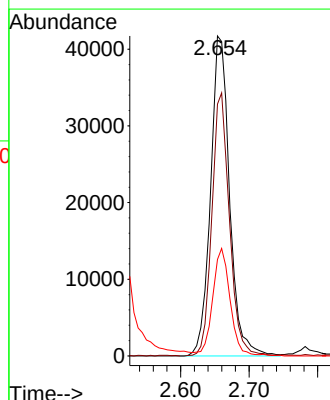
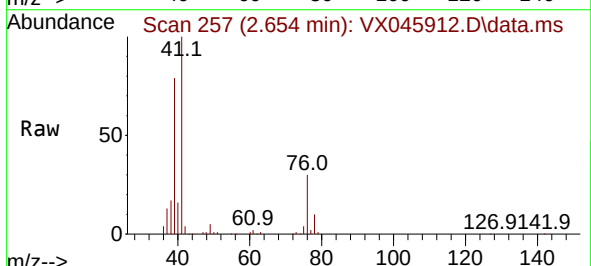
Manual Integrations
APPROVED

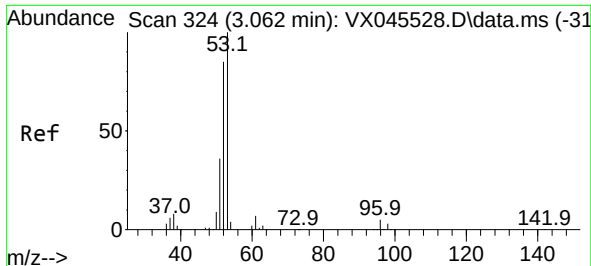
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#14
Allyl chloride
Concen: 53.078 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

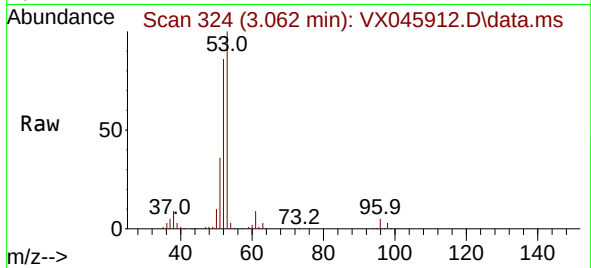
Tgt Ion: 41 Resp: 80840
Ion Ratio Lower Upper
41 100
39 75.6 60.2 90.2
76 30.9 24.6 36.8





#15
Acrylonitrile
Concen: 267.102 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

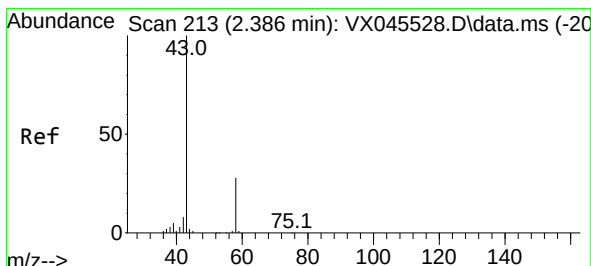
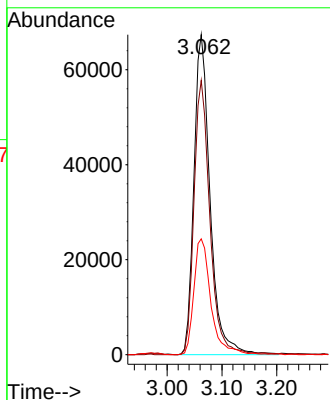
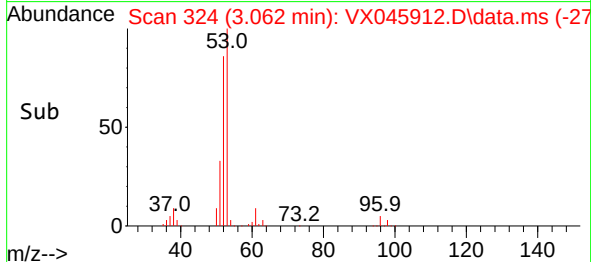
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 138554
Ion Ratio Lower Upper
53 100
52 84.6 67.4 101.2
51 38.3 29.9 44.9

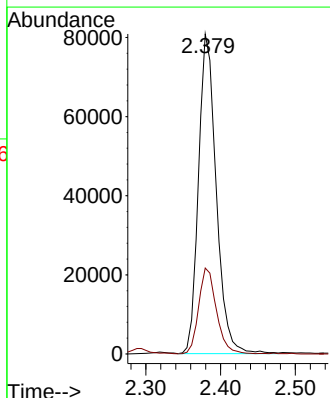
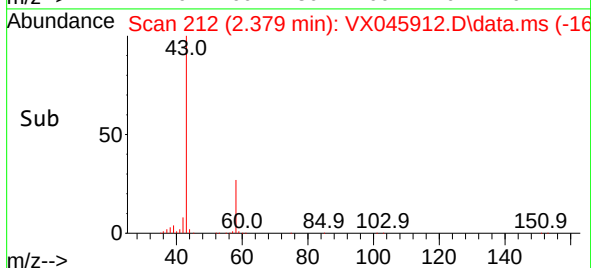
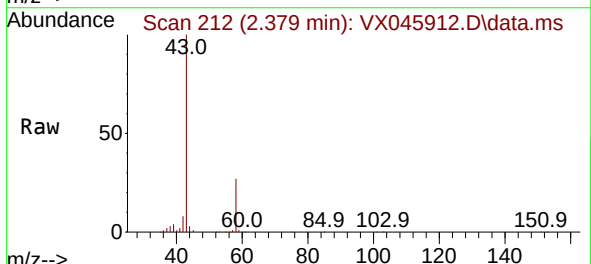
Manual Integrations
APPROVED

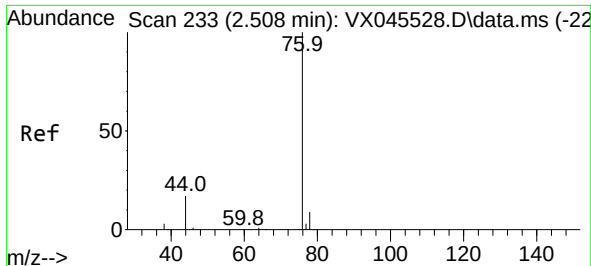
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#16
Acetone
Concen: 265.738 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Tgt Ion: 43 Resp: 133428
Ion Ratio Lower Upper
43 100
58 26.8 22.3 33.5





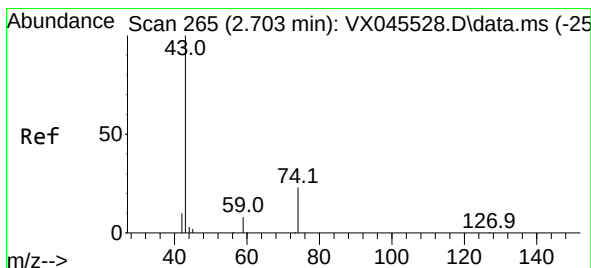
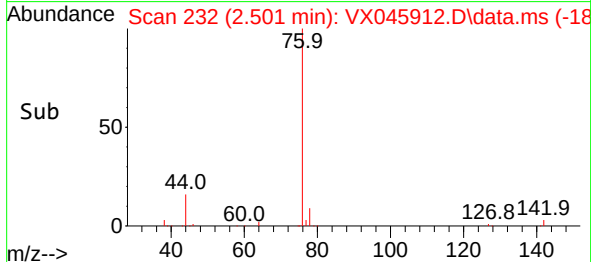
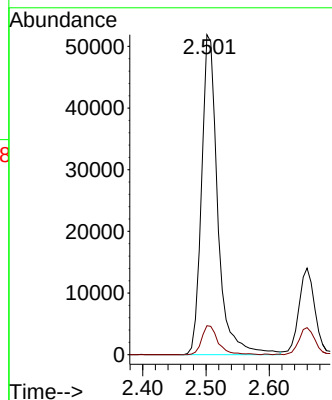
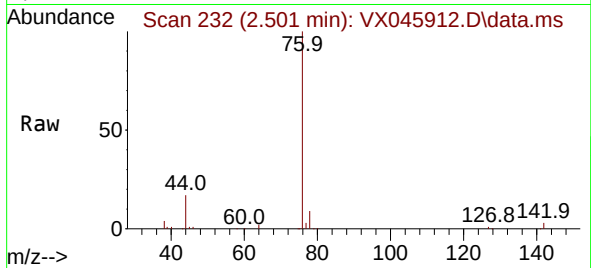
#17
Carbon Disulfide
Concen: 46.724 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 9263
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

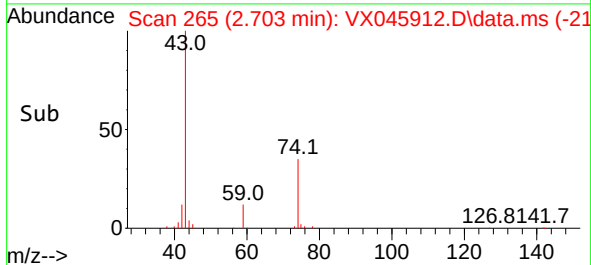
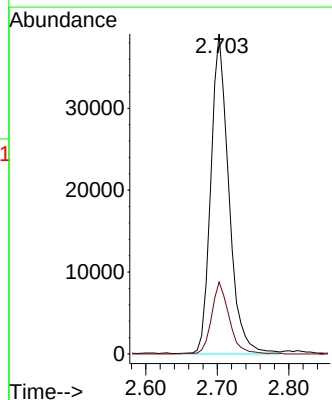
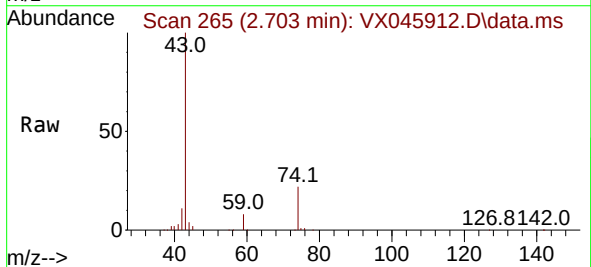
Manual Integrations
APPROVED

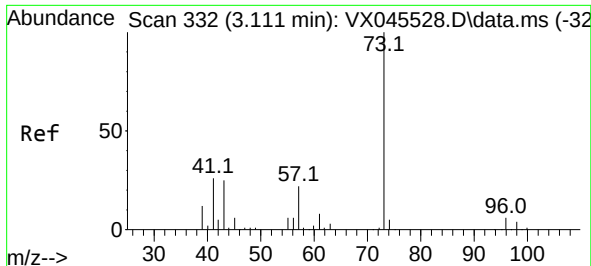
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#18
Methyl Acetate
Concen: 59.166 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

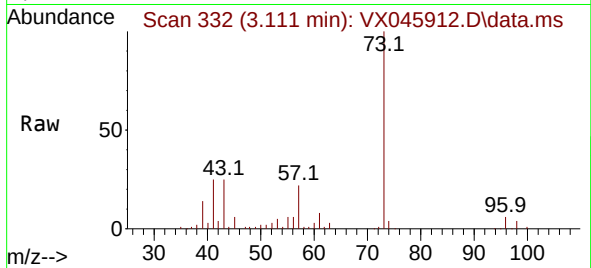
Tgt Ion: 43 Resp: 68397
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 53.282 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

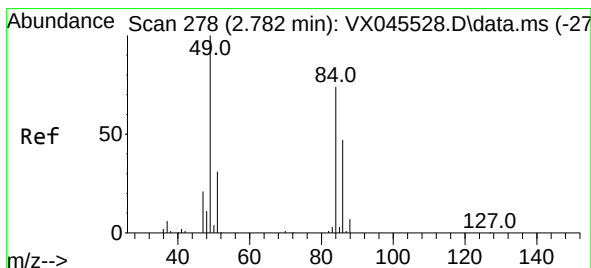
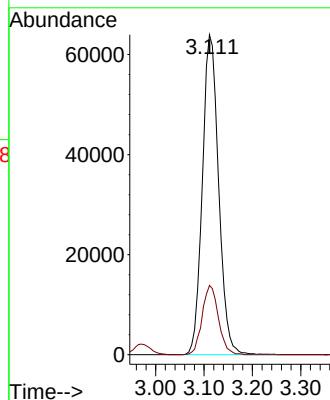
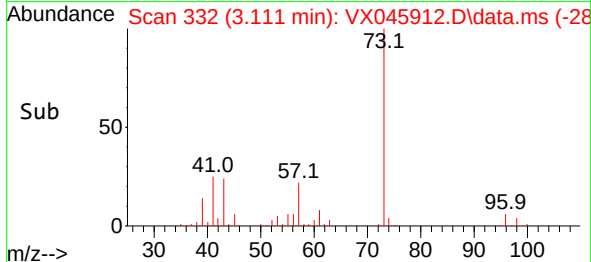
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 149615
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

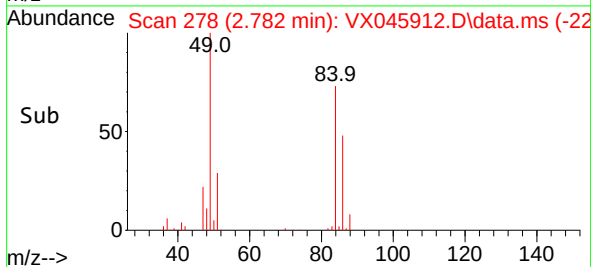
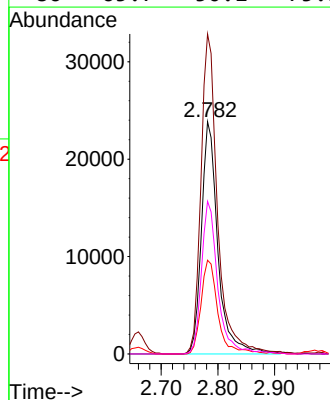
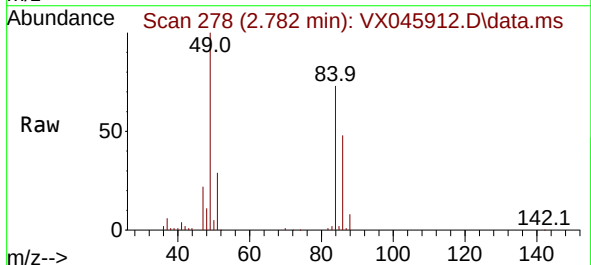
Manual Integrations
APPROVED

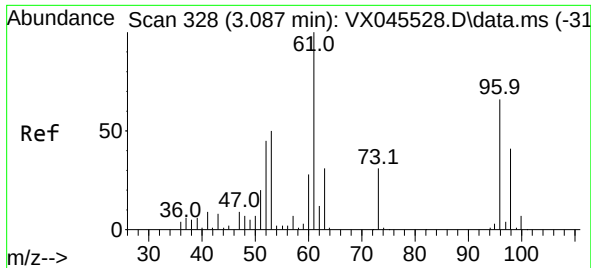
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Methylene Chloride
Concen: 51.250 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

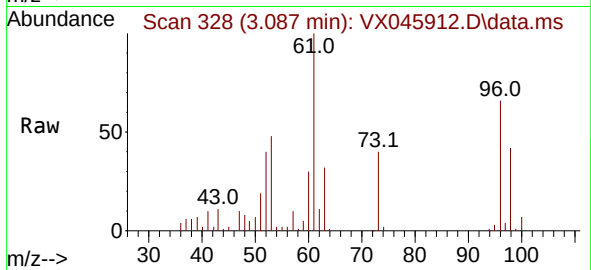
Tgt Ion: 84 Resp: 48175
Ion Ratio Lower Upper
84 100
49 137.8 107.5 161.3
51 40.4 33.0 49.6
86 65.7 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 51.993 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

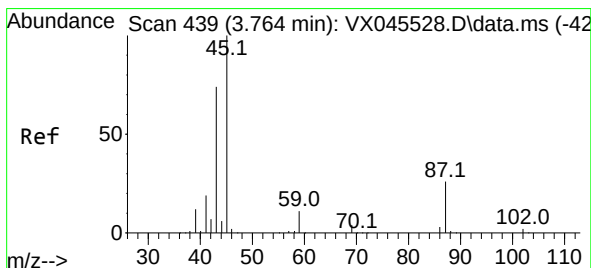
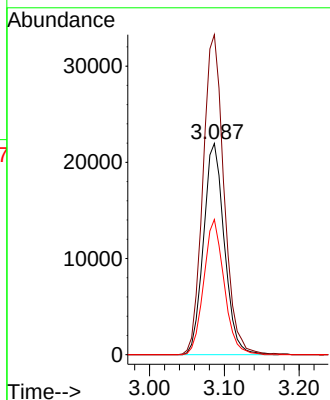
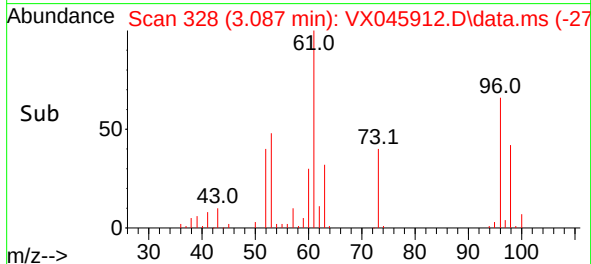
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



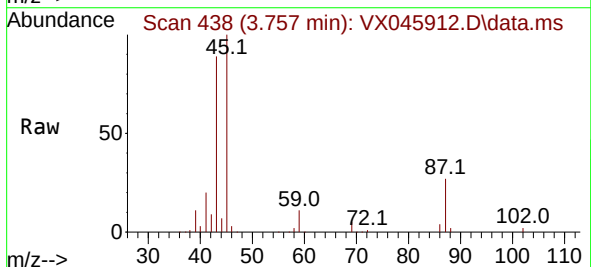
Tgt Ion: 96 Resp: 42638
Ion Ratio Lower Upper
96 100
61 151.6 121.0 181.6
98 64.1 49.7 74.5

Manual Integrations
APPROVED

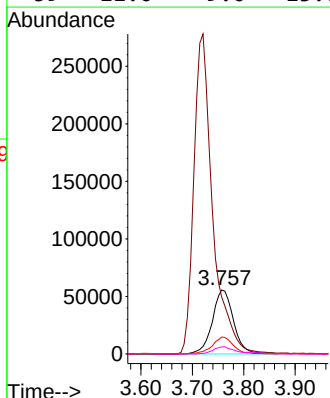
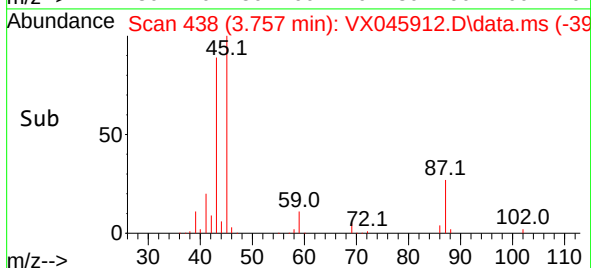
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

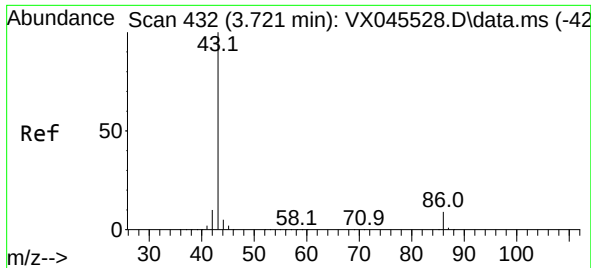


#22
Diisopropyl ether
Concen: 53.100 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



Tgt Ion: 45 Resp: 159308
Ion Ratio Lower Upper
45 100
43 88.4 59.3 88.9
87 26.5 20.4 30.6
59 11.0 9.0 13.6





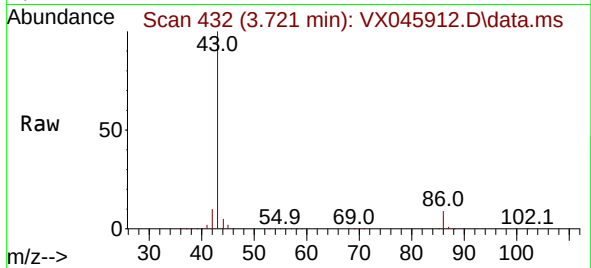
#23
 Vinyl Acetate
 Concen: 273.637 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045912.D
 Acq: 23 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



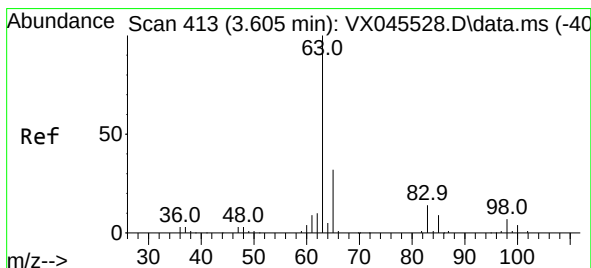
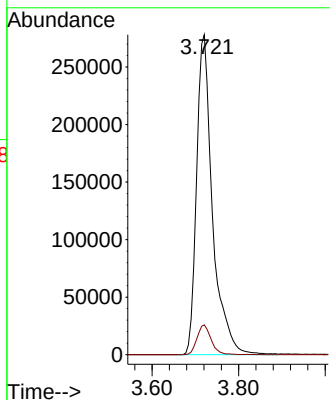
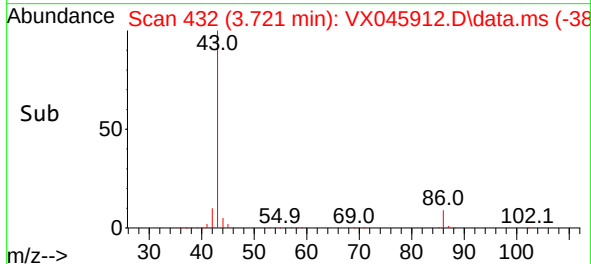
Tgt Ion: 43 Resp: 709290
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

Manual Integrations

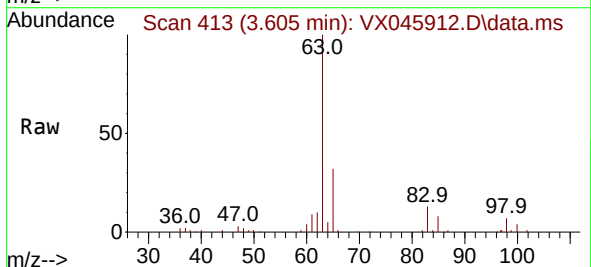
APPROVED

Reviewed By :John Carlone 04/24/2025

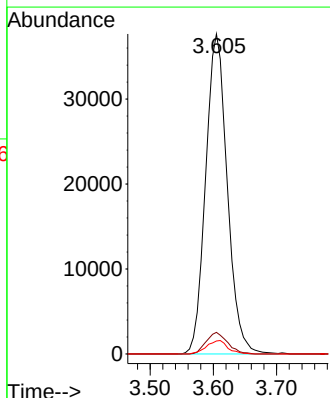
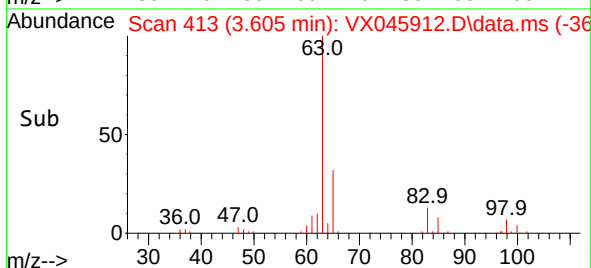
Supervised By :Mahesh Dadoda 04/25/2025

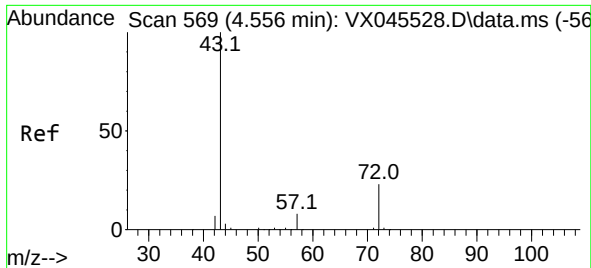


#24
 1,1-Dichloroethane
 Concen: 52.705 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045912.D
 Acq: 23 Apr 2025 16:52



Tgt Ion: 63 Resp: 89425
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.0 2.2 6.6





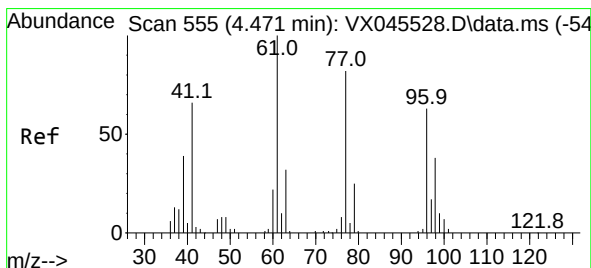
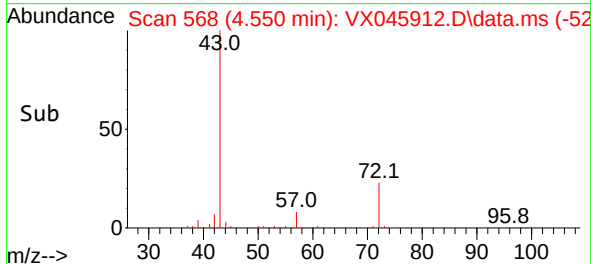
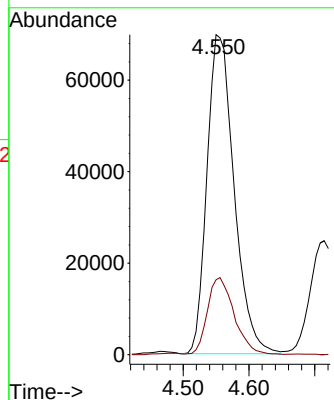
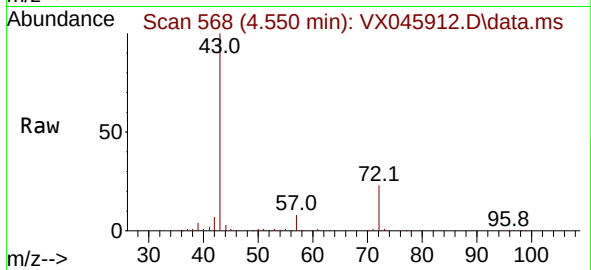
#25
2-Butanone
Concen: 272.116 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 199999
Ion Ratio Lower Upper
43 100
72 23.3 18.6 28.0

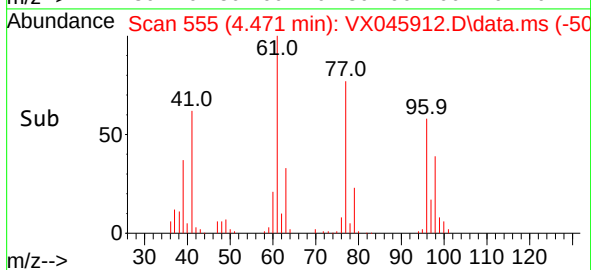
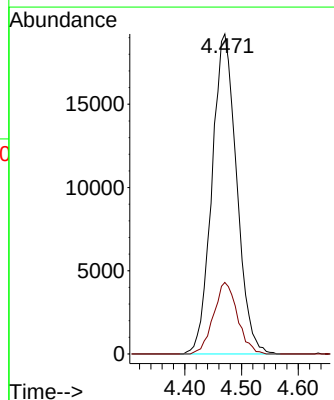
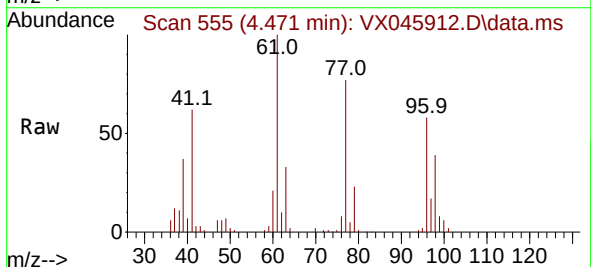
Manual Integrations
APPROVED

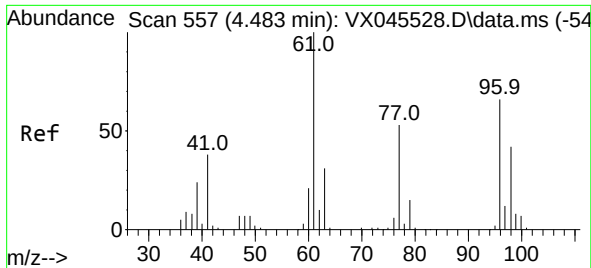
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#26
2,2-Dichloropropane
Concen: 53.055 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

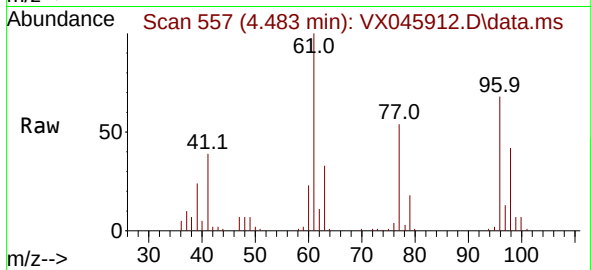
Tgt Ion: 77 Resp: 58160
Ion Ratio Lower Upper
77 100
97 21.7 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 51.745 ug/l
 RT: 4.483 min Scan# 5169
 Delta R.T. -0.000 min
 Lab File: VX045912.D
 Acq: 23 Apr 2025 16:52

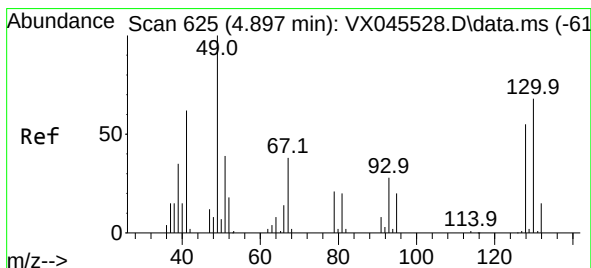
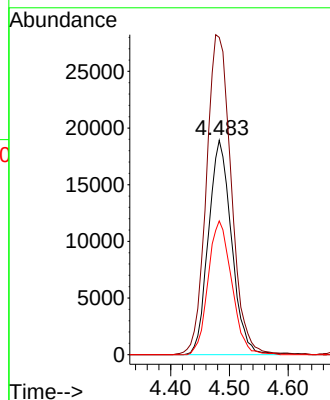
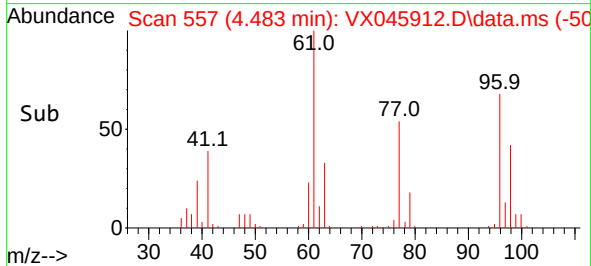
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 5169
 Ion Ratio Lower Upper
 96 100
 61 160.6 0.0 313.2
 98 63.6 0.0 126.4

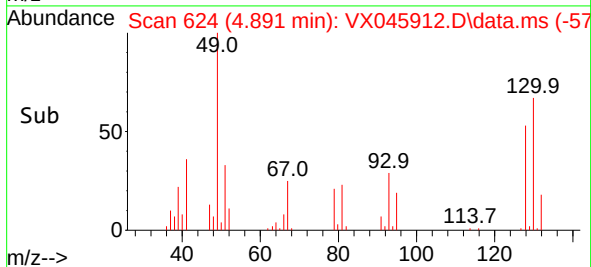
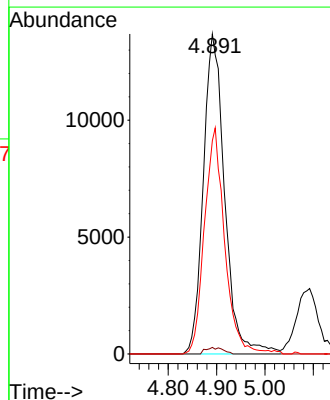
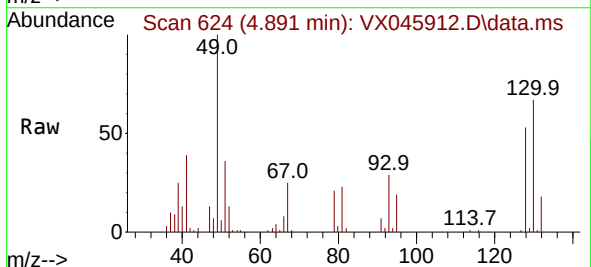
Manual Integrations
 APPROVED

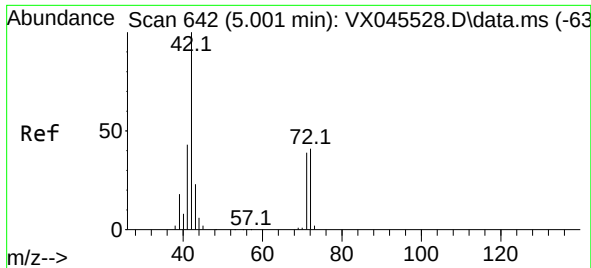
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#28
 Bromochloromethane
 Concen: 51.160 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045912.D
 Acq: 23 Apr 2025 16:52

Tgt Ion: 49 Resp: 41947
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 67.4 54.6 81.8





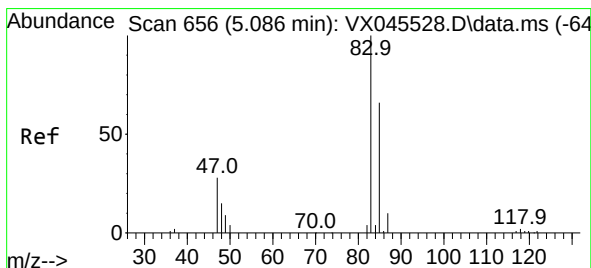
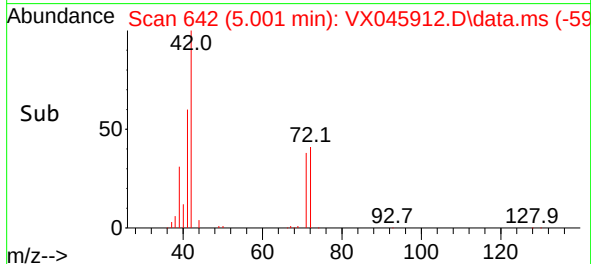
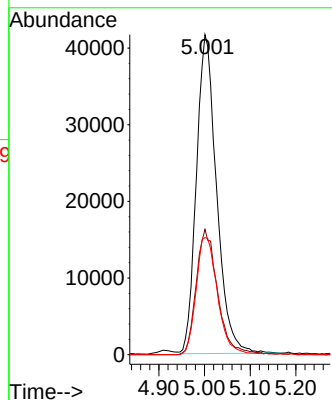
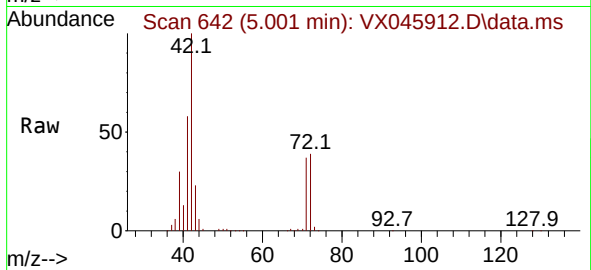
#29
Tetrahydrofuran
Concen: 267.850 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 127633
Ion Ratio Lower Upper
42 100
72 41.7 33.4 50.0
71 39.0 31.4 47.0

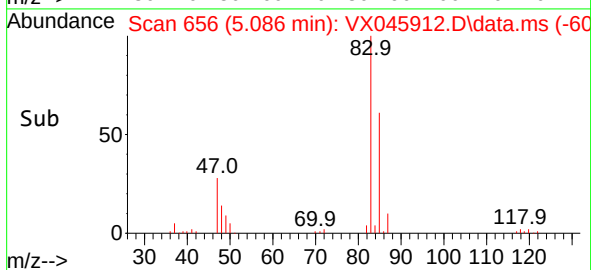
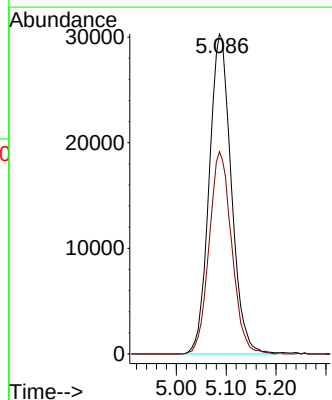
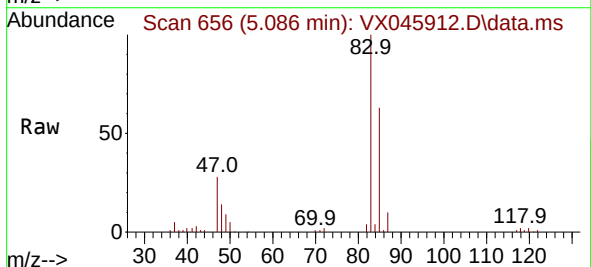
Manual Integrations
APPROVED

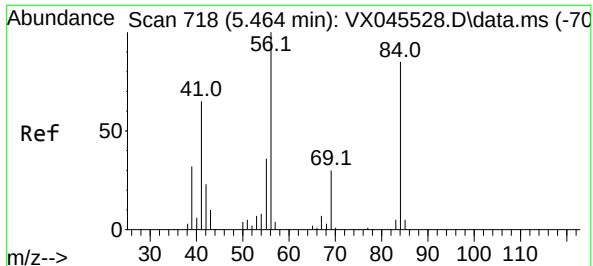
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#30
Chloroform
Concen: 53.490 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

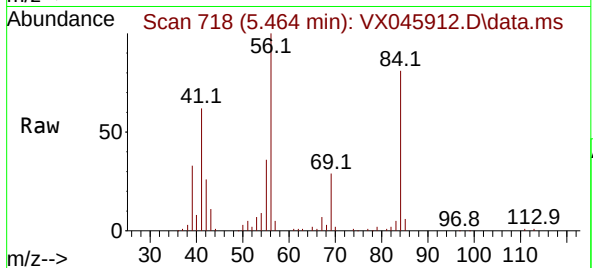
Tgt Ion: 83 Resp: 93386
Ion Ratio Lower Upper
83 100
85 63.2 52.8 79.2





#31
Cyclohexane
Concen: 51.426 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

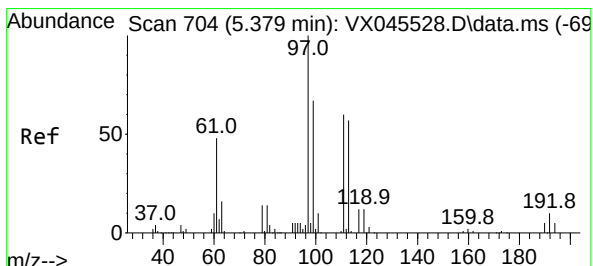
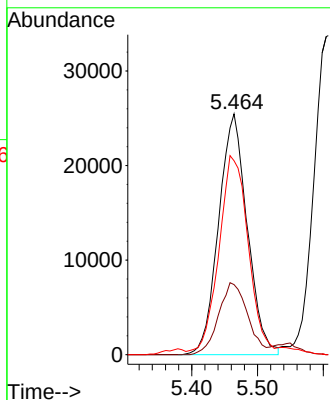
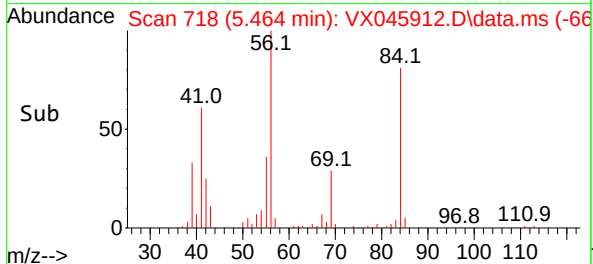
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



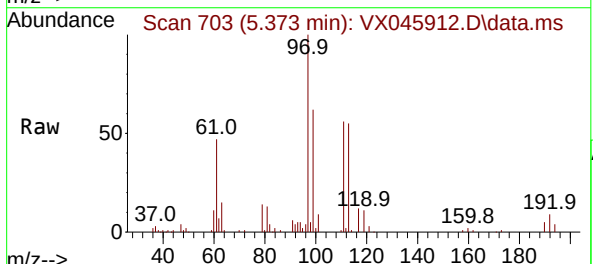
Tgt Ion: 56 Resp: 77138
Ion Ratio Lower Upper
56 100
69 29.1 23.6 35.4
84 78.1 67.7 101.5

Manual Integrations
APPROVED

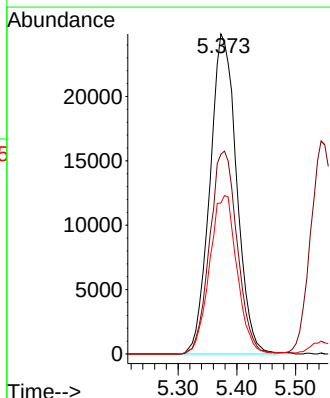
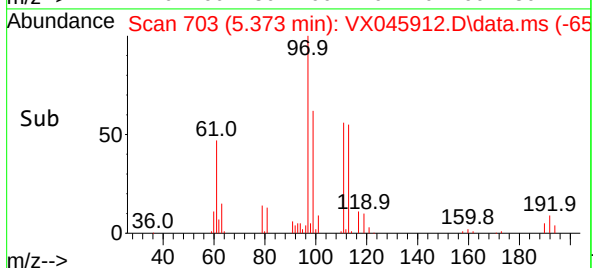
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

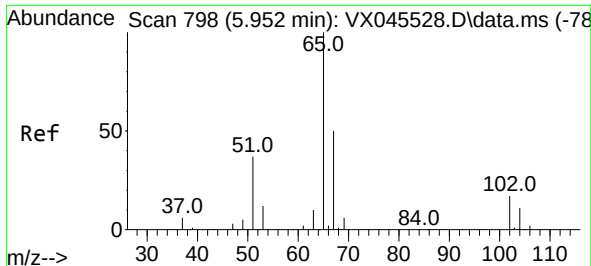


#32
1,1,1-Trichloroethane
Concen: 53.045 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



Tgt Ion: 97 Resp: 78362
Ion Ratio Lower Upper
97 100
99 65.4 51.7 77.5
61 50.9 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 51.319 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045912.D

Acq: 23 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6275

Ion Ratio Lower Upper

65 100

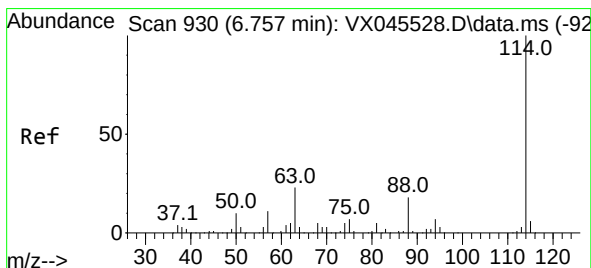
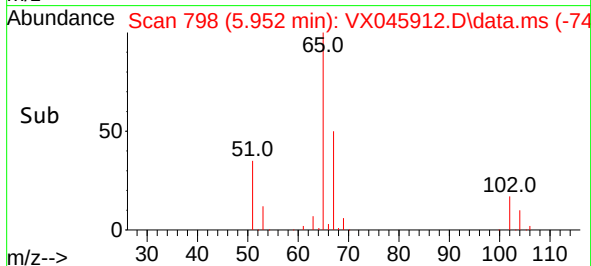
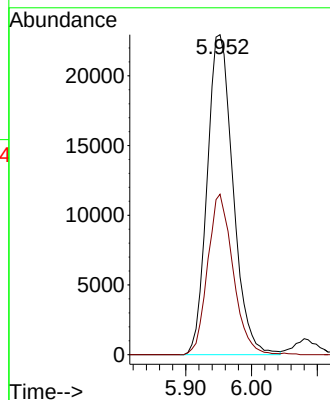
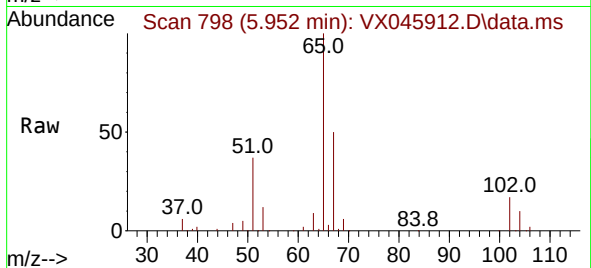
67 49.2 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045912.D

Acq: 23 Apr 2025 16:52

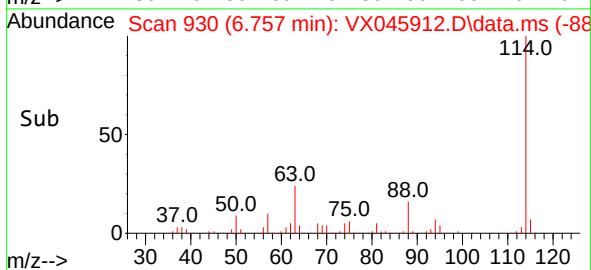
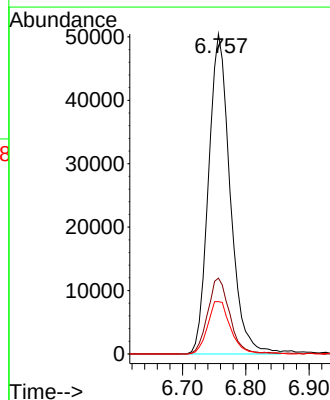
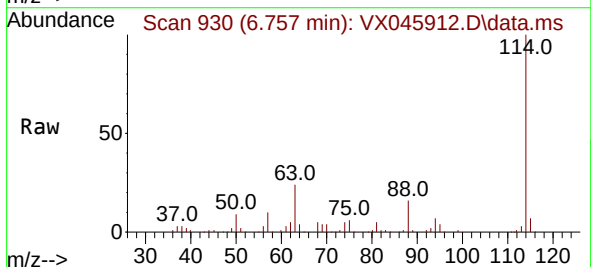
Tgt Ion:114 Resp: 119894

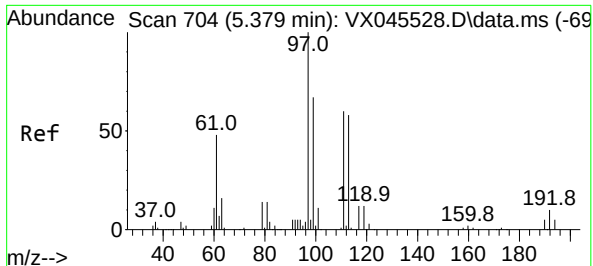
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.8

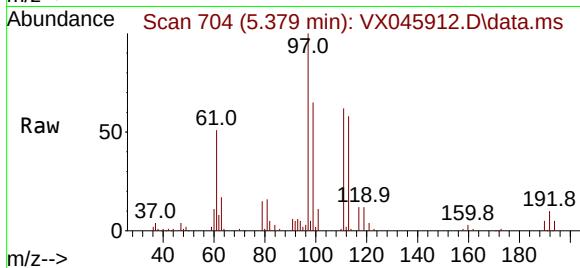
88 16.4 0.0 35.4





#35
Dibromofluoromethane
Concen: 50.955 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

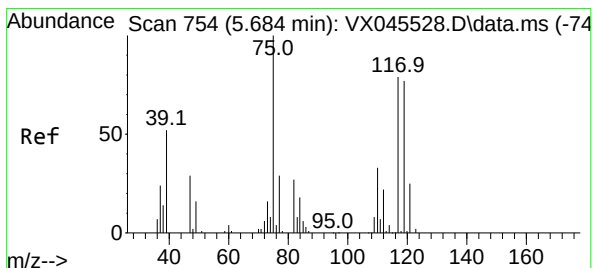
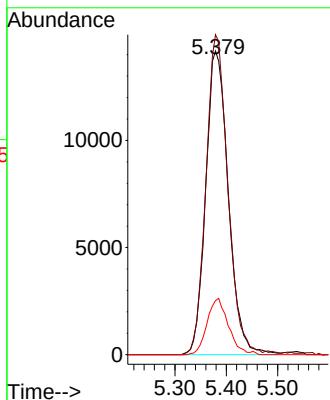
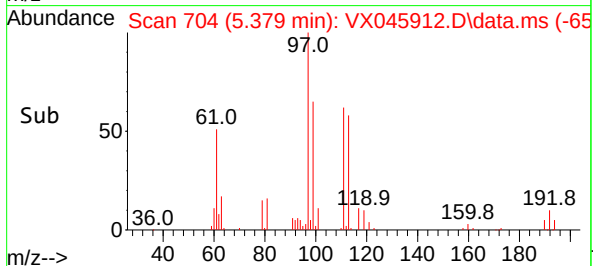
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 4334
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.5 13.8 20.6

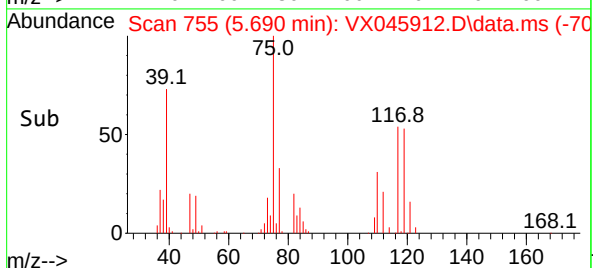
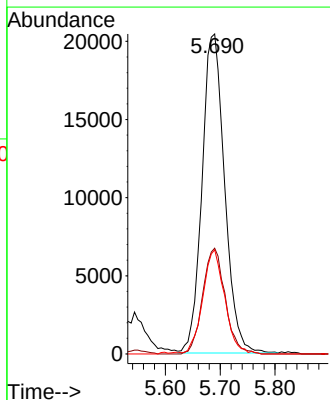
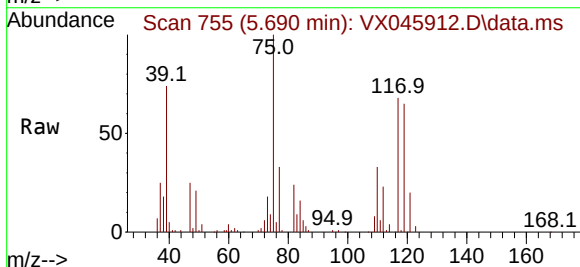
Manual Integrations
APPROVED

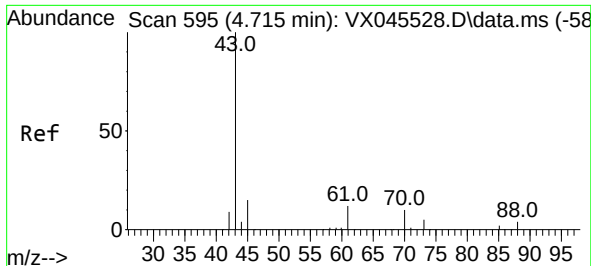
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,1-Dichloropropene
Concen: 50.876 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Tgt Ion: 75 Resp: 58433
Ion Ratio Lower Upper
75 100
110 33.0 16.9 50.6
77 31.9 25.0 37.4





#37

Ethyl Acetate

Concen: 51.493 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045912.D

Acq: 23 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 7453

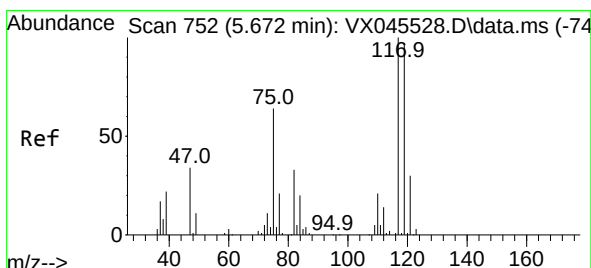
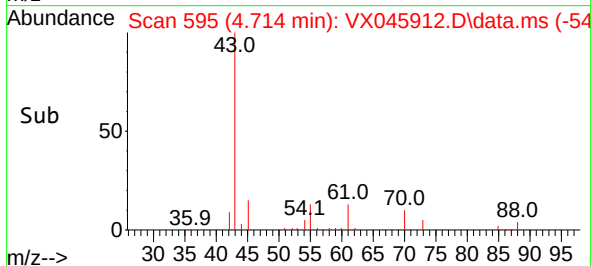
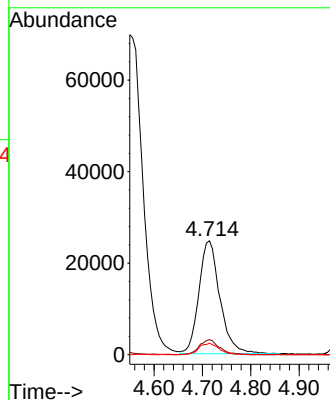
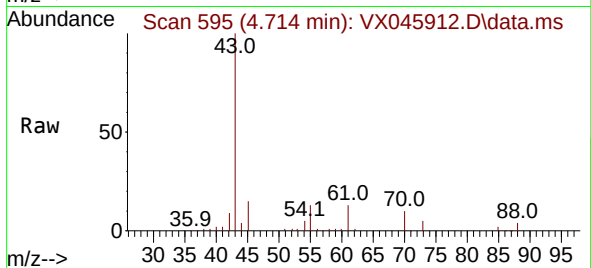
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	9.7	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Carbon Tetrachloride

Concen: 54.226 ug/l

RT: 5.672 min Scan# 752

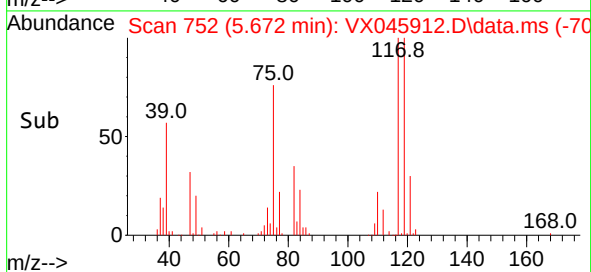
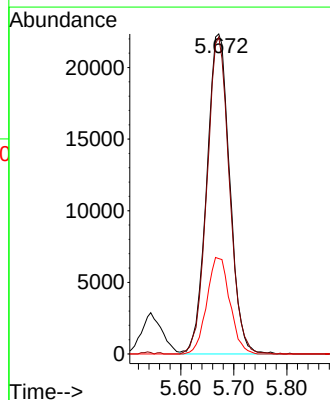
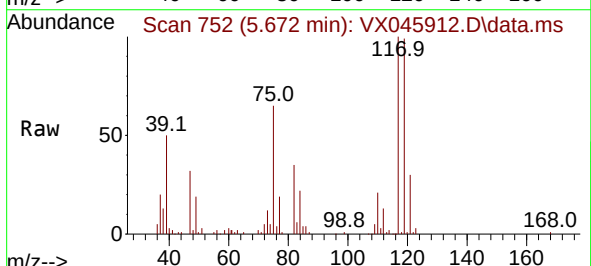
Delta R.T. -0.000 min

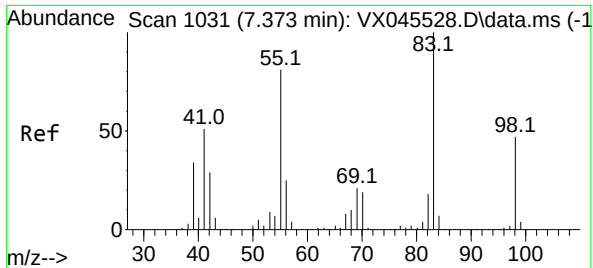
Lab File: VX045912.D

Acq: 23 Apr 2025 16:52

Tgt Ion:117 Resp: 67310

Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.9	115.3
121	29.8	24.2	36.2





#39
Methylcyclohexane
Concen: 52.394 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

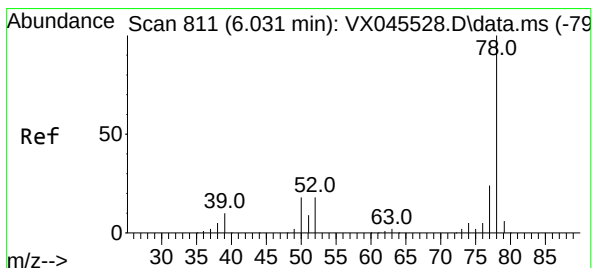
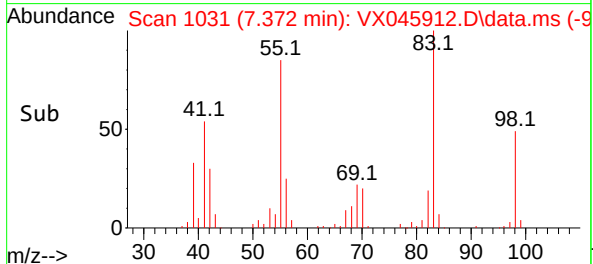
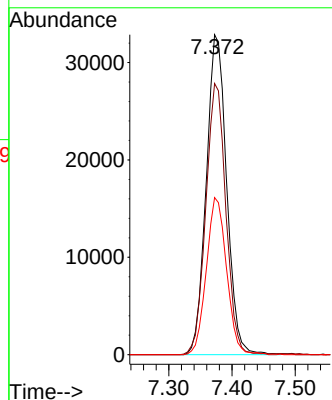
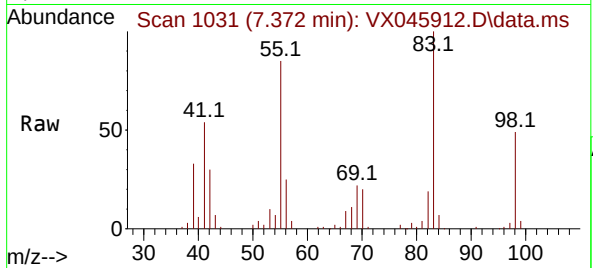
Tgt Ion: 83 Resp: 7376
Ion Ratio Lower Upper
83 100
55 84.8 64.9 97.3
98 49.1 37.4 56.0

Manual Integrations

APPROVED

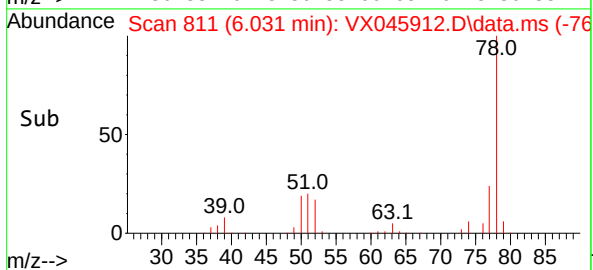
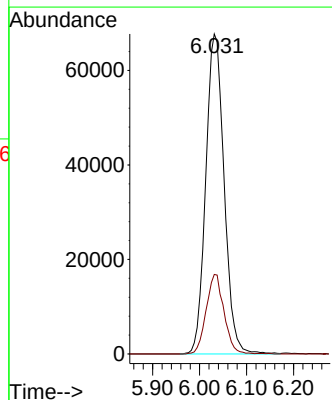
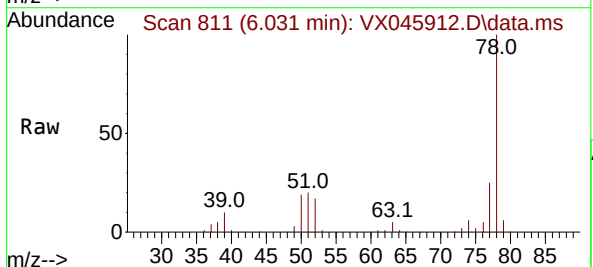
Reviewed By :John Carlone 04/24/2025

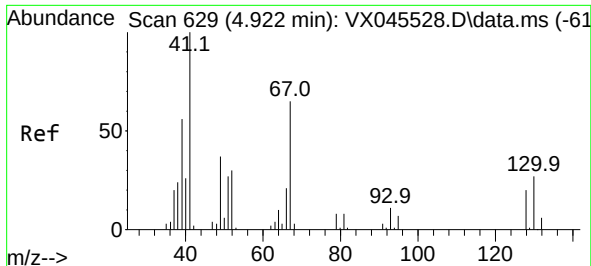
Supervised By :Mahesh Dadoda 04/25/2025



#40
Benzene
Concen: 52.352 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

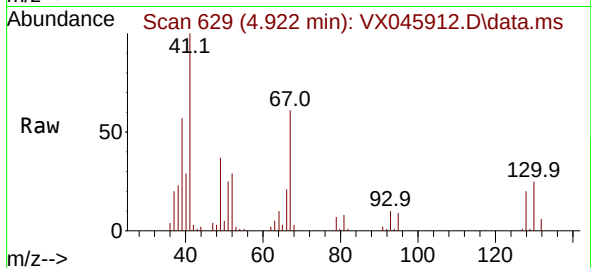
Tgt Ion: 78 Resp: 183640
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6





#41
Methacrylonitrile
Concen: 56.063 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

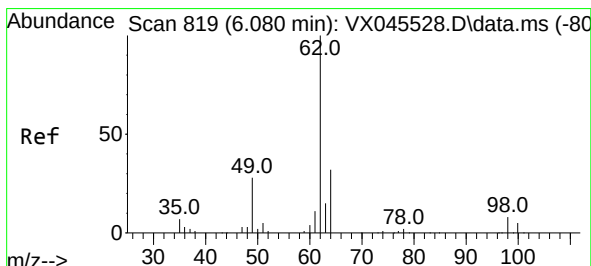
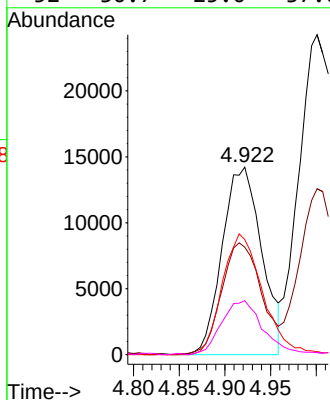
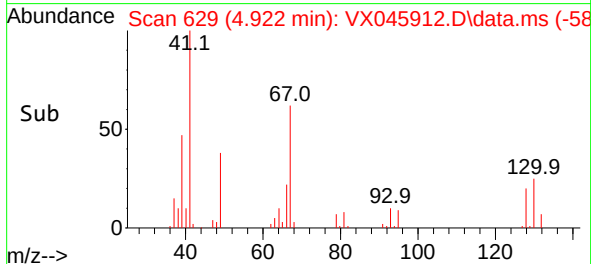
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	4281
Ion	Ratio	Lower	Upper
41	100		
39	60.0	47.0	70.6
67	66.0	53.2	79.8
52	30.7	25.0	37.6

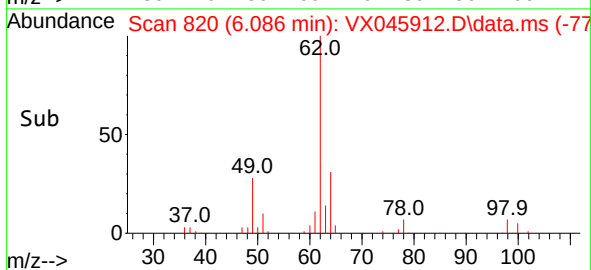
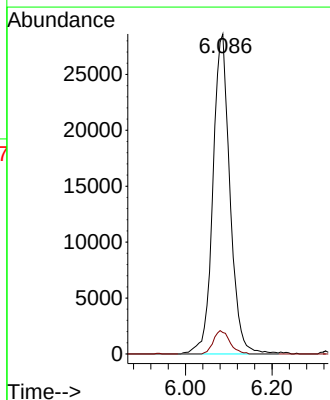
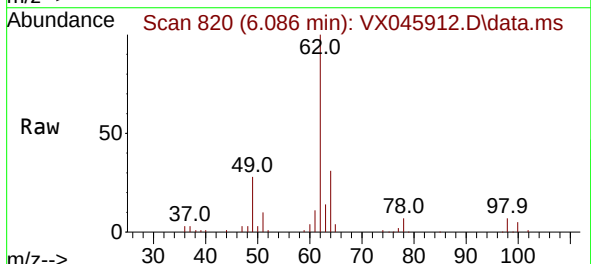
Manual Integrations
APPROVED

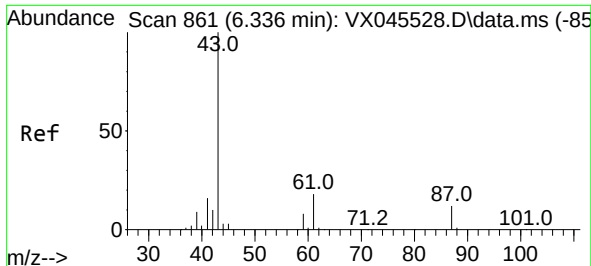
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
1,2-Dichloroethane
Concen: 54.023 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

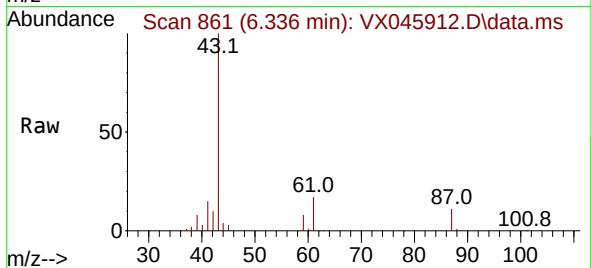
Tgt Ion:	62	Resp:	78269
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	15.2





#43
Isopropyl Acetate
Concen: 54.205 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

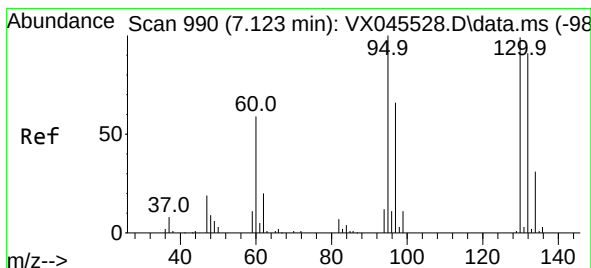
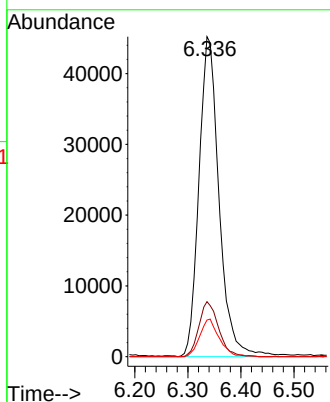
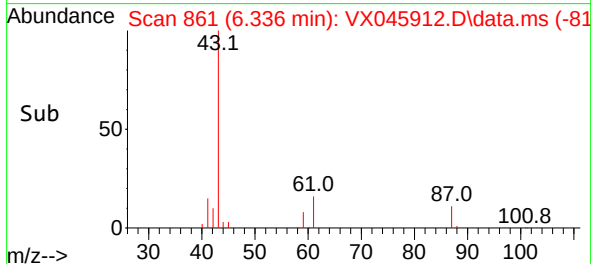
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 118912
Ion Ratio Lower Upper
43 100
61 16.8 14.1 21.1
87 11.4 9.2 13.8

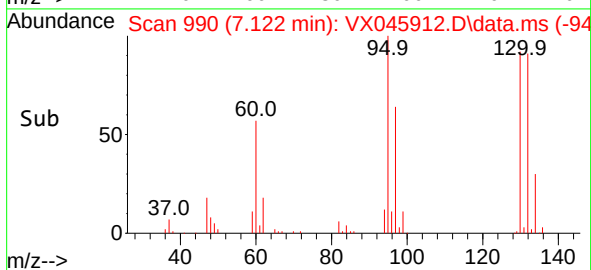
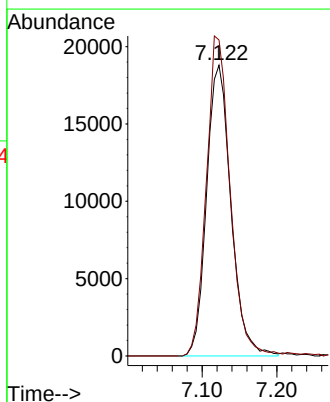
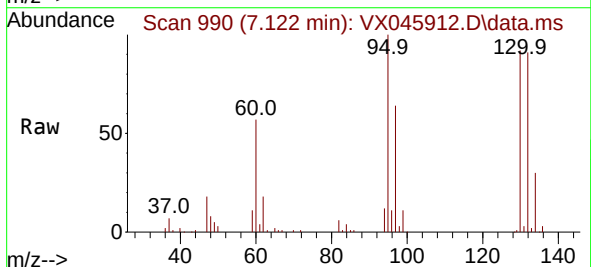
Manual Integrations
APPROVED

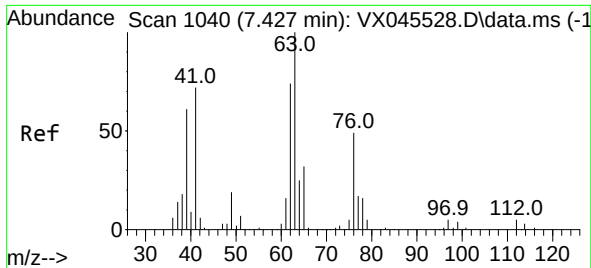
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#44
Trichloroethene
Concen: 51.058 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Tgt Ion:130 Resp: 42569
Ion Ratio Lower Upper
130 100
95 108.7 0.0 202.0





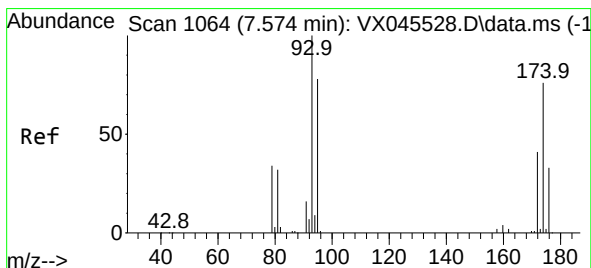
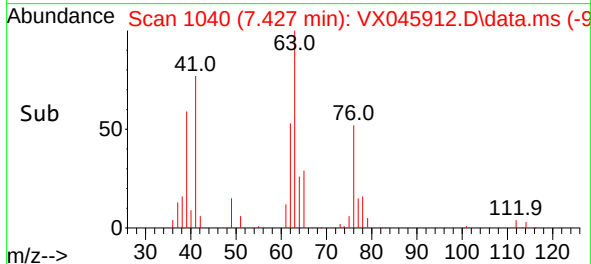
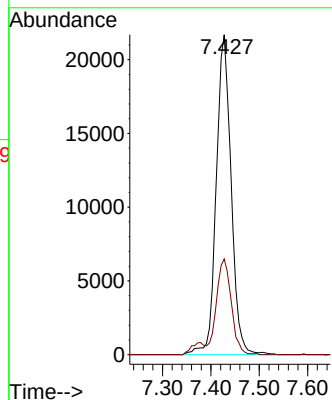
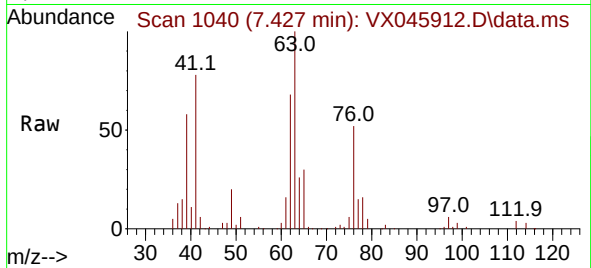
#45
1,2-Dichloropropane
Concen: 53.012 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 4639
Ion Ratio Lower Upper
63 100
65 29.9 25.8 38.6

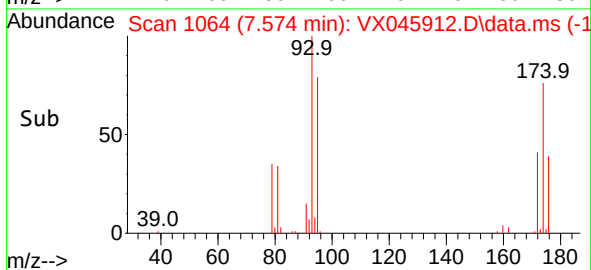
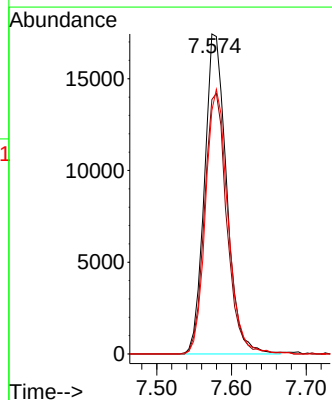
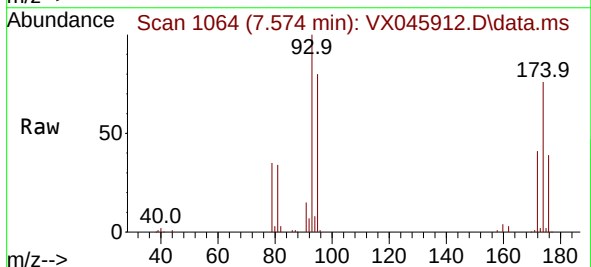
Manual Integrations
APPROVED

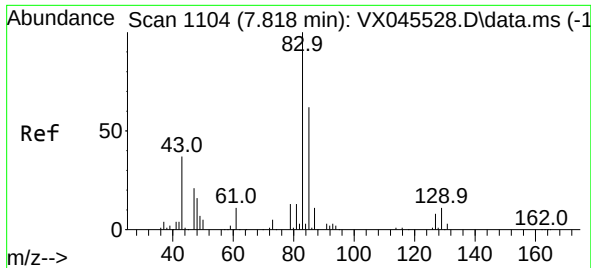
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#46
Dibromomethane
Concen: 53.313 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Tgt Ion: 93 Resp: 35819
Ion Ratio Lower Upper
93 100
95 82.5 64.8 97.2
174 83.5 65.4 98.0





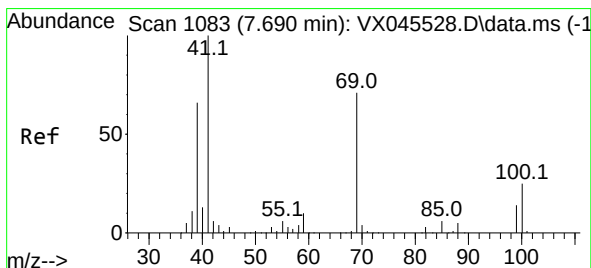
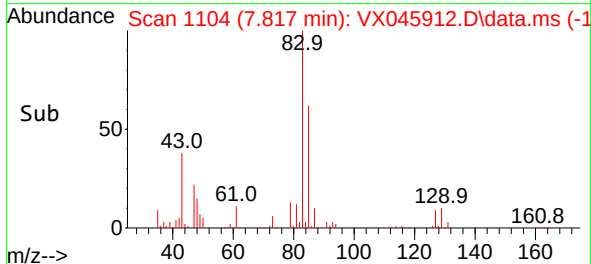
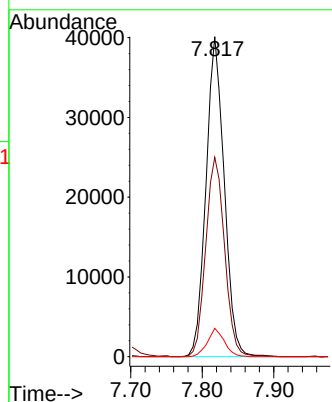
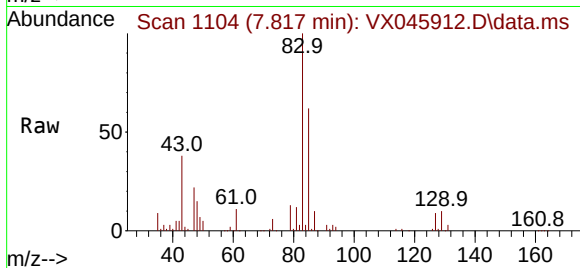
#47
Bromodichloromethane
Concen: 53.015 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 7113
Ion Ratio Lower Upper
83 100
85 62.3 49.7 74.5
127 8.8 6.1 9.1

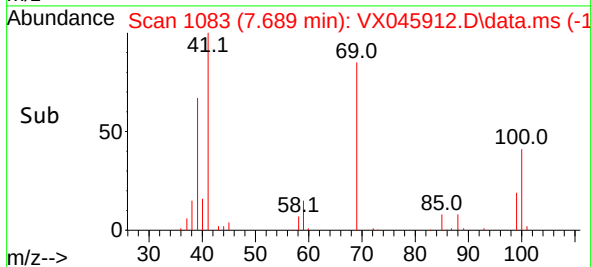
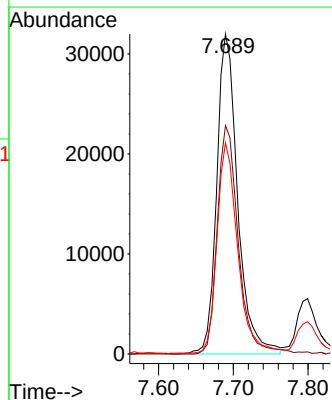
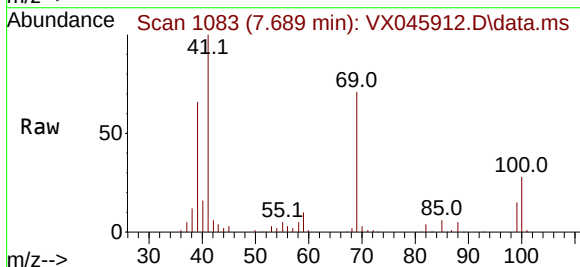
Manual Integrations
APPROVED

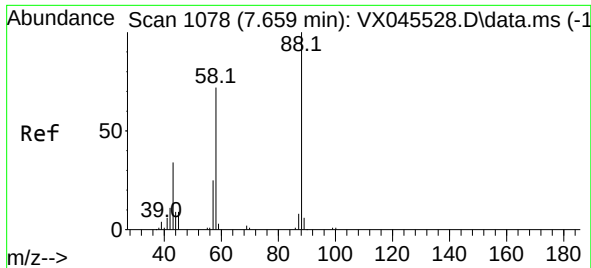
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
Methyl methacrylate
Concen: 55.060 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

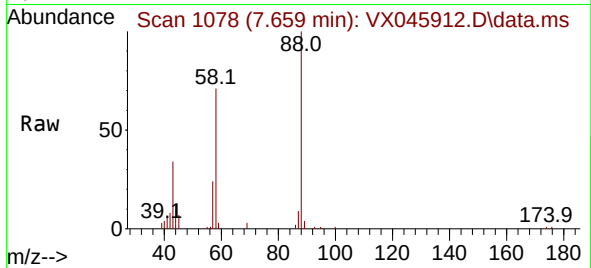
Tgt Ion: 41 Resp: 62365
Ion Ratio Lower Upper
41 100
69 72.2 58.2 87.2
39 66.1 53.6 80.4





#49
1,4-Dioxane
Concen: 1211.199 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

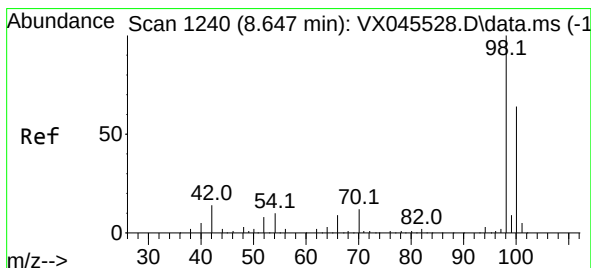
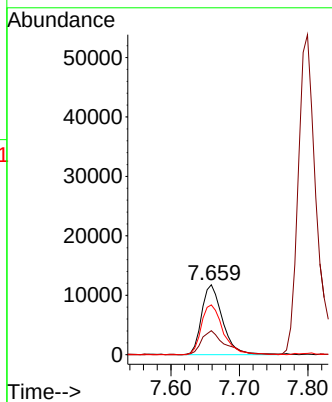
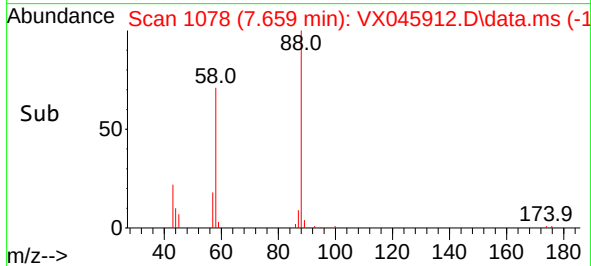
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2482
Ion Ratio Lower Upper
88 100
43 39.0 32.2 48.4
58 74.3 58.6 88.0

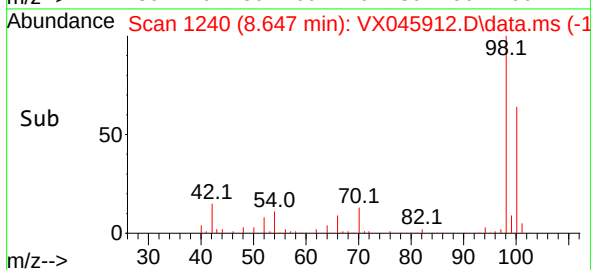
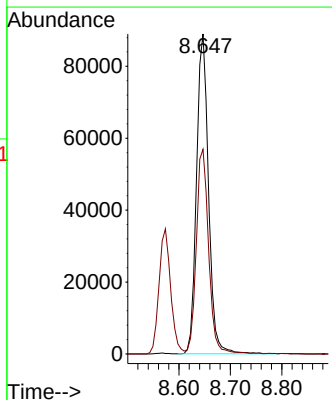
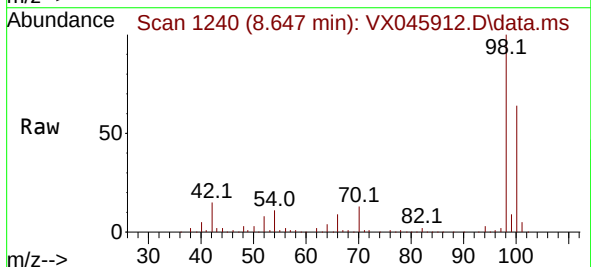
Manual Integrations
APPROVED

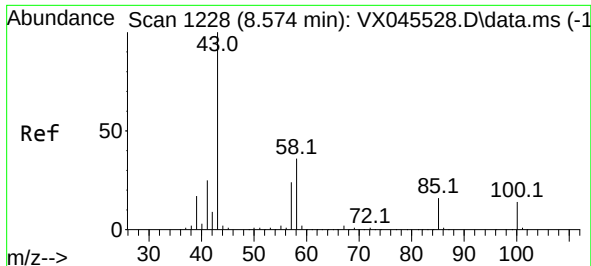
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#50
Toluene-d8
Concen: 48.505 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

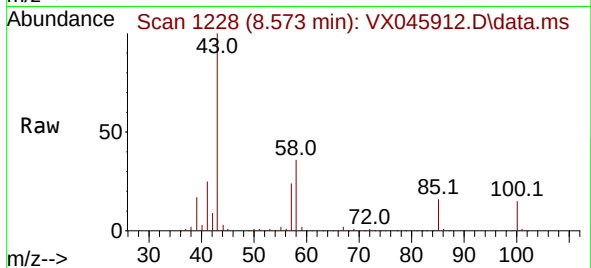
Tgt Ion: 98 Resp: 144015
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 274.851 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

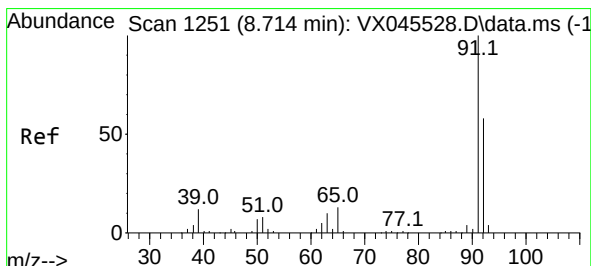
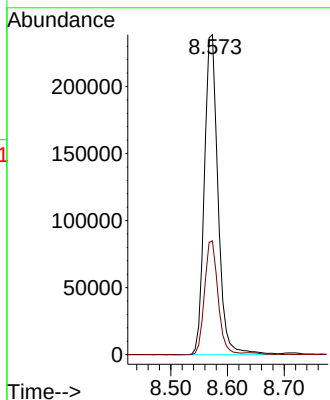
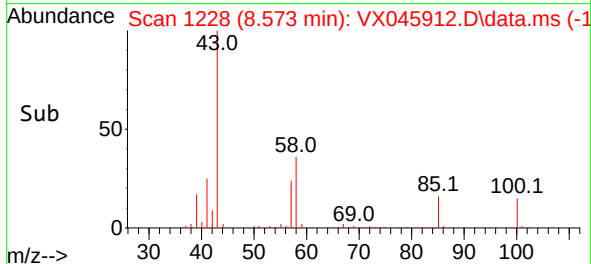
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 39970
Ion Ratio Lower Upper
43 100
58 35.3 28.5 42.7

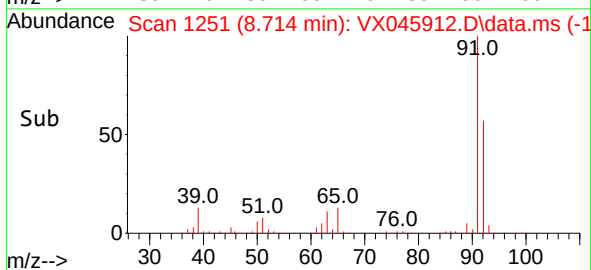
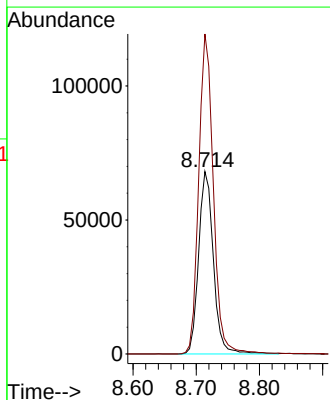
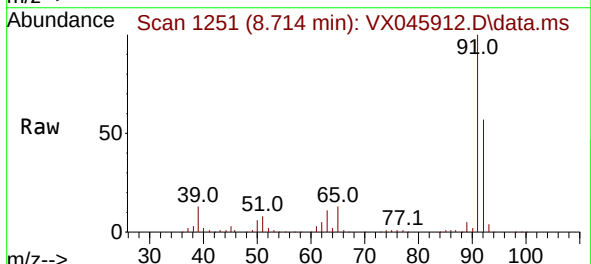
Manual Integrations
APPROVED

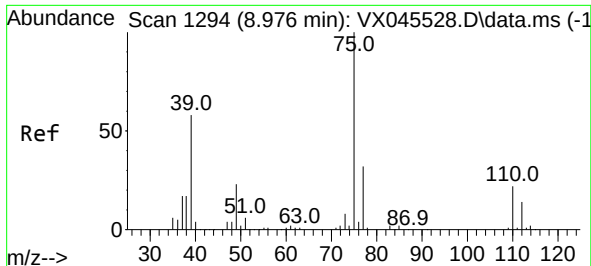
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#52
Toluene
Concen: 52.297 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Tgt Ion: 92 Resp: 111003
Ion Ratio Lower Upper
92 100
91 173.4 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 47.669 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045912.D

Acq: 23 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 61362

Ion Ratio Lower Upper

75 100

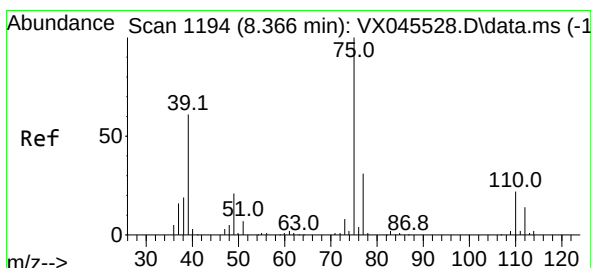
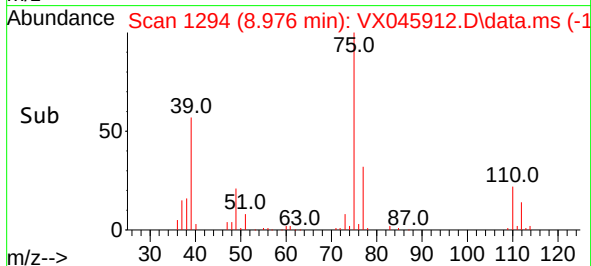
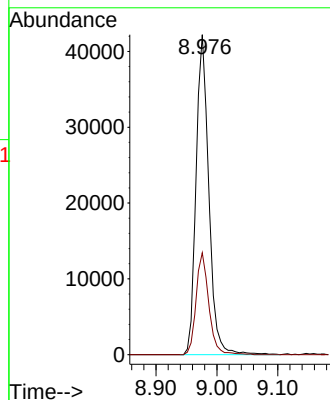
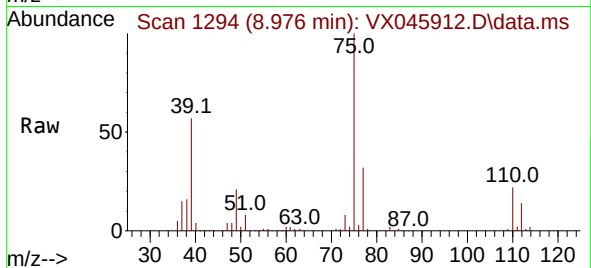
77 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#54

cis-1,3-Dichloropropene

Concen: 55.112 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045912.D

Acq: 23 Apr 2025 16:52

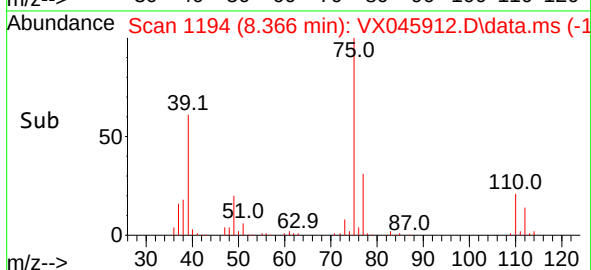
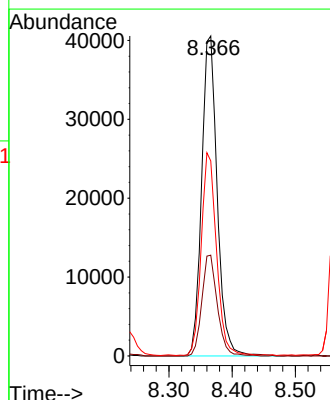
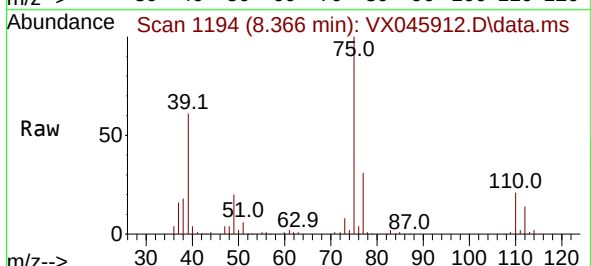
Tgt Ion: 75 Resp: 69489

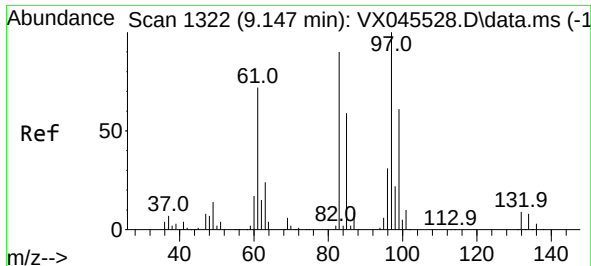
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

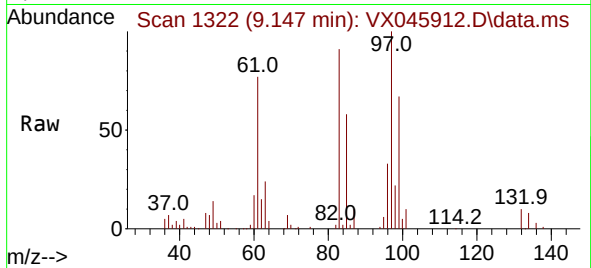
39 60.7 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 52.091 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

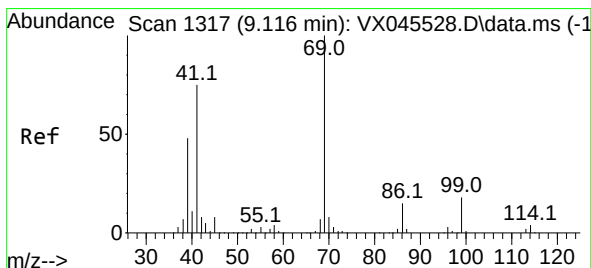
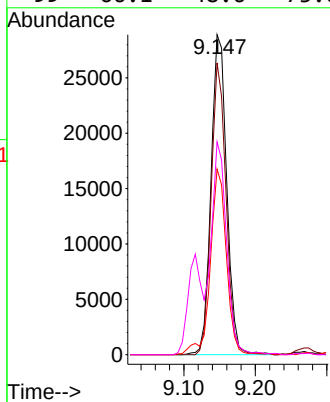
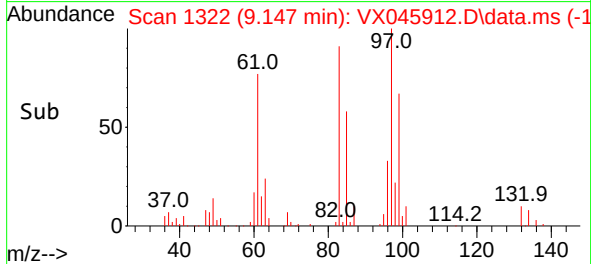
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



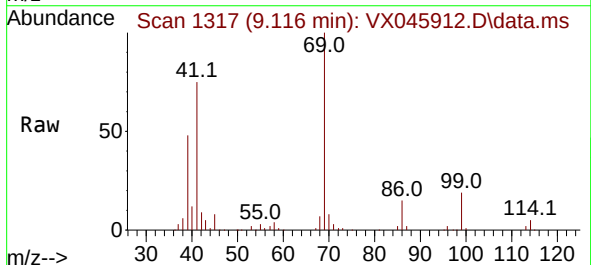
Tgt Ion: 97 Resp: 44059
Ion Ratio Lower Upper
97 100
83 91.2 71.8 107.8
85 58.0 47.0 70.6
99 66.1 48.6 73.0

Manual Integrations
APPROVED

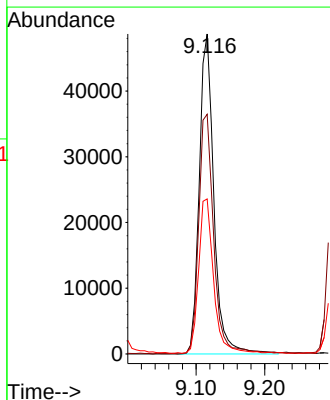
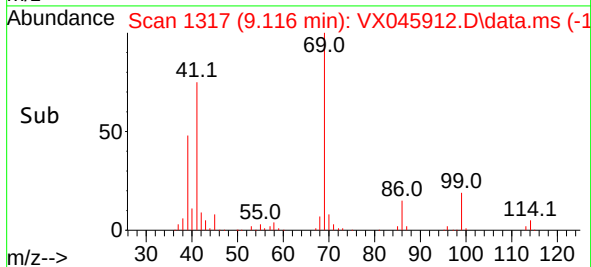
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

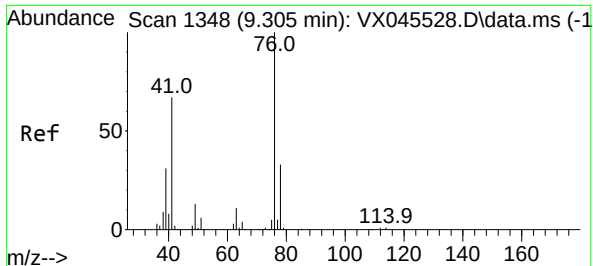


#56
Ethyl methacrylate
Concen: 55.220 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



Tgt Ion: 69 Resp: 72283
Ion Ratio Lower Upper
69 100
41 77.9 61.3 91.9
39 49.4 40.2 60.2





#57

1,3-Dichloropropane

Concen: 53.635 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045912.D

Acq: 23 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 7899

Ion Ratio Lower Upper

76 100

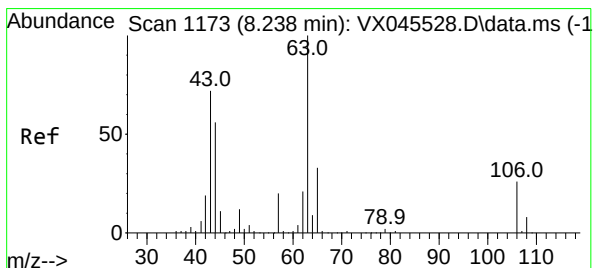
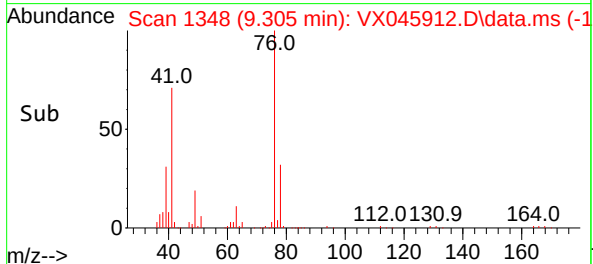
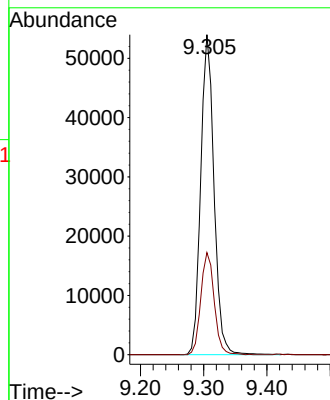
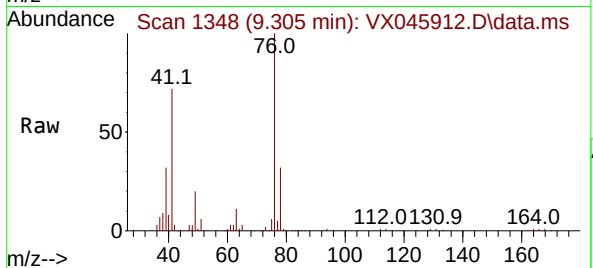
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 234.271 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045912.D

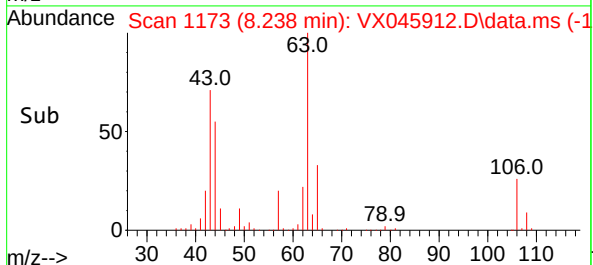
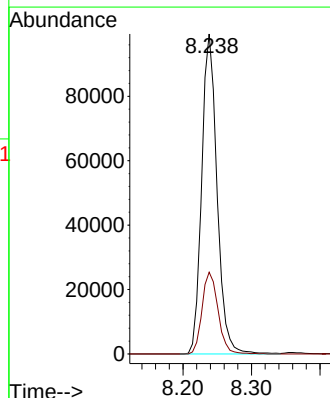
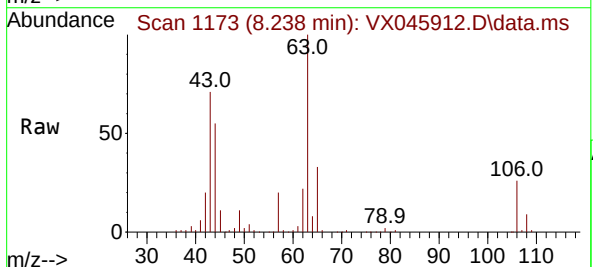
Acq: 23 Apr 2025 16:52

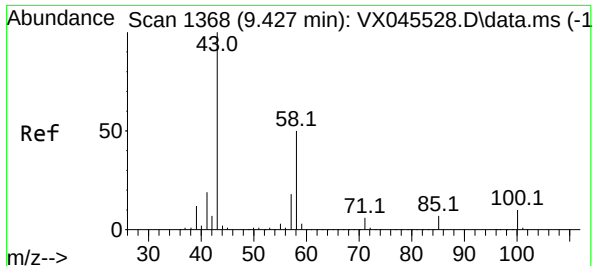
Tgt Ion: 63 Resp: 155130

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.6





#59

2-Hexanone

Concen: 276.837 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045912.D

Acq: 23 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 29813

Ion Ratio Lower Upper

43 100

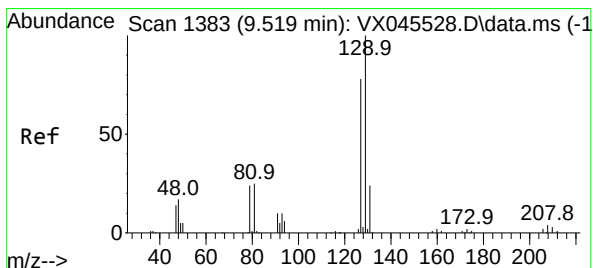
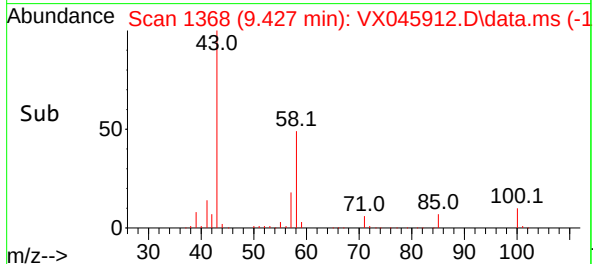
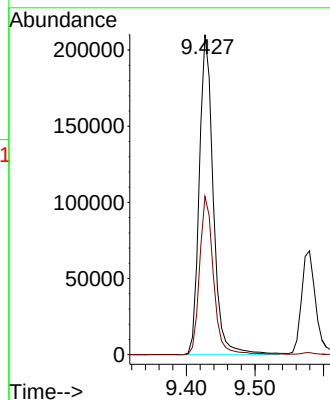
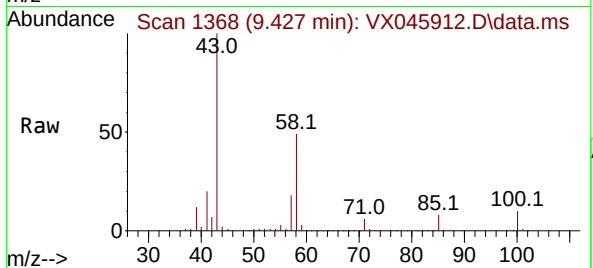
58 49.5 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#60

Dibromochloromethane

Concen: 53.990 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045912.D

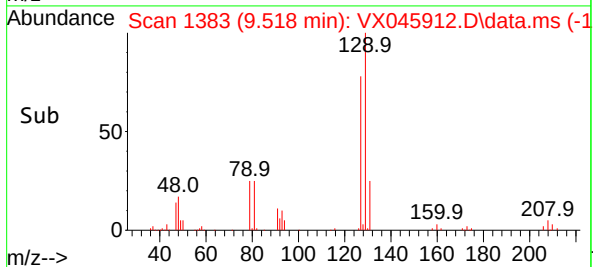
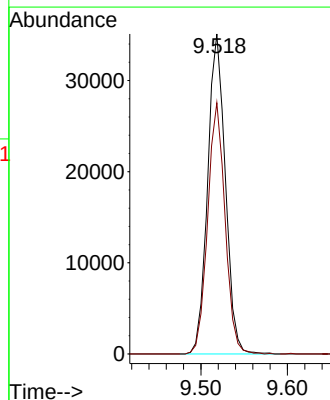
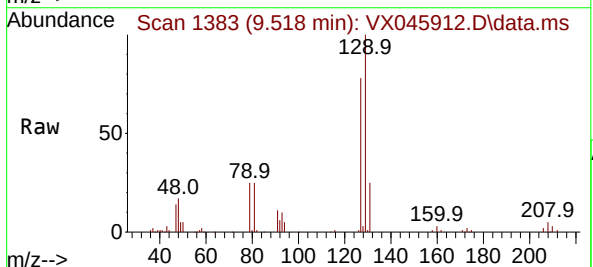
Acq: 23 Apr 2025 16:52

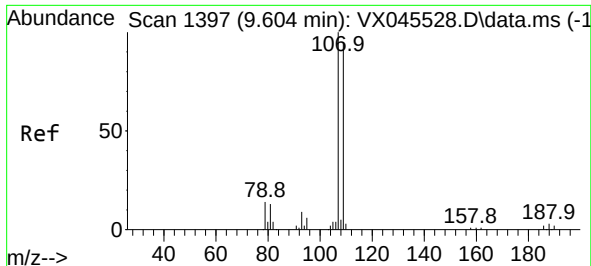
Tgt Ion:129 Resp: 49784

Ion Ratio Lower Upper

129 100

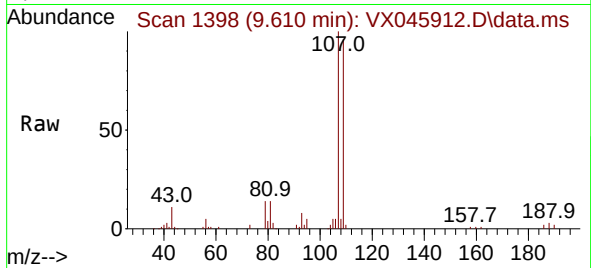
127 77.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 54.041 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

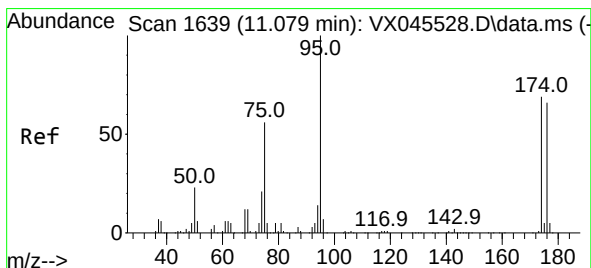
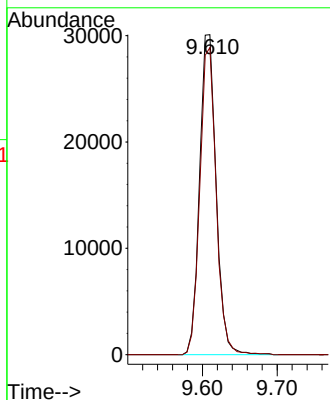
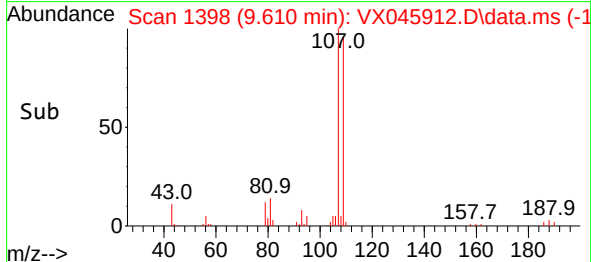
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 4627
Ion Ratio Lower Upper
107 100
109 94.8 75.7 113.5

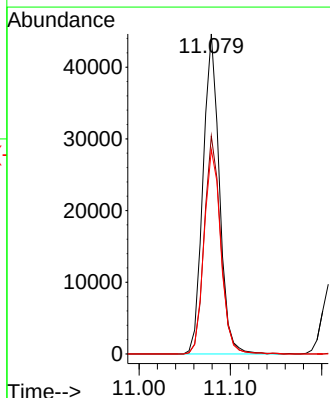
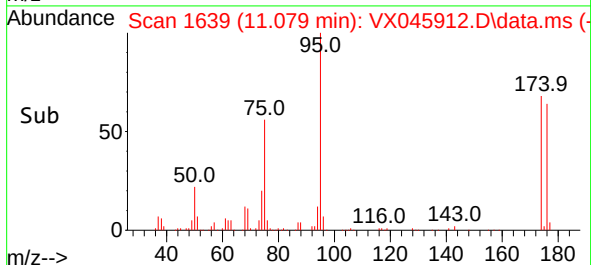
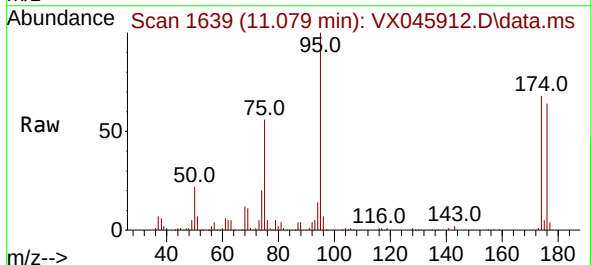
Manual Integrations
APPROVED

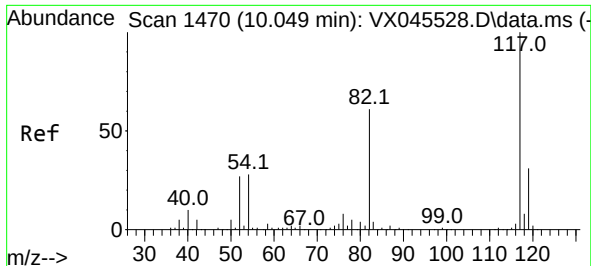
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#62
4-Bromofluorobenzene
Concen: 51.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

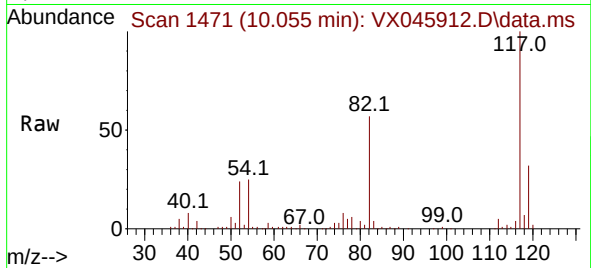
Tgt Ion: 95 Resp: 55204
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 65.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

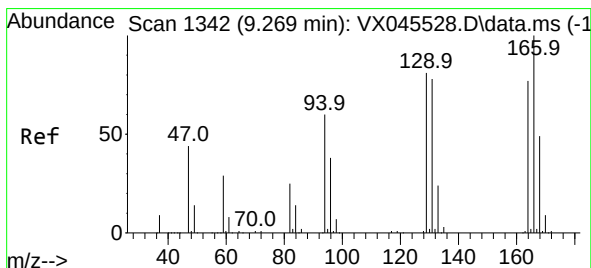
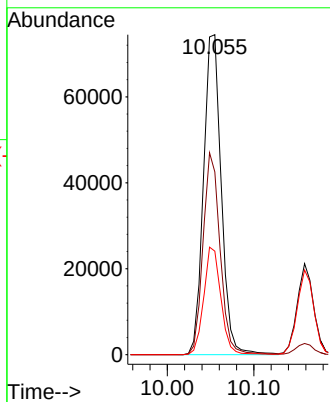
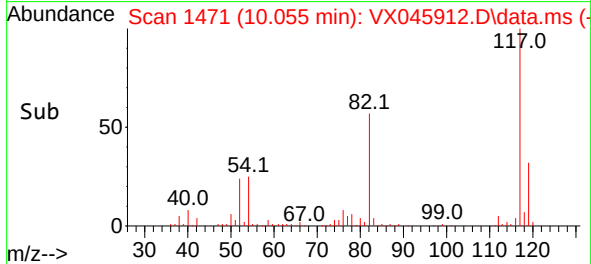
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 106190
Ion Ratio Lower Upper
117 100
82 57.1 49.2 73.8
119 32.4 25.1 37.7

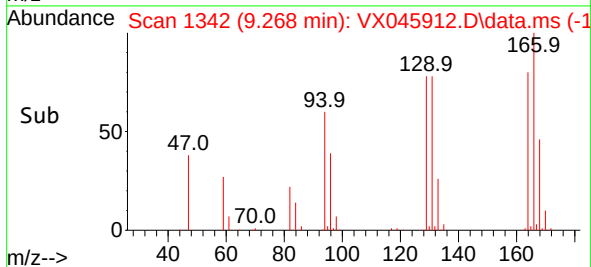
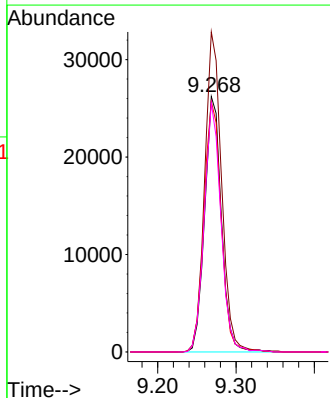
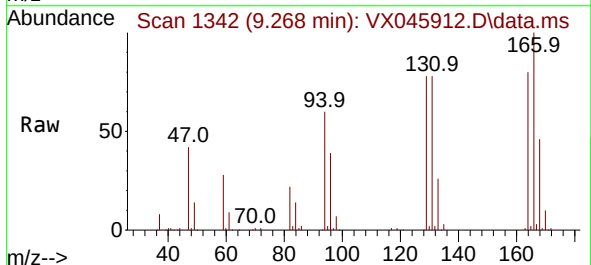
Manual Integrations
APPROVED

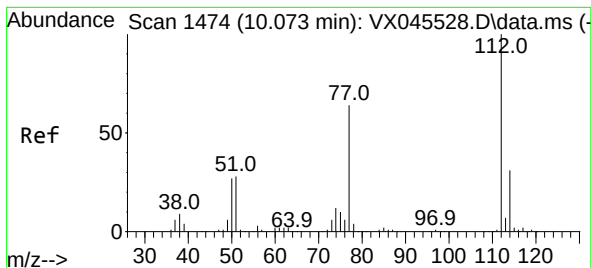
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Tetrachloroethene
Concen: 51.821 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

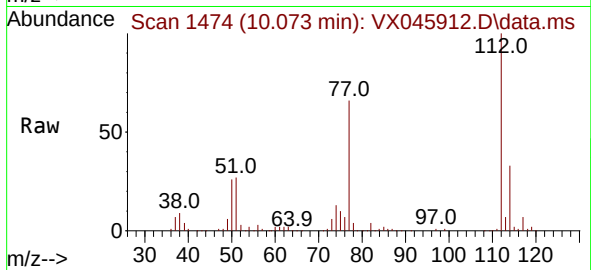
Tgt Ion:164 Resp: 38854
Ion Ratio Lower Upper
164 100
166 125.3 103.8 155.8
129 98.1 84.3 126.5
131 97.4 80.9 121.3





#65
Chlorobenzene
Concen: 52.143 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

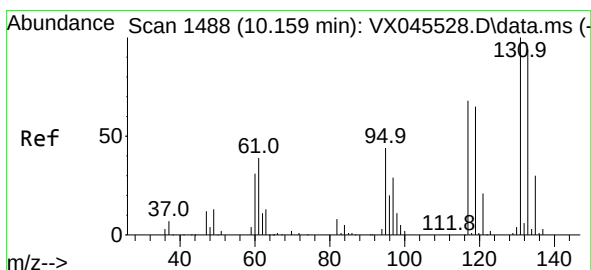
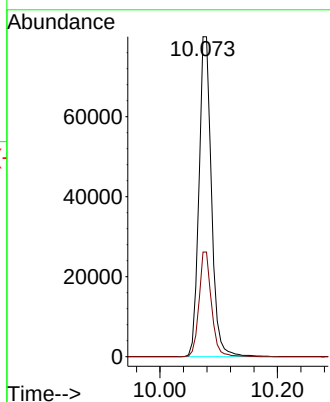
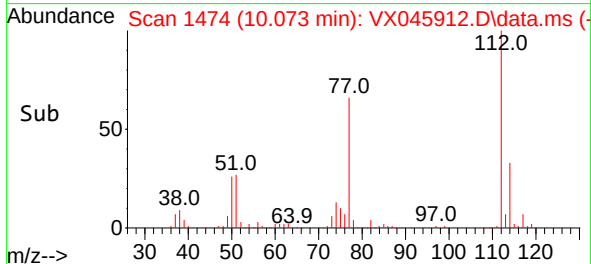
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



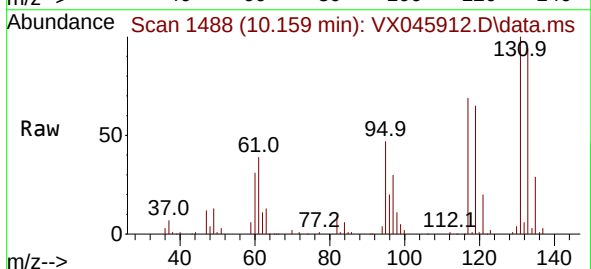
Tgt Ion:112 Resp: 11832
Ion Ratio Lower Upper
112 100
114 32.7 24.7 37.1

Manual Integrations
APPROVED

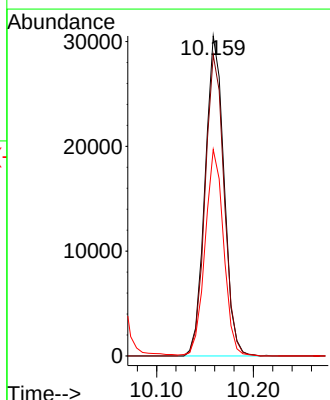
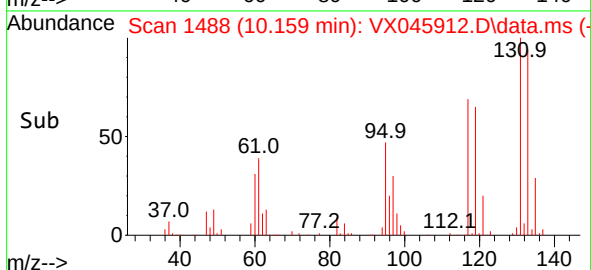
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

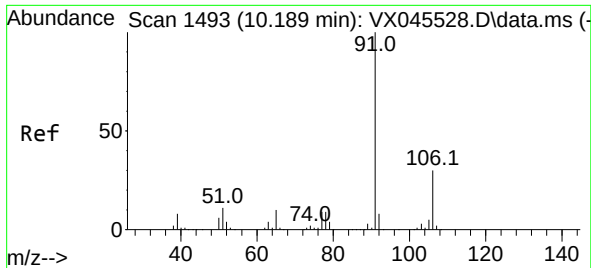


#66
1,1,1,2-Tetrachloroethane
Concen: 52.758 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



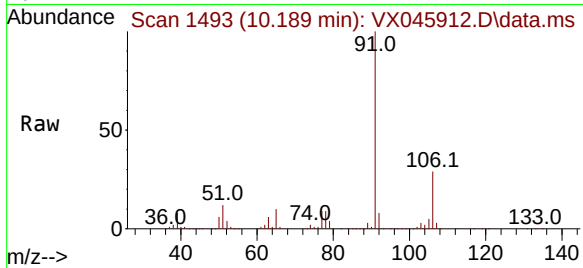
Tgt Ion:131 Resp: 41565
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.5
119 63.2 32.9 98.6





#67
Ethyl Benzene
Concen: 53.194 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

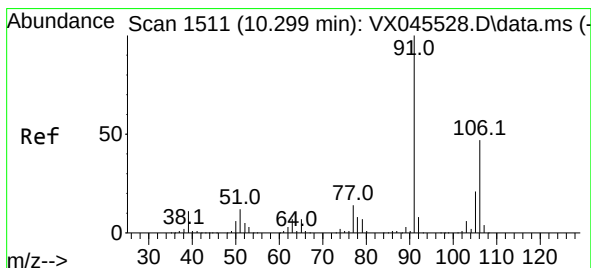
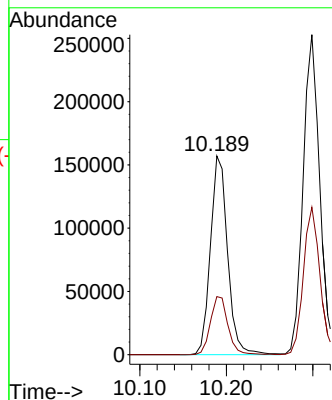
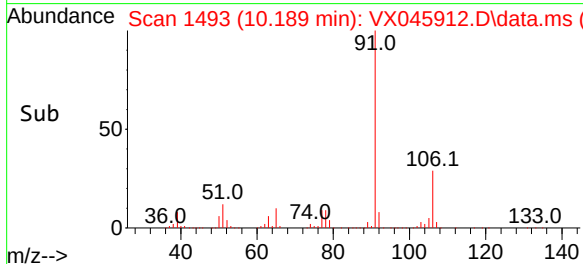
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



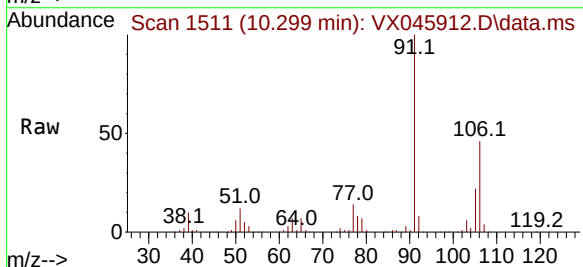
Tgt Ion: 91 Resp: 216192
Ion Ratio Lower Upper
91 100
106 29.2 23.7 35.5

Manual Integrations
APPROVED

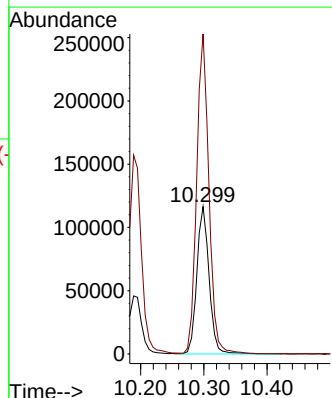
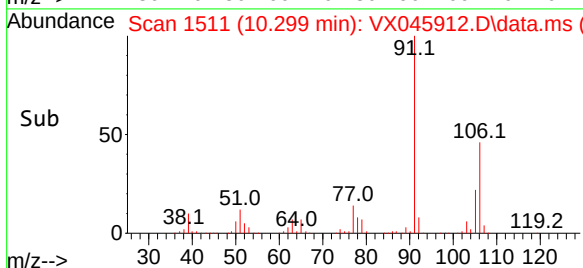
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

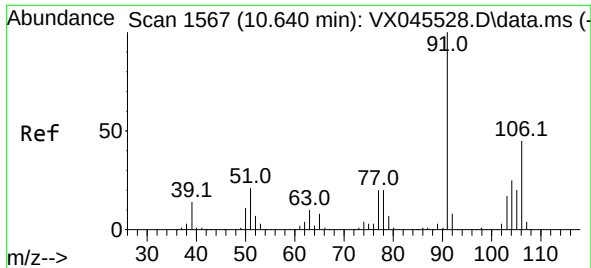


#68
m/p-Xylenes
Concen: 106.176 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



Tgt Ion:106 Resp: 156948
Ion Ratio Lower Upper
106 100
91 216.5 172.6 258.8





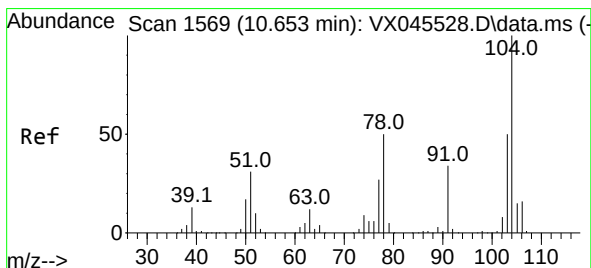
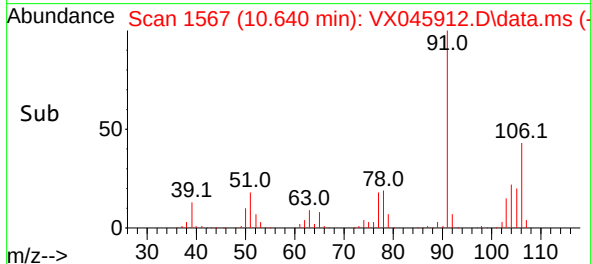
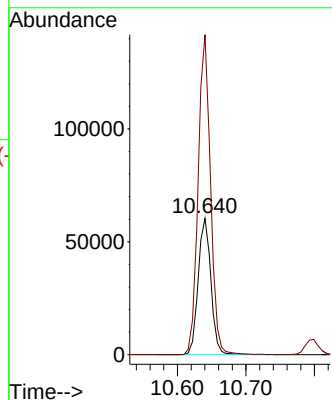
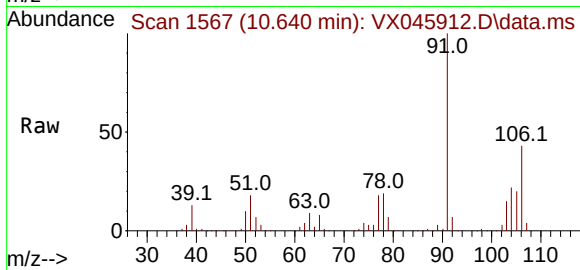
#69
o-Xylene
Concen: 53.565 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 78000
Ion Ratio Lower Upper
106 100
91 229.3 113.6 340.6

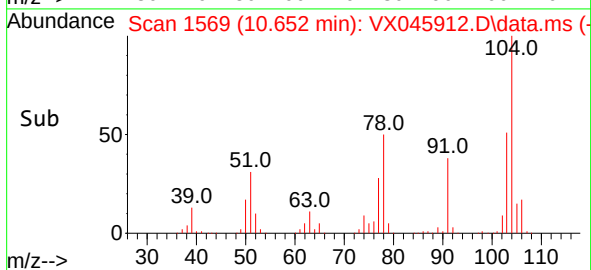
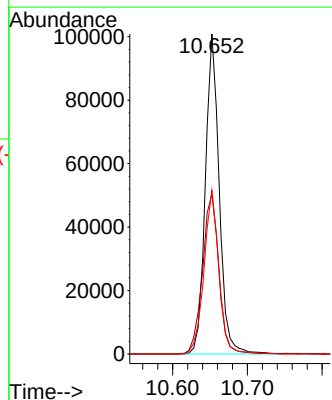
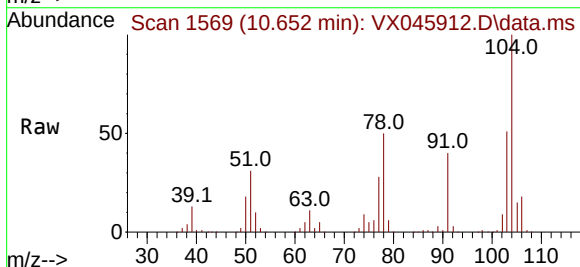
Manual Integrations
APPROVED

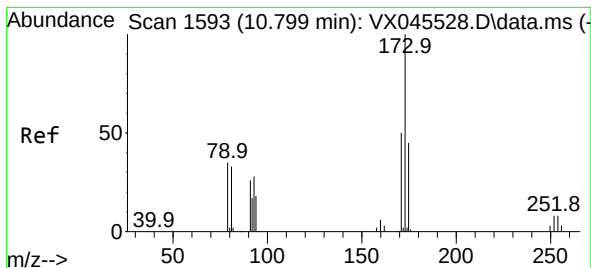
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Styrene
Concen: 54.164 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

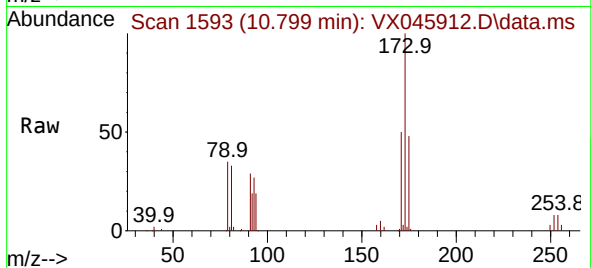
Tgt Ion:104 Resp: 130176
Ion Ratio Lower Upper
104 100
78 58.7 45.4 68.2
103 55.3 43.8 65.8





#71
Bromoform
Concen: 53.273 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

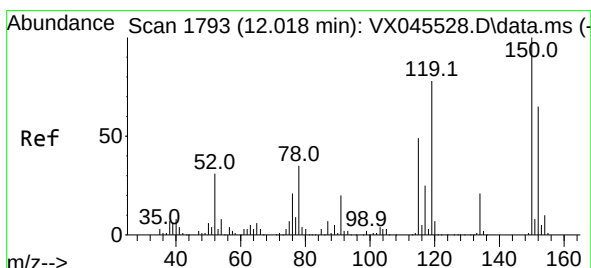
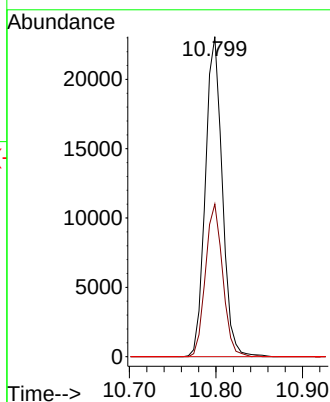
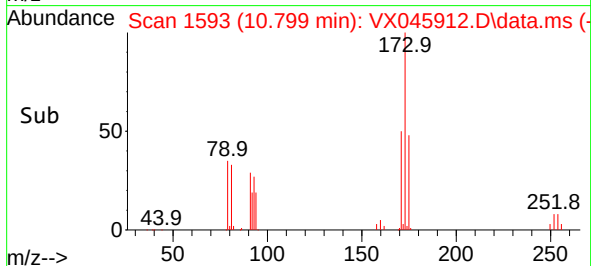
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



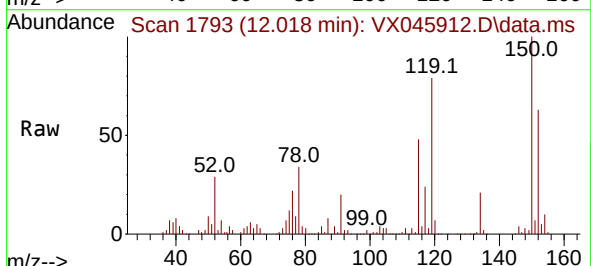
Tgt Ion:173 Resp: 31338
Ion Ratio Lower Upper
173 100
175 48.6 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

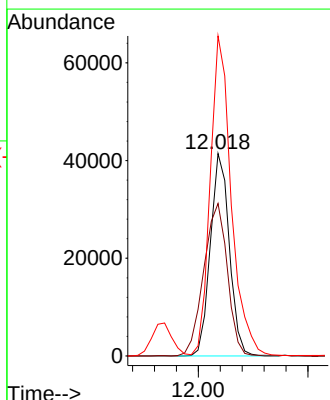
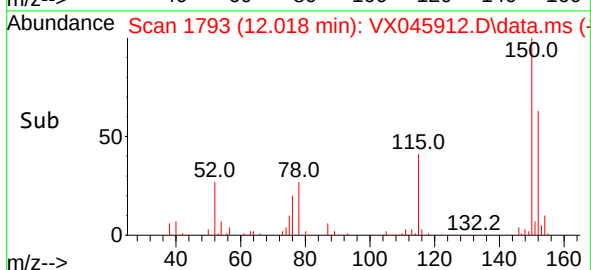
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

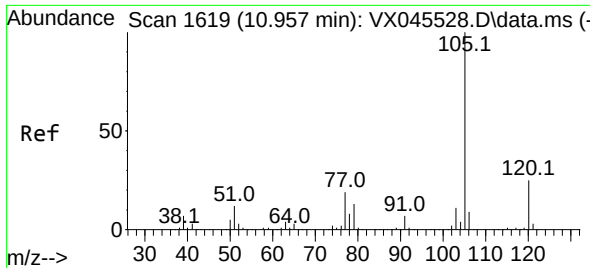


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



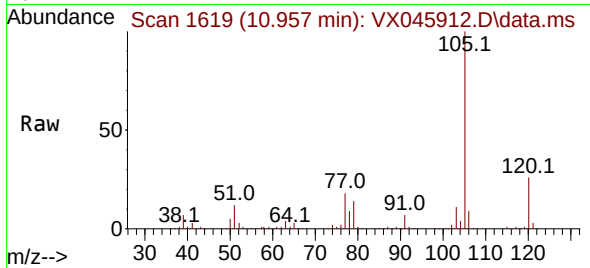
Tgt Ion:152 Resp: 49863
Ion Ratio Lower Upper
152 100
115 93.8 46.9 140.7
150 174.8 0.0 349.4





#73
Isopropylbenzene
Concen: 50.988 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

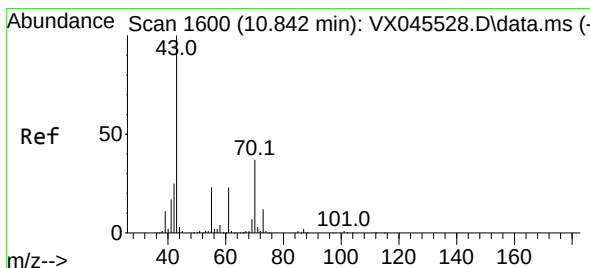
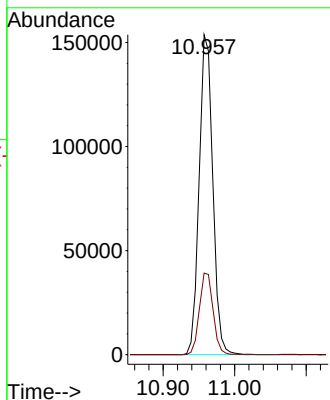
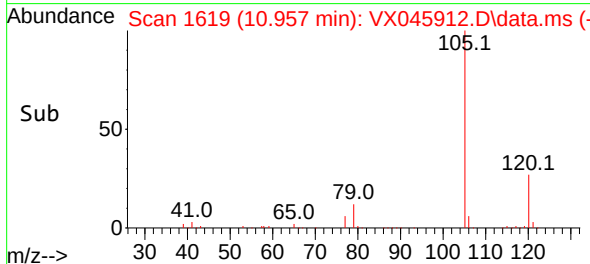
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 203649
Ion Ratio Lower Upper
105 100
120 25.7 12.7 38.0

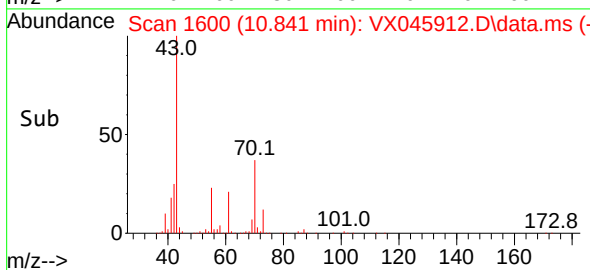
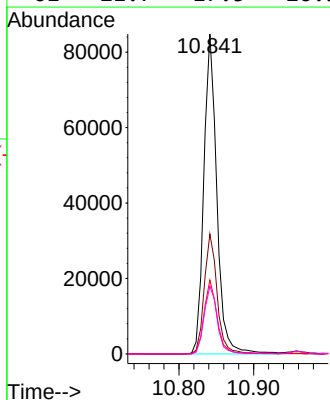
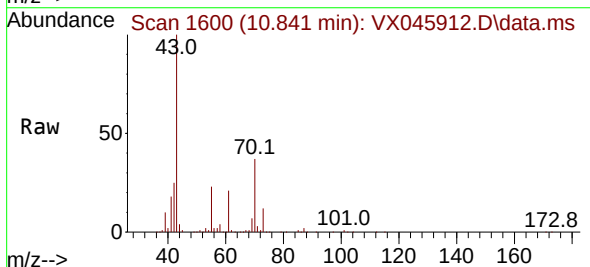
Manual Integrations
APPROVED

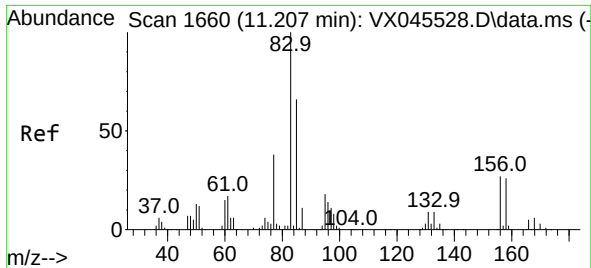
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#74
N-ethyl acetate
Concen: 53.563 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Tgt Ion: 43 Resp: 102335
Ion Ratio Lower Upper
43 100
70 37.5 30.1 45.1
55 23.1 18.3 27.5
61 21.7 17.5 26.3





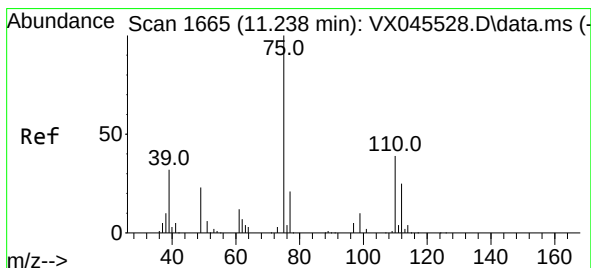
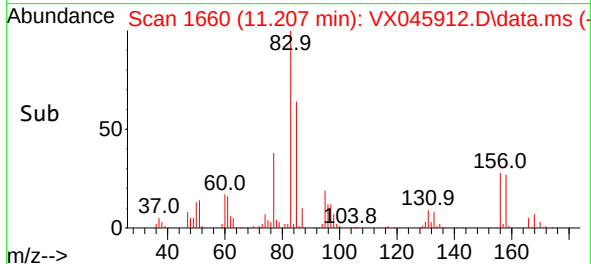
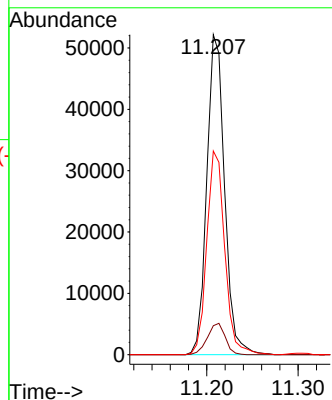
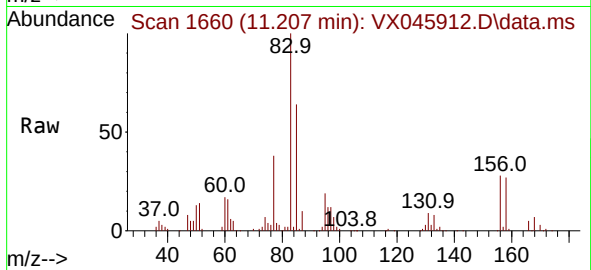
#75
1,1,2,2-Tetrachloroethane
Concen: 50.143 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 70354
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 64.5 32.4 97.2

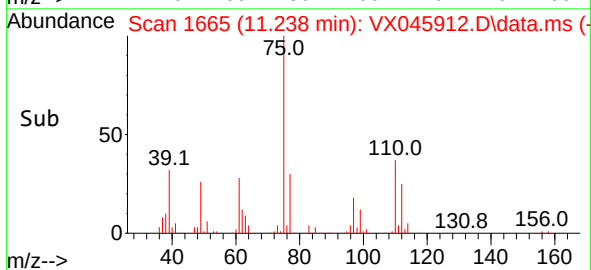
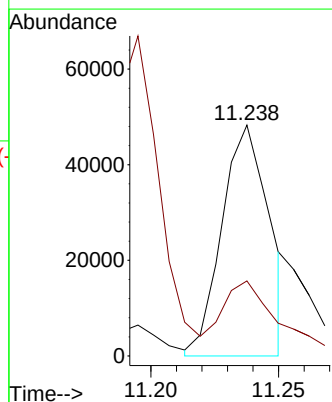
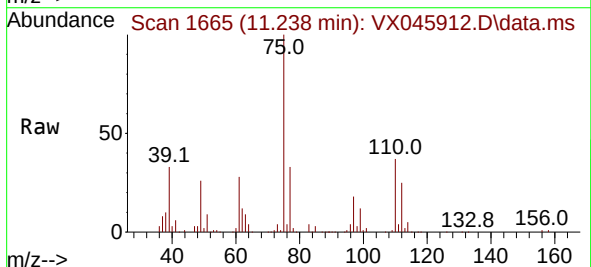
Manual Integrations
APPROVED

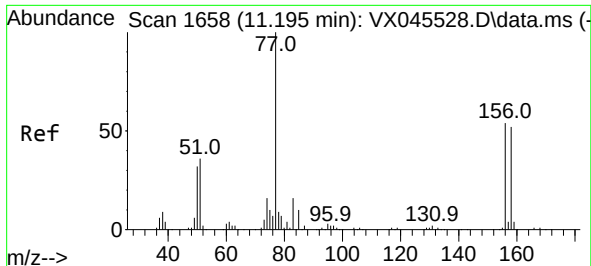
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#76
1,2,3-Trichloropropane
Concen: 50.987 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

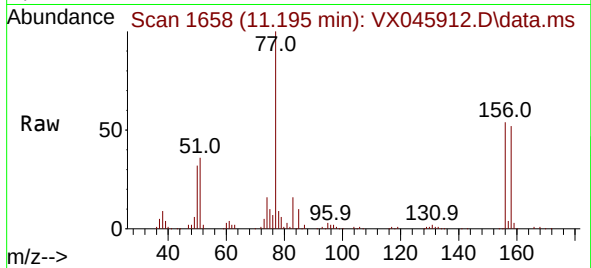
Tgt Ion: 75 Resp: 62014
Ion Ratio Lower Upper
75 100
77 39.5 20.0 59.9





#77
Bromobenzene
Concen: 50.608 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

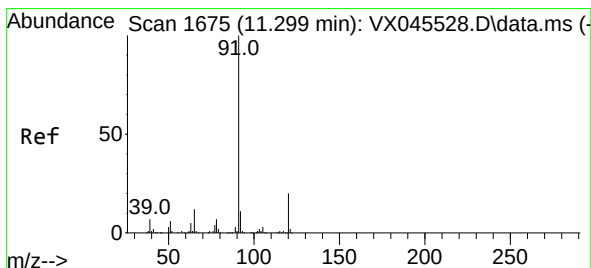
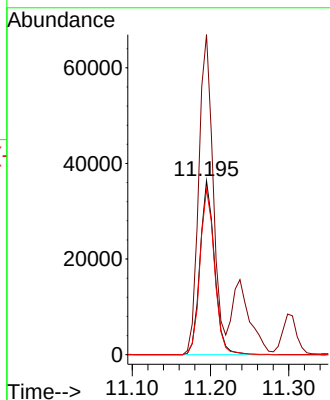
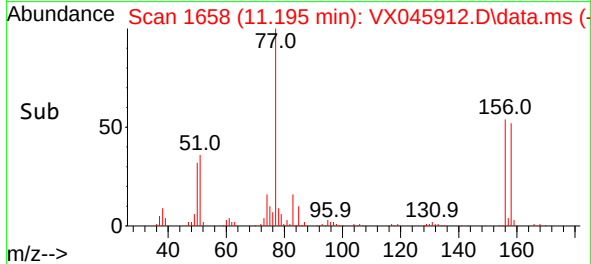
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



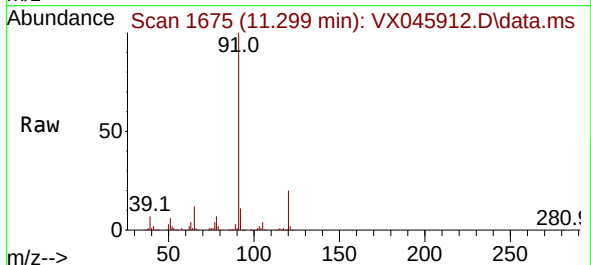
Tgt Ion:156 Resp: 46700
Ion Ratio Lower Upper
156 100
77 183.5 92.6 277.8
158 95.8 48.1 144.4

Manual Integrations
APPROVED

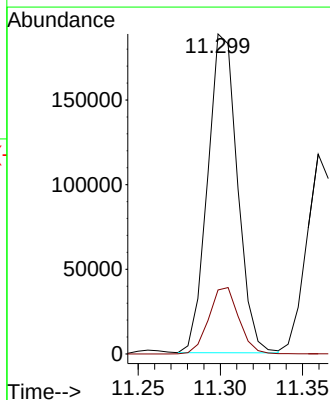
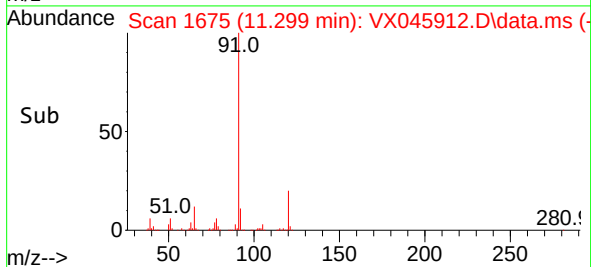
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

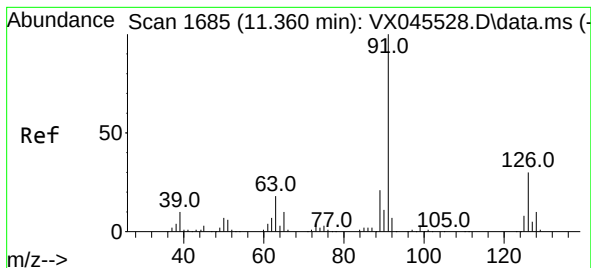


#78
n-propylbenzene
Concen: 51.599 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



Tgt Ion: 91 Resp: 237380
Ion Ratio Lower Upper
91 100
120 21.0 10.8 32.3





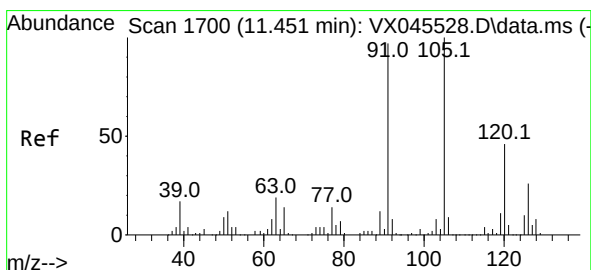
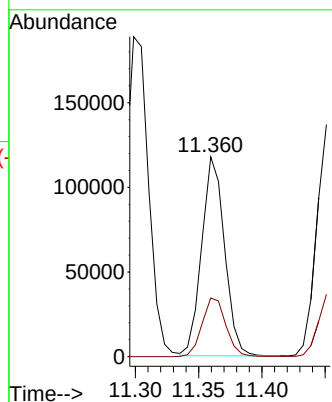
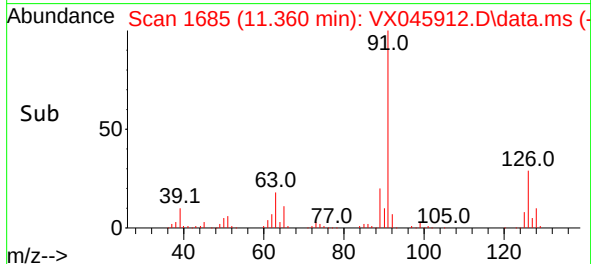
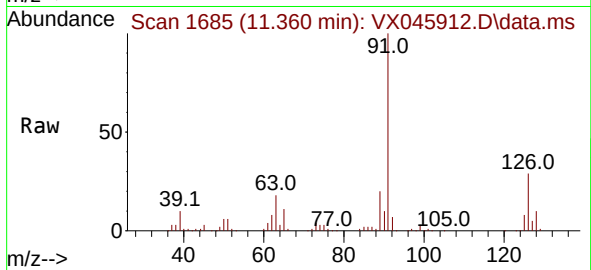
#79
2-Chlorotoluene
Concen: 50.422 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 148295
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.4

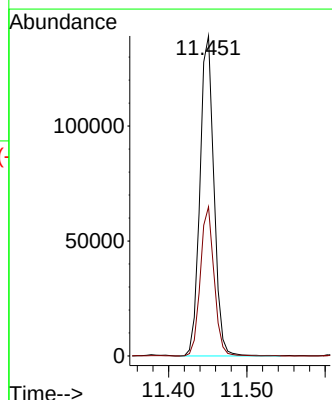
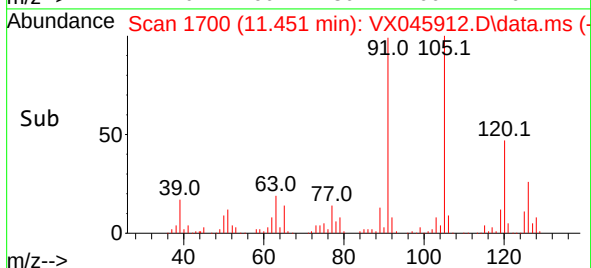
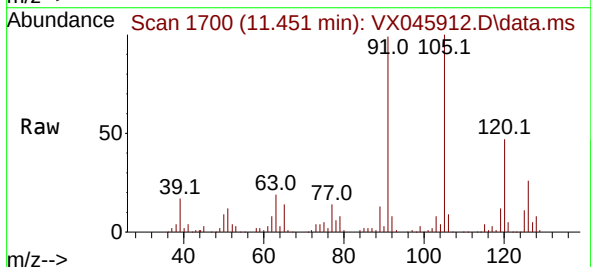
Manual Integrations
APPROVED

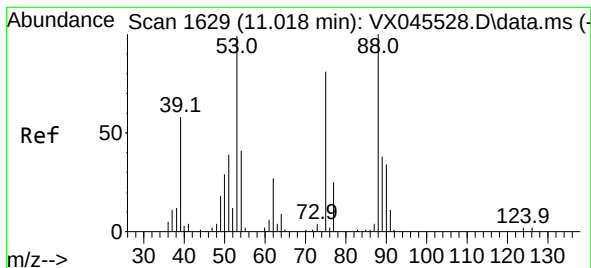
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.413 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

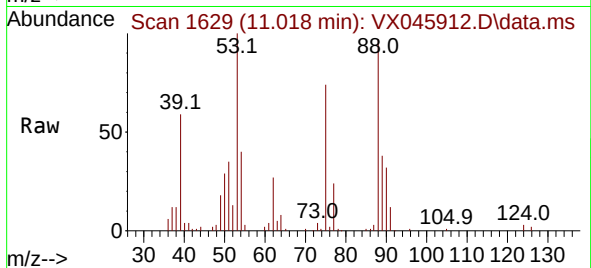
Tgt Ion:105 Resp: 173109
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.517 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

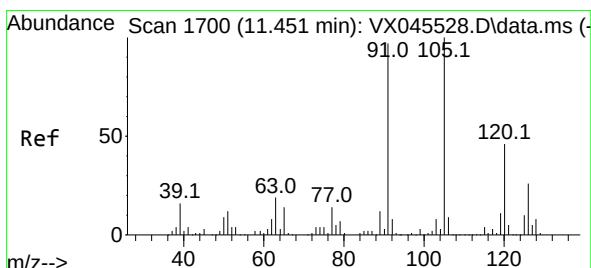
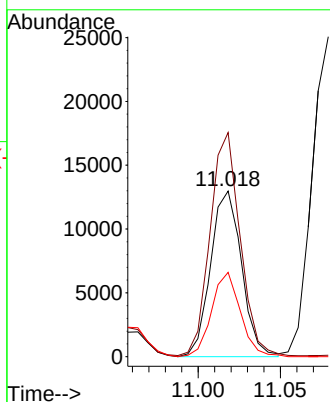
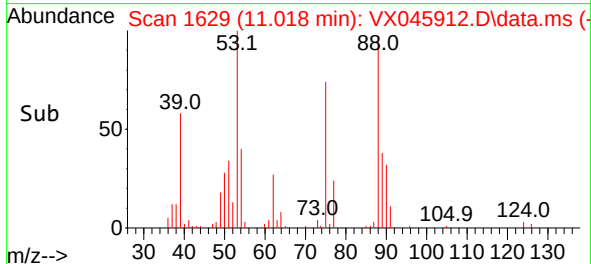
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



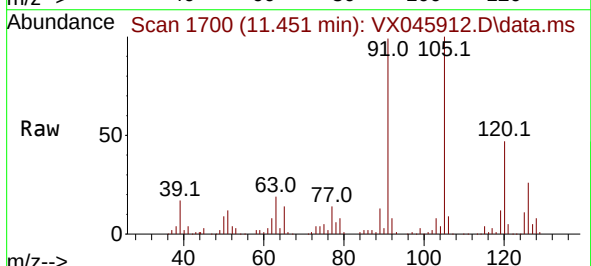
Tgt Ion: 75 Resp: 17029
Ion Ratio Lower Upper
75 100
53 129.8 101.8 152.6
89 47.2 37.2 55.8

Manual Integrations
APPROVED

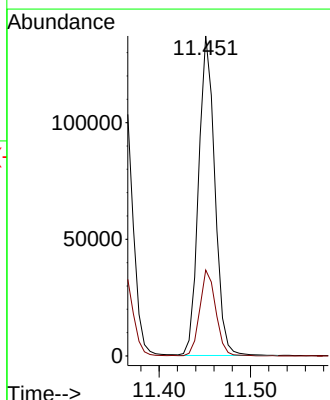
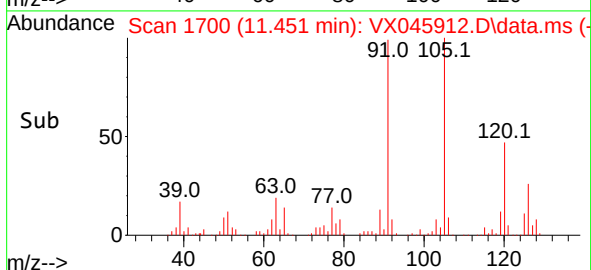
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

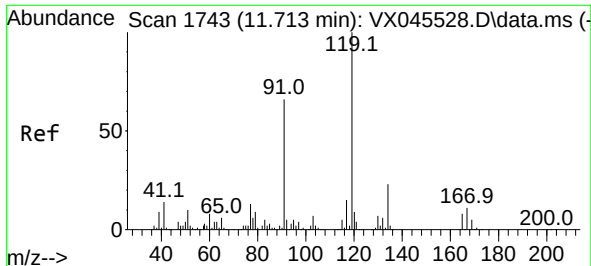


#82
4-Chlorotoluene
Concen: 51.496 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



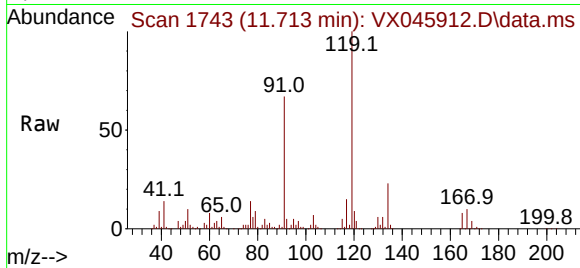
Tgt Ion: 91 Resp: 168864
Ion Ratio Lower Upper
91 100
126 26.7 13.3 39.9





#83
tert-Butylbenzene
Concen: 52.327 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

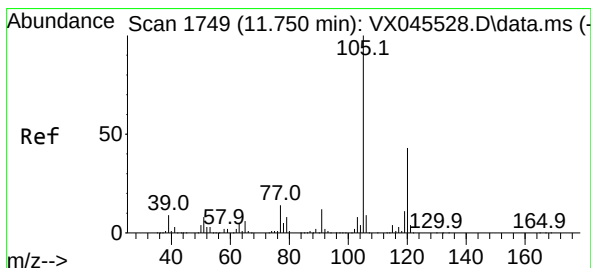
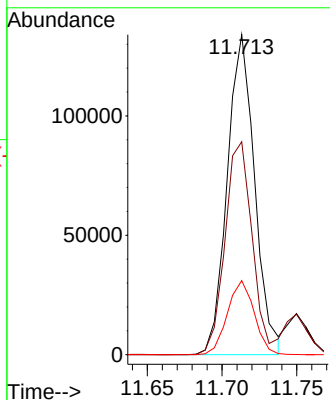
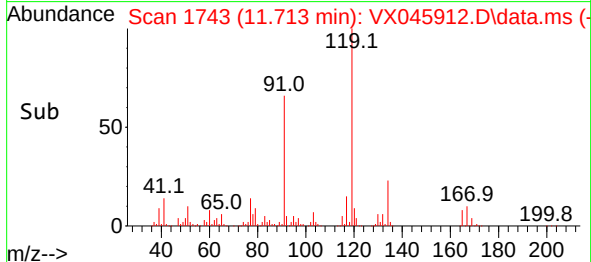
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 171102
Ion Ratio Lower Upper
119 100
91 65.3 32.4 97.2
134 22.6 11.5 34.5

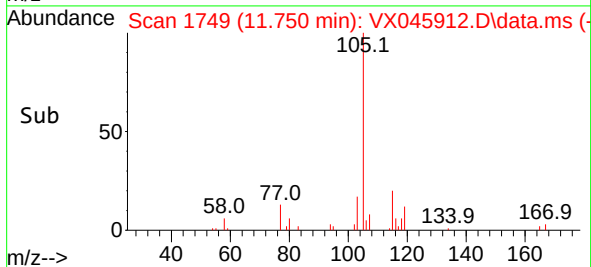
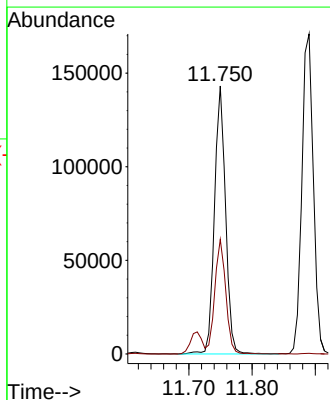
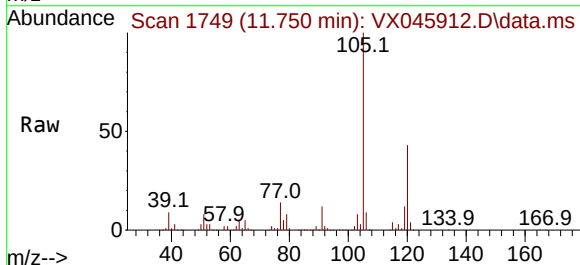
Manual Integrations
APPROVED

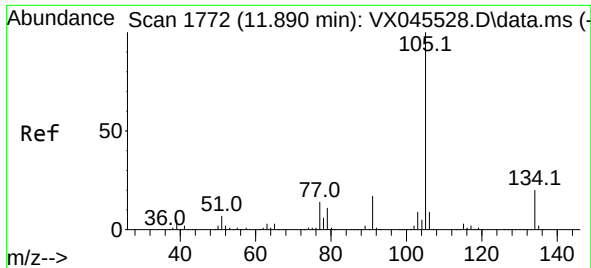
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#84
1,2,4-Trimethylbenzene
Concen: 52.663 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Tgt Ion:105 Resp: 174575
Ion Ratio Lower Upper
105 100
120 42.3 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 53.147 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045912.D
 Acq: 23 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

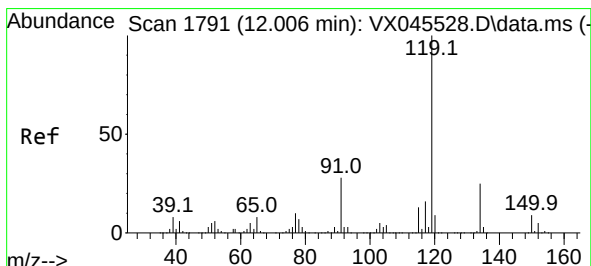
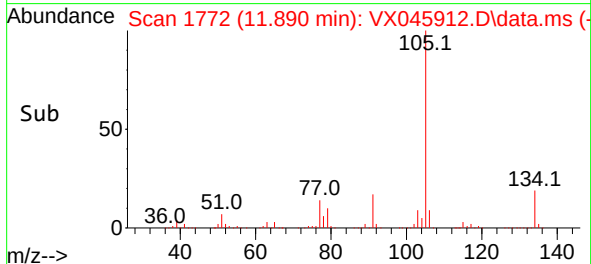
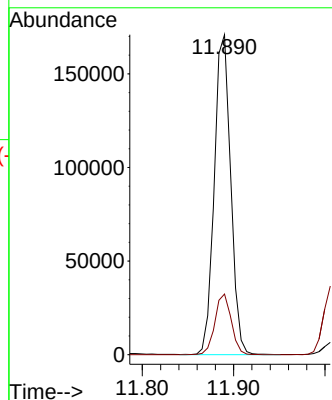
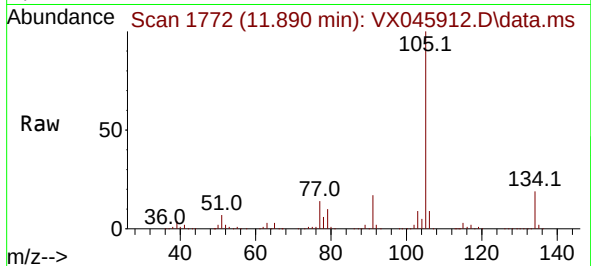
VSTDCCC050EC

Tgt Ion:105 Resp: 213440
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

Manual Integrations

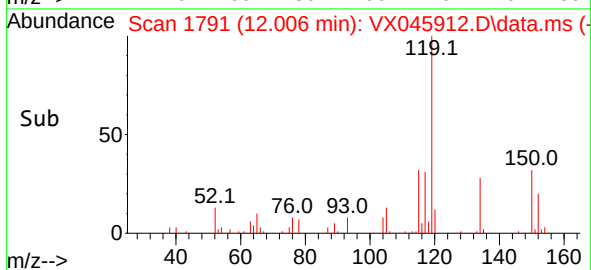
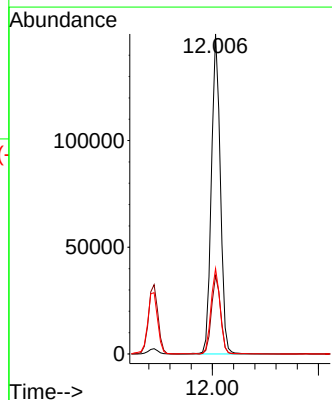
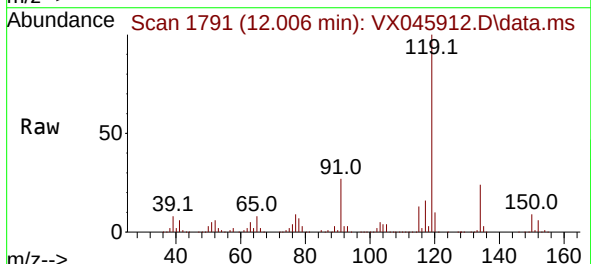
APPROVED

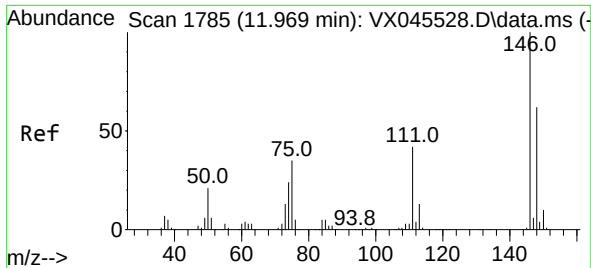
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#86
 p-Isopropyltoluene
 Concen: 52.870 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045912.D
 Acq: 23 Apr 2025 16:52

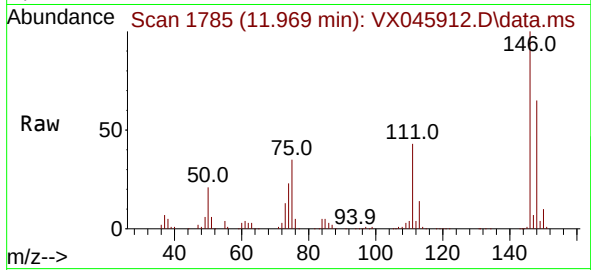
Tgt Ion:119 Resp: 175056
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 27.2 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 50.355 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

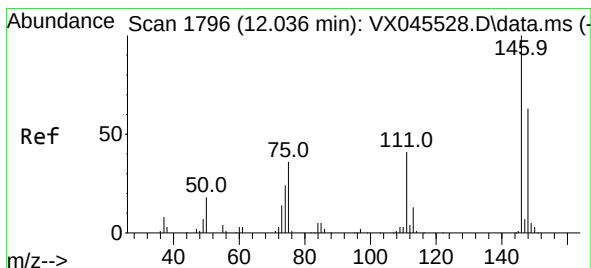
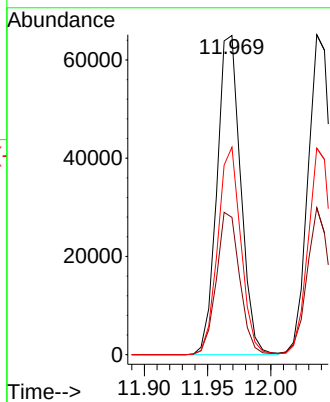
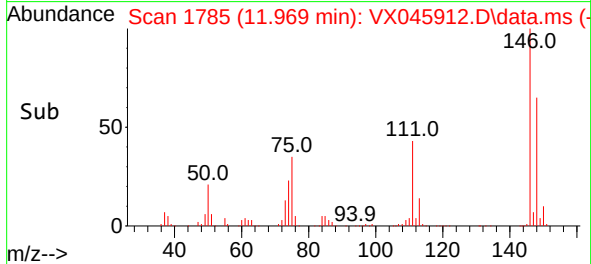
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



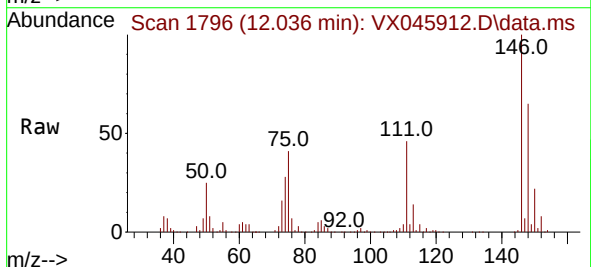
Tgt Ion:146 Resp: 84590
Ion Ratio Lower Upper
146 100
111 44.0 22.2 66.6
148 63.4 31.9 95.7

Manual Integrations
APPROVED

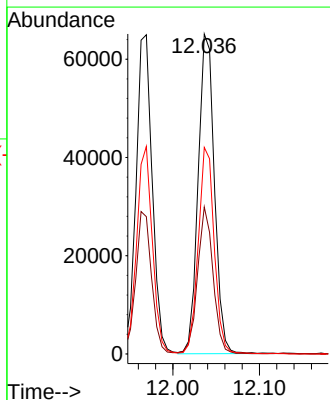
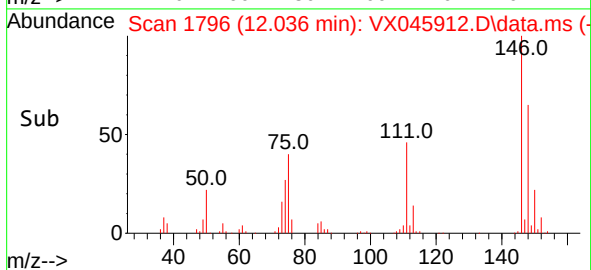
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

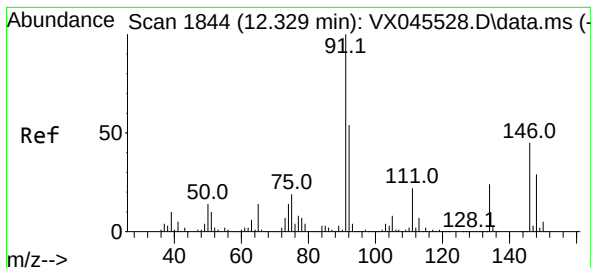


#88
1,4-Dichlorobenzene
Concen: 49.741 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



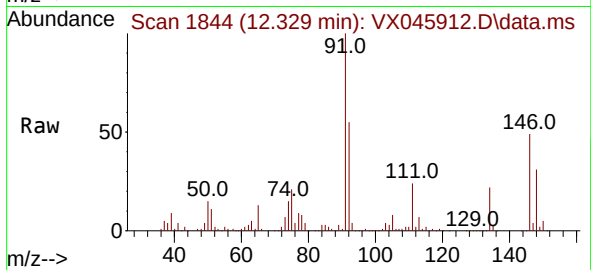
Tgt Ion:146 Resp: 84711
Ion Ratio Lower Upper
146 100
111 43.9 20.9 62.8
148 63.4 31.5 94.5





#89
n-Butylbenzene
Concen: 52.425 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

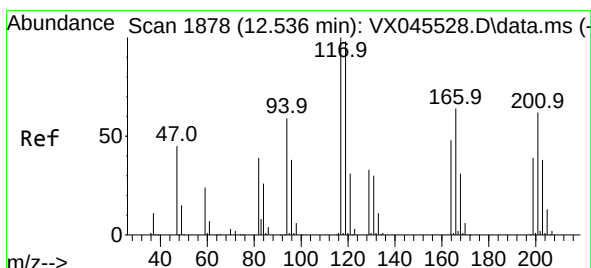
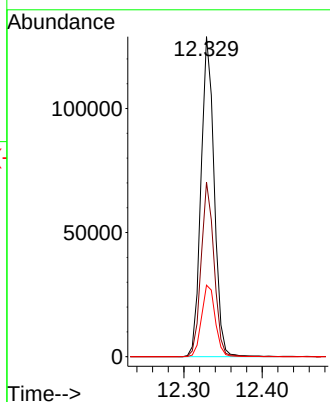
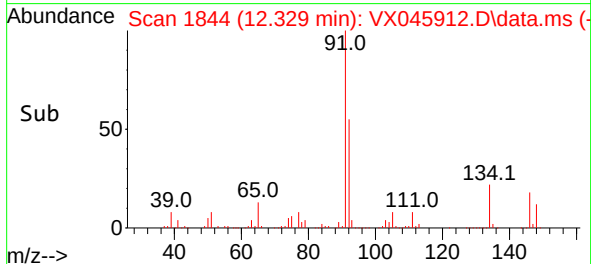
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 15052
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.6
134 23.3 11.9 35.7

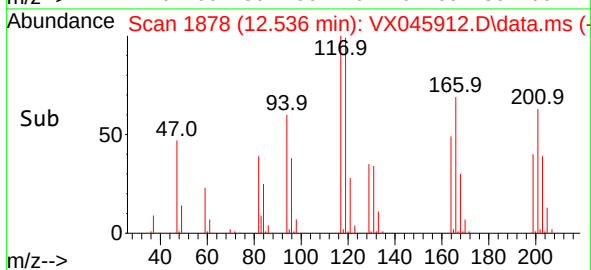
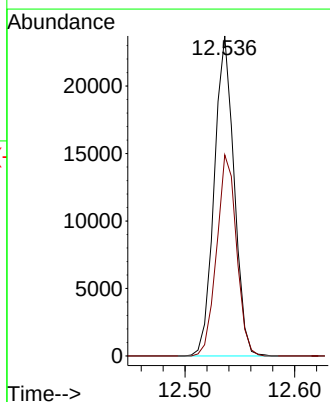
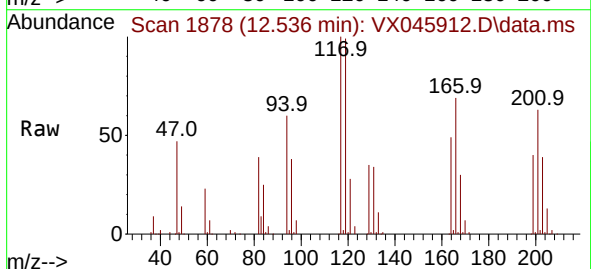
Manual Integrations
APPROVED

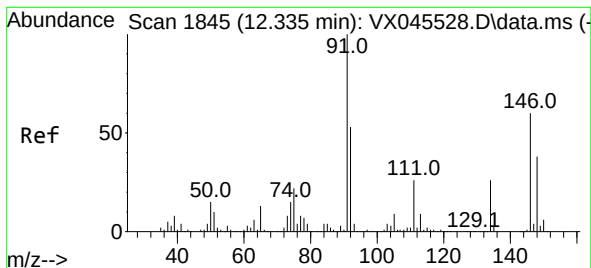
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#90
Hexachloroethane
Concen: 52.443 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

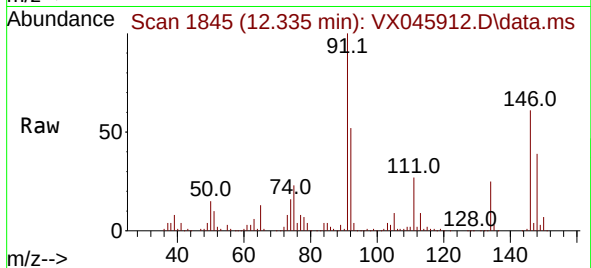
Tgt Ion:117 Resp: 29842
Ion Ratio Lower Upper
117 100
201 62.8 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 51.847 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

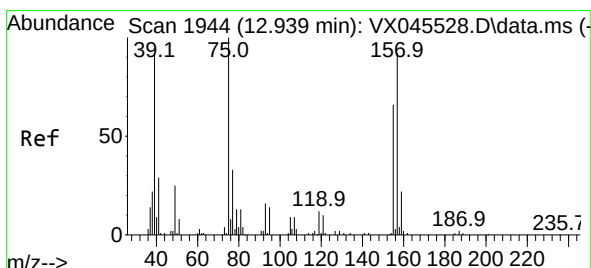
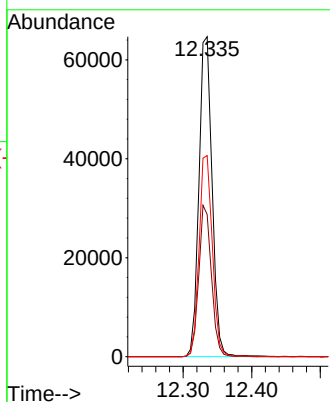
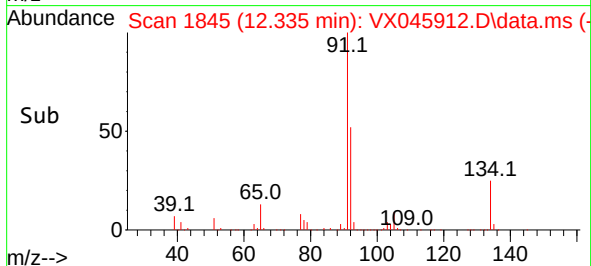
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



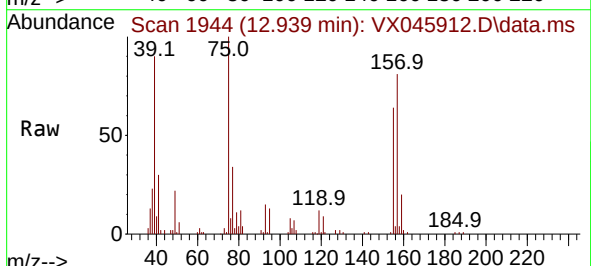
Tgt Ion:146 Resp: 8659
Ion Ratio Lower Upper
146 100
111 45.5 22.9 68.8
148 63.0 31.9 95.5

Manual Integrations
APPROVED

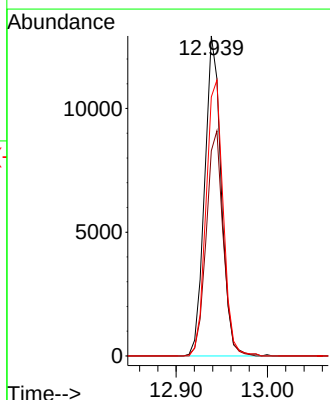
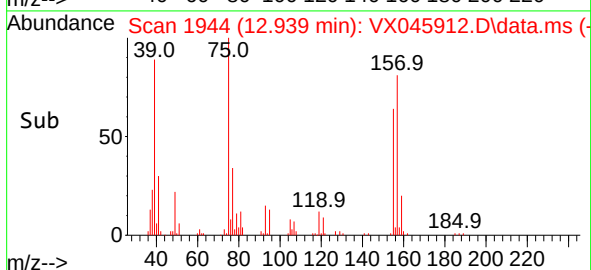
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

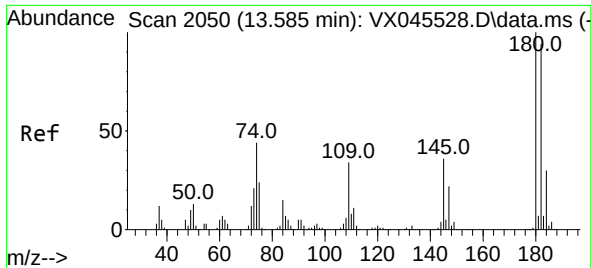


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.379 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52



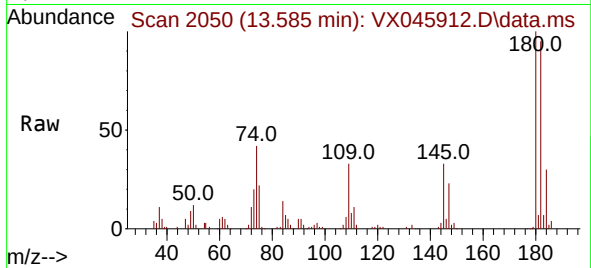
Tgt Ion: 75 Resp: 16250
Ion Ratio Lower Upper
75 100
155 71.8 34.9 104.7
157 88.8 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 52.174 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

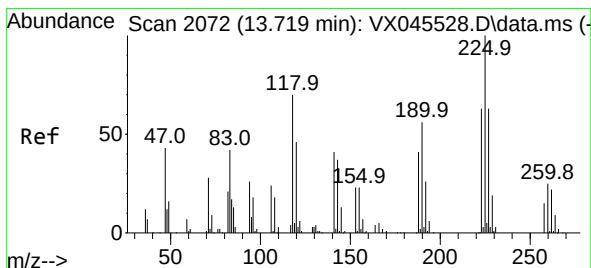
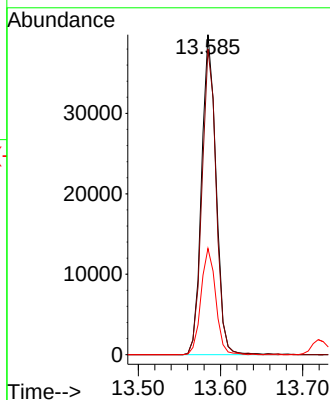
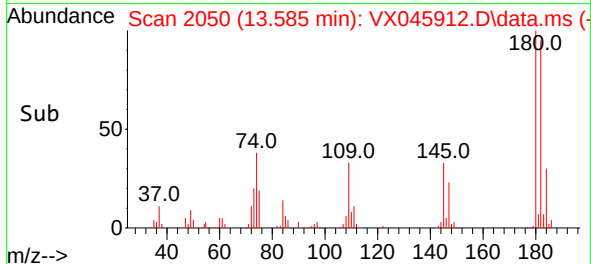
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 48504
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.6
145 33.7 17.9 53.8

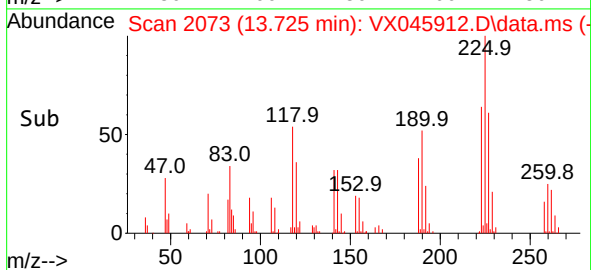
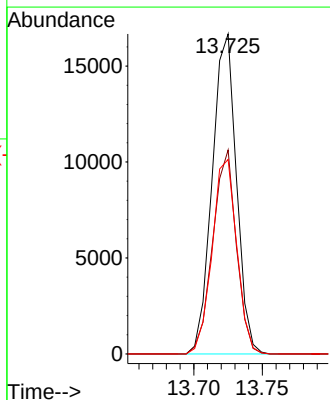
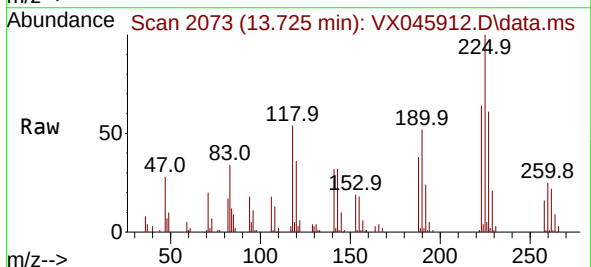
Manual Integrations
APPROVED

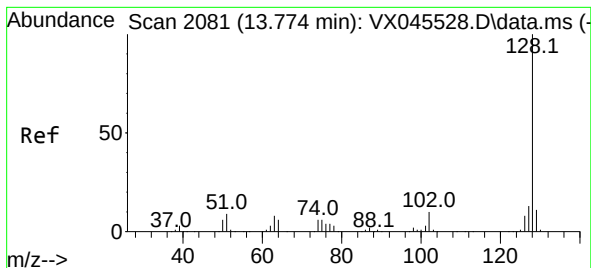
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#94
Hexachlorobutadiene
Concen: 51.126 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045912.D
Acq: 23 Apr 2025 16:52

Tgt Ion:225 Resp: 20481
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.3
227 61.9 32.2 96.6





#95

Naphthalene

Concen: 52.728 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045912.D

Acq: 23 Apr 2025 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

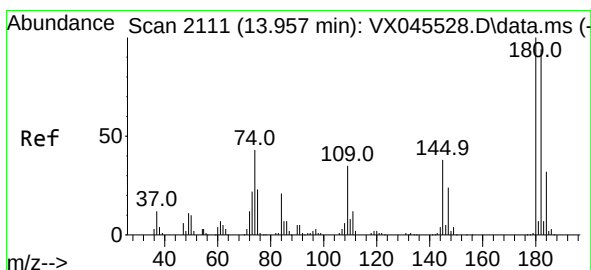
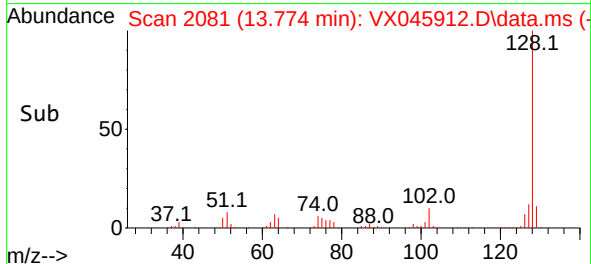
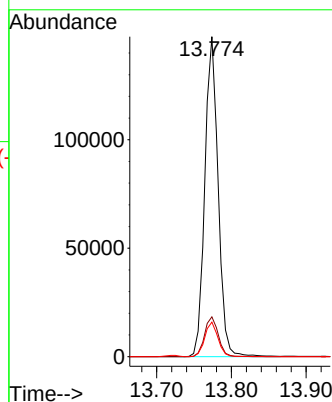
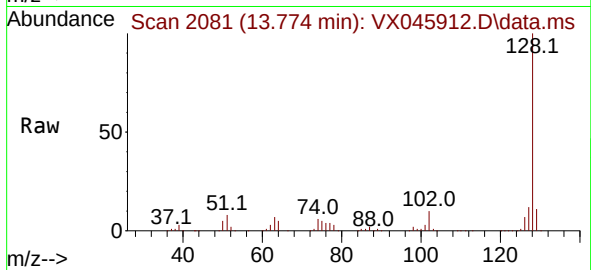
Tgt Ion:128	Resp: 18241
Ion Ratio	Lower Upper
128 100	
127 12.9	10.3 15.5
129 10.8	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.544 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045912.D

Acq: 23 Apr 2025 16:52

Tgt Ion:180	Resp: 50176
Ion Ratio	Lower Upper
180 100	
182 93.7	47.3 141.8
145 35.9	18.2 54.6

