

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045338.D
 Acq On : 18 Mar 2025 20:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 19 01:51:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81893	61.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.400%			
35) Dibromofluoromethane	5.379	113	59737	59.296	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.600%			
50) Toluene-d8	8.647	98	210146	57.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.080%#			
62) 4-Bromofluorobenzene	11.079	95	72166	59.628	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 119.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51601	48.729	ug/l	98
3) Chloromethane	1.301	50	56752	43.793	ug/l	99
4) Vinyl Chloride	1.374	62	58243	45.305	ug/l	98
5) Bromomethane	1.593	94	25260	49.983	ug/l	99
6) Chloroethane	1.660	64	26646	44.936	ug/l	95
7) Trichlorofluoromethane	1.868	101	86733	50.964	ug/l	100
8) Diethyl Ether	2.136	74	31915	47.945	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	56075	57.352	ug/l	99
10) Methyl Iodide	2.441	142	65943	53.969	ug/l	97
11) Tert butyl alcohol	2.989	59	53027	209.210	ug/l	99
12) 1,1-Dichloroethene	2.307	96	54237	52.468	ug/l	93
13) Acrolein	2.239	56	73442	250.658	ug/l	100
14) Allyl chloride	2.654	41	102455	55.680	ug/l	95
15) Acrylonitrile	3.069	53	176272	259.486	ug/l	99
16) Acetone	2.386	43	158918	255.968	ug/l	97
17) Carbon Disulfide	2.502	76	115773	42.049	ug/l	97
18) Methyl Acetate	2.703	43	100760	67.463	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	197477	56.941	ug/l	97
20) Methylene Chloride	2.782	84	64105	52.125	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	54820	53.680	ug/l	94
22) Diisopropyl ether	3.764	45	212818	56.869	ug/l	98
23) Vinyl Acetate	3.721	43	883964	283.056	ug/l	99
24) 1,1-Dichloroethane	3.605	63	118316	56.414	ug/l	98
25) 2-Butanone	4.562	43	247851	265.213	ug/l	97
26) 2,2-Dichloropropane	4.471	77	72453	73.651	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	69546	55.166	ug/l	95
28) Bromochloromethane	4.891	49	55167	55.186	ug/l	98
29) Tetrahydrofuran	5.001	42	159660	254.403	ug/l	99
30) Chloroform	5.087	83	119558	57.373	ug/l	100
31) Cyclohexane	5.458	56	94154	51.717	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	98999	58.821	ug/l	98
36) 1,1-Dichloropropene	5.684	75	75043	54.316	ug/l	98
37) Ethyl Acetate	4.709	43	94554	53.112	ug/l	99
38) Carbon Tetrachloride	5.666	117	80339	57.276	ug/l	98
39) Methylcyclohexane	7.373	83	92874	56.101	ug/l	99
40) Benzene	6.031	78	237509	54.440	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53326	55.396	ug/l	96
42) 1,2-Dichloroethane	6.080	62	94116	59.907	ug/l	98
43) Isopropyl Acetate	6.342	43	150519	57.177	ug/l	99
44) Trichloroethene	7.123	130	55524	54.201	ug/l	99
45) 1,2-Dichloropropane	7.428	63	62993	56.158	ug/l	99
46) Dibromomethane	7.574	93	45001	56.759	ug/l	98
47) Bromodichloromethane	7.818	83	90721	58.336	ug/l	98
48) Methyl methacrylate	7.690	41	76591	57.992	ug/l	95
49) 1,4-Dioxane	7.665	88	25756	924.511	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	490226	277.341	ug/l	100
52) Toluene	8.714	92	143688	56.134	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	78792	60.605	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	90501	59.696	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	58012	55.051	ug/l	98
56) Ethyl methacrylate	9.116	69	94019	58.695	ug/l	95
57) 1,3-Dichloropropane	9.305	76	101382	55.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	245641	314.370	ug/l	100
59) 2-Hexanone	9.427	43	355832	277.843	ug/l	99
60) Dibromochloromethane	9.519	129	62295	56.538	ug/l	98
61) 1,2-Dibromoethane	9.604	107	58284	55.404	ug/l	100
64) Tetrachloroethene	9.269	164	46080	56.125	ug/l	97
65) Chlorobenzene	10.080	112	150788	55.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50844	56.285	ug/l	99
67) Ethyl Benzene	10.189	91	273984	57.969	ug/l	100
68) m/p-Xylenes	10.299	106	199139	115.095	ug/l	97
69) o-Xylene	10.640	106	97145	55.670	ug/l	97
70) Styrene	10.653	104	163347	57.851	ug/l	98
71) Bromoform	10.799	173	38046	55.853	ug/l #	99
73) Isopropylbenzene	10.957	105	257226	57.476	ug/l	99
74) N-amyl acetate	10.842	43	124071	59.082	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	89804	54.683	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	73684m	55.214	ug/l	
77) Bromobenzene	11.195	156	58108	55.031	ug/l	96
78) n-propylbenzene	11.299	91	297988	58.944	ug/l	98
79) 2-Chlorotoluene	11.360	91	178182	55.342	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	210225	58.095	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21020	53.903	ug/l	87
82) 4-Chlorotoluene	11.451	91	204674	58.329	ug/l	99
83) tert-Butylbenzene	11.713	119	211957	57.007	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	211733	58.152	ug/l	100
85) sec-Butylbenzene	11.890	105	266604	59.861	ug/l	99
86) p-Isopropyltoluene	12.006	119	216728	60.215	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	105903	56.221	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	105860	55.548	ug/l	98
89) n-Butylbenzene	12.329	91	193200	62.324	ug/l	100
90) Hexachloroethane	12.536	117	36208	55.617	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	108332	57.330	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18967	59.282	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	63837	59.330	ug/l	99
94) Hexachlorobutadiene	13.725	225	25788	58.460	ug/l	97
95) Naphthalene	13.774	128	242871	58.751	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67333	59.320	ug/l	99

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

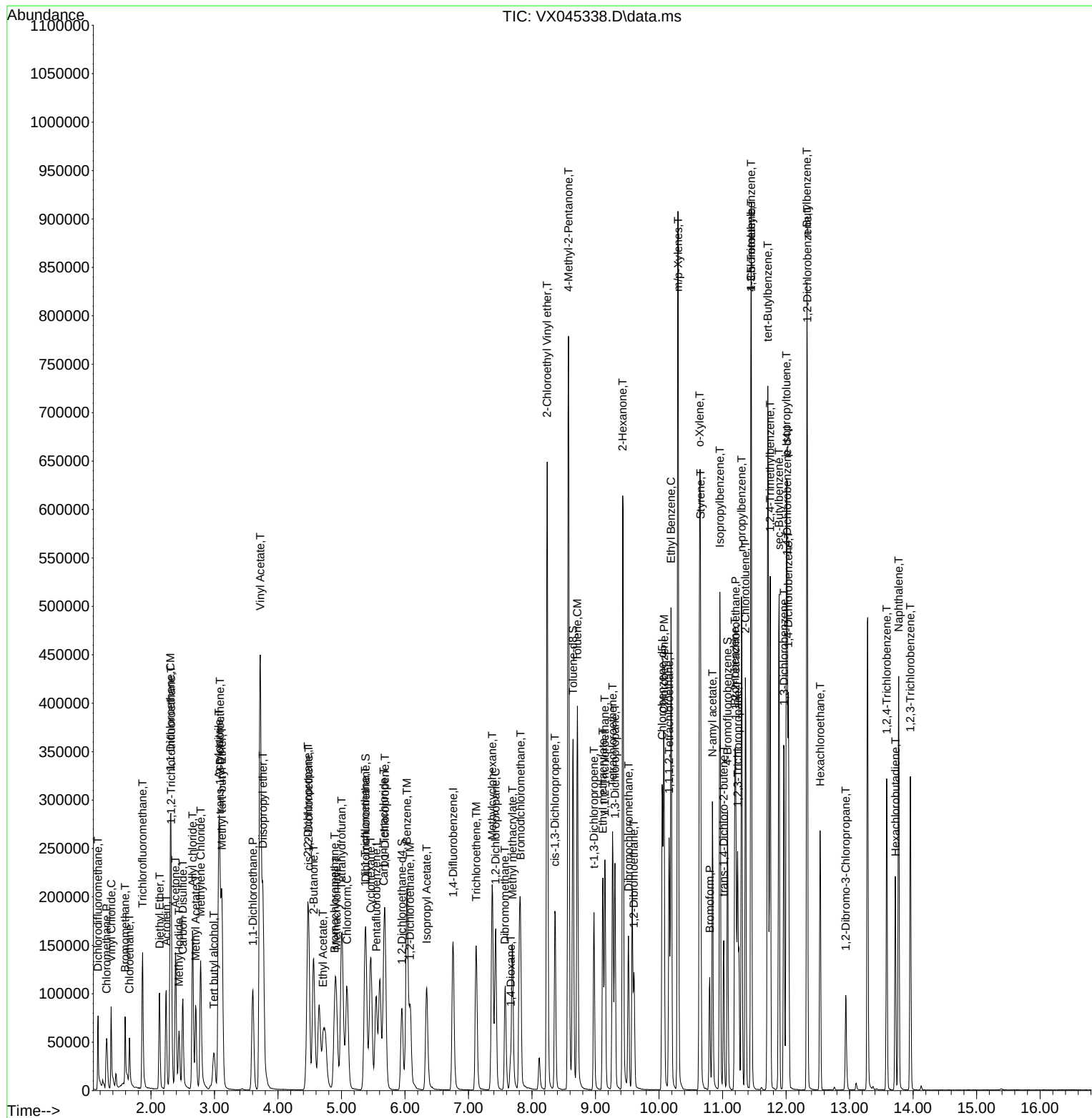
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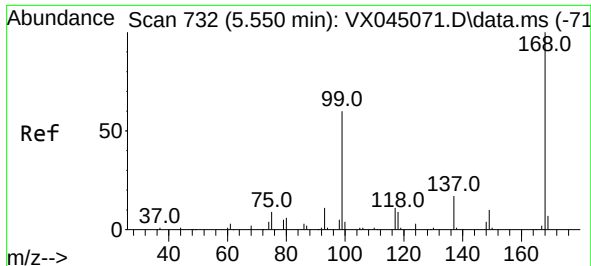
Instrument :
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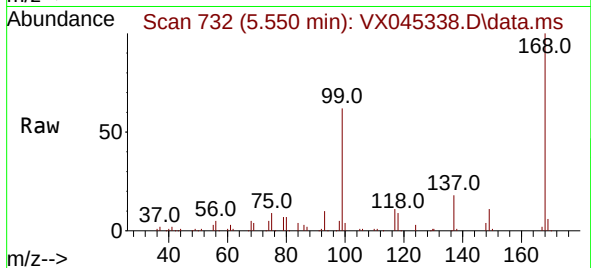
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

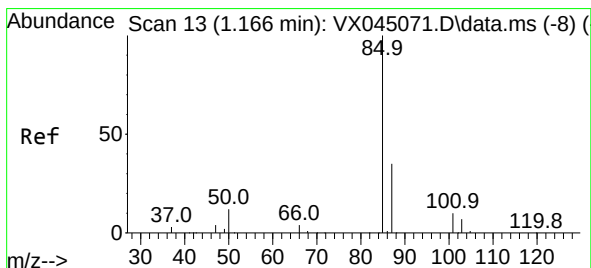
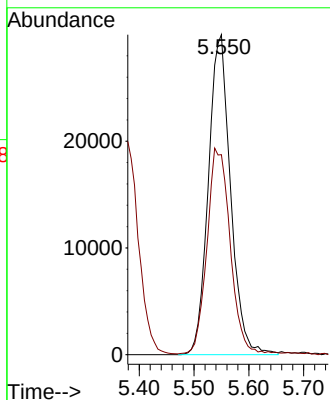
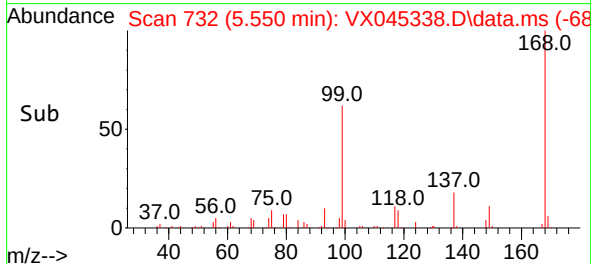
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 84125
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4

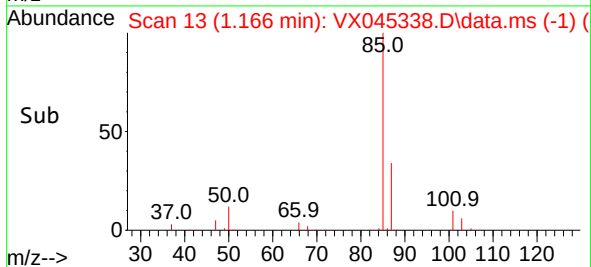
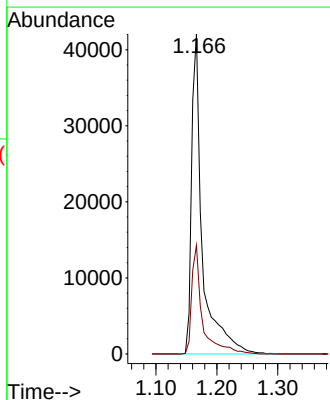
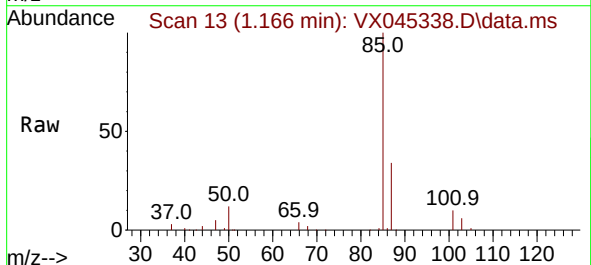
Manual Integrations
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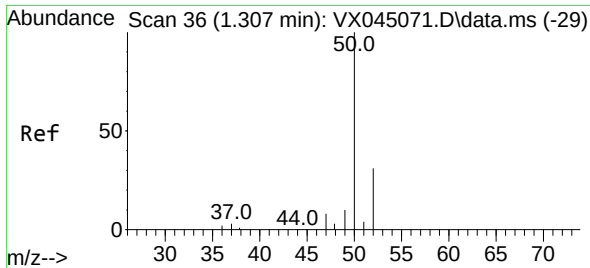
Reviewed By :John Carlone 03/19/2025
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#2
Dichlorodifluoromethane
Concen: 48.729 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 85 Resp: 51601
Ion Ratio Lower Upper
85 100
87 34.0 17.4 52.3





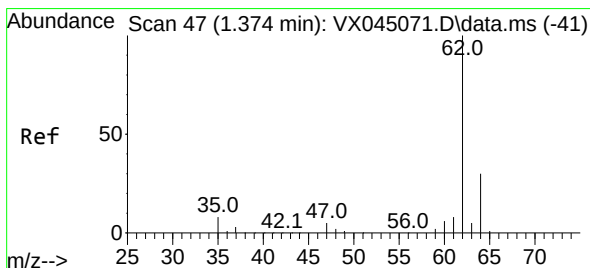
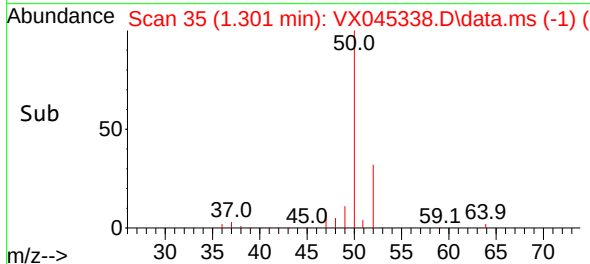
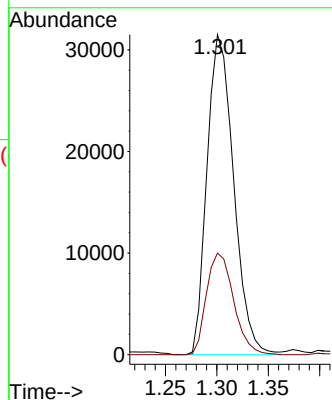
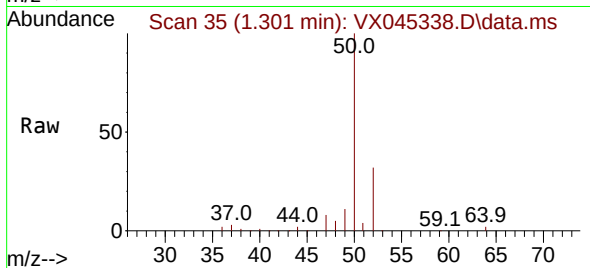
#3
Chloromethane
Concen: 43.793 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

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Tgt Ion: 50 Resp: 56752
Ion Ratio Lower Upper
50 100
52 31.7 25.0 37.4

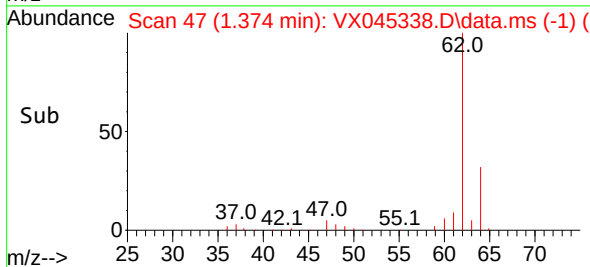
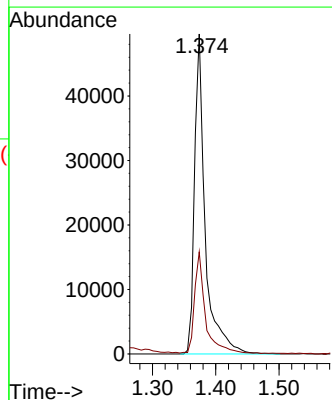
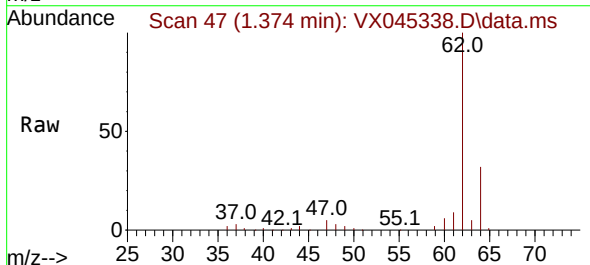
Manual Integrations
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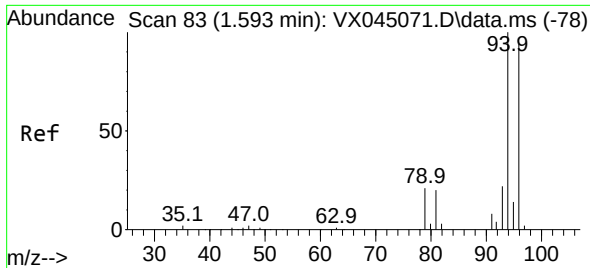
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#4
Vinyl Chloride
Concen: 45.305 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

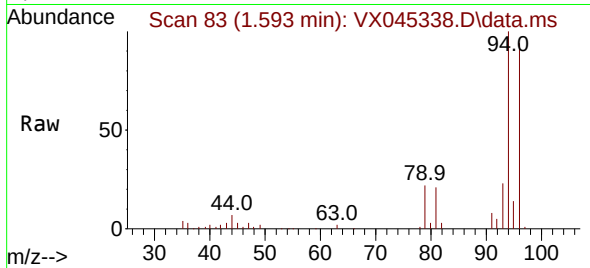
Tgt Ion: 62 Resp: 58243
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#5
Bromomethane
Concen: 49.983 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

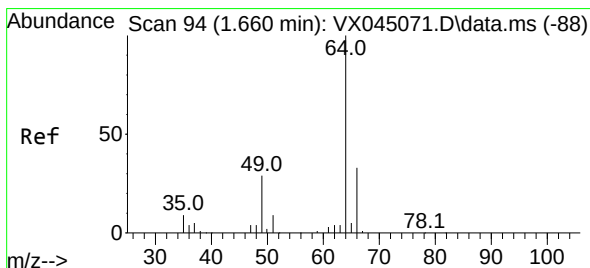
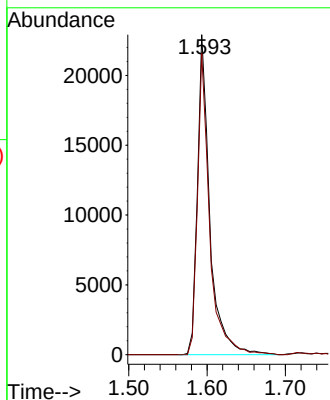
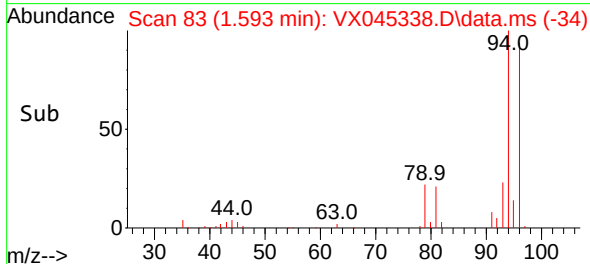
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Tgt Ion: 94 Resp: 25260
Ion Ratio Lower Upper
94 100
96 94.2 75.0 112.4

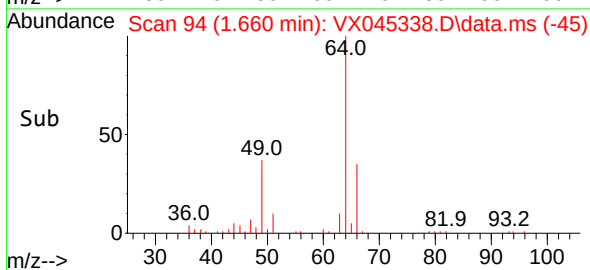
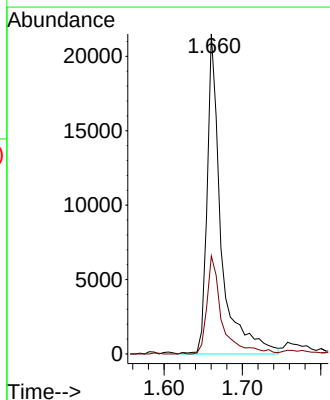
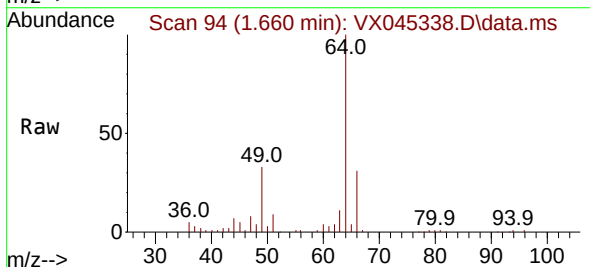
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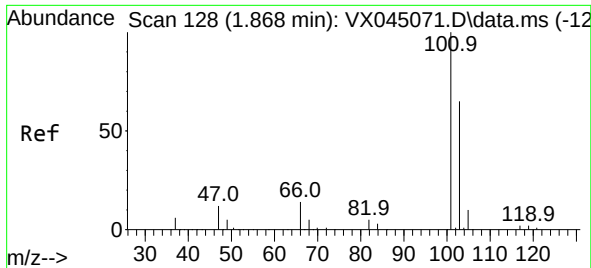
Reviewed By :John Carlone 03/19/2025
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#6
Chloroethane
Concen: 44.936 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045338.D
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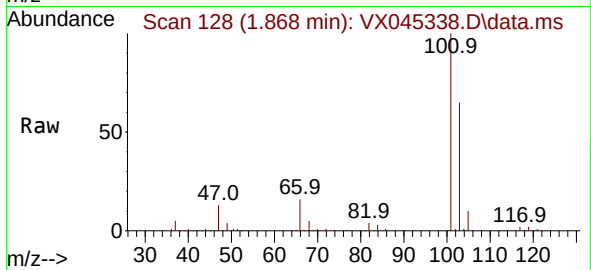
Tgt Ion: 64 Resp: 26646
Ion Ratio Lower Upper
64 100
66 30.6 26.7 40.1





#7
Trichlorofluoromethane
Concen: 50.964 ug/l
RT: 1.868 min Scan# 118
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

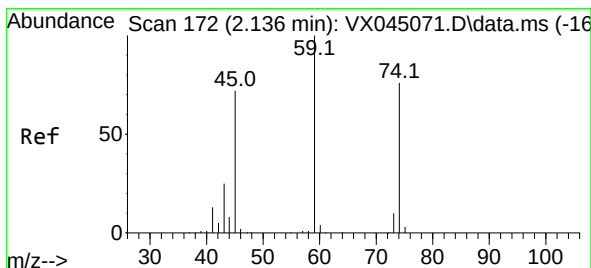
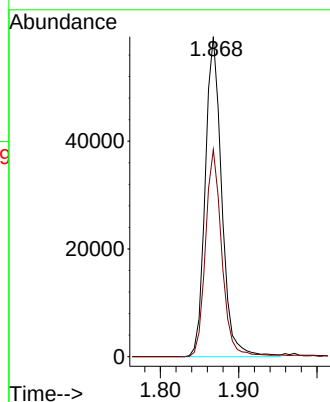
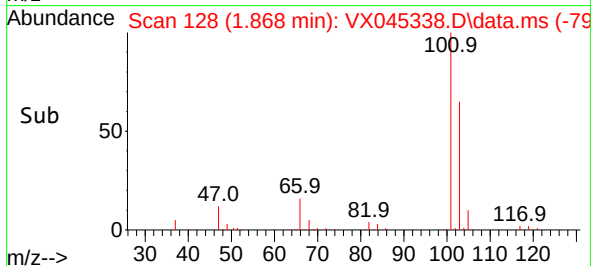
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 8673
Ion Ratio Lower Upper
101 100
103 64.7 52.1 78.1

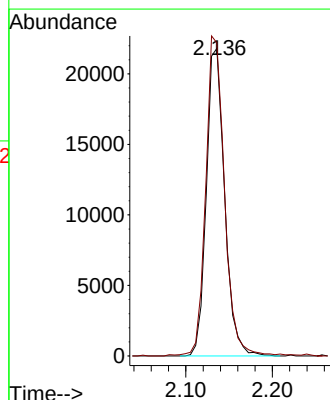
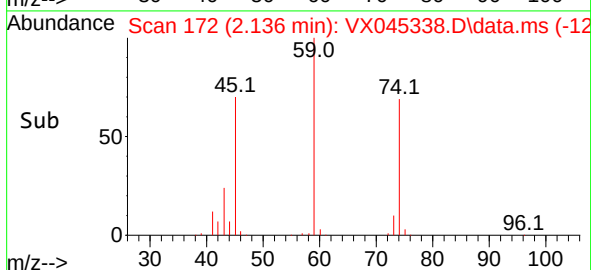
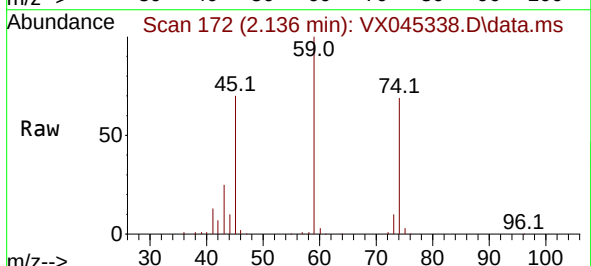
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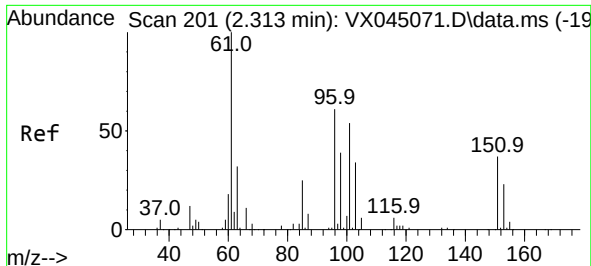
Reviewed By :John Carlone 03/19/2025
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#8
Diethyl Ether
Concen: 47.945 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 74 Resp: 31915
Ion Ratio Lower Upper
74 100
45 107.5 51.5 154.5





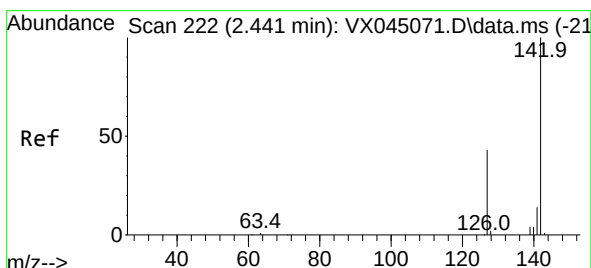
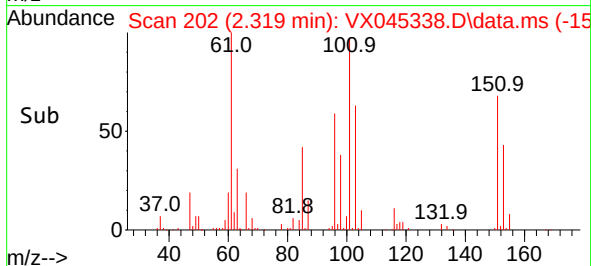
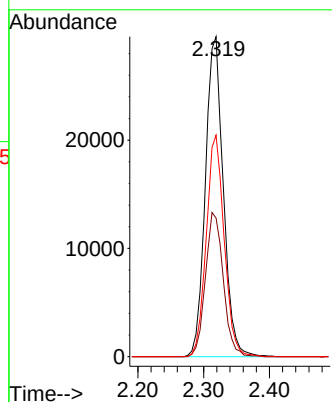
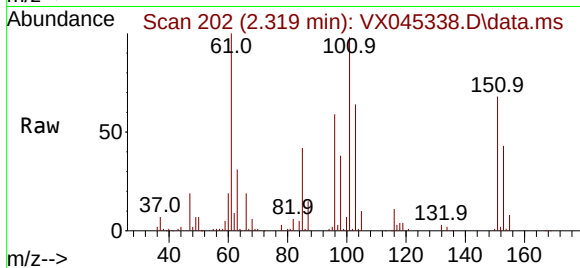
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.352 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5607
Ion Ratio Lower Upper
101 100
85 45.0 36.2 54.4
151 69.2 56.4 84.6

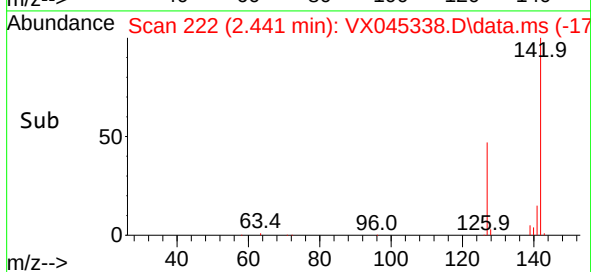
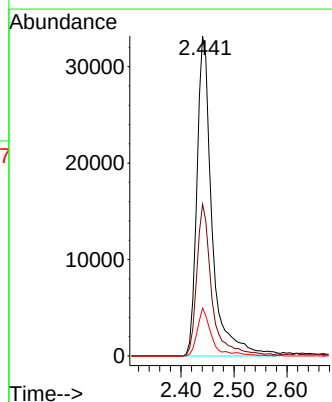
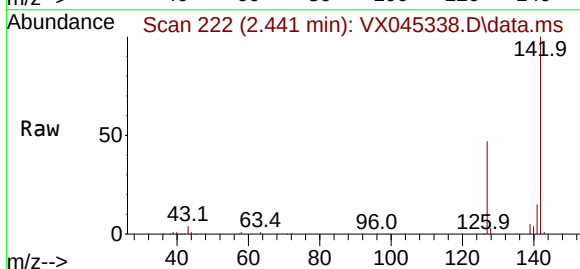
Manual Integrations
APPROVED

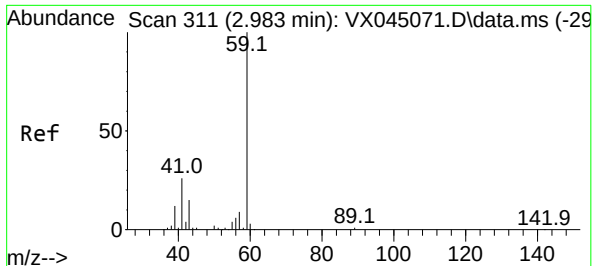
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#10
Methyl Iodide
Concen: 53.969 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:142 Resp: 65943
Ion Ratio Lower Upper
142 100
127 47.2 35.4 53.2
141 14.2 11.6 17.4





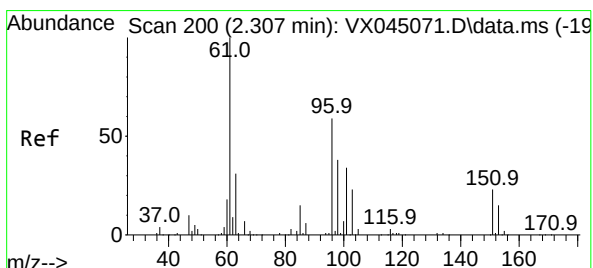
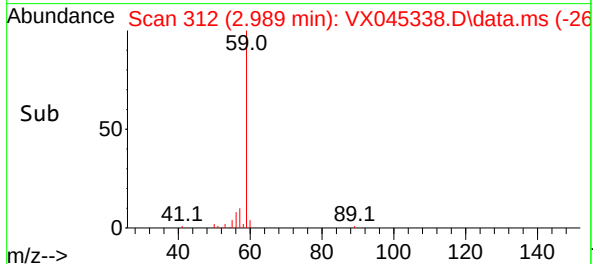
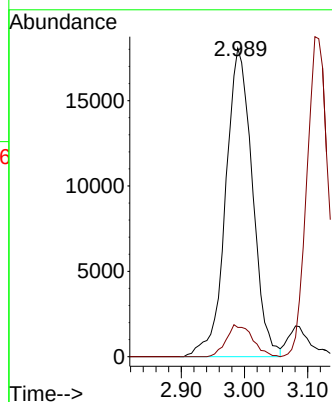
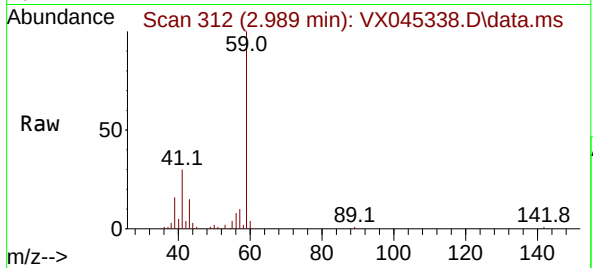
#11
Tert butyl alcohol
Concen: 209.210 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 5302
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

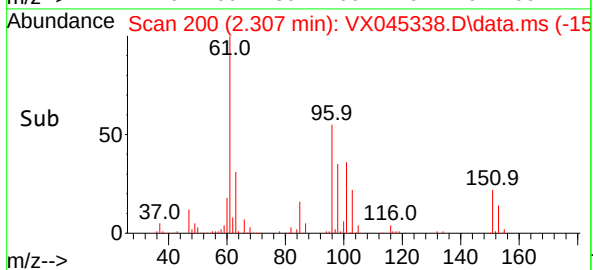
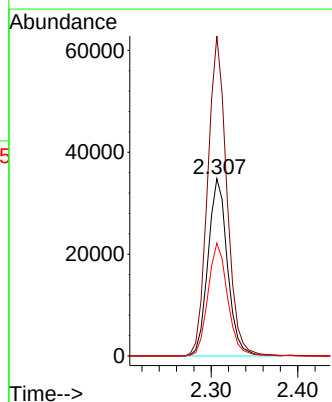
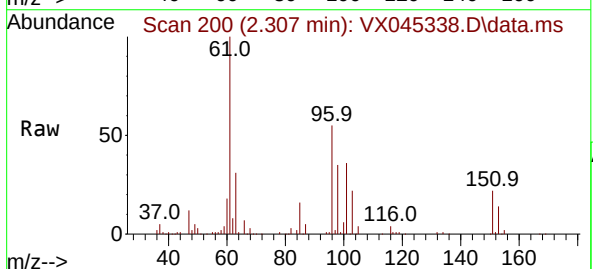
Manual Integrations
APPROVED

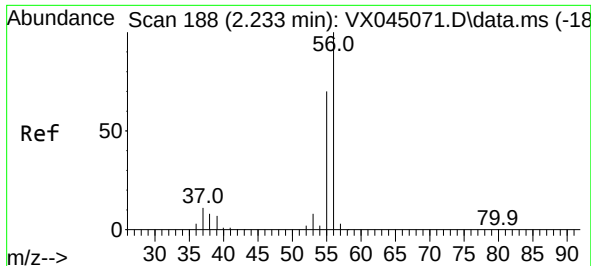
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#12
1,1-Dichloroethene
Concen: 52.468 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

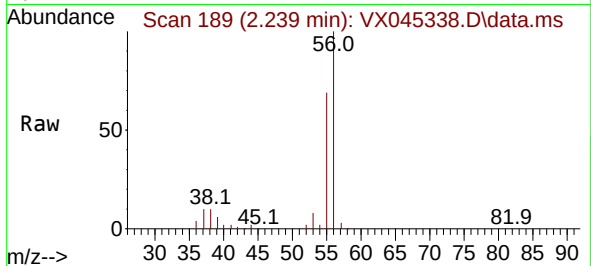
Tgt Ion: 96 Resp: 54237
Ion Ratio Lower Upper
96 100
61 180.5 134.6 202.0
98 63.7 51.0 76.6





#13
Acrolein
Concen: 250.658 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

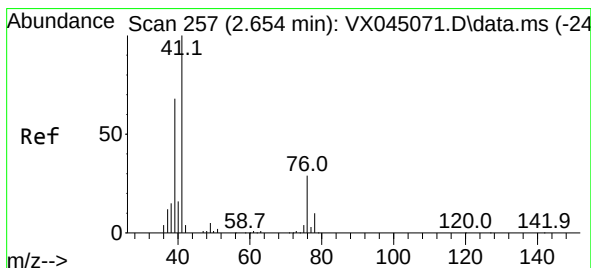
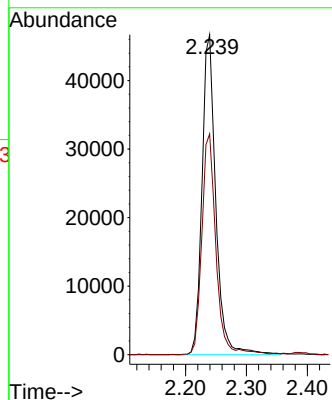
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7344
Ion Ratio Lower Upper
56 100
55 70.6 56.2 84.4

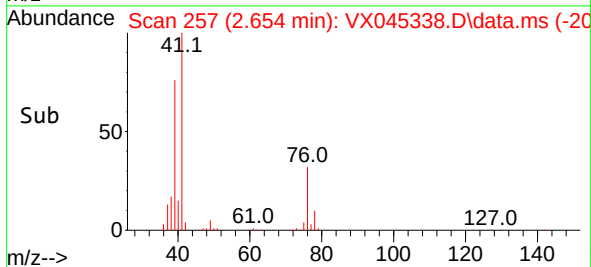
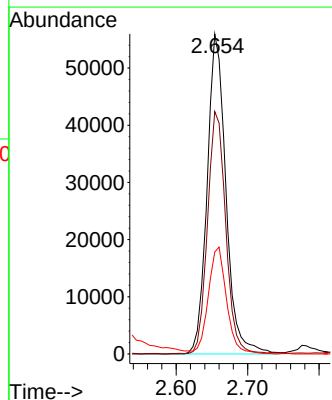
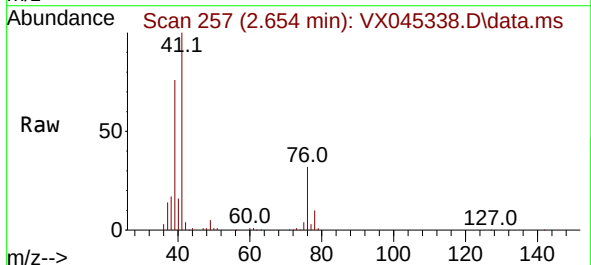
Manual Integrations
APPROVED

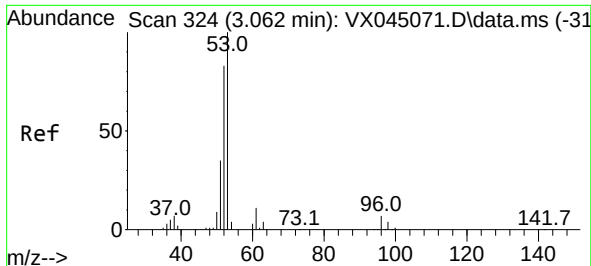
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#14
Allyl chloride
Concen: 55.680 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 41 Resp: 102455
Ion Ratio Lower Upper
41 100
39 73.2 53.8 80.8
76 32.3 25.2 37.8





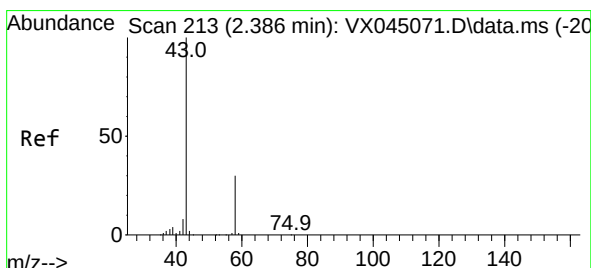
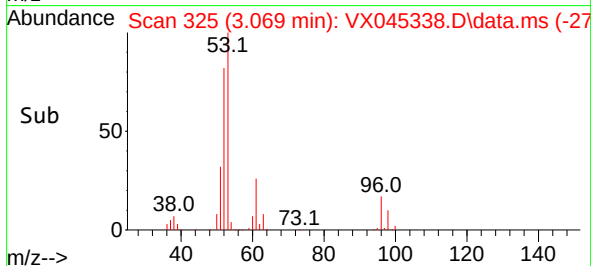
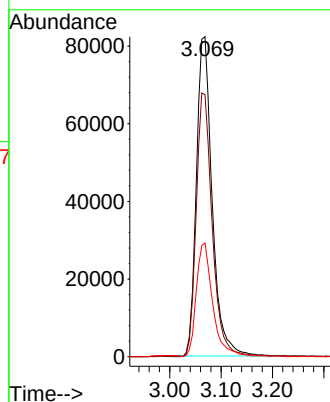
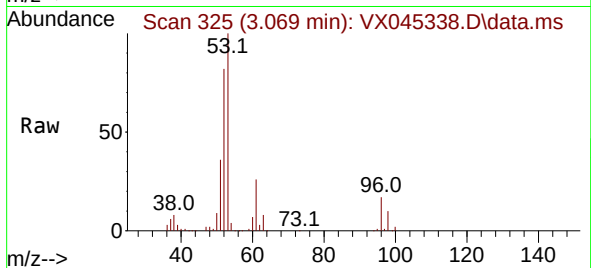
#15
Acrylonitrile
Concen: 259.486 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 176272
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.2
51 36.7 29.0 43.4

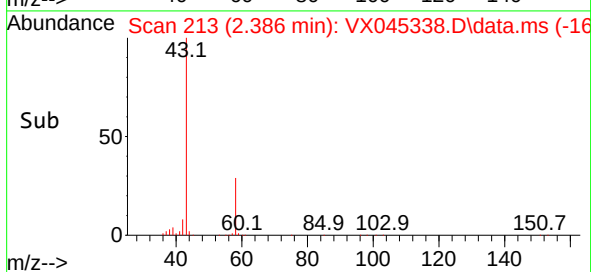
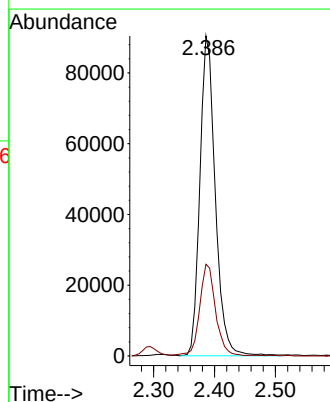
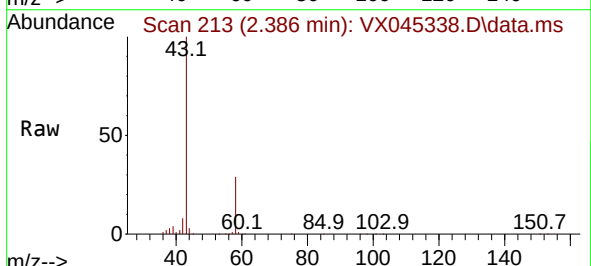
Manual Integrations
APPROVED

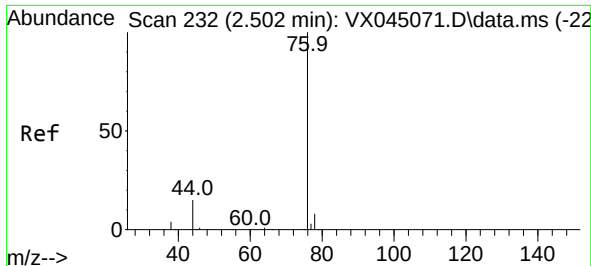
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#16
Acetone
Concen: 255.968 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 158918
Ion Ratio Lower Upper
43 100
58 28.6 24.2 36.4





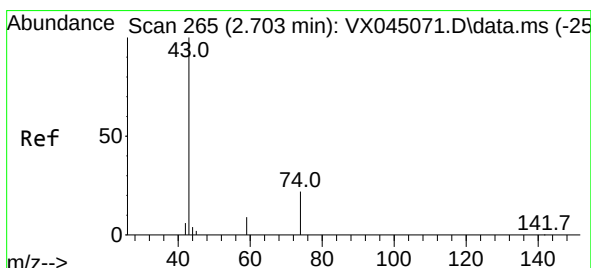
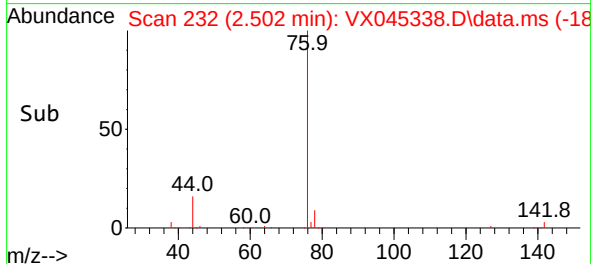
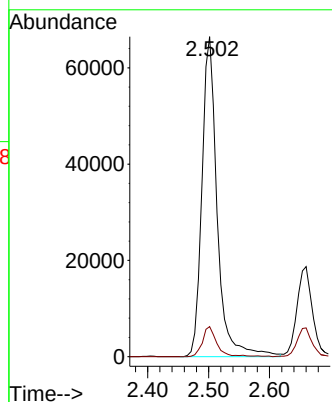
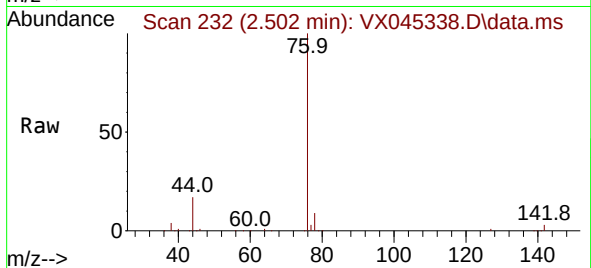
#17
Carbon Disulfide
Concen: 42.049 ug/l
RT: 2.502 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 115773
Ion Ratio Lower Upper
76 100
78 9.4 6.6 9.8

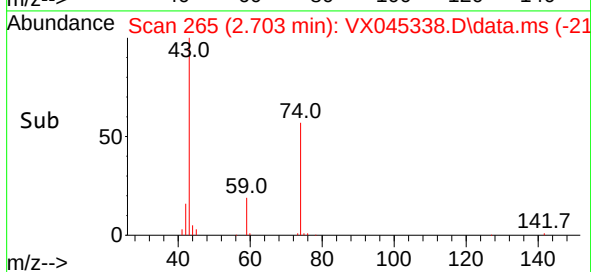
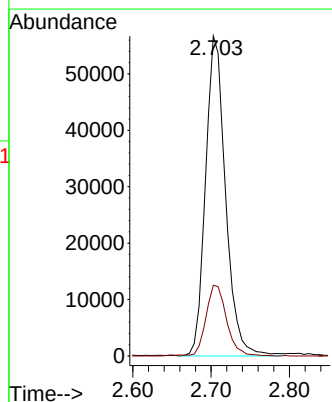
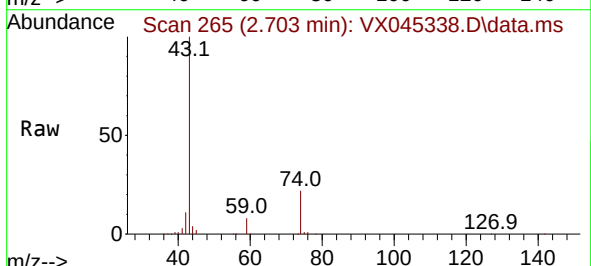
Manual Integrations
APPROVED

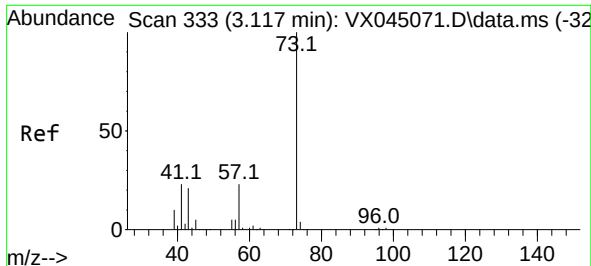
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#18
Methyl Acetate
Concen: 67.463 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

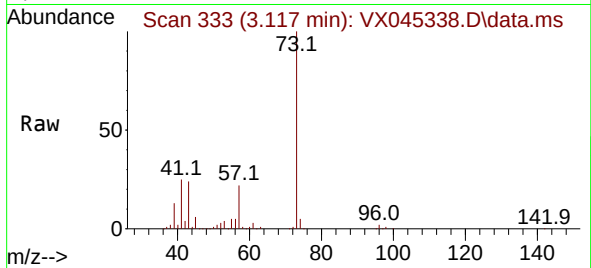
Tgt Ion: 43 Resp: 100760
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 56.941 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

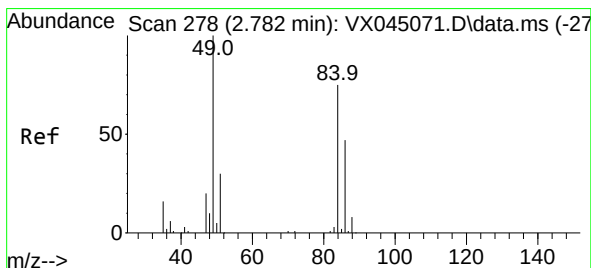
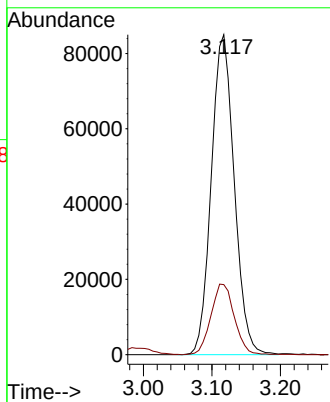
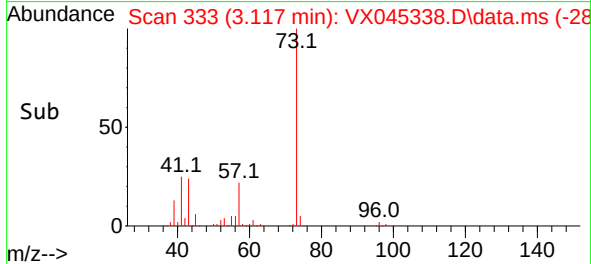
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 19747
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

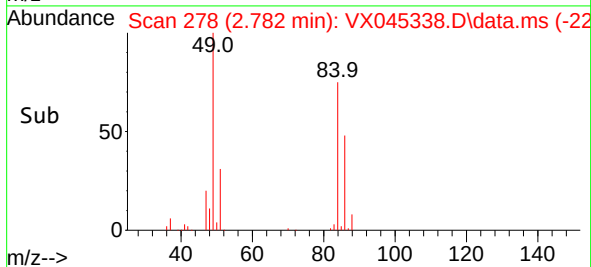
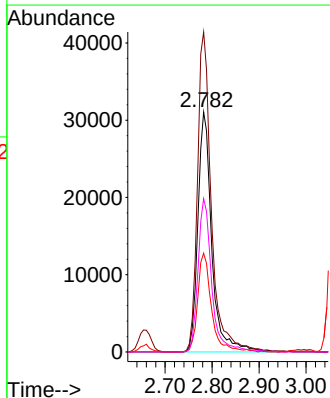
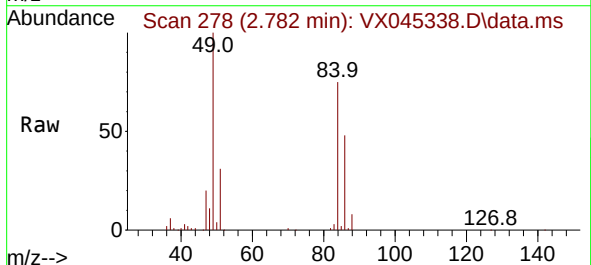
Manual Integrations
APPROVED

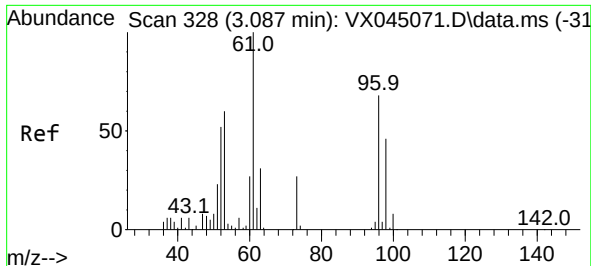
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#20
Methylene Chloride
Concen: 52.125 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 84 Resp: 64105
Ion Ratio Lower Upper
84 100
49 133.3 106.5 159.7
51 41.1 32.1 48.1
86 63.9 50.0 75.0





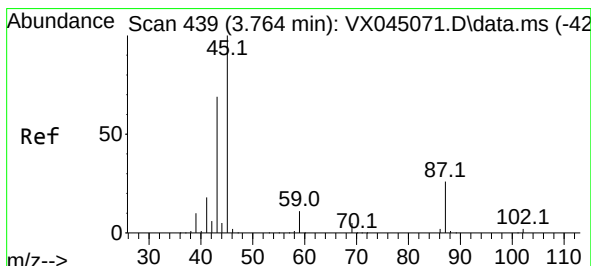
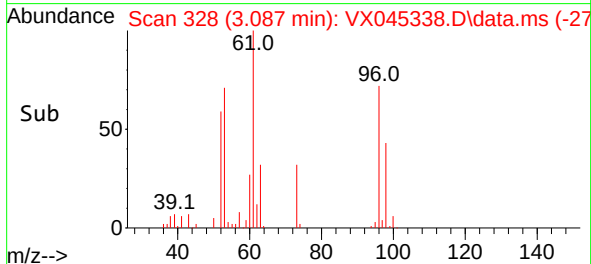
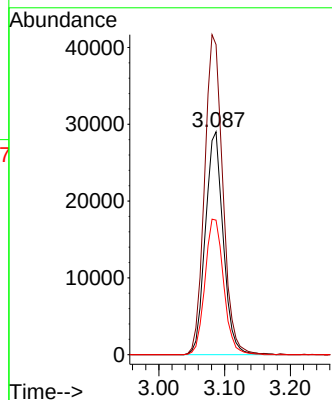
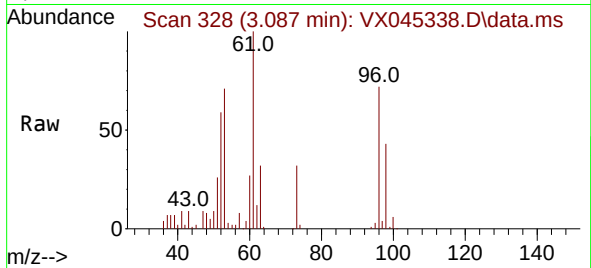
#21
trans-1,2-Dichloroethene
Concen: 53.680 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 54820
Ion Ratio Lower Upper
96 100
61 139.1 117.0 175.4
98 60.4 53.4 80.2

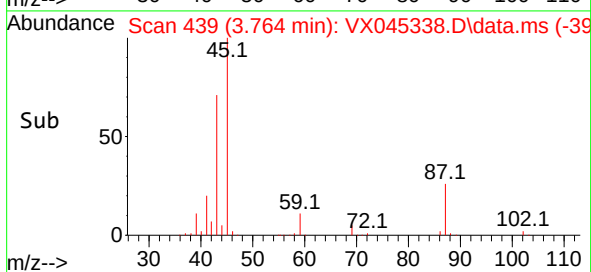
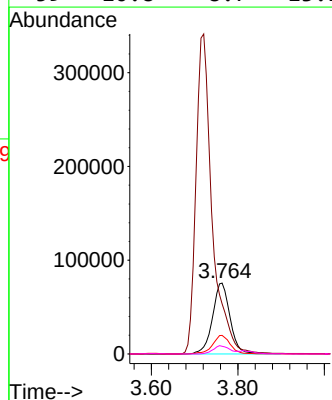
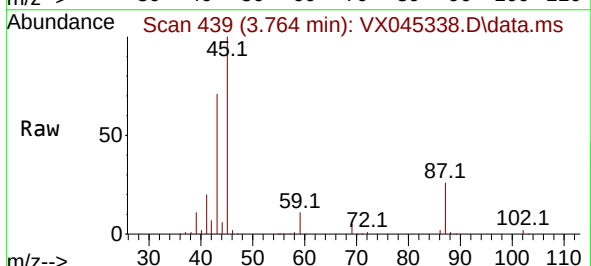
Manual Integrations
APPROVED

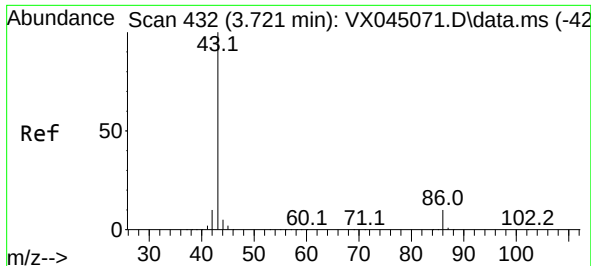
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#22
Diisopropyl ether
Concen: 56.869 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

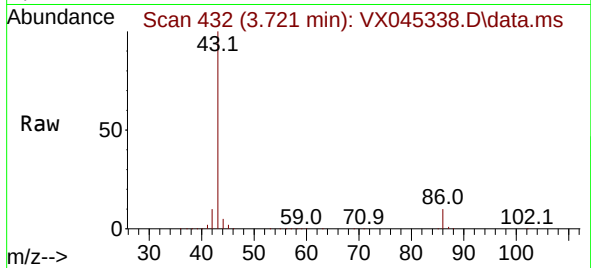
Tgt Ion: 45 Resp: 212818
Ion Ratio Lower Upper
45 100
43 70.7 54.9 82.3
87 26.3 21.0 31.4
59 10.8 8.7 13.1





#23
 Vinyl Acetate
 Concen: 283.056 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045338.D
 Acq: 18 Mar 2025 20:16

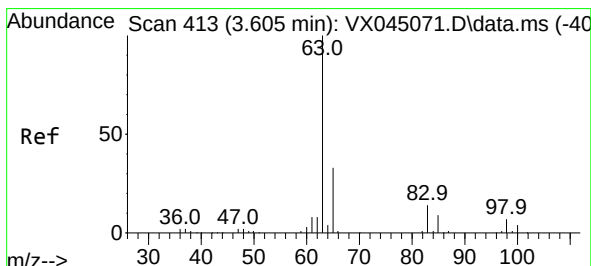
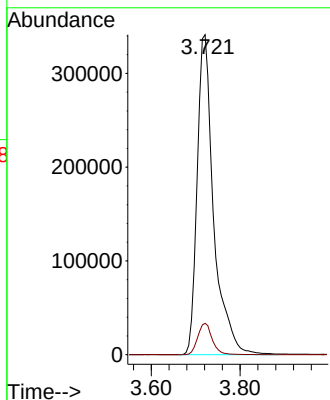
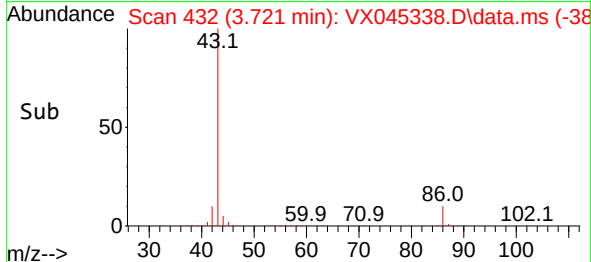
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



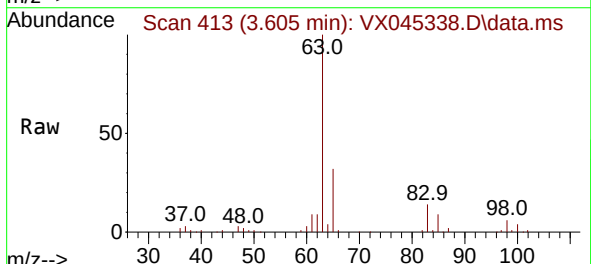
Tgt Ion: 43 Resp: 883964
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

Manual Integrations
 APPROVED

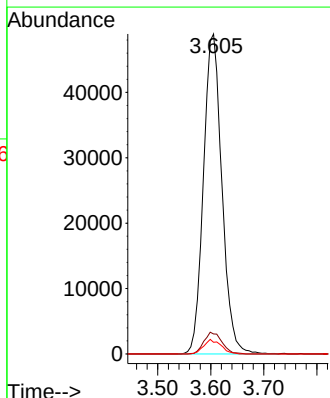
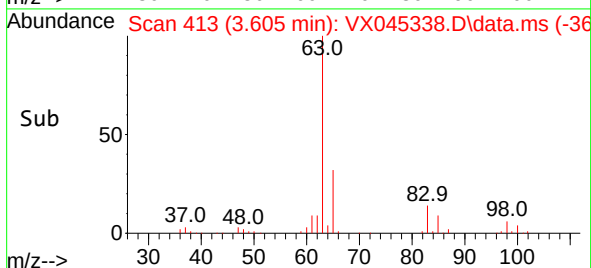
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025

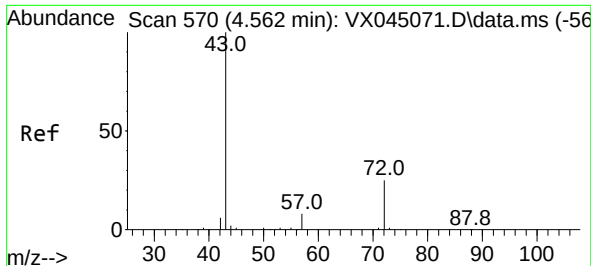


#24
 1,1-Dichloroethane
 Concen: 56.414 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045338.D
 Acq: 18 Mar 2025 20:16



Tgt Ion: 63 Resp: 118316
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 3.6 2.1 6.5





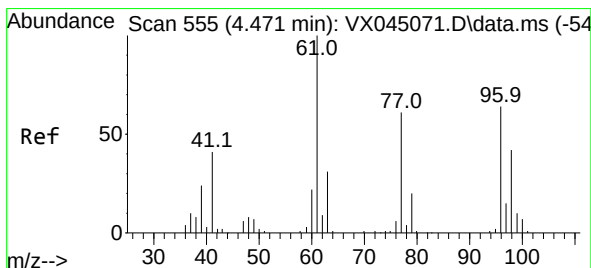
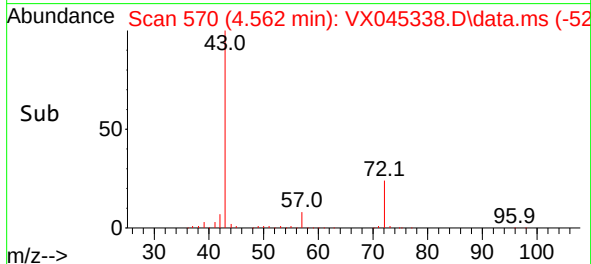
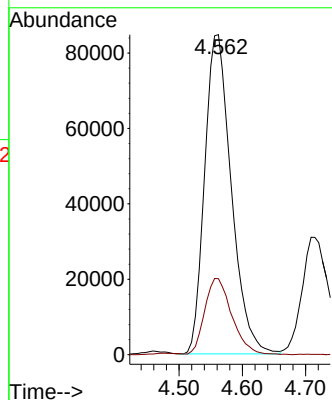
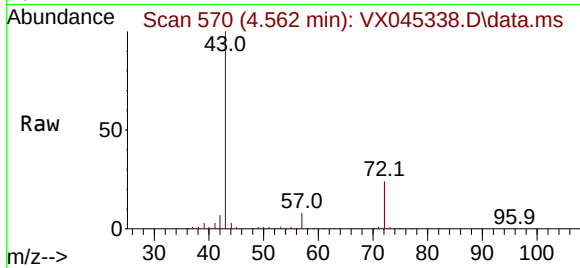
#25
2-Butanone
Concen: 265.213 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 24785
Ion Ratio Lower Upper
43 100
72 23.7 20.0 30.0

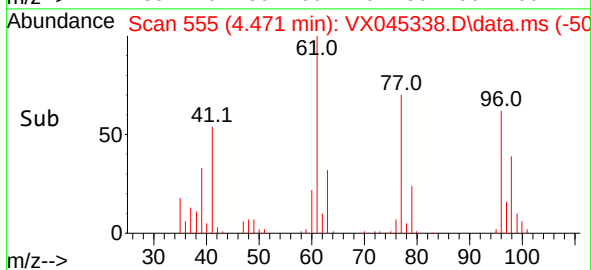
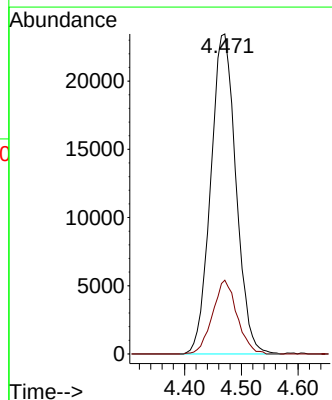
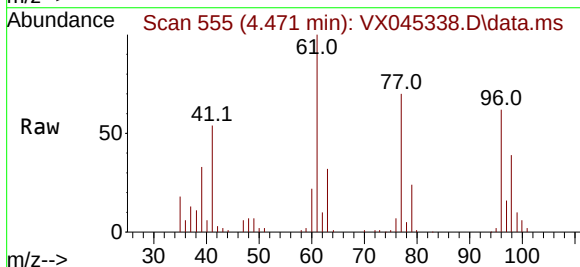
Manual Integrations
APPROVED

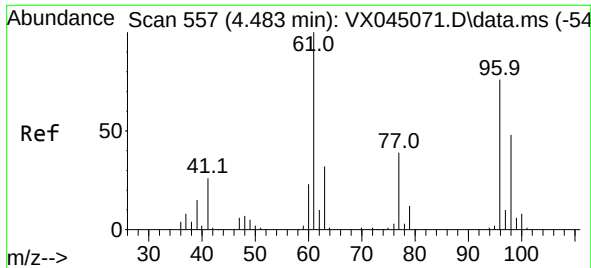
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#26
2,2-Dichloropropane
Concen: 73.651 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 77 Resp: 72453
Ion Ratio Lower Upper
77 100
97 22.4 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 55.166 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 69540

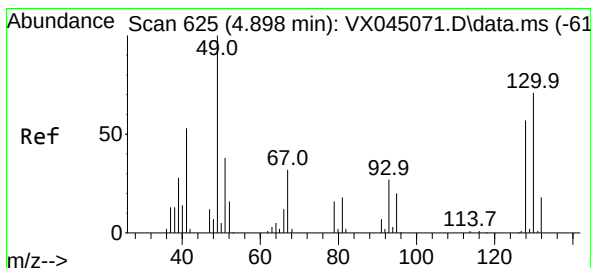
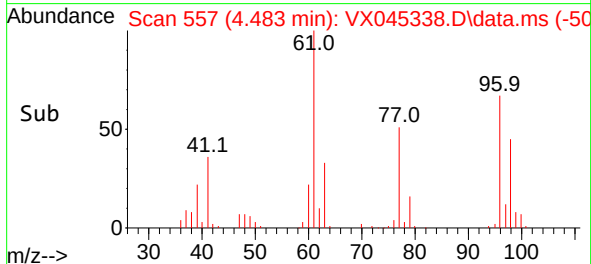
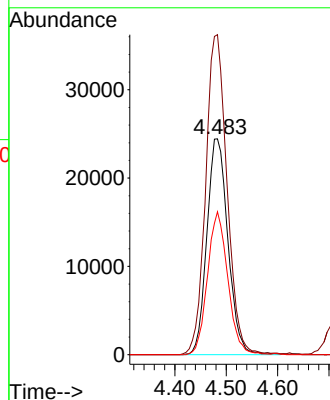
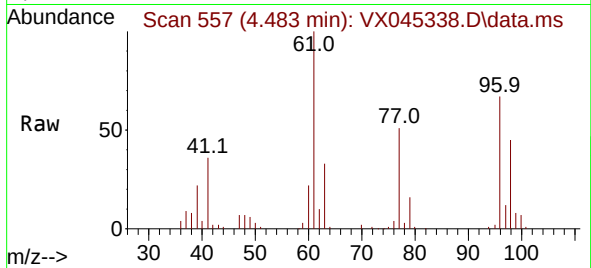
Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	283.2
98	63.9	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#28

Bromochloromethane

Concen: 55.186 ug/l

RT: 4.891 min Scan# 624

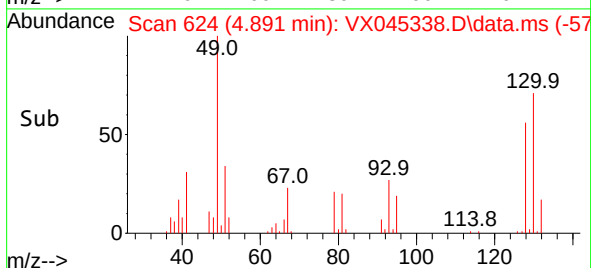
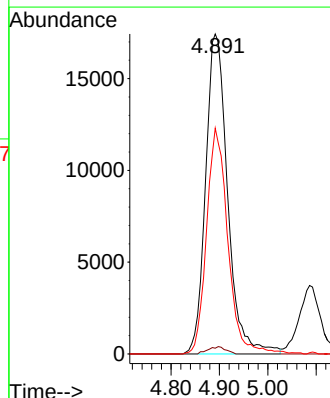
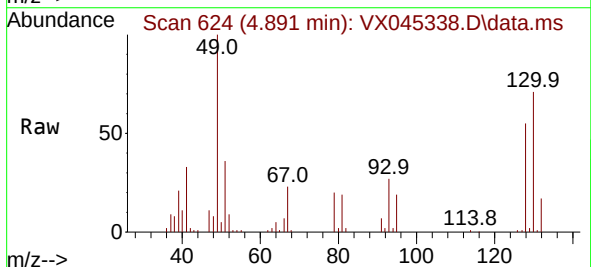
Delta R.T. -0.006 min

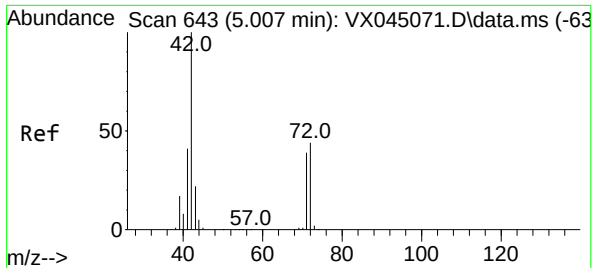
Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Tgt Ion: 49 Resp: 55167

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	68.4	56.1	84.1





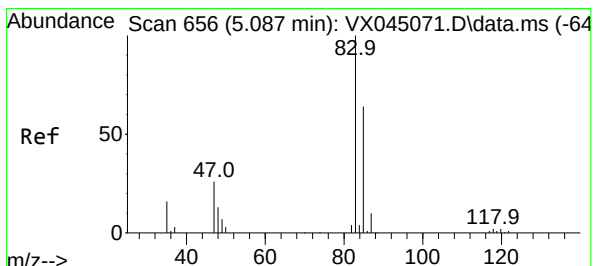
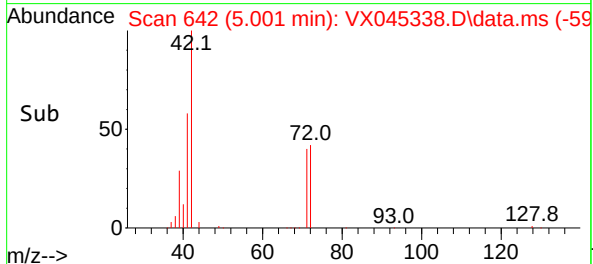
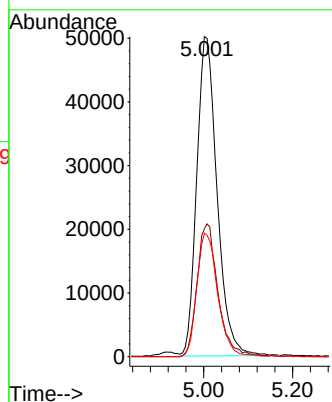
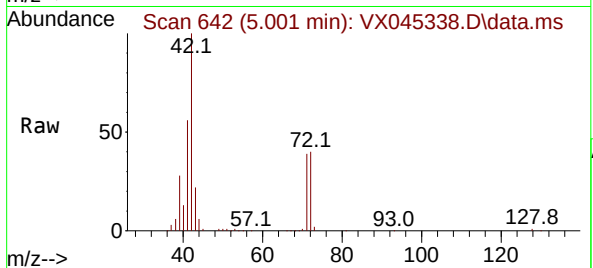
#29
Tetrahydrofuran
Concen: 254.403 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 159660
Ion Ratio Lower Upper
42 100
72 42.9 34.1 51.1
71 39.7 31.4 47.0

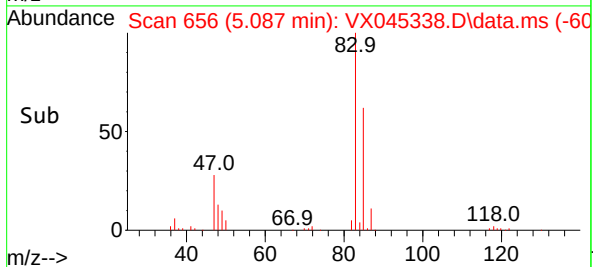
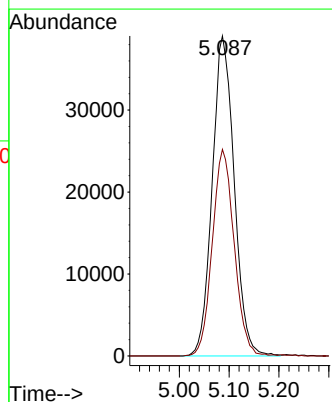
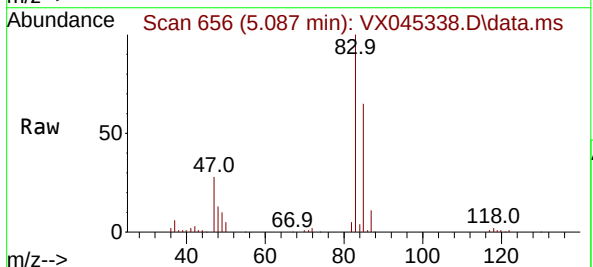
Manual Integrations
APPROVED

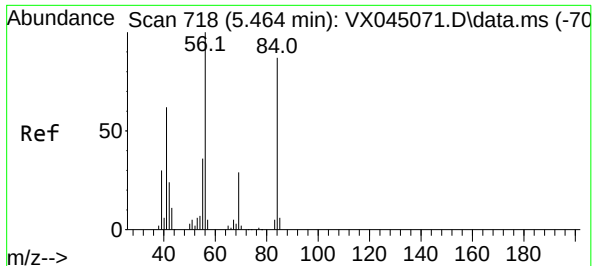
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#30
Chloroform
Concen: 57.373 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

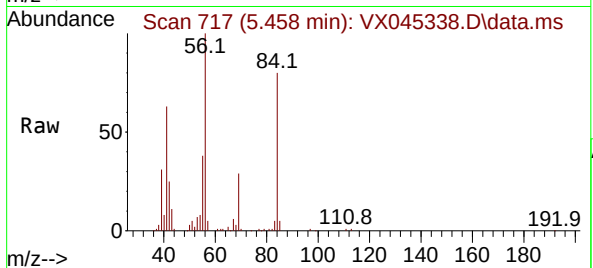
Tgt Ion: 83 Resp: 119558
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2





#31
Cyclohexane
Concen: 51.717 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

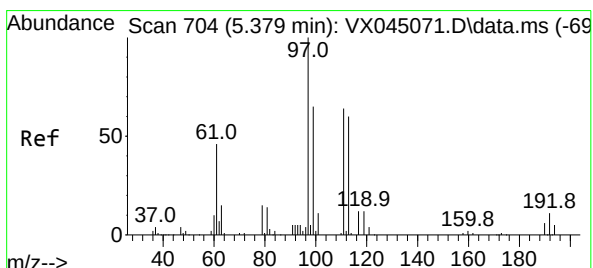
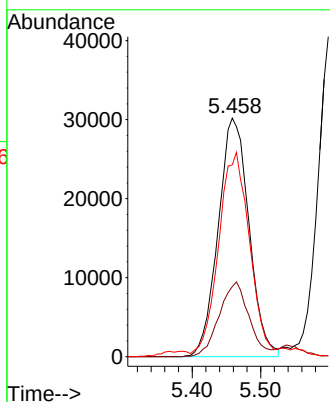
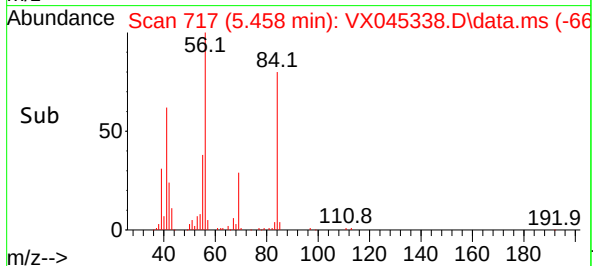
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 94154
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 78.3 69.4 104.2

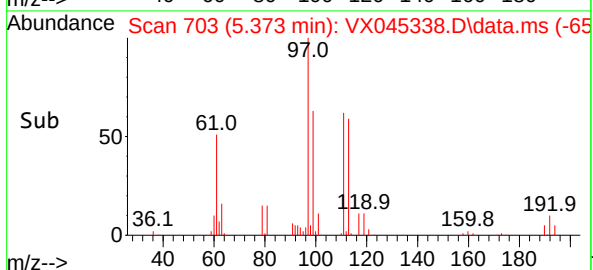
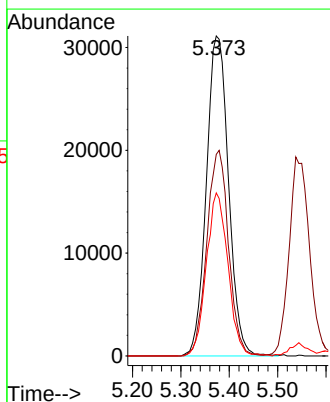
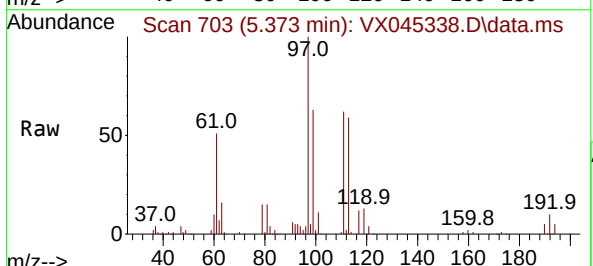
Manual Integrations
APPROVED

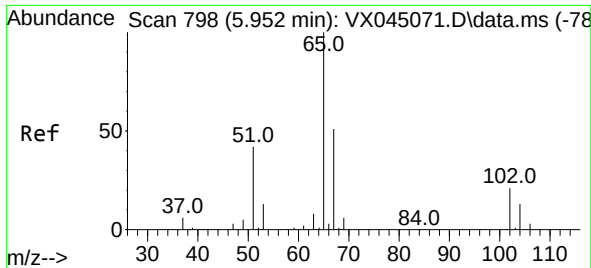
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#32
1,1,1-Trichloroethane
Concen: 58.821 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 97 Resp: 98999
Ion Ratio Lower Upper
97 100
99 63.1 51.6 77.4
61 49.9 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 61.200 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8189

Ion Ratio Lower Upper

65 100

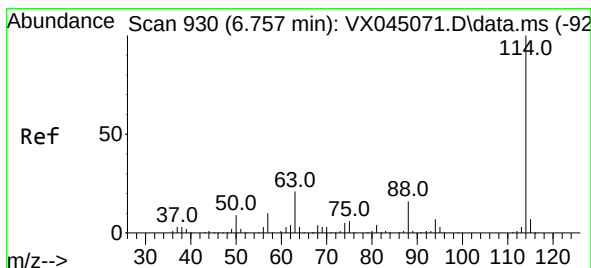
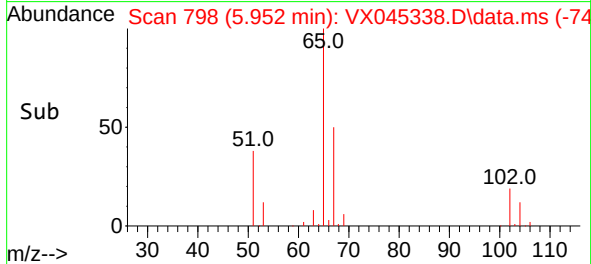
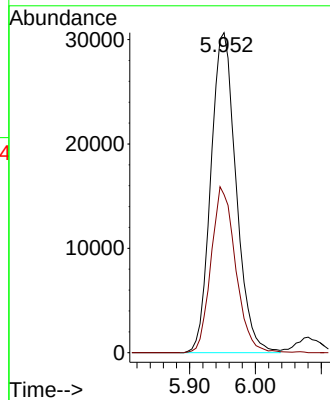
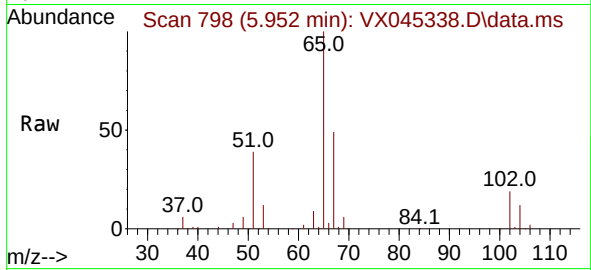
67 50.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

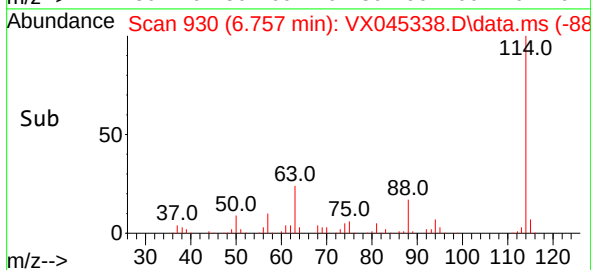
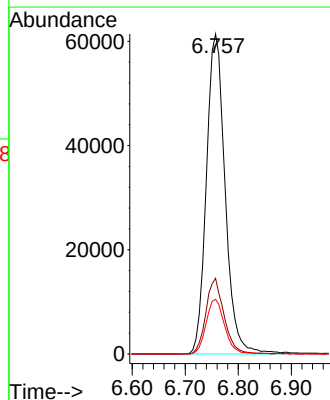
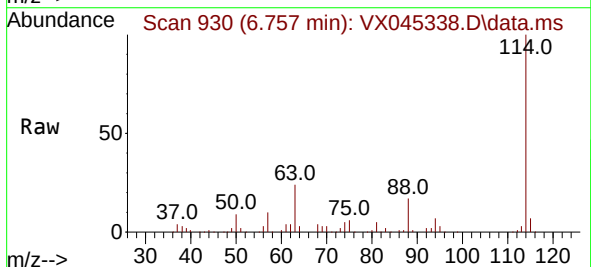
Tgt Ion:114 Resp: 150662

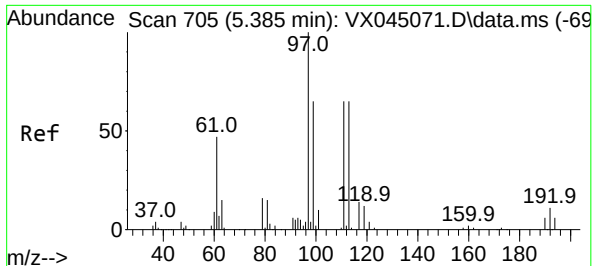
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.8

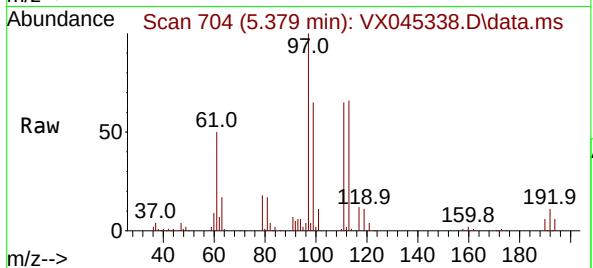
88 17.1 0.0 32.8





#35
Dibromofluoromethane
Concen: 59.296 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

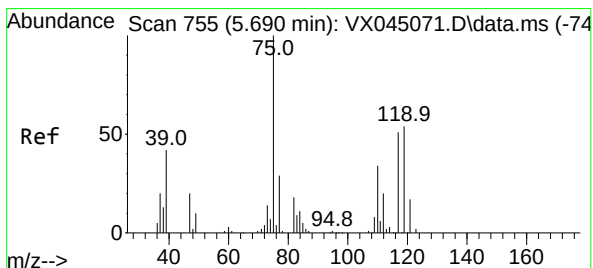
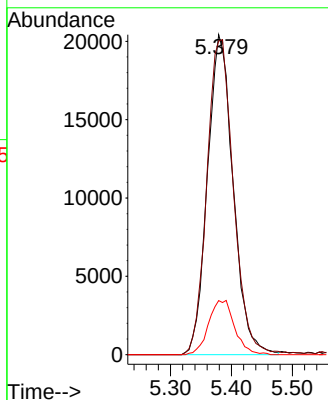
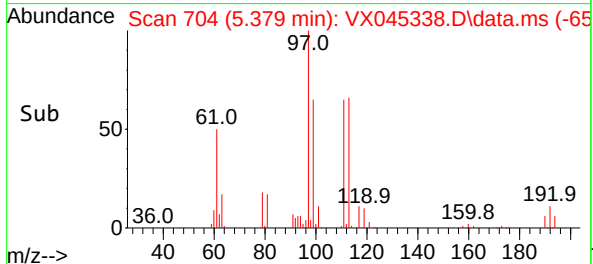
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 5973
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.2 14.3 21.5

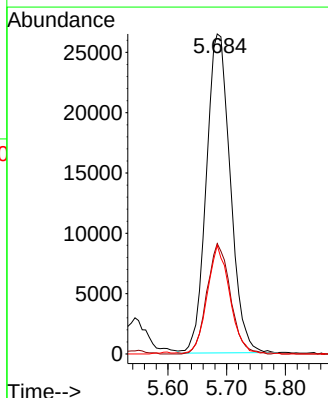
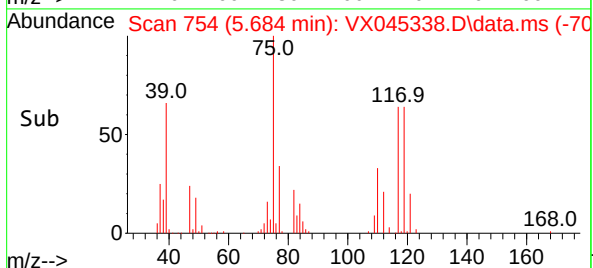
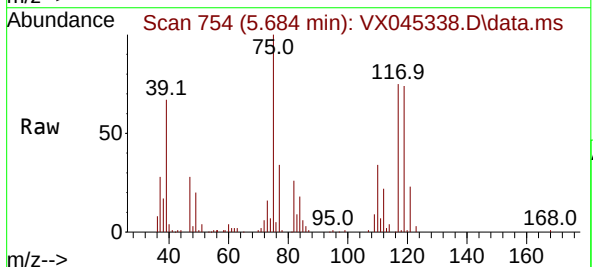
Manual Integrations
APPROVED

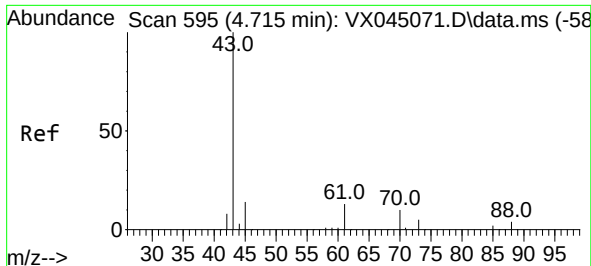
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#36
1,1-Dichloropropene
Concen: 54.316 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 75 Resp: 75043
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.6
77 32.2 24.5 36.7





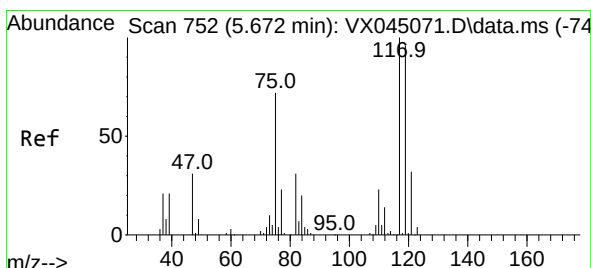
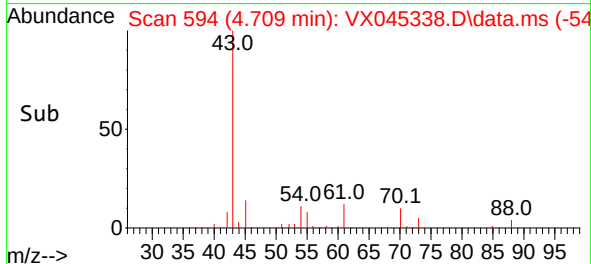
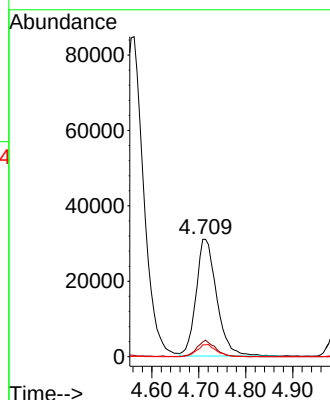
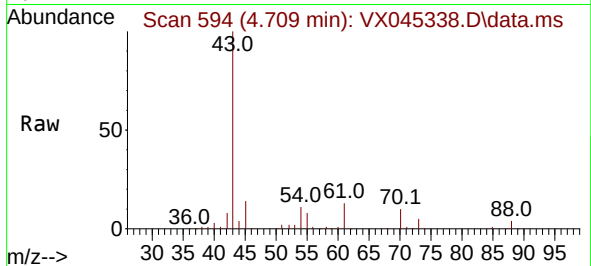
#37
Ethyl Acetate
Concen: 53.112 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 94554
Ion Ratio Lower Upper
43 100
61 12.7 10.8 16.2
70 9.7 7.7 11.5

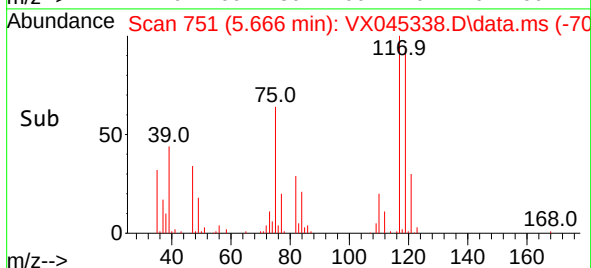
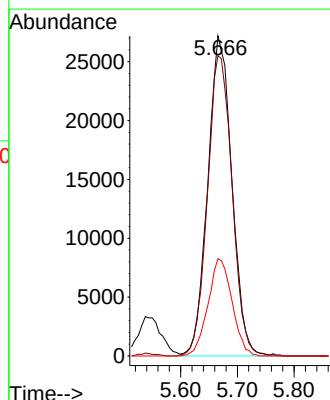
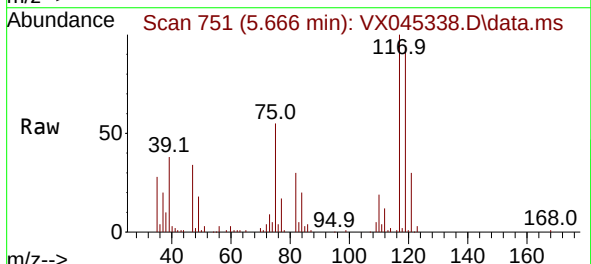
Manual Integrations
APPROVED

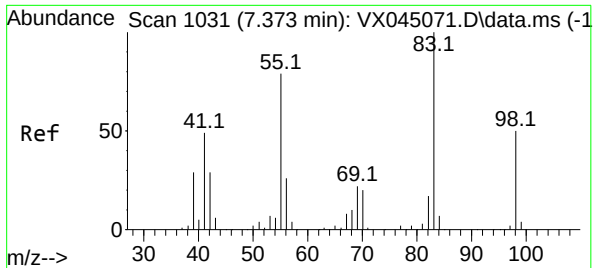
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#38
Carbon Tetrachloride
Concen: 57.276 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:117 Resp: 80339
Ion Ratio Lower Upper
117 100
119 93.5 76.7 115.1
121 30.4 25.5 38.3





#39

Methylcyclohexane

Concen: 56.101 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 92874

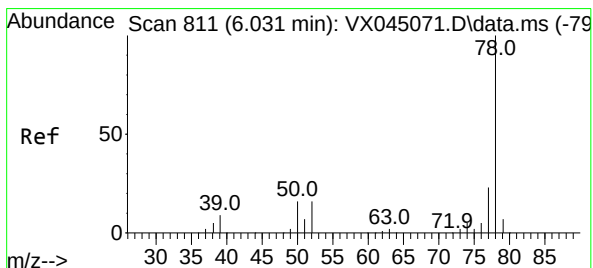
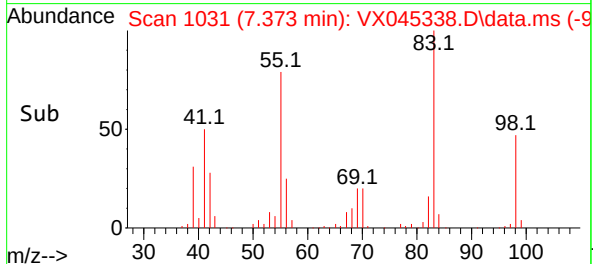
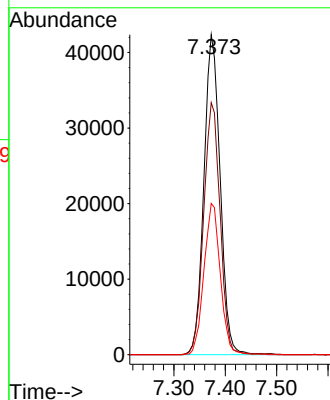
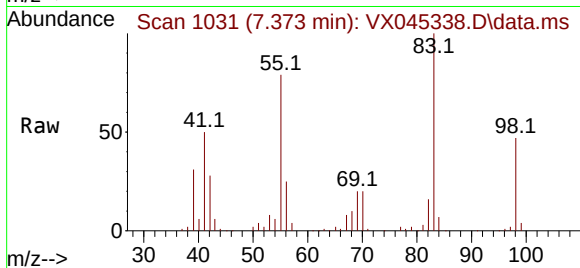
Ion	Ratio	Lower	Upper
83	100		
55	78.8	63.0	94.4
98	47.3	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#40

Benzene

Concen: 54.440 ug/l

RT: 6.031 min Scan# 811

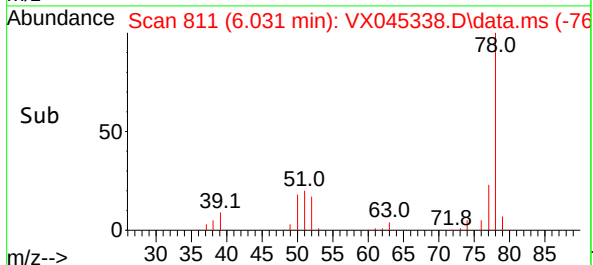
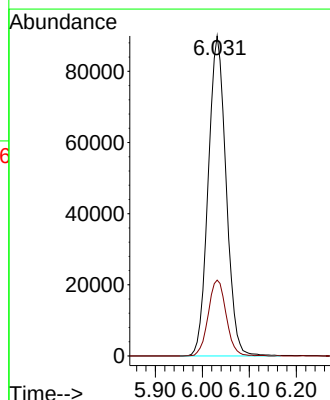
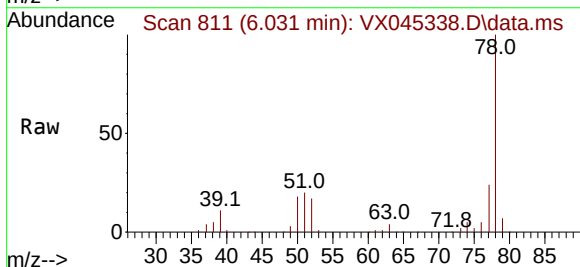
Delta R.T. 0.000 min

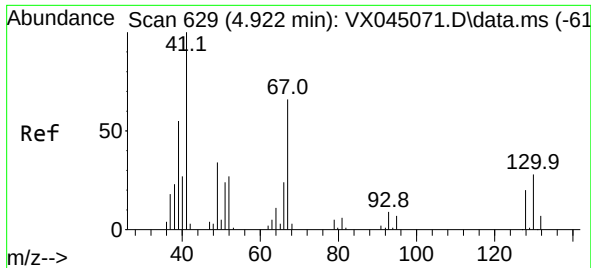
Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Tgt Ion: 78 Resp: 237509

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





#41
Methacrylonitrile
Concen: 55.396 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

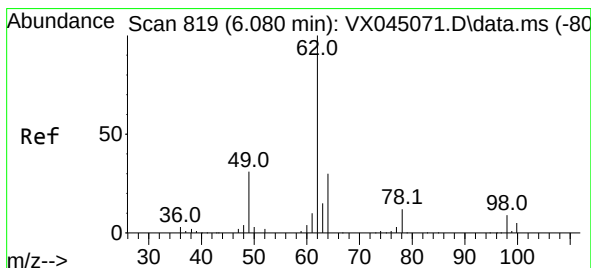
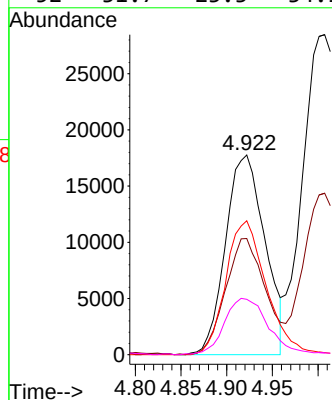
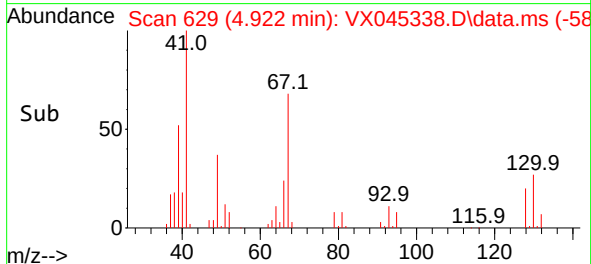
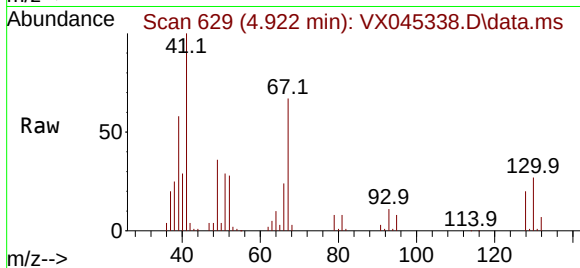
Tgt Ion: 41 Resp: 53320
Ion Ratio Lower Upper
41 100
39 60.0 44.6 67.0
67 69.2 53.9 80.9
52 31.7 23.3 34.9

Manual Integrations

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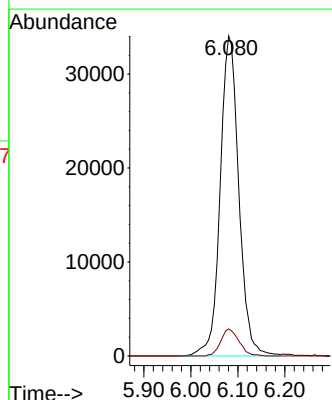
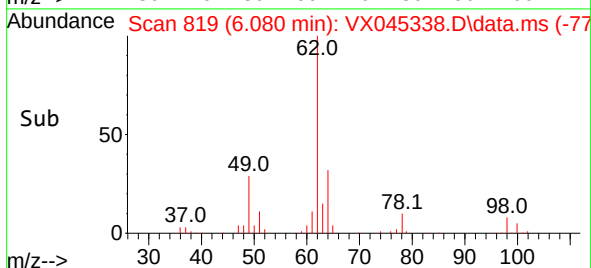
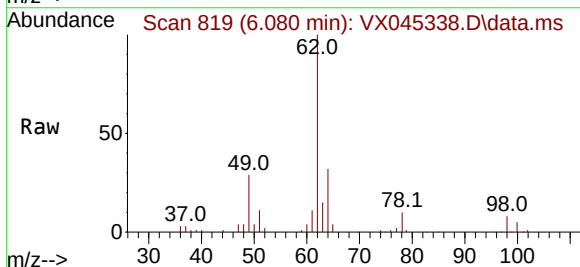
Reviewed By :John Carlone 03/19/2025

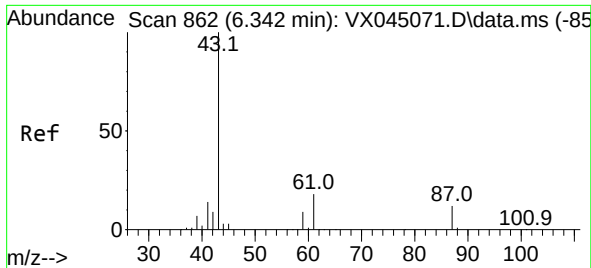
Supervised By :Mahesh Dadoda 03/19/2025



#42
1,2-Dichloroethane
Concen: 59.907 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

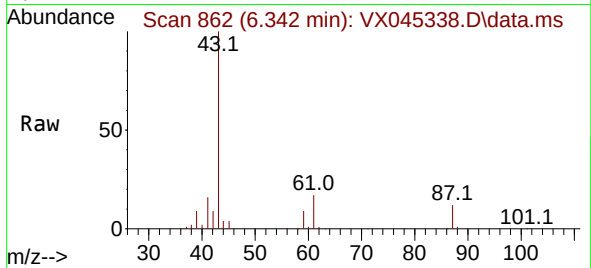
Tgt Ion: 62 Resp: 94116
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.2





#43
Isopropyl Acetate
Concen: 57.177 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

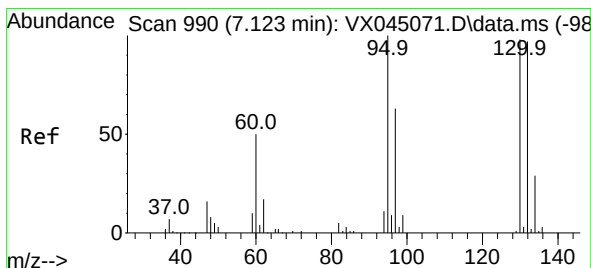
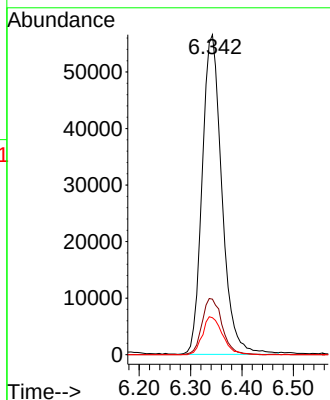
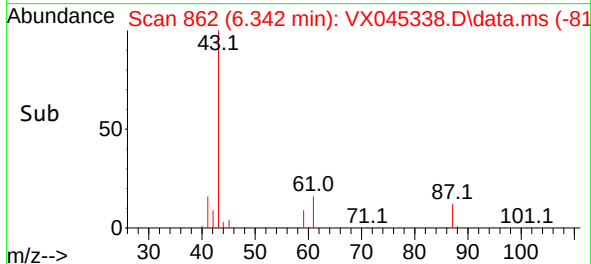
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 150519
Ion Ratio Lower Upper
43 100
61 17.9 14.9 22.3
87 12.0 9.4 14.2

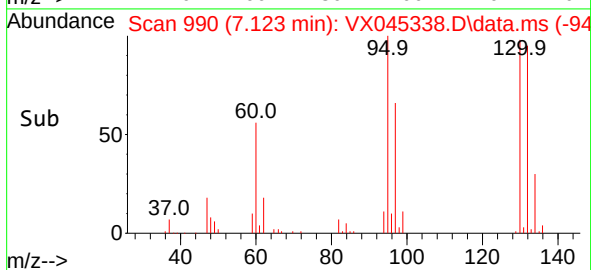
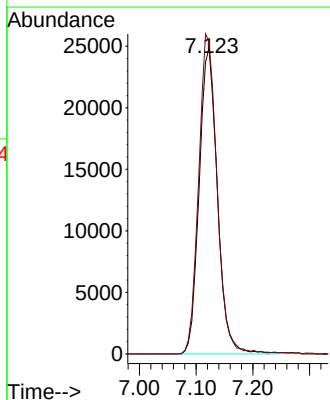
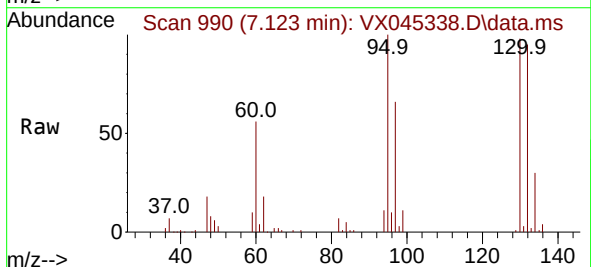
Manual Integrations
APPROVED

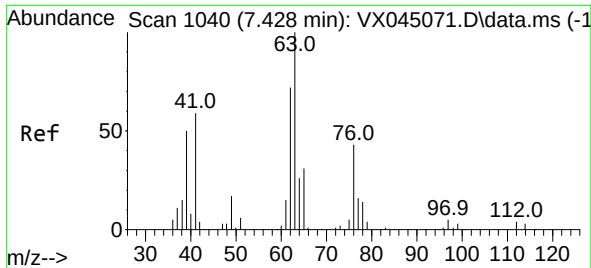
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#44
Trichloroethene
Concen: 54.201 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:130 Resp: 55524
Ion Ratio Lower Upper
130 100
95 101.9 0.0 205.0





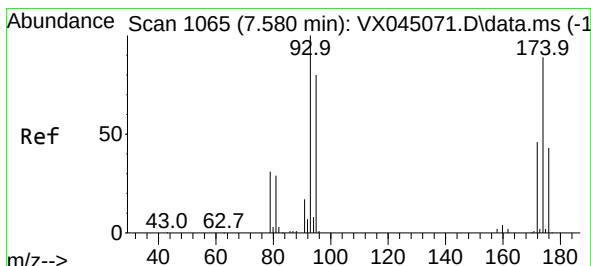
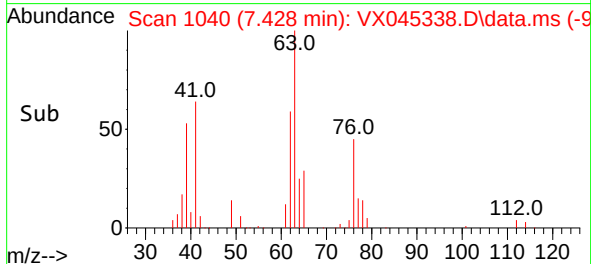
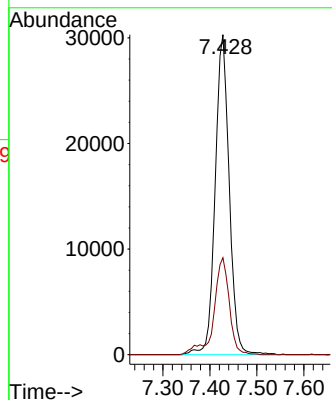
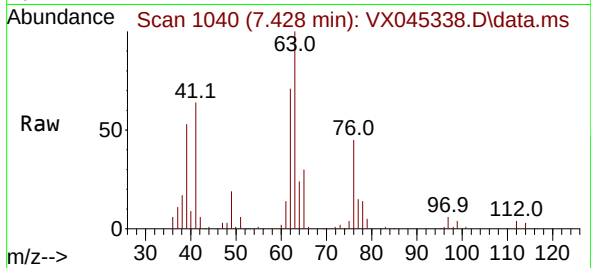
#45
1,2-Dichloropropane
Concen: 56.158 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 6299
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1

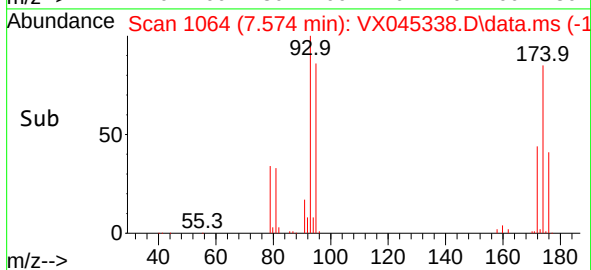
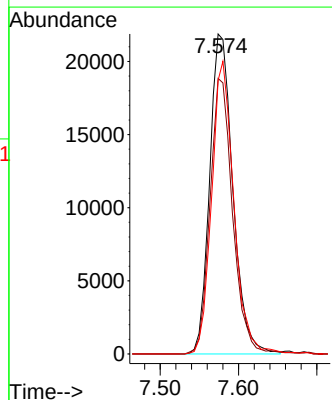
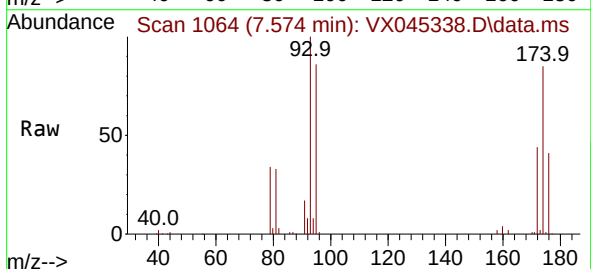
Manual Integrations
APPROVED

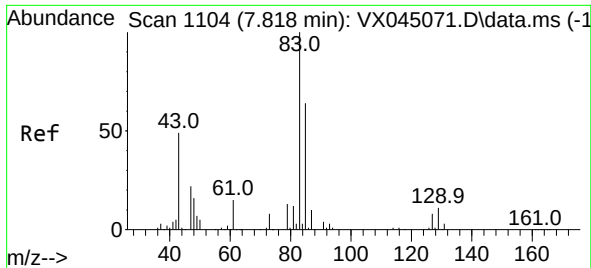
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#46
Dibromomethane
Concen: 56.759 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 93 Resp: 45001
Ion Ratio Lower Upper
93 100
95 84.1 65.8 98.8
174 87.8 72.2 108.2





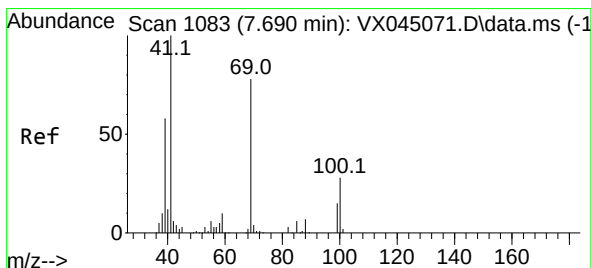
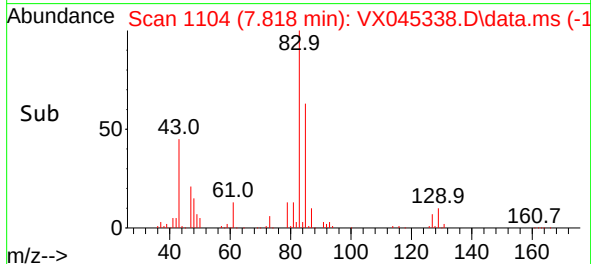
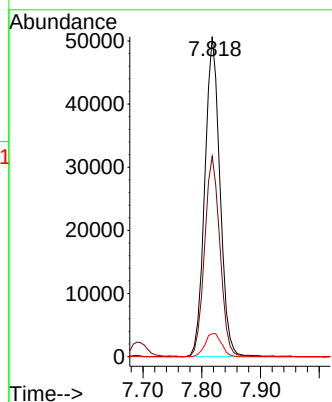
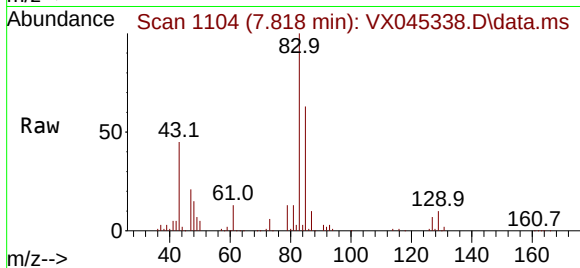
#47
Bromodichloromethane
Concen: 58.336 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9072
Ion Ratio Lower Upper
83 100
85 62.6 51.1 76.7
127 7.1 6.4 9.6

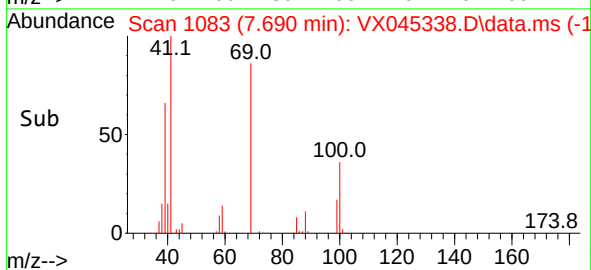
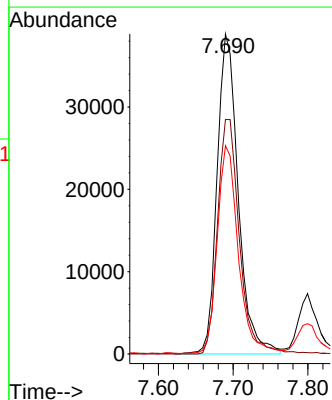
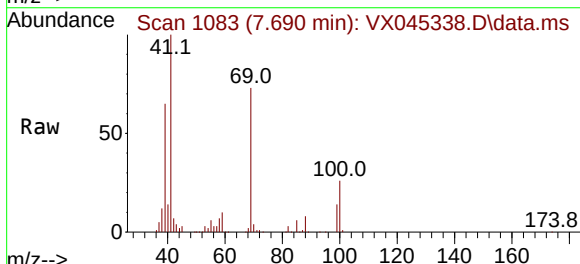
Manual Integrations
APPROVED

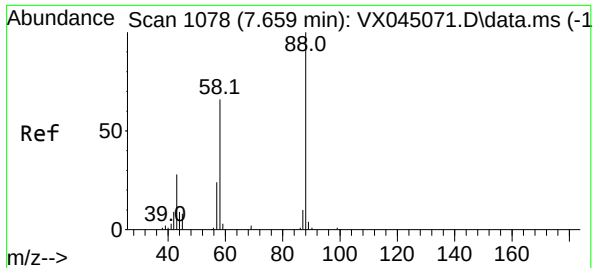
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#48
Methyl methacrylate
Concen: 57.992 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

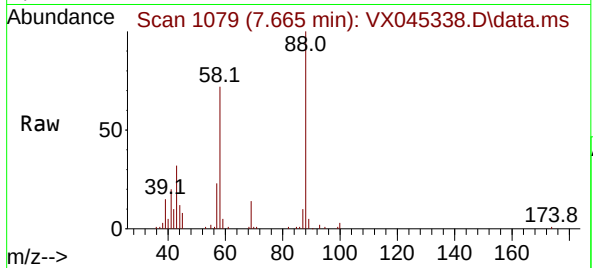
Tgt Ion: 41 Resp: 76591
Ion Ratio Lower Upper
41 100
69 76.1 63.0 94.6
39 64.5 47.5 71.3





#49
1,4-Dioxane
Concen: 924.511 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

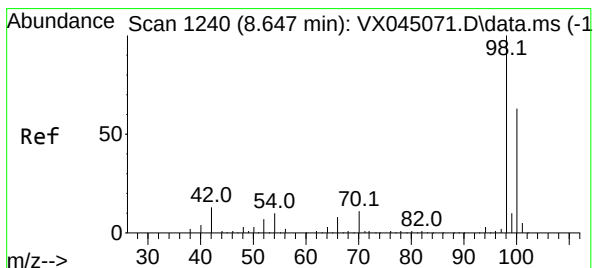
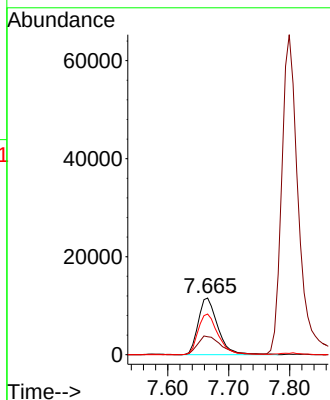
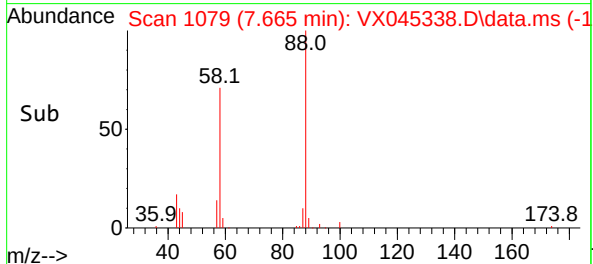
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 25750
Ion Ratio Lower Upper
88 100
43 40.2 28.7 43.1
58 73.5 55.8 83.8

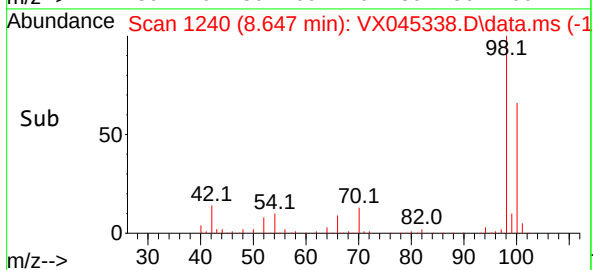
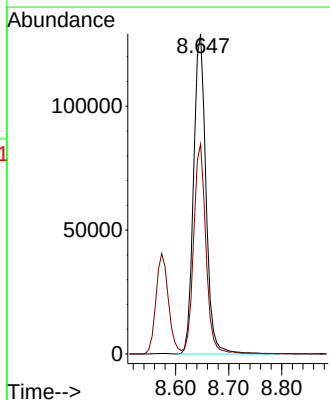
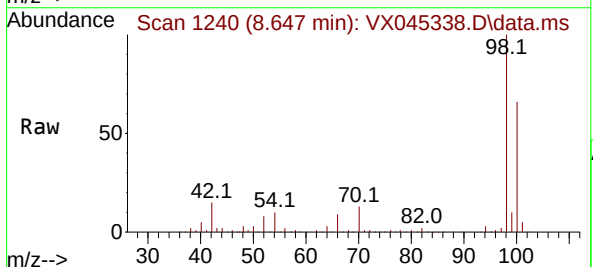
Manual Integrations
APPROVED

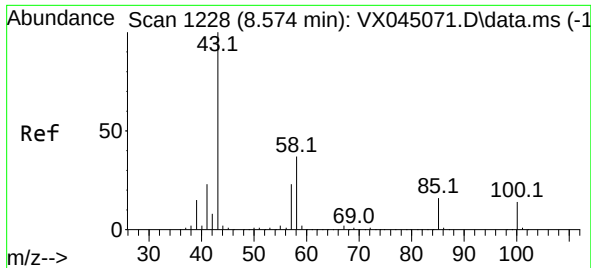
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#50
Toluene-d8
Concen: 57.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 98 Resp: 210146
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





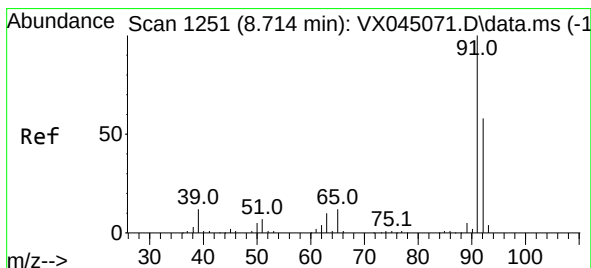
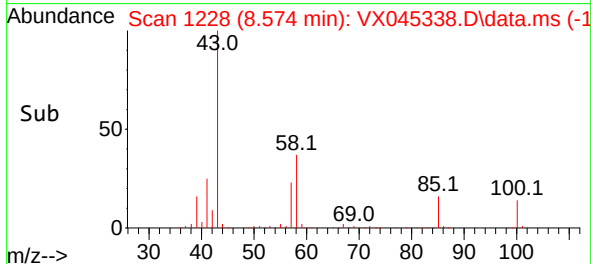
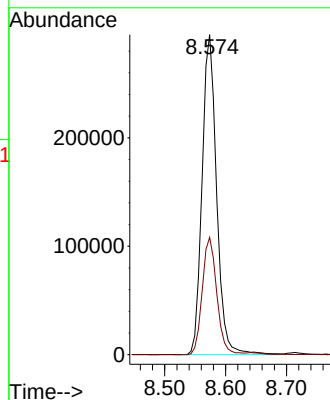
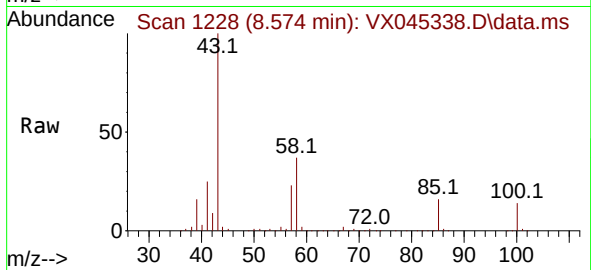
#51
4-Methyl-2-Pentanone
Concen: 277.341 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 490220
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8

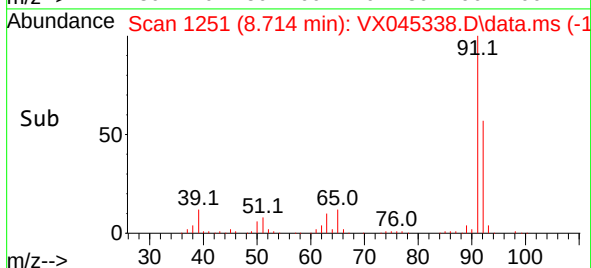
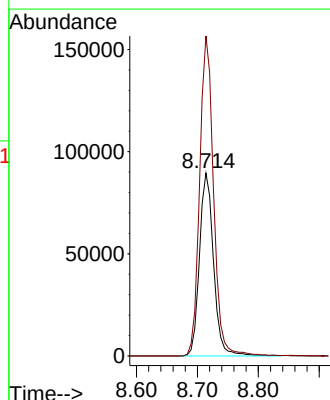
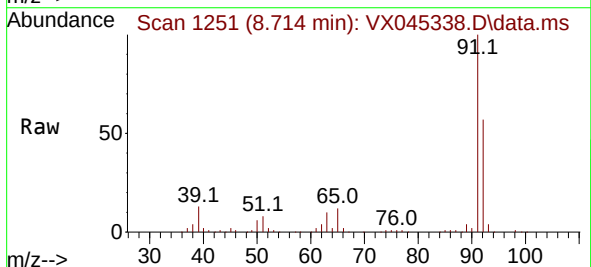
Manual Integrations
APPROVED

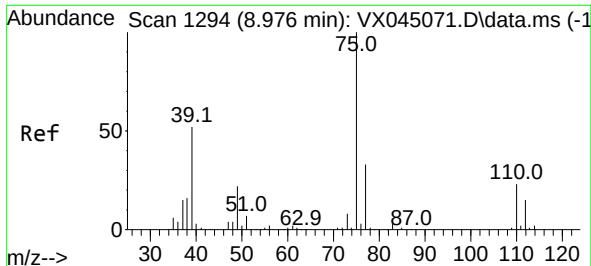
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#52
Toluene
Concen: 56.134 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 92 Resp: 143688
Ion Ratio Lower Upper
92 100
91 173.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 60.605 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 78792

Ion Ratio Lower Upper

75 100

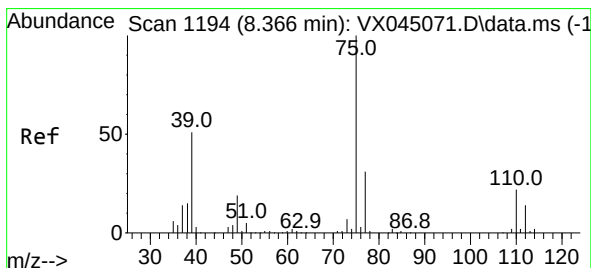
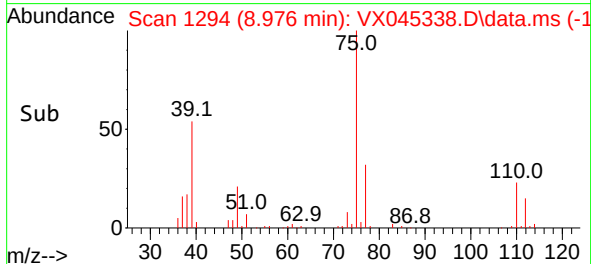
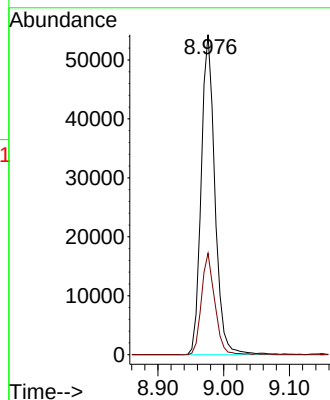
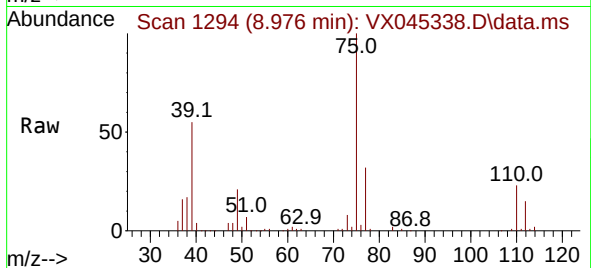
77 31.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#54

cis-1,3-Dichloropropene

Concen: 59.696 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

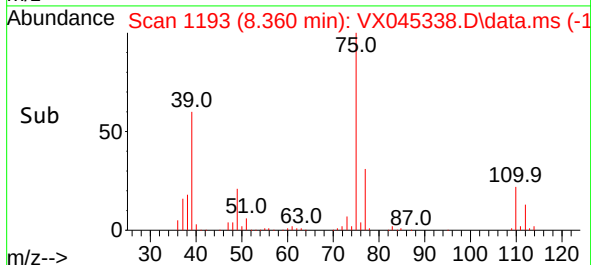
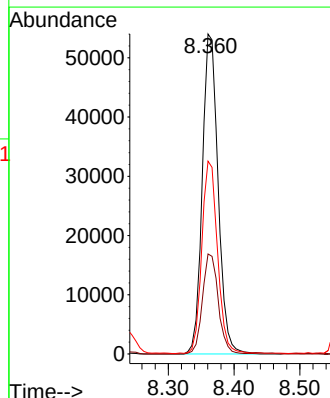
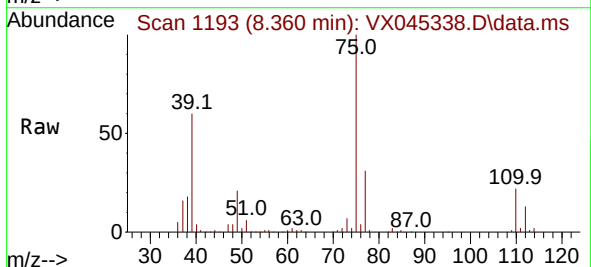
Tgt Ion: 75 Resp: 90501

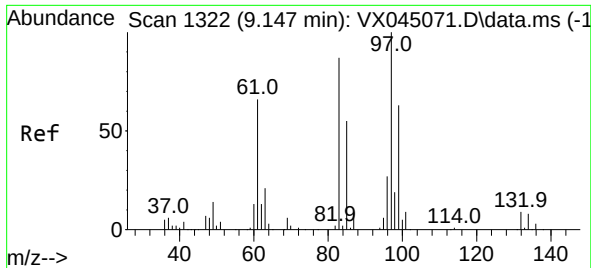
Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

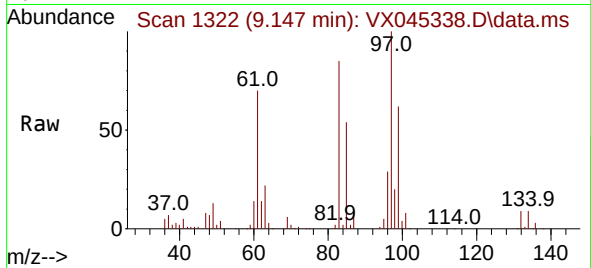
39 60.0 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 55.051 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

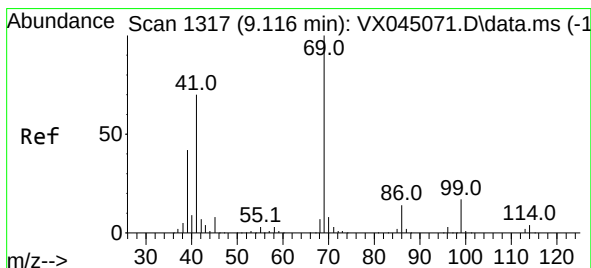
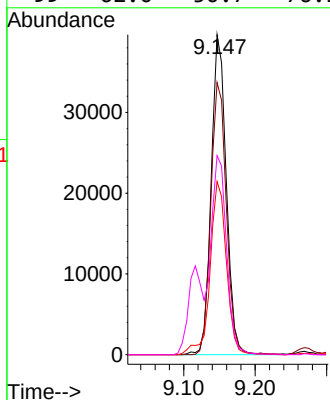
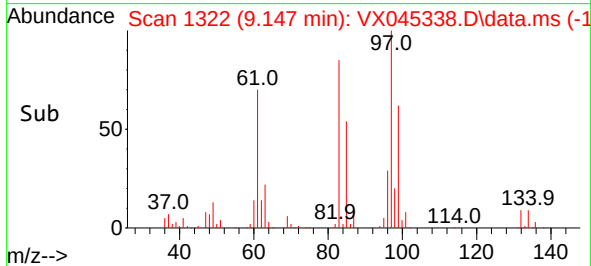
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



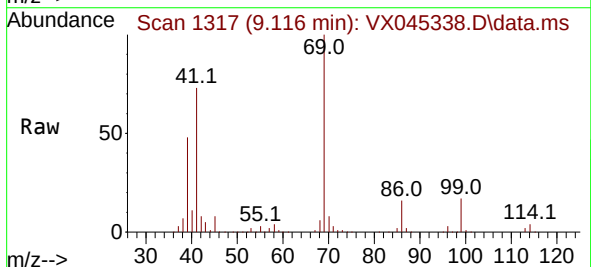
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.4	104.2
85	54.1	44.1	66.1
99	62.0	50.7	76.1

Manual Integrations
APPROVED

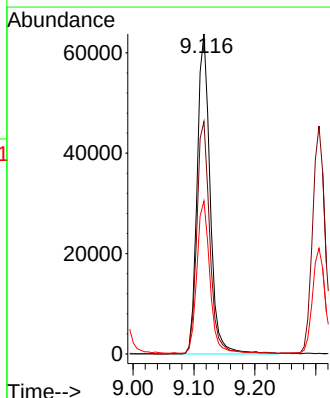
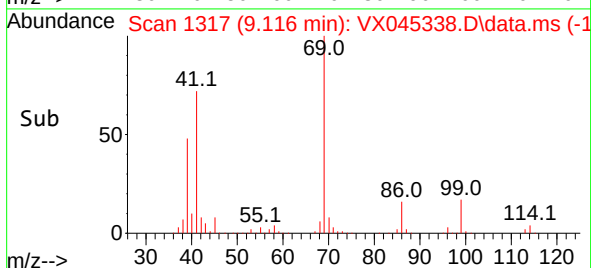
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

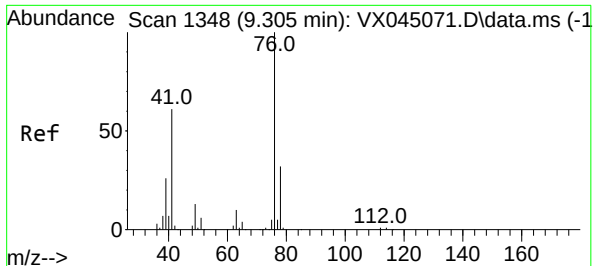


#56
Ethyl methacrylate
Concen: 58.695 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16



Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.0	85.4
39	48.2	34.2	51.4





#57

1,3-Dichloropropane

Concen: 55.593 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10138

Ion Ratio Lower Upper

76 100

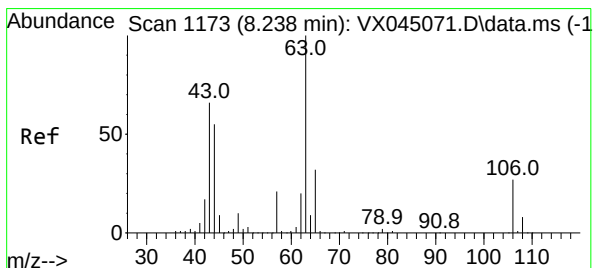
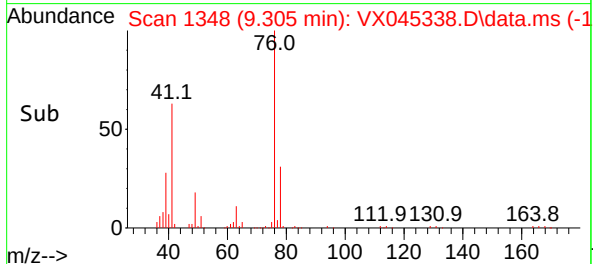
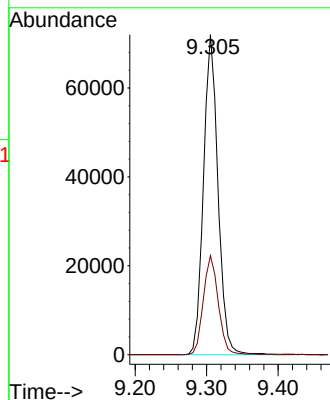
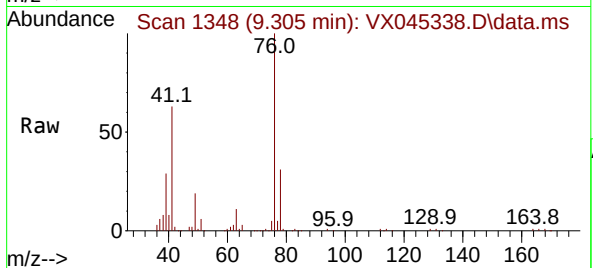
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 314.370 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045338.D

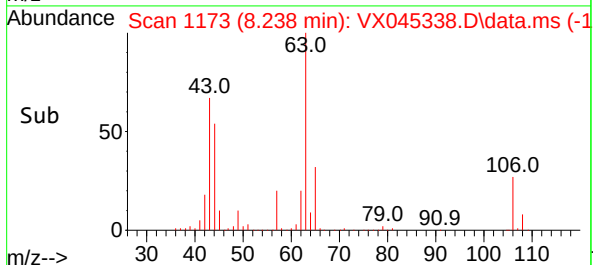
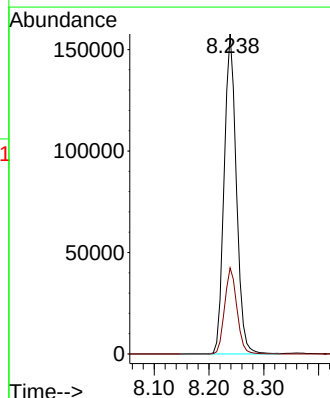
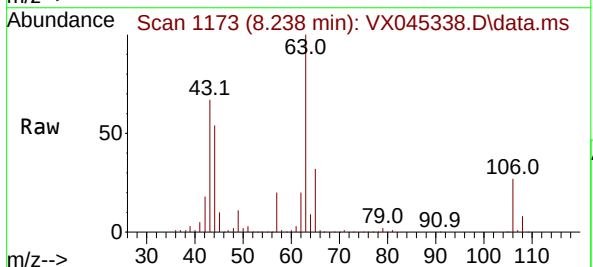
Acq: 18 Mar 2025 20:16

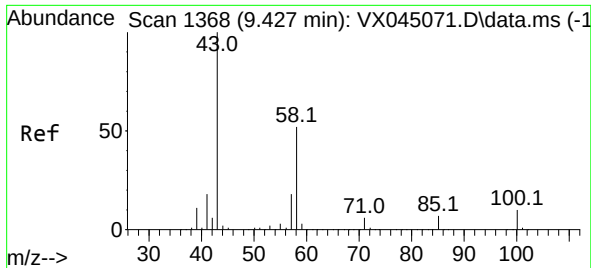
Tgt Ion: 63 Resp: 245641

Ion Ratio Lower Upper

63 100

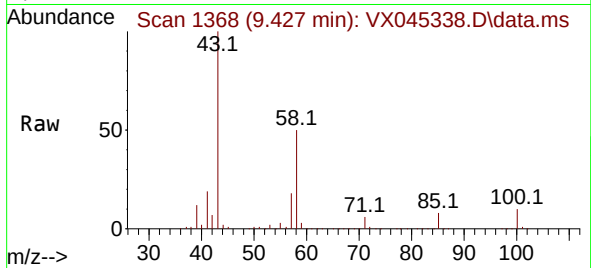
106 27.0 21.5 32.3





#59
2-Hexanone
Concen: 277.843 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

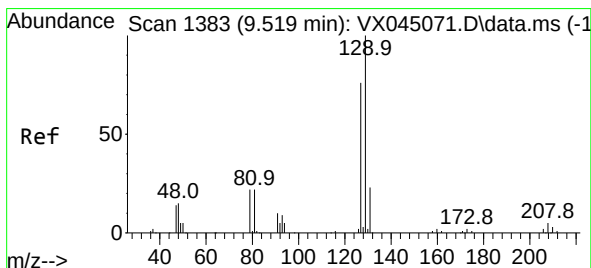
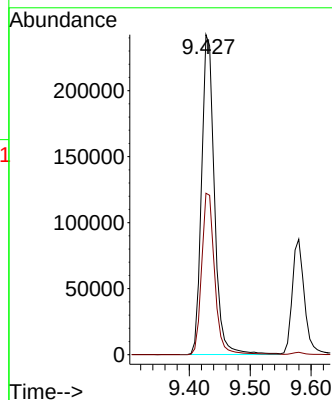
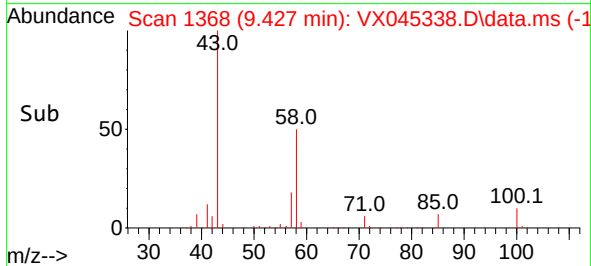
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 355832
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.6

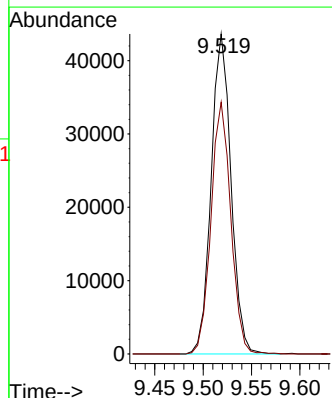
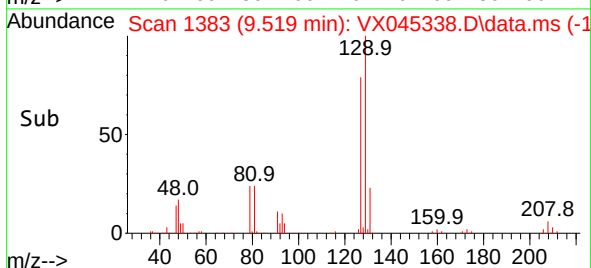
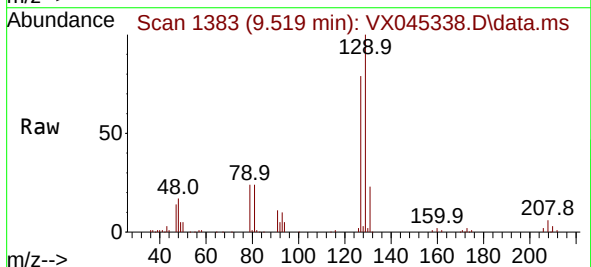
Manual Integrations
APPROVED

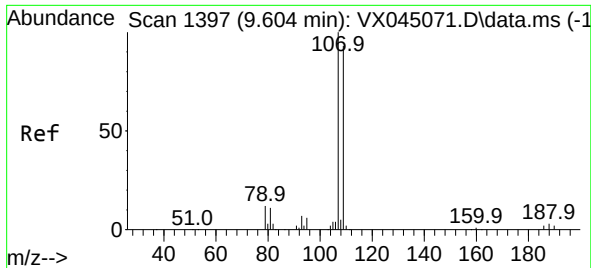
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#60
Dibromochloromethane
Concen: 56.538 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:129 Resp: 62295
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 55.404 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

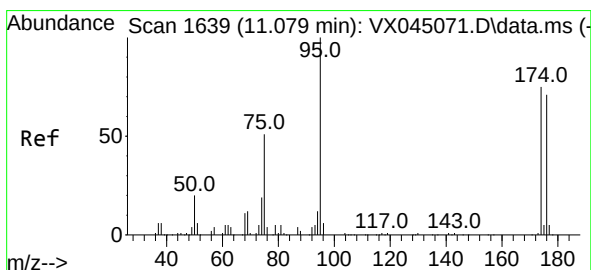
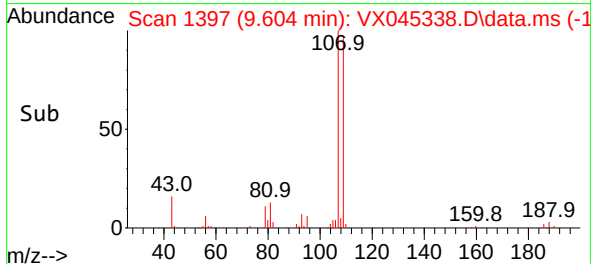
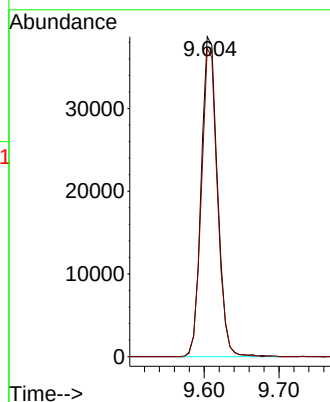
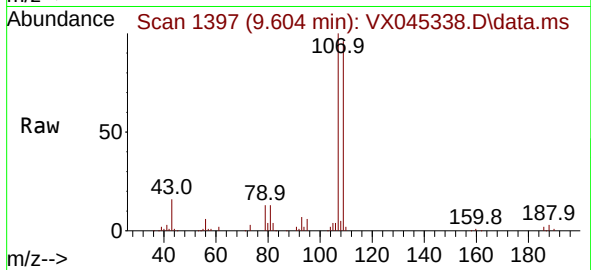
Tgt Ion:107 Resp: 58284
Ion Ratio Lower Upper
107 100
109 94.7 76.1 114.1

Manual Integrations

APPROVED

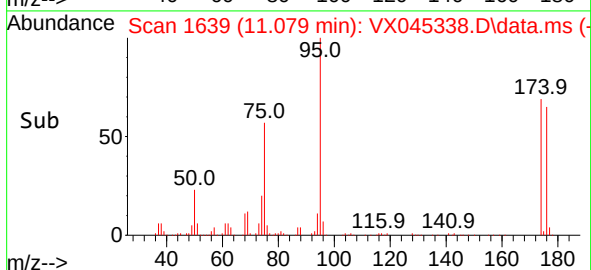
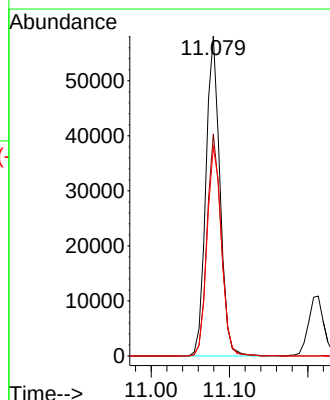
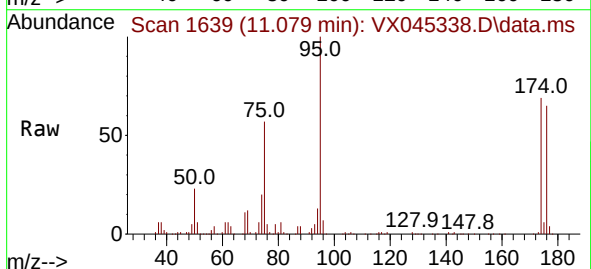
Reviewed By :John Carlone 03/19/2025

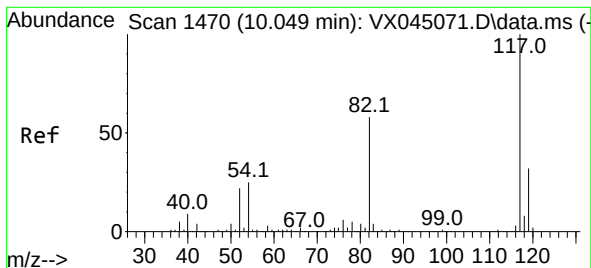
Supervised By :Mahesh Dadoda 03/19/2025



#62
4-Bromofluorobenzene
Concen: 59.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

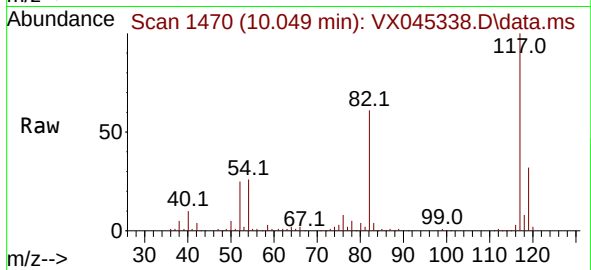
Tgt Ion: 95 Resp: 72166
Ion Ratio Lower Upper
95 100
174 69.5 0.0 148.2
176 67.5 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

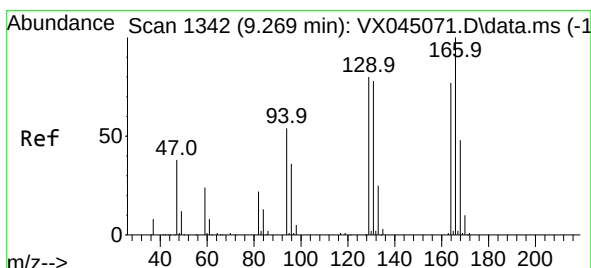
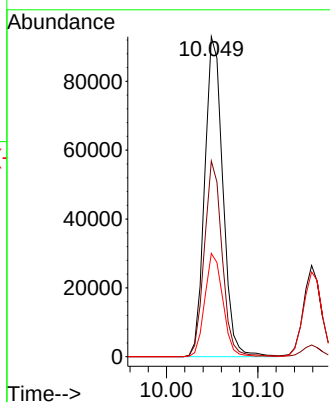
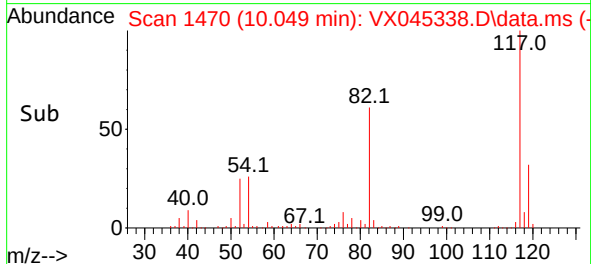
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 128192
Ion Ratio Lower Upper
117 100
82 61.2 46.3 69.5
119 32.3 25.7 38.5

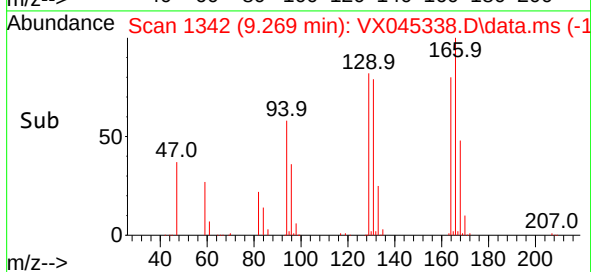
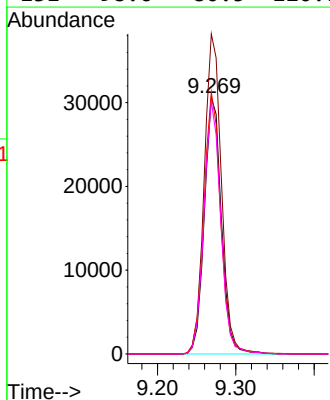
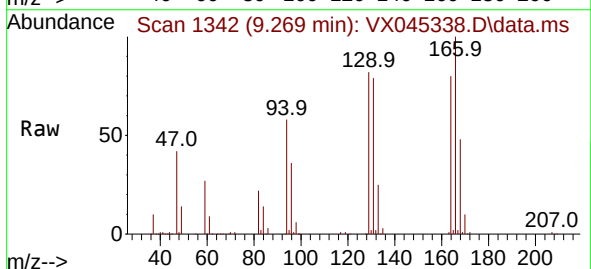
Manual Integrations
APPROVED

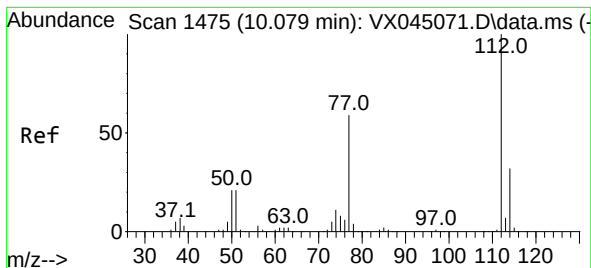
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#64
Tetrachloroethene
Concen: 56.125 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:164 Resp: 46080
Ion Ratio Lower Upper
164 100
166 124.8 103.6 155.4
129 102.2 82.7 124.1
131 98.6 80.5 120.7





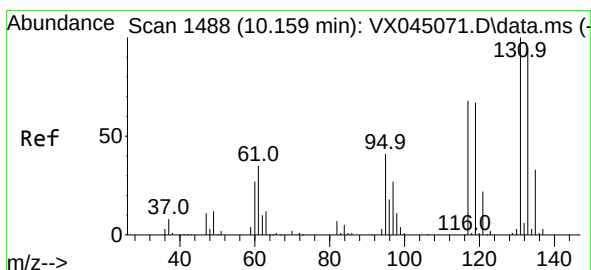
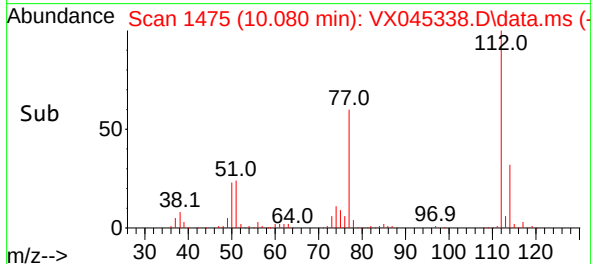
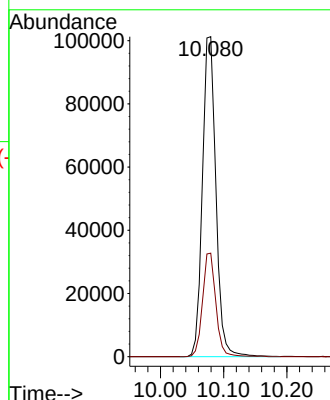
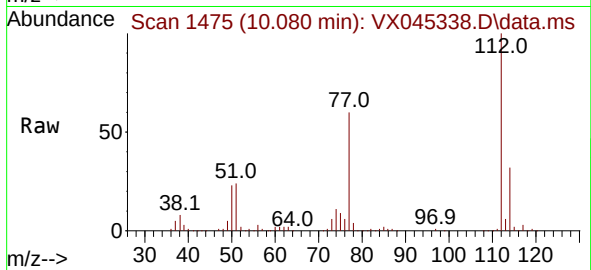
#65
Chlorobenzene
Concen: 55.590 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 150788
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0

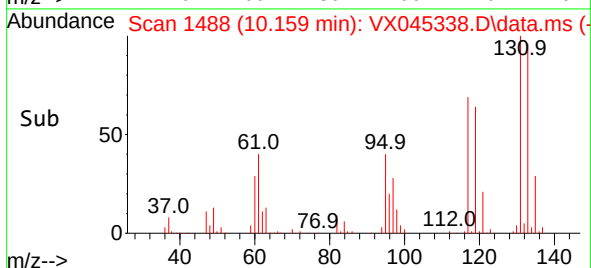
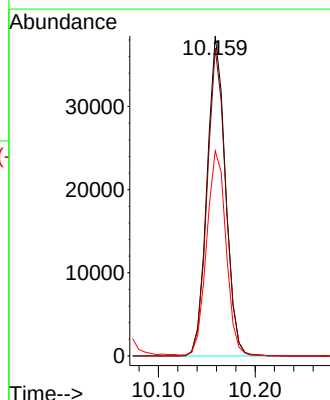
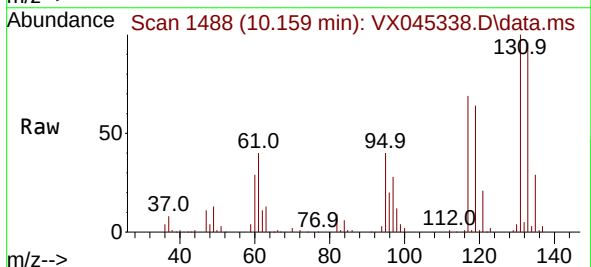
Manual Integrations
APPROVED

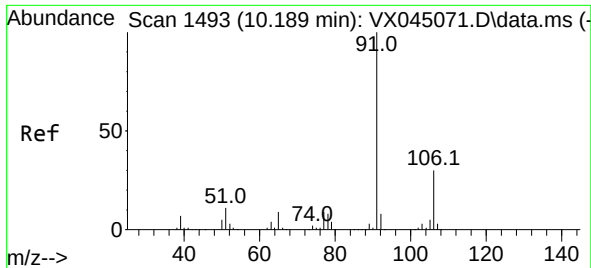
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.285 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

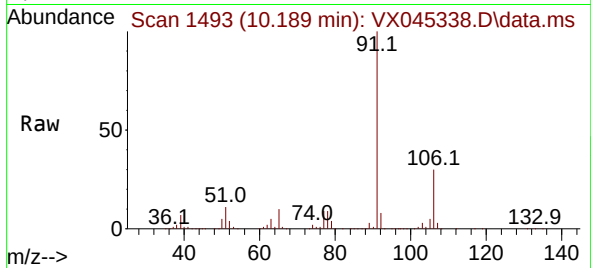
Tgt Ion:131 Resp: 50844
Ion Ratio Lower Upper
131 100
133 96.5 48.6 145.9
119 67.6 33.9 101.7





#67
Ethyl Benzene
Concen: 57.969 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

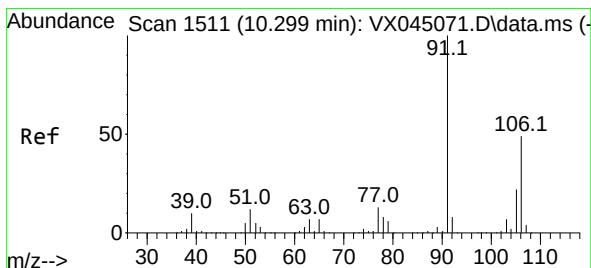
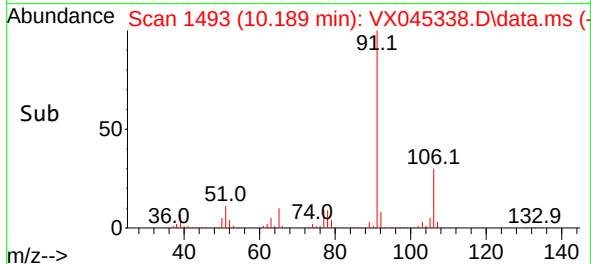
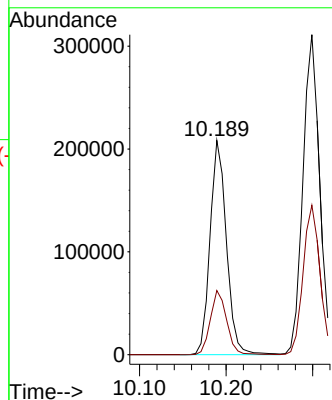
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 273984
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

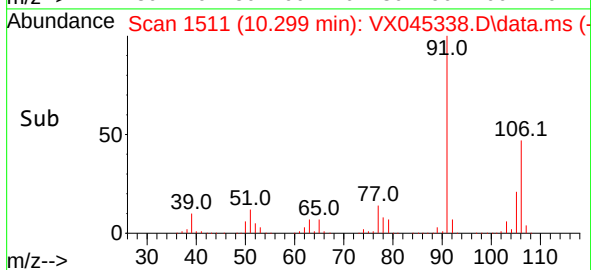
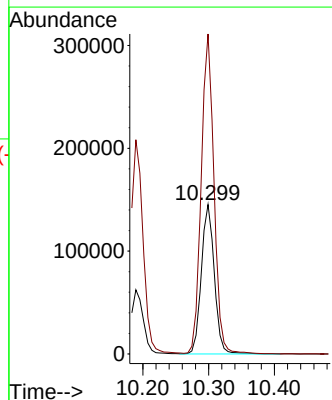
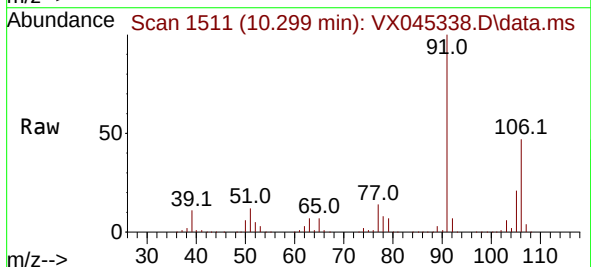
Manual Integrations
APPROVED

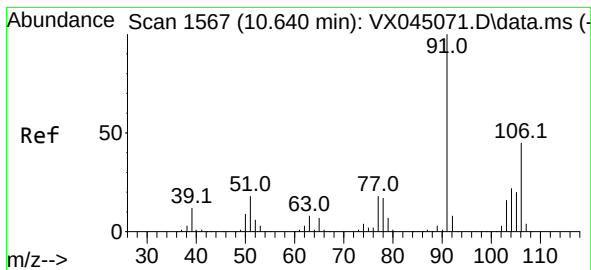
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#68
m/p-Xylenes
Concen: 115.095 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion:106 Resp: 199139
Ion Ratio Lower Upper
106 100
91 211.0 165.4 248.0





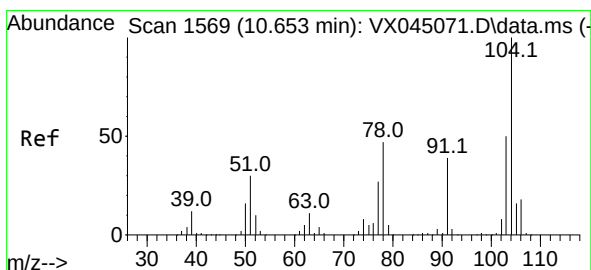
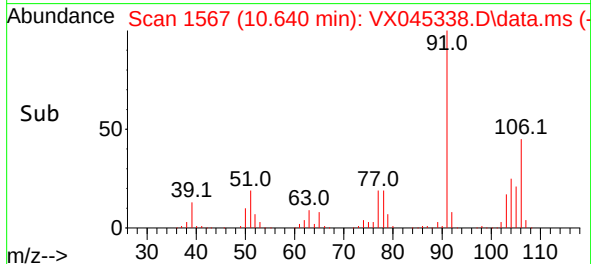
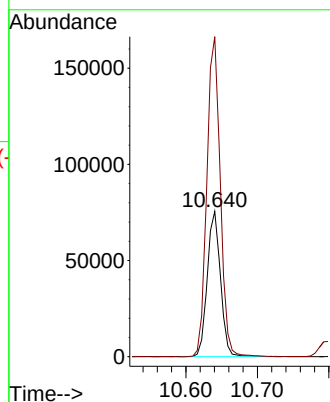
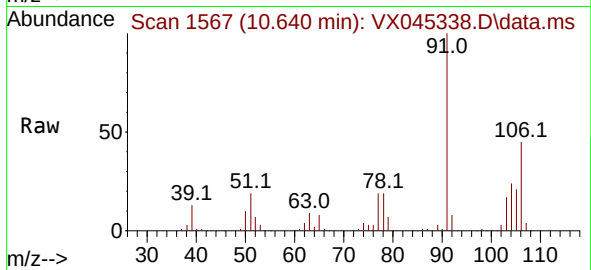
#69
o-Xylene
Concen: 55.670 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 97145
Ion Ratio Lower Upper
106 100
91 223.8 109.9 329.6

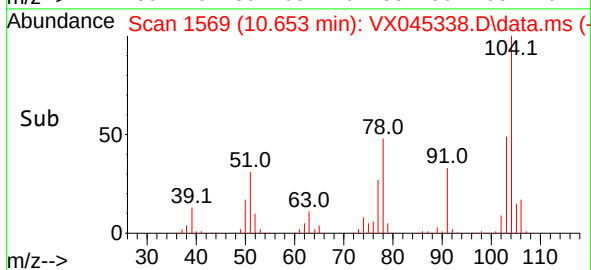
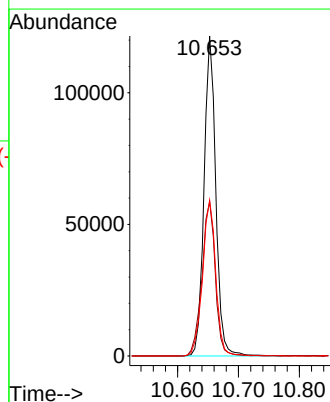
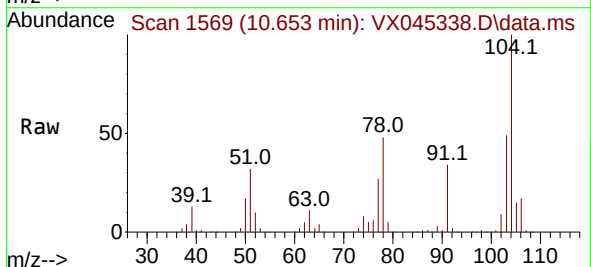
Manual Integrations
APPROVED

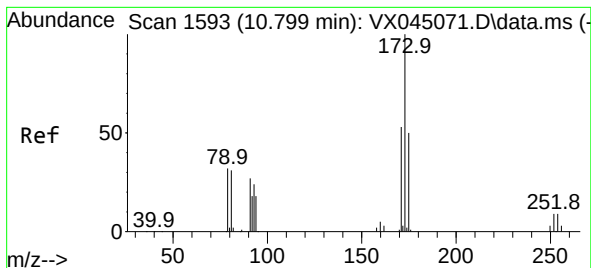
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#70
Styrene
Concen: 57.851 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

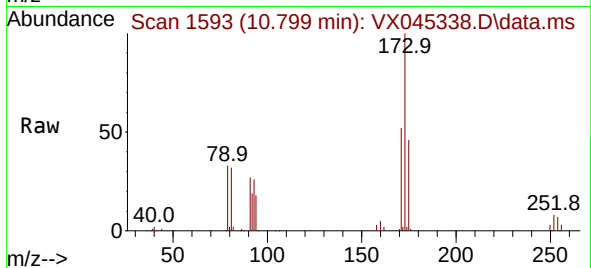
Tgt Ion:104 Resp: 163347
Ion Ratio Lower Upper
104 100
78 55.0 42.2 63.4
103 54.8 43.8 65.8





#71
Bromoform
Concen: 55.853 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

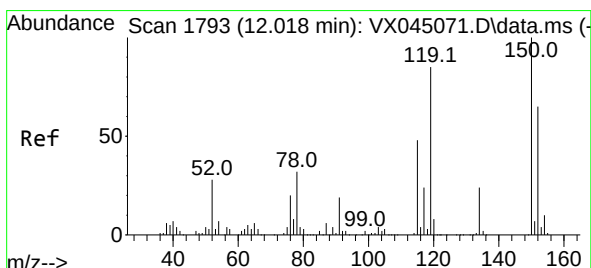
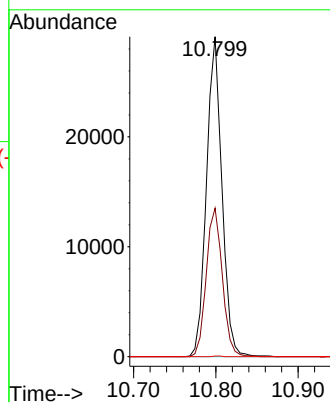
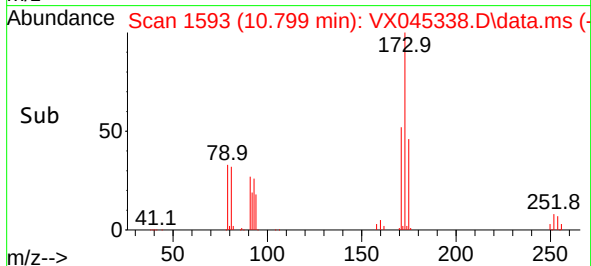
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



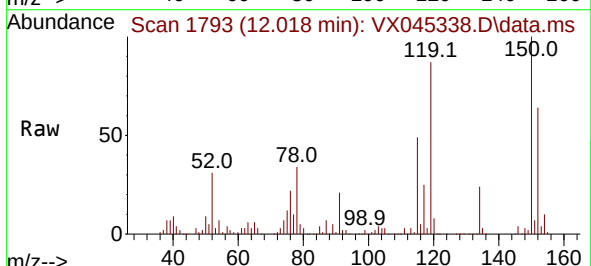
Tgt Ion:173 Resp: 38040
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

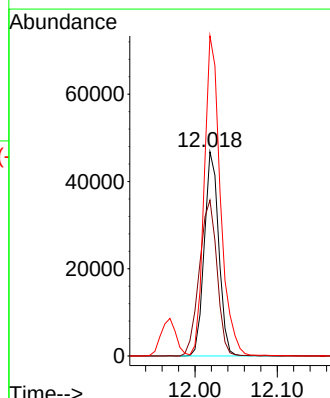
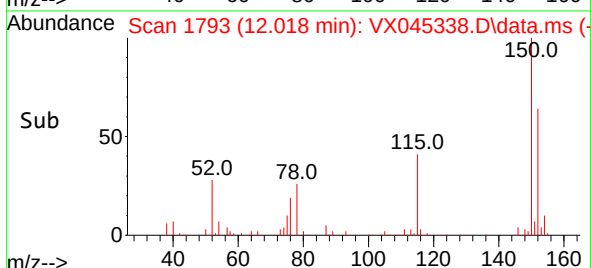
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

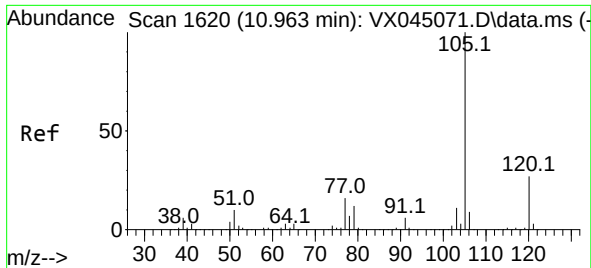


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16



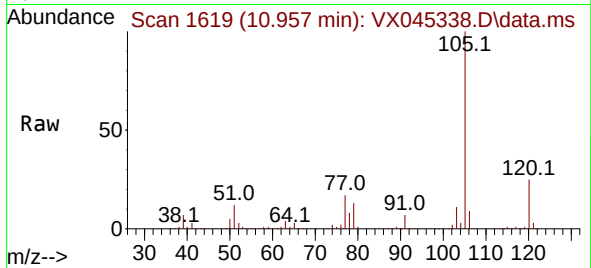
Tgt Ion:152 Resp: 57337
Ion Ratio Lower Upper
152 100
115 93.3 44.2 132.6
150 175.1 0.0 349.0





#73
Isopropylbenzene
Concen: 57.476 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

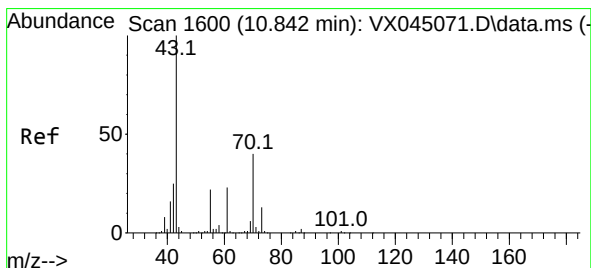
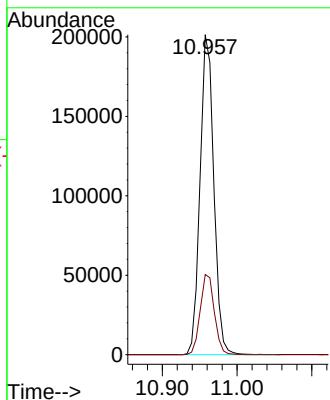
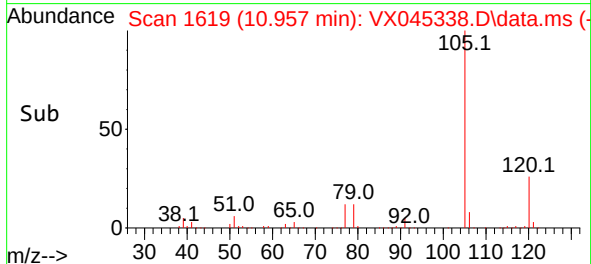
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 257220
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

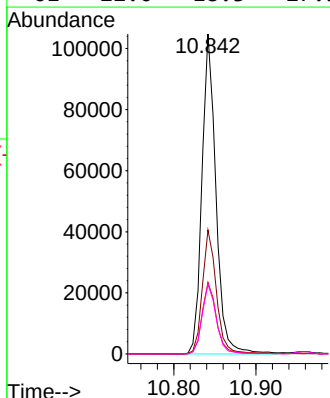
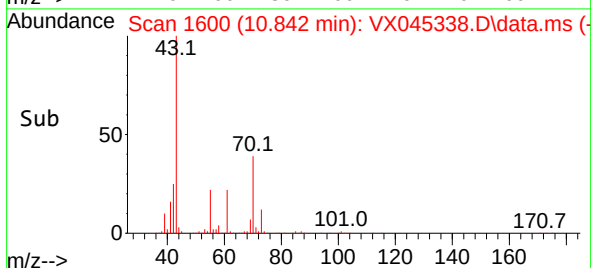
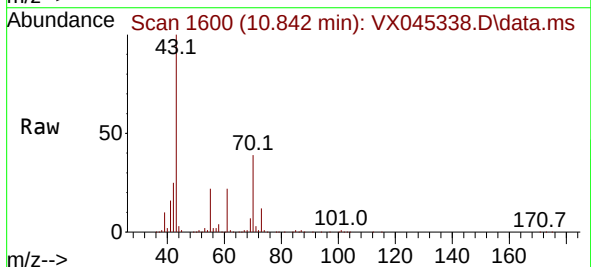
Manual Integrations
APPROVED

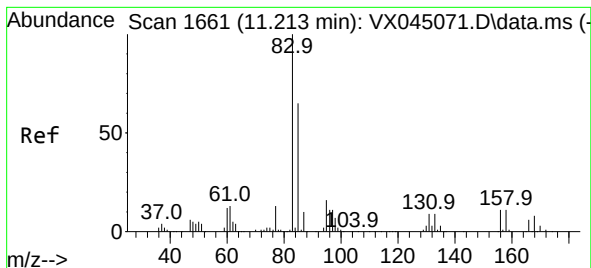
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#74
N-ethyl acetate
Concen: 59.082 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Tgt Ion: 43 Resp: 124071
Ion Ratio Lower Upper
43 100
70 39.1 31.8 47.6
55 23.3 18.3 27.5
61 22.0 18.3 27.5





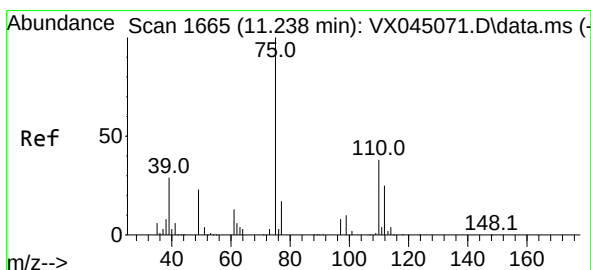
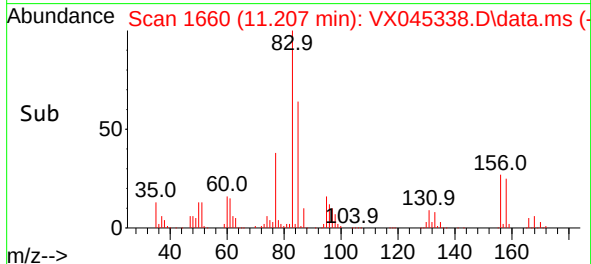
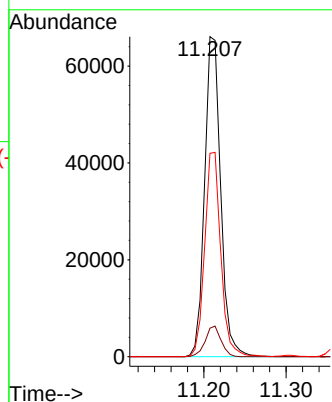
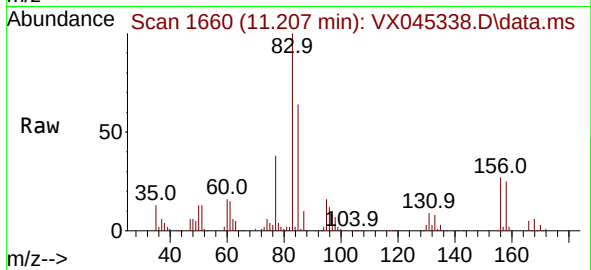
#75
1,1,2,2-Tetrachloroethane
Concen: 54.683 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 89804
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 63.9 31.7 95.1

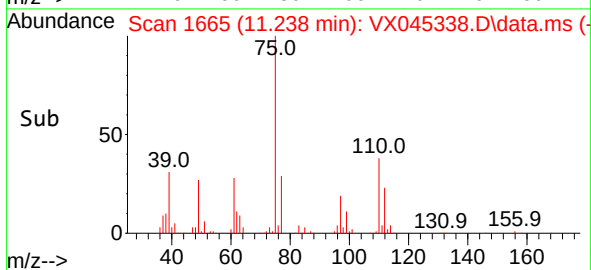
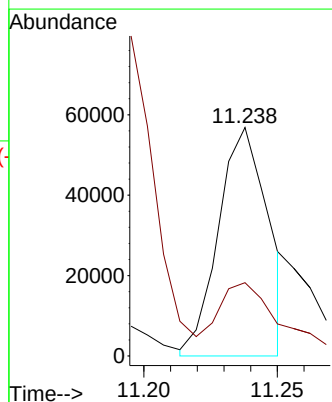
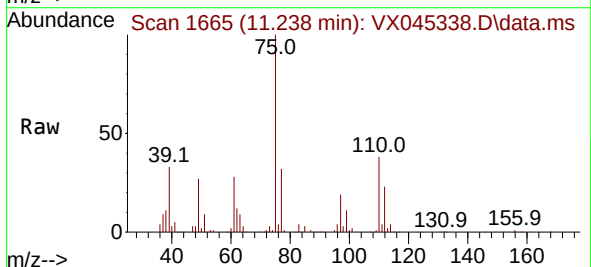
Manual Integrations
APPROVED

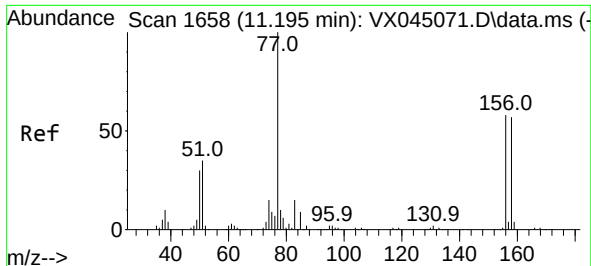
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#76
1,2,3-Trichloropropane
Concen: 55.214 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

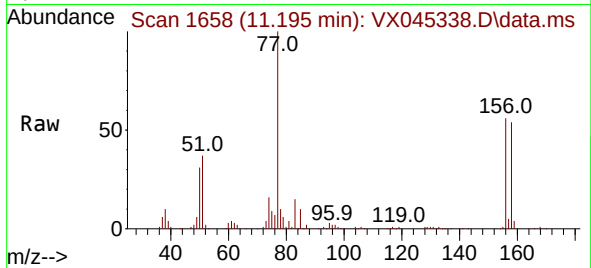
Tgt Ion: 75 Resp: 73684
Ion Ratio Lower Upper
75 100
77 40.5 20.7 62.1





#77
Bromobenzene
Concen: 55.031 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

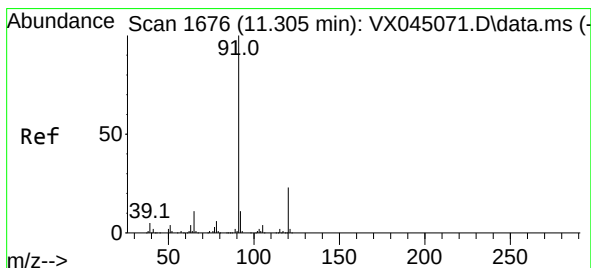
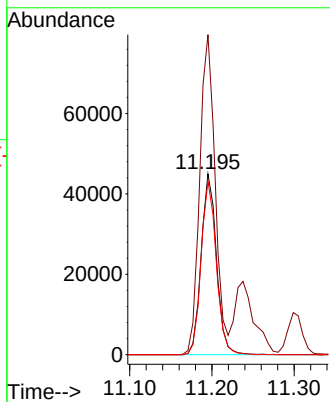
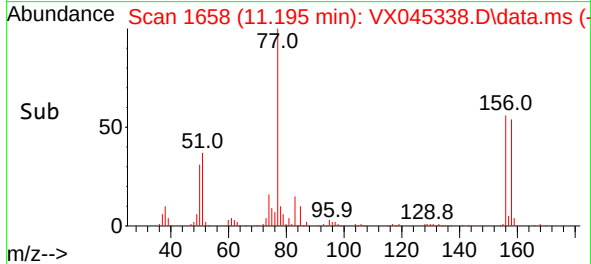
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



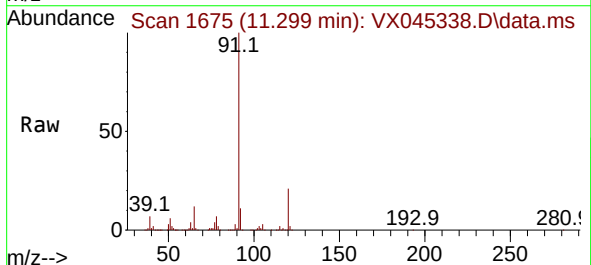
Tgt Ion:156 Resp: 58108
Ion Ratio Lower Upper
156 100
77 178.8 85.8 257.4
158 95.2 48.4 145.2

Manual Integrations
APPROVED

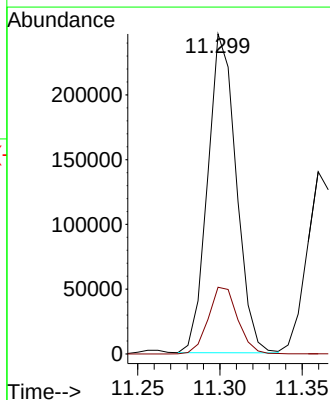
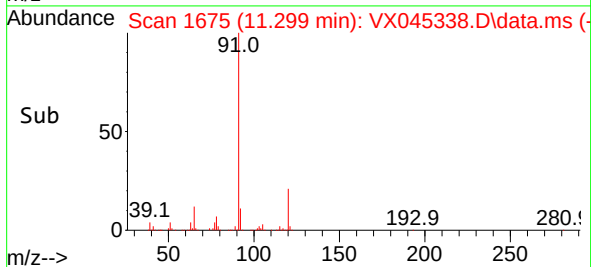
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

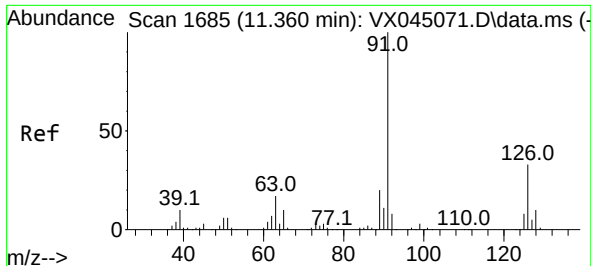


#78
n-propylbenzene
Concen: 58.944 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16



Tgt Ion: 91 Resp: 297988
Ion Ratio Lower Upper
91 100
120 21.6 11.2 33.6





#79

2-Chlorotoluene

Concen: 55.342 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 17818

Ion Ratio Lower Upper

91 100

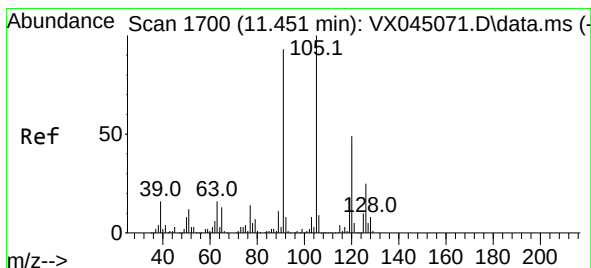
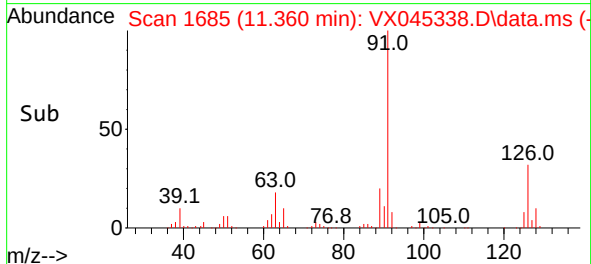
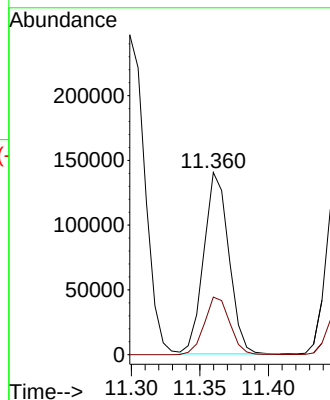
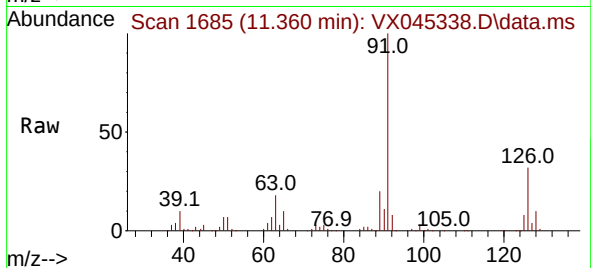
126 32.3 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#80

1,3,5-Trimethylbenzene

Concen: 58.095 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045338.D

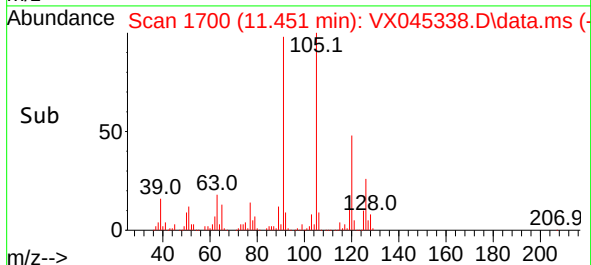
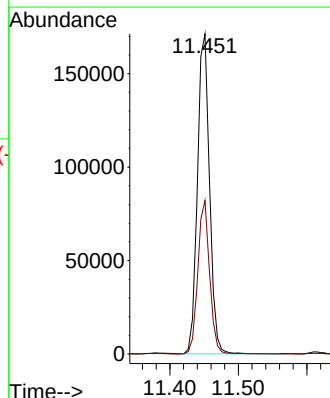
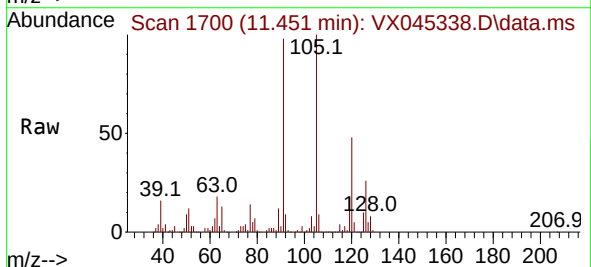
Acq: 18 Mar 2025 20:16

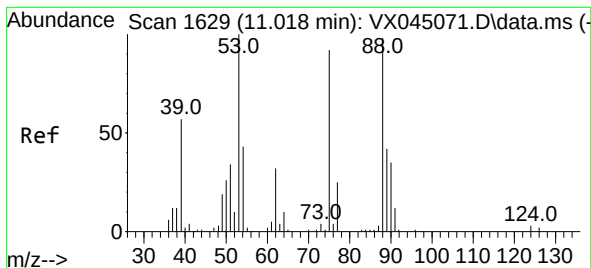
Tgt Ion:105 Resp: 210225

Ion Ratio Lower Upper

105 100

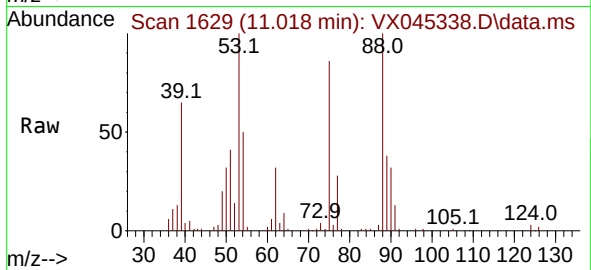
120 46.6 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.903 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

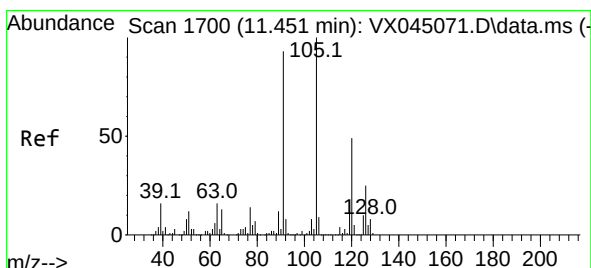
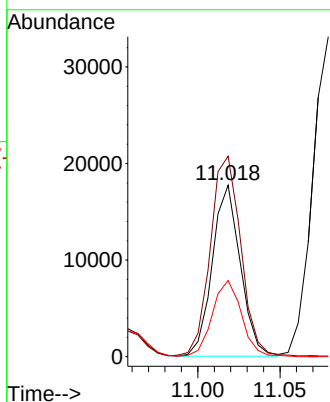
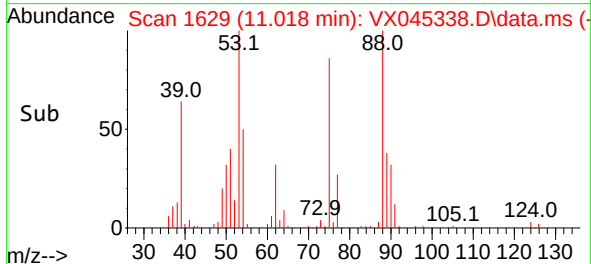
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 21020
Ion Ratio Lower Upper
75 100
53 128.7 88.5 132.7
89 46.5 36.2 54.4

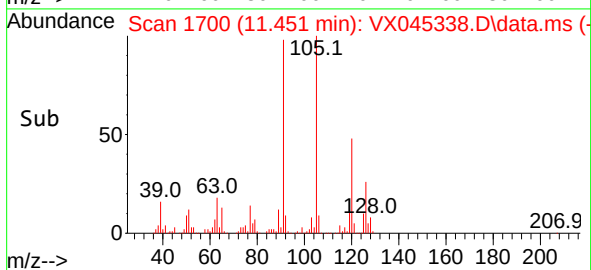
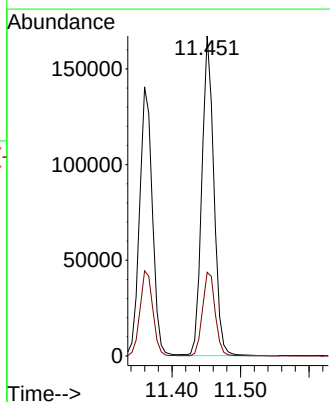
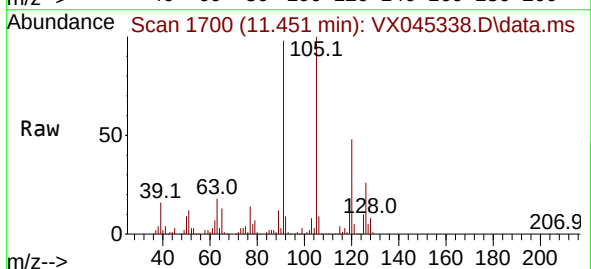
Manual Integrations
APPROVED

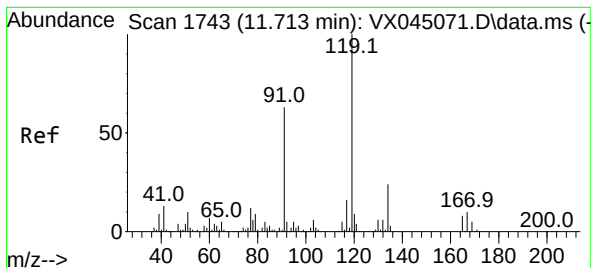
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#82
4-Chlorotoluene
Concen: 58.329 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

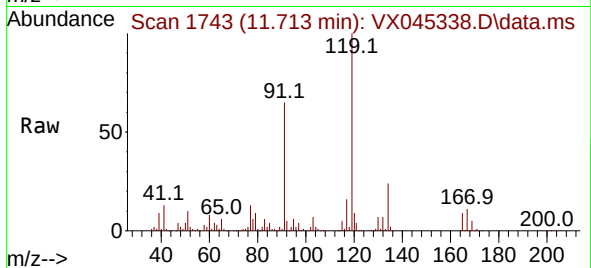
Tgt Ion: 91 Resp: 204674
Ion Ratio Lower Upper
91 100
126 27.7 14.1 42.4





#83
tert-Butylbenzene
Concen: 57.007 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

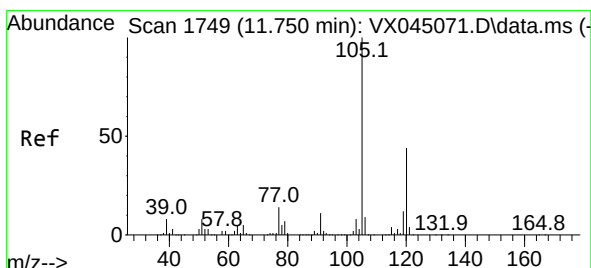
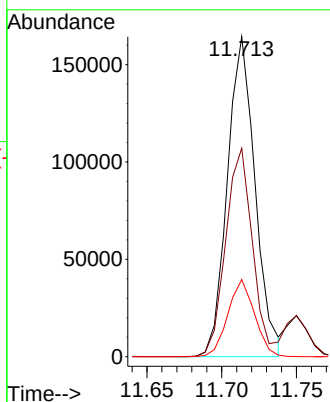
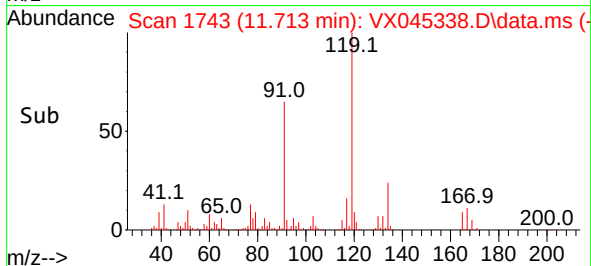
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



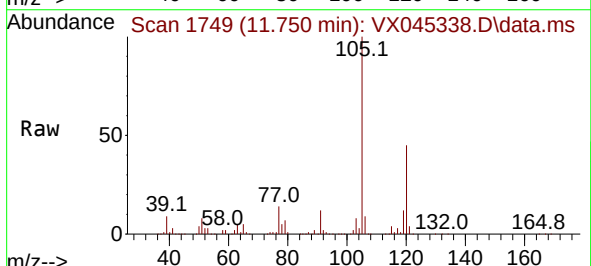
Tgt Ion:119 Resp: 21195
Ion Ratio Lower Upper
119 100
91 62.3 30.7 92.1
134 23.2 11.7 35.0

Manual Integrations
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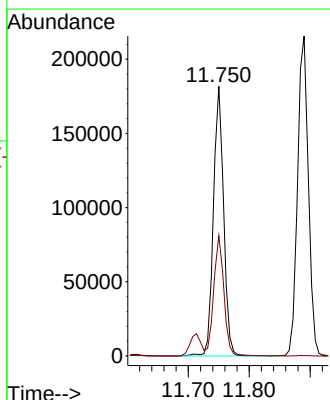
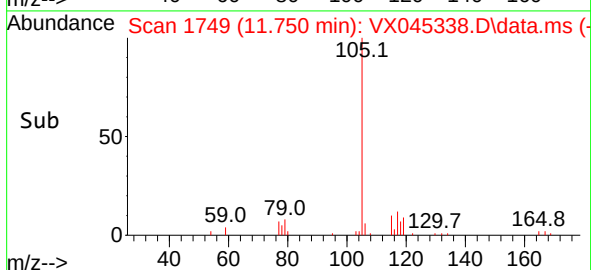
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

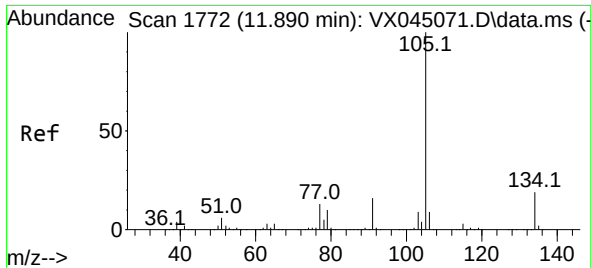


#84
1,2,4-Trimethylbenzene
Concen: 58.152 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16



Tgt Ion:105 Resp: 211733
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.1





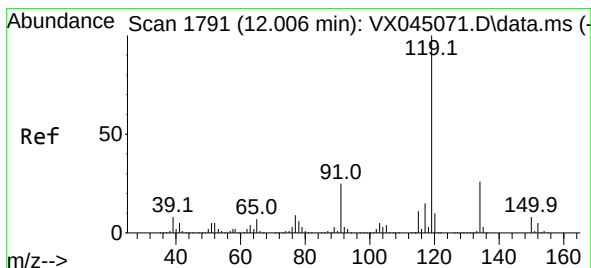
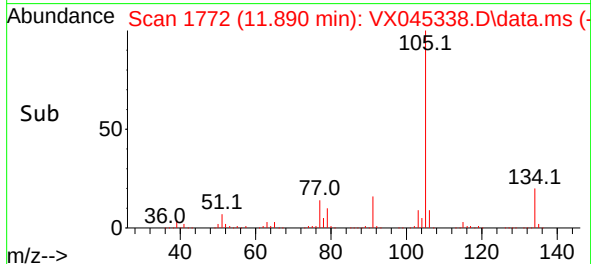
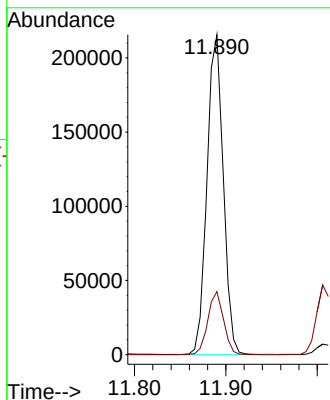
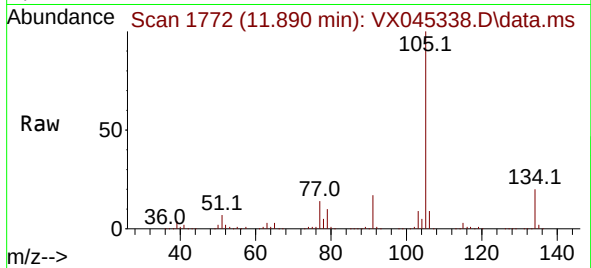
#85
 sec-Butylbenzene
 Concen: 59.861 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045338.D
 Acq: 18 Mar 2025 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 266604
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

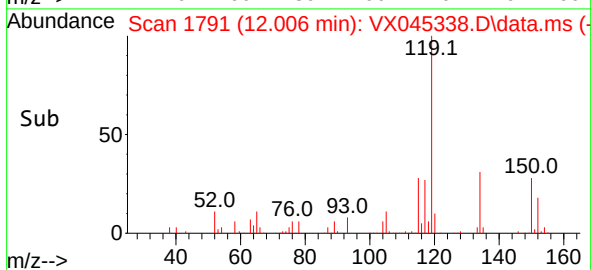
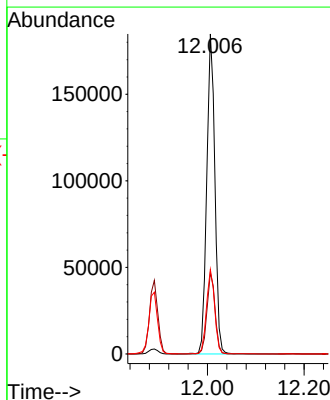
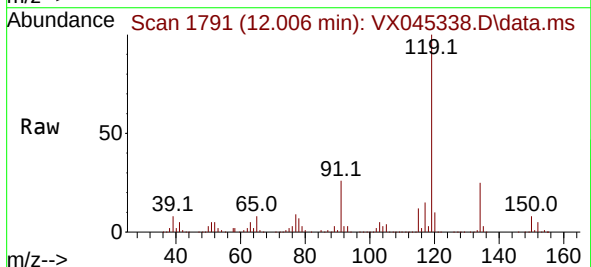
Manual Integrations
 APPROVED

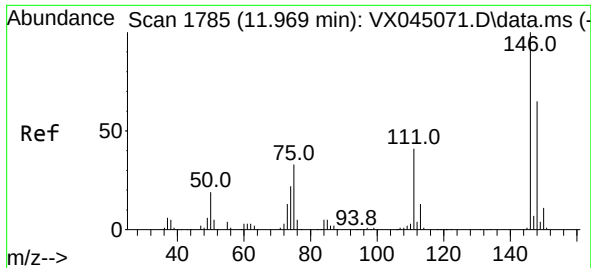
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#86
 p-Isopropyltoluene
 Concen: 60.215 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045338.D
 Acq: 18 Mar 2025 20:16

Tgt Ion:119 Resp: 216728
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.6
 91 26.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 56.221 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 10590

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.4

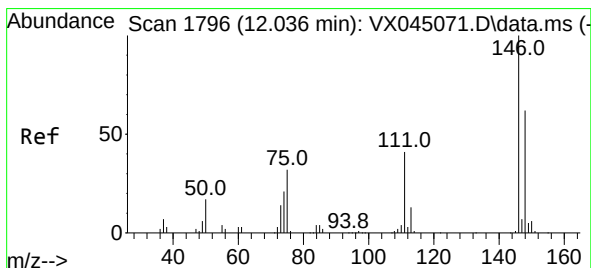
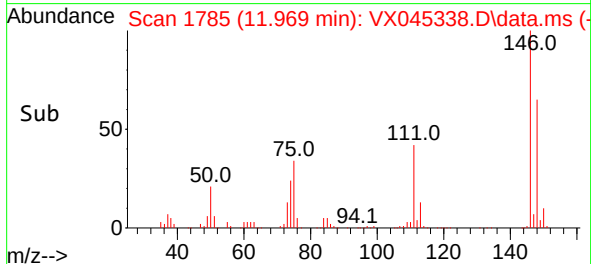
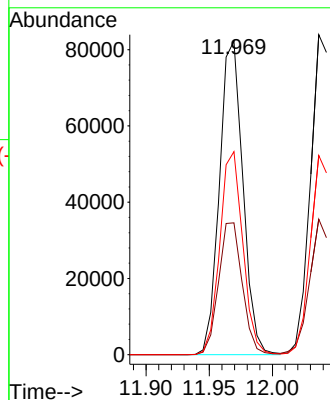
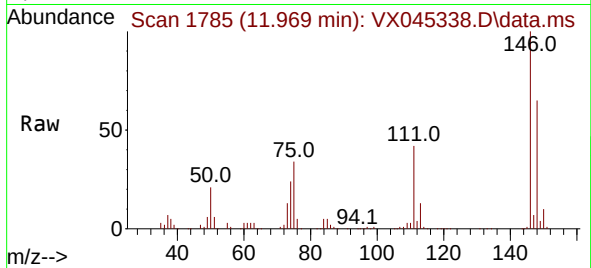
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#88

1,4-Dichlorobenzene

Concen: 55.548 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

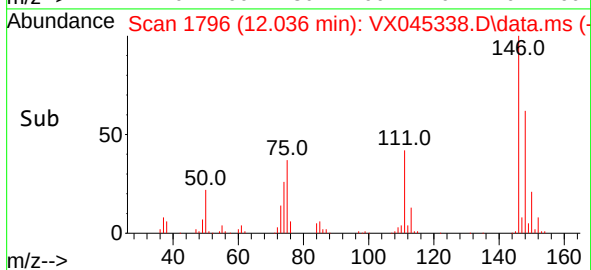
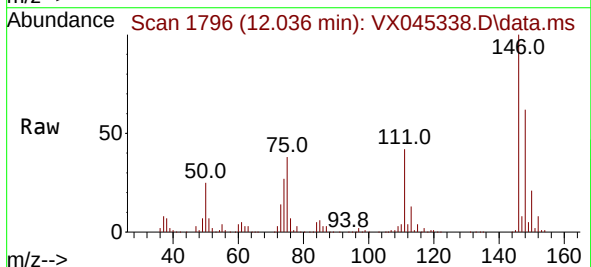
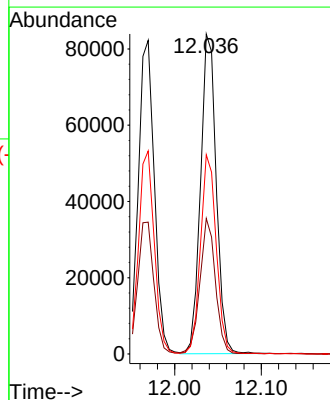
Tgt Ion:146 Resp: 105860

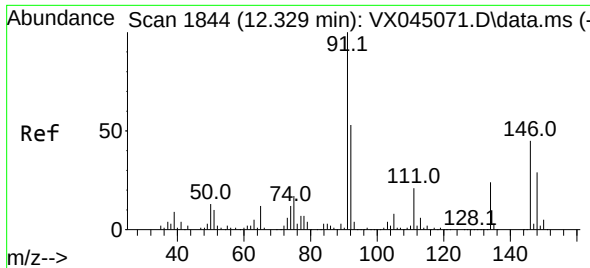
Ion Ratio Lower Upper

146 100

111 41.6 20.2 60.5

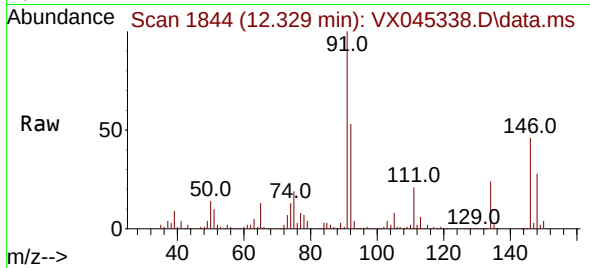
148 62.4 31.9 95.9





#89
n-Butylbenzene
Concen: 62.324 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

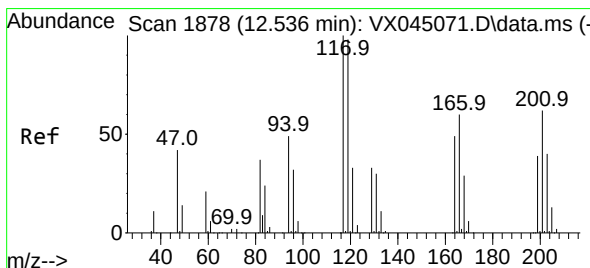
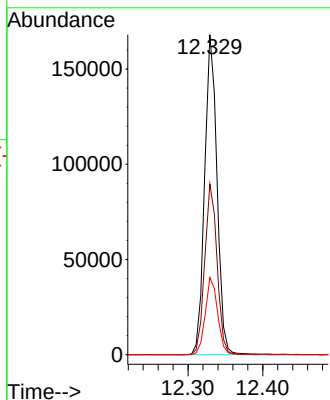
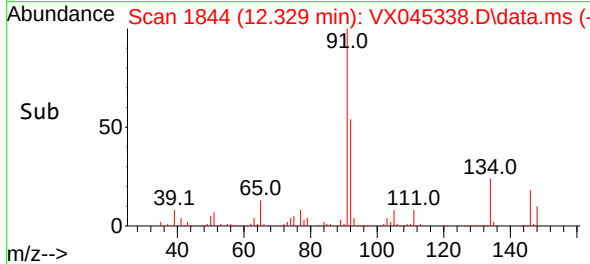
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 193200
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.0
134 24.1 12.2 36.6

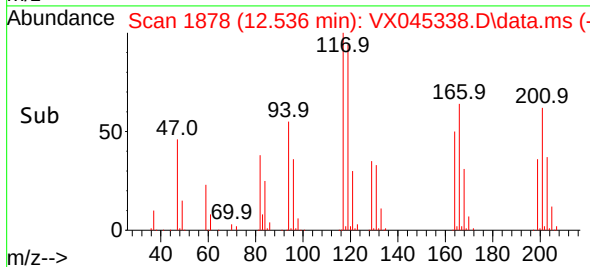
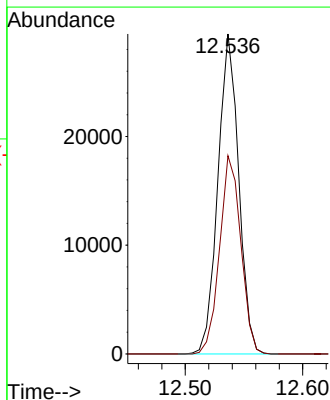
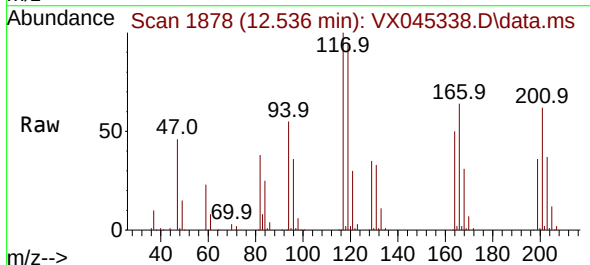
Manual Integrations
APPROVED

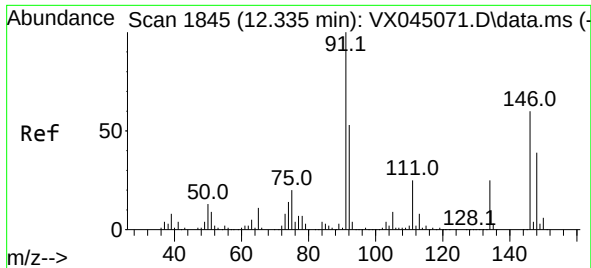
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#90
Hexachloroethane
Concen: 55.617 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

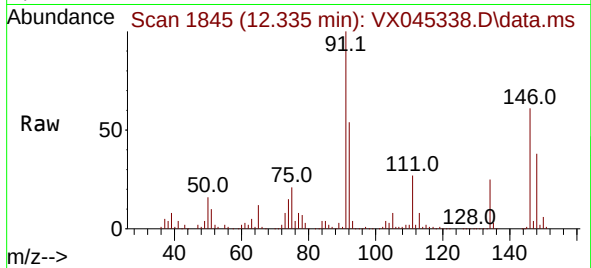
Tgt Ion:117 Resp: 36208
Ion Ratio Lower Upper
117 100
201 63.2 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 57.330 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

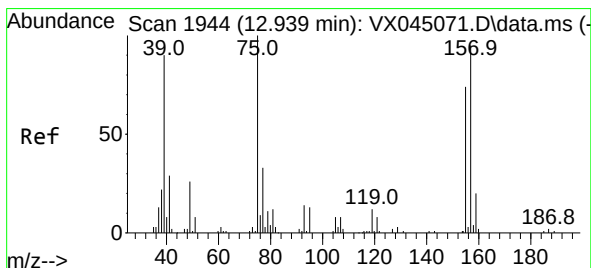
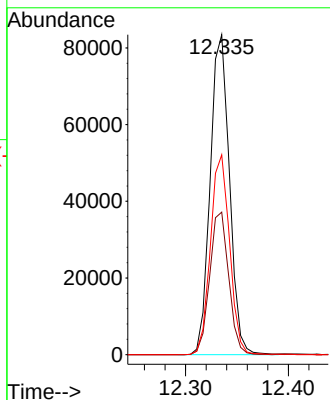
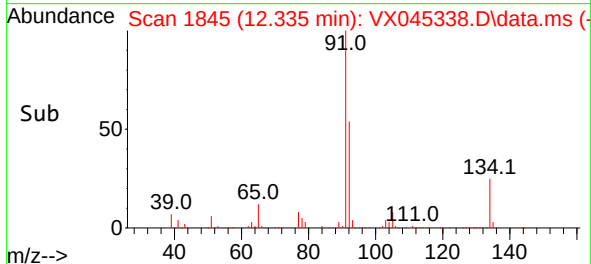
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



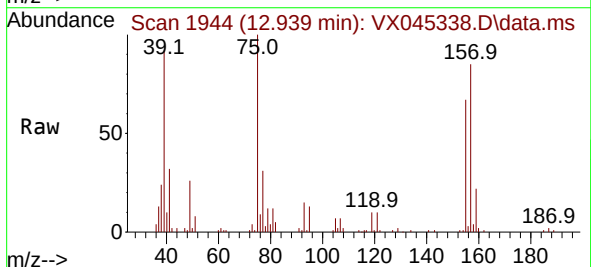
Tgt Ion:146 Resp: 10833
Ion Ratio Lower Upper
146 100
111 44.2 21.6 65.0
148 62.2 31.9 95.9

Manual Integrations
APPROVED

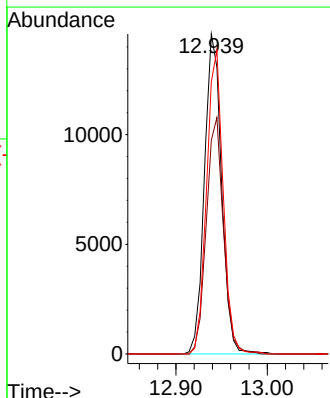
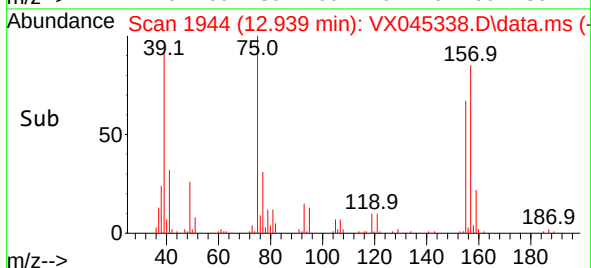
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

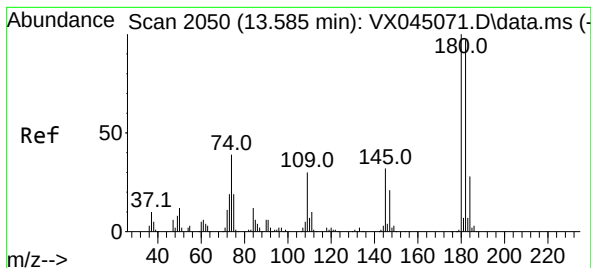


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.282 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16



Tgt Ion: 75 Resp: 18967
Ion Ratio Lower Upper
75 100
155 73.6 39.6 118.7
157 91.7 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 59.330 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

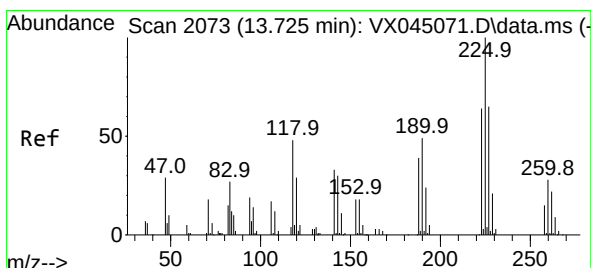
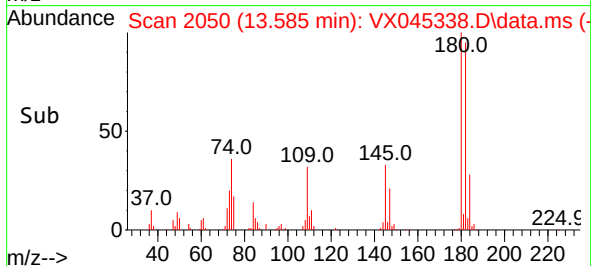
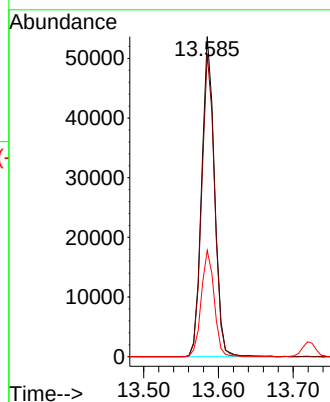
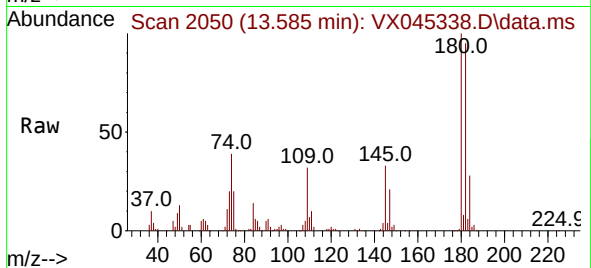
Tgt Ion:	180	Resp:	6383
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.3	141.9
145	33.3	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#94

Hexachlorobutadiene

Concen: 58.460 ug/l

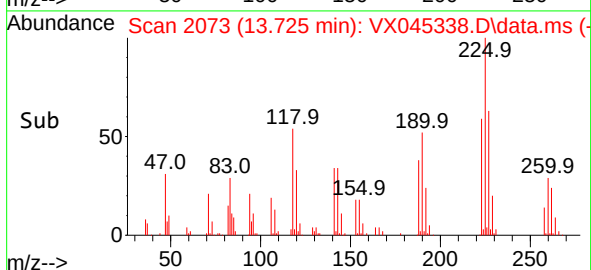
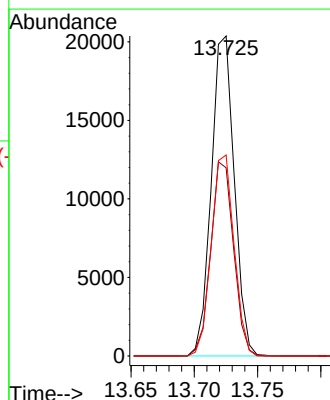
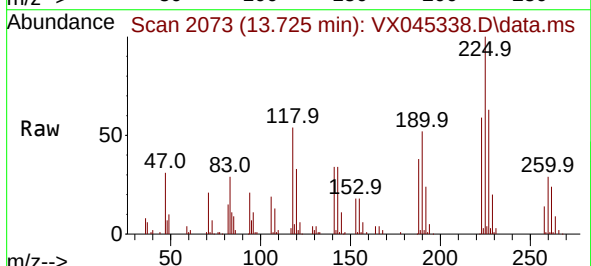
RT: 13.725 min Scan# 2073

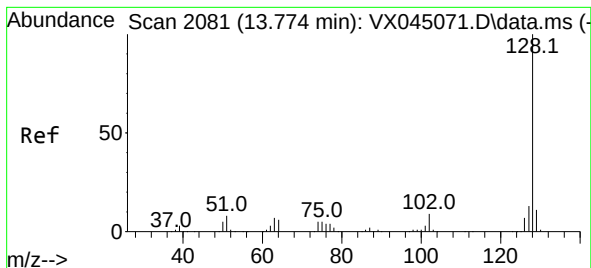
Delta R.T. 0.000 min

Lab File: VX045338.D

Acq: 18 Mar 2025 20:16

Tgt Ion:	225	Resp:	25788
Ion Ratio	Lower	Upper	
225	100		
223	60.2	31.9	95.7
227	62.1	31.4	94.0





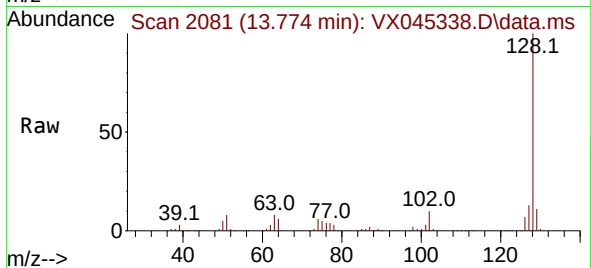
#95
Naphthalene
Concen: 58.751 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



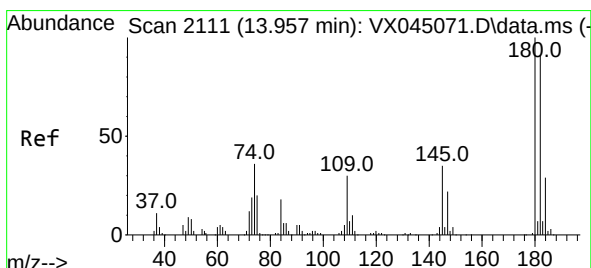
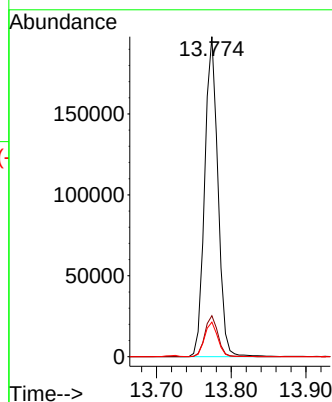
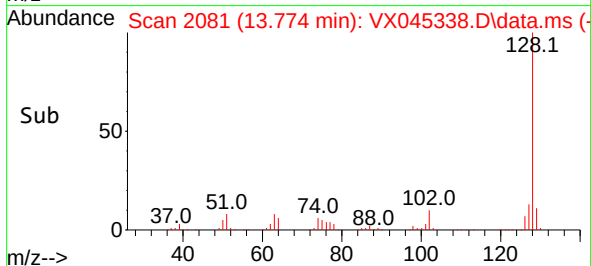
Tgt Ion:128 Resp: 24287
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations

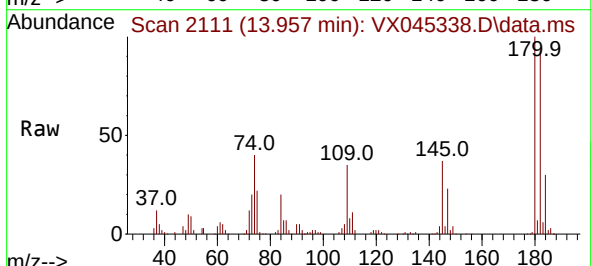
APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 59.320 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045338.D
Acq: 18 Mar 2025 20:16



Tgt Ion:180 Resp: 67333
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.6
145 35.1 17.0 50.9

