

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045431.D
 Acq On : 25 Mar 2025 11:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 01:33:34 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	83260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72923	55.062	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.120%			
35) Dibromofluoromethane	5.385	113	53282	54.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.940%			
50) Toluene-d8	8.647	98	182626	51.975	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.960%			
62) 4-Bromofluorobenzene	11.079	95	69681	59.846	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 119.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66436	63.390	ug/l	93
3) Chloromethane	1.307	50	66903	52.163	ug/l	95
4) Vinyl Chloride	1.374	62	59965	47.130	ug/l	96
5) Bromomethane	1.593	94	28781	57.542	ug/l	97
6) Chloroethane	1.666	64	32807	55.901	ug/l	95
7) Trichlorofluoromethane	1.874	101	91006	54.030	ug/l	97
8) Diethyl Ether	2.130	74	29617	44.955	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	58221	60.165	ug/l	98
10) Methyl Iodide	2.441	142	68492	56.637	ug/l	94
11) Tert butyl alcohol	2.977	59	55509	221.277	ug/l	96
12) 1,1-Dichloroethene	2.306	96	54221	52.997	ug/l	96
13) Acrolein	2.233	56	77829	268.391	ug/l	98
14) Allyl chloride	2.654	41	101764	55.879	ug/l	92
15) Acrylonitrile	3.062	53	168372	250.432	ug/l	99
16) Acetone	2.386	43	164112	267.080	ug/l	97
17) Carbon Disulfide	2.502	76	136796	50.201	ug/l	98
18) Methyl Acetate	2.703	43	71289	48.227	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	181535	52.888	ug/l	97
20) Methylene Chloride	2.782	84	60694	49.864	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	53348	52.781	ug/l	97
22) Diisopropyl ether	3.757	45	192840	52.066	ug/l #	86
23) Vinyl Acetate	3.715	43	885598	286.525	ug/l	98
24) 1,1-Dichloroethane	3.605	63	109159	52.589	ug/l	100
25) 2-Butanone	4.556	43	248088	268.225	ug/l	96
26) 2,2-Dichloropropane	4.471	77	80649	82.834	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	64325	51.554	ug/l	92
28) Bromochloromethane	4.891	49	48619	49.141	ug/l	98
29) Tetrahydrofuran	5.001	42	155653	250.594	ug/l	99
30) Chloroform	5.086	83	109652	53.166	ug/l	99
31) Cyclohexane	5.458	56	98942	54.912	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	94214	56.559	ug/l	98
36) 1,1-Dichloropropene	5.684	75	74619	56.139	ug/l	100
37) Ethyl Acetate	4.708	43	92765	54.162	ug/l	98
38) Carbon Tetrachloride	5.666	117	80811	59.885	ug/l	97
39) Methylcyclohexane	7.373	83	97660	61.319	ug/l	96
40) Benzene	6.031	78	224248	53.428	ug/l	97

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Quant Time: Mar 26 01:33:34 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51574	55.689	ug/l	98
42) 1,2-Dichloroethane	6.080	62	90507	59.882	ug/l	96
43) Isopropyl Acetate	6.336	43	146064	57.673	ug/l	98
44) Trichloroethene	7.117	130	52842	53.617	ug/l	100
45) 1,2-Dichloropropane	7.428	63	56590	52.440	ug/l	98
46) Dibromomethane	7.574	93	43826	57.458	ug/l	96
47) Bromodichloromethane	7.818	83	85701	57.282	ug/l	99
48) Methyl methacrylate	7.690	41	75819	59.672	ug/l	93
49) 1,4-Dioxane	7.653	88	28313	1056.380	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	493305	290.090	ug/l	99
52) Toluene	8.714	92	136895	55.590	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	79234	63.348	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	88476	60.662	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	53576	52.847	ug/l	99
56) Ethyl methacrylate	9.116	69	90431	58.682	ug/l	92
57) 1,3-Dichloropropane	9.305	76	94299	53.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	224245	298.307	ug/l	100
59) 2-Hexanone	9.427	43	376299	305.413	ug/l	98
60) Dibromochloromethane	9.519	129	61649	58.159	ug/l	100
61) 1,2-Dibromoethane	9.604	107	56497	55.824	ug/l	99
64) Tetrachloroethene	9.269	164	45803	55.192	ug/l	96
65) Chlorobenzene	10.079	112	146378	53.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50276	55.062	ug/l	97
67) Ethyl Benzene	10.189	91	267992	56.096	ug/l	98
68) m/p-Xylenes	10.299	106	196944	112.611	ug/l	95
69) o-Xylene	10.640	106	97592	55.328	ug/l	98
70) Styrene	10.653	104	164378	57.595	ug/l	97
71) Bromoform	10.799	173	39593	57.503	ug/l #	99
73) Isopropylbenzene	10.957	105	256869	52.224	ug/l	99
74) N-amyl acetate	10.842	43	132920	57.592	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	89603	49.643	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75851m	51.715	ug/l	
77) Bromobenzene	11.195	156	57616	49.647	ug/l	93
78) n-propylbenzene	11.299	91	307324	55.312	ug/l	98
79) 2-Chlorotoluene	11.360	91	186258	52.637	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	213188	53.605	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24577	57.344	ug/l	90
82) 4-Chlorotoluene	11.451	91	213457	55.350	ug/l	98
83) tert-Butylbenzene	11.713	119	216792	53.053	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	220378	55.071	ug/l	98
85) sec-Butylbenzene	11.890	105	272850	55.742	ug/l	99
86) p-Isopropyltoluene	12.006	119	228640	57.799	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	110607	53.426	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	109112	52.095	ug/l	98
89) n-Butylbenzene	12.329	91	210489	61.782	ug/l	98
90) Hexachloroethane	12.536	117	39347	54.992	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	109233	52.598	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20341	57.847	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	65965	55.783	ug/l	99
94) Hexachlorobutadiene	13.725	225	27052	55.799	ug/l	97
95) Naphthalene	13.774	128	244271	53.764	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66037	52.935	ug/l	98

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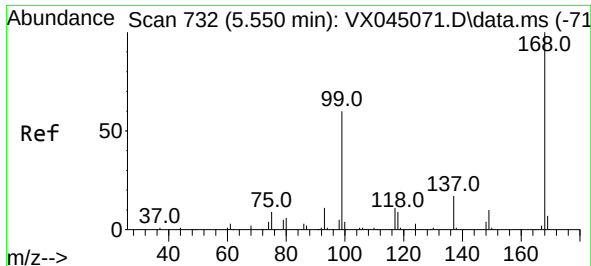
Manual Integrations
APPROVED

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Quant Time: Mar 26 01:33:34 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

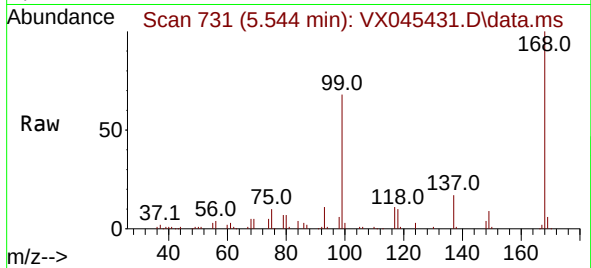
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045431.D
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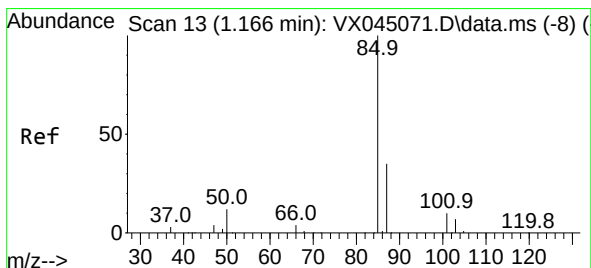
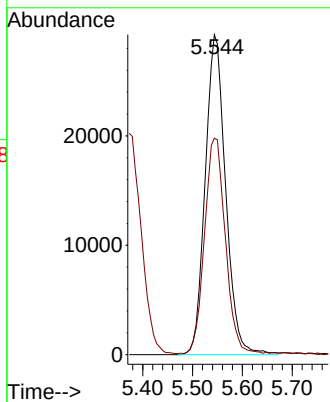
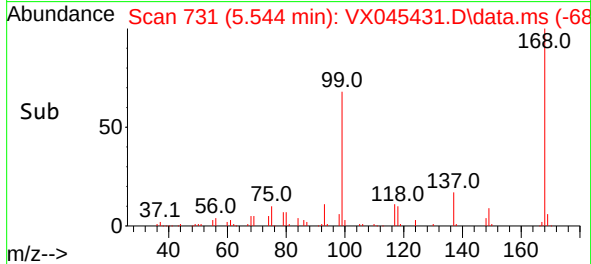
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 83260
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4

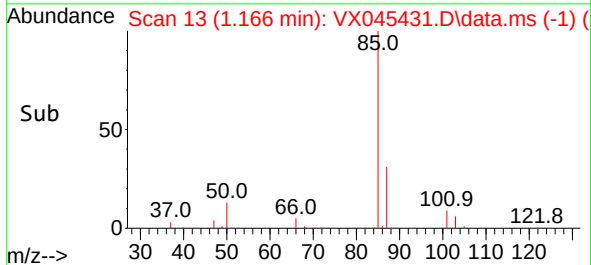
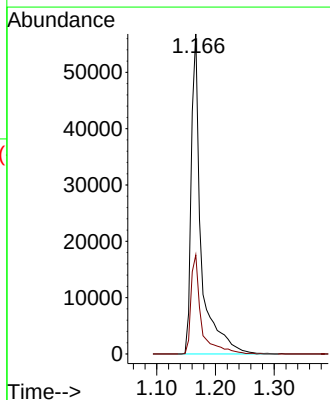
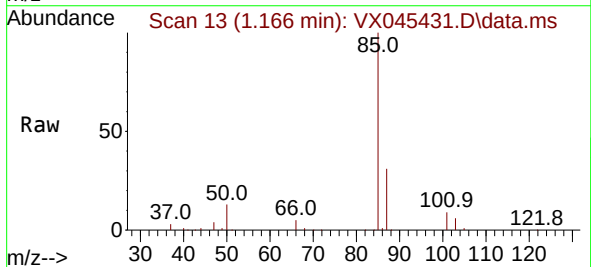
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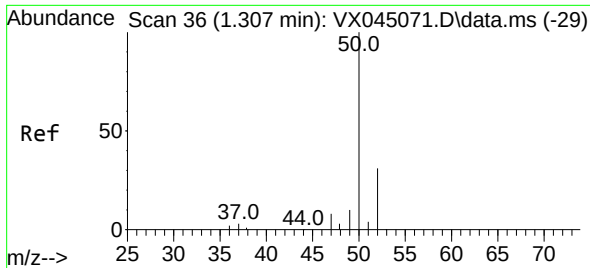
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#2
Dichlorodifluoromethane
Concen: 63.390 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 85 Resp: 66436
Ion Ratio Lower Upper
85 100
87 30.9 17.4 52.3





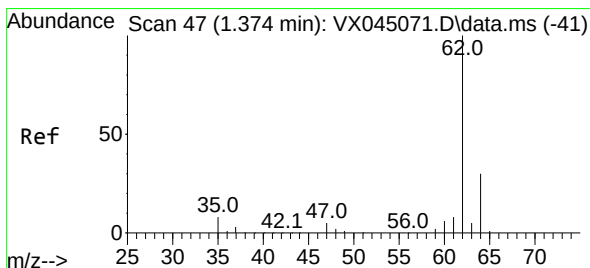
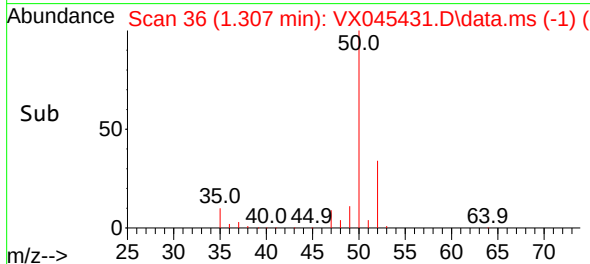
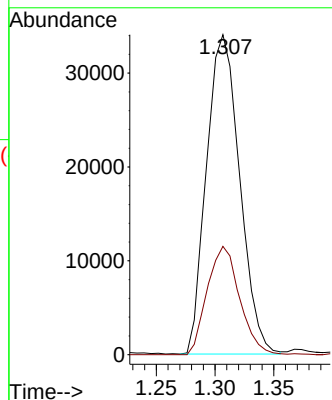
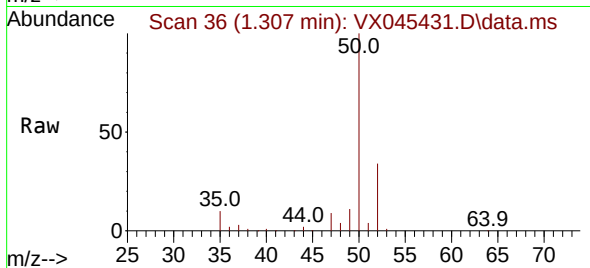
#3
Chloromethane
Concen: 52.163 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_X
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VSTDCCC050

Tgt Ion: 50 Resp: 6690
Ion Ratio Lower Upper
50 100
52 33.9 25.0 37.4

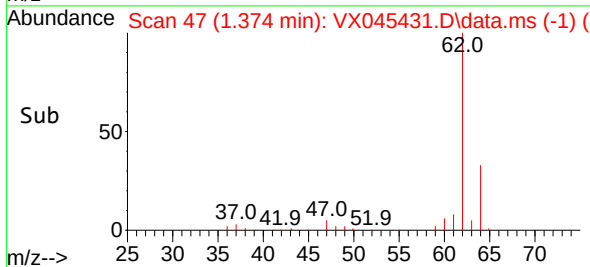
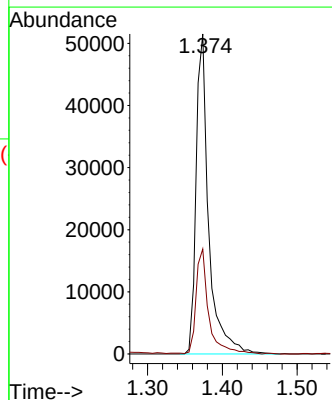
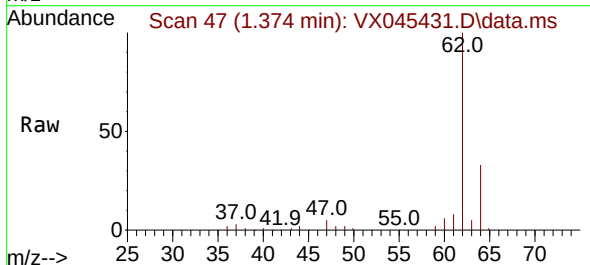
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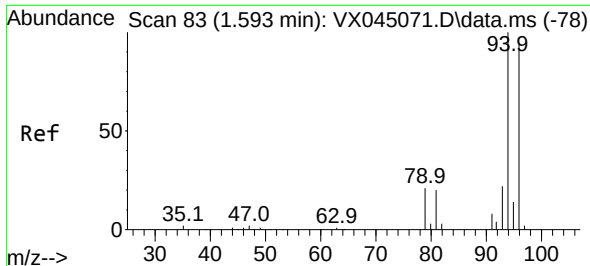
Reviewed By :John Carlone 03/26/2025
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#4
Vinyl Chloride
Concen: 47.130 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

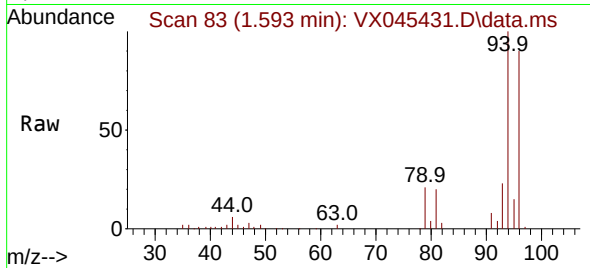
Tgt Ion: 62 Resp: 59965
Ion Ratio Lower Upper
62 100
64 32.8 24.3 36.5





#5
Bromomethane
Concen: 57.542 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

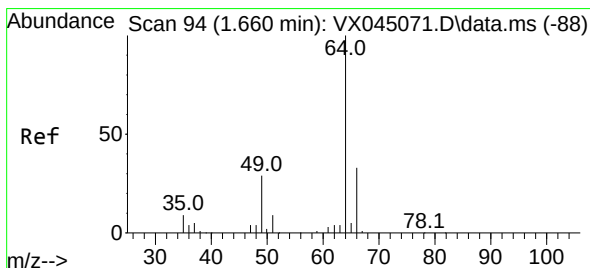
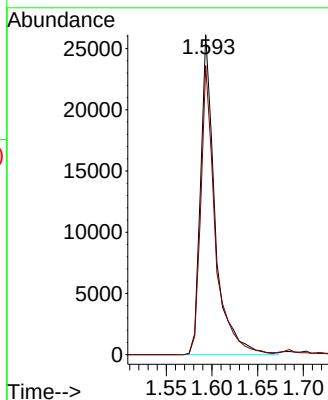
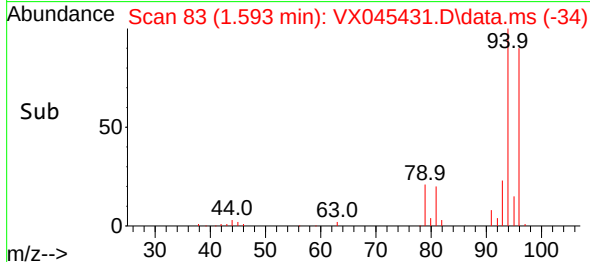
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 2878
Ion Ratio Lower Upper
94 100
96 90.3 75.0 112.4

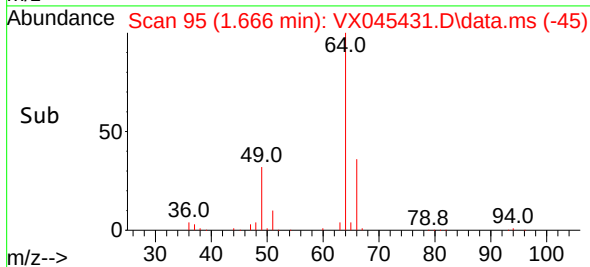
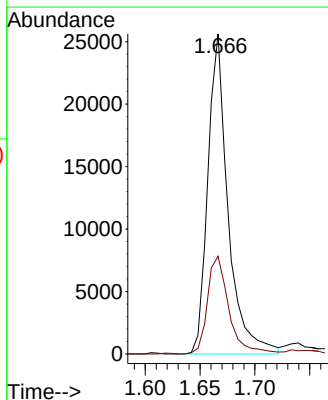
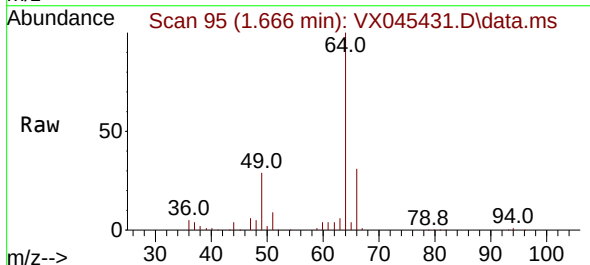
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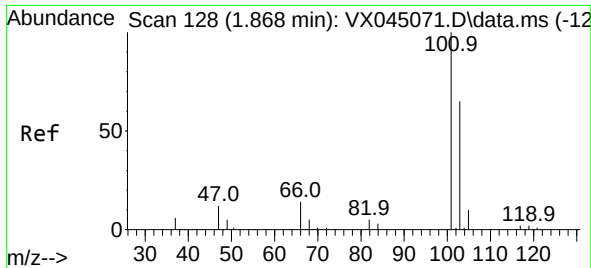
Reviewed By :John Carlone 03/26/2025
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#6
Chloroethane
Concen: 55.901 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 64 Resp: 32807
Ion Ratio Lower Upper
64 100
66 30.6 26.7 40.1





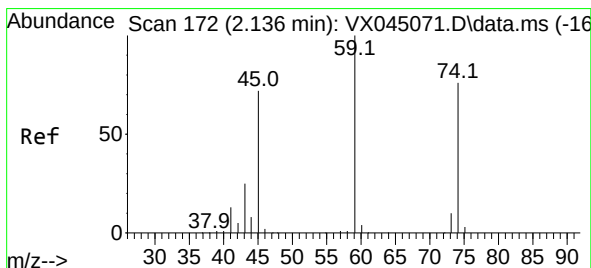
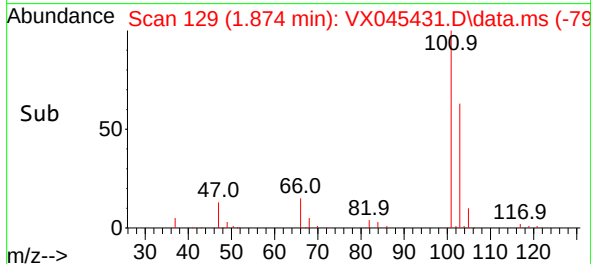
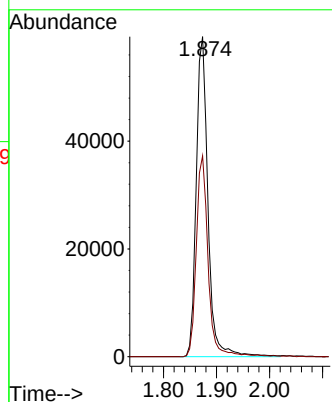
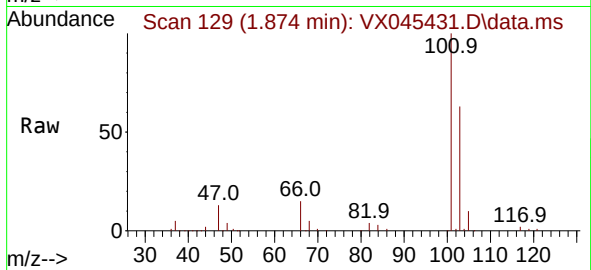
#7
Trichlorofluoromethane
Concen: 54.030 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 91000
Ion Ratio Lower Upper
101 100
103 62.7 52.1 78.1

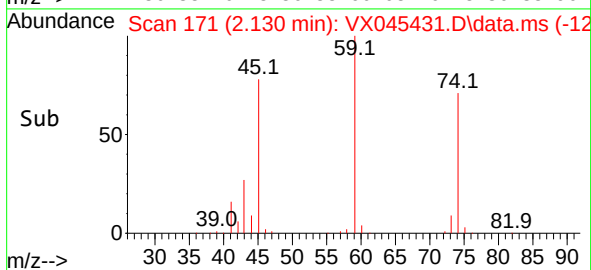
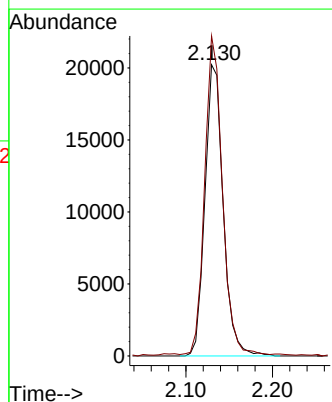
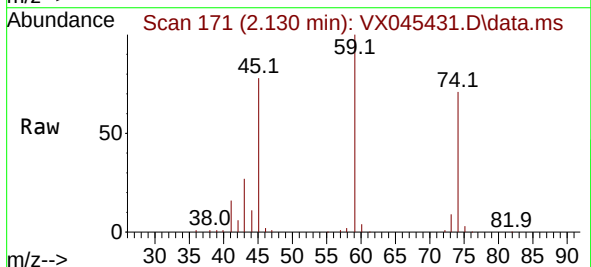
Manual Integrations
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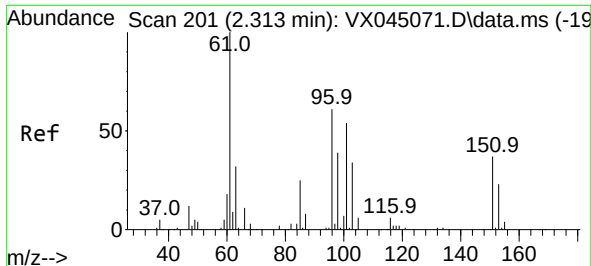
Reviewed By :John Carlone 03/26/2025
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#8
Diethyl Ether
Concen: 44.955 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 74 Resp: 29617
Ion Ratio Lower Upper
74 100
45 105.3 51.5 154.5





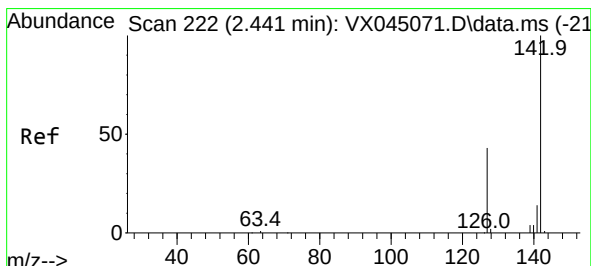
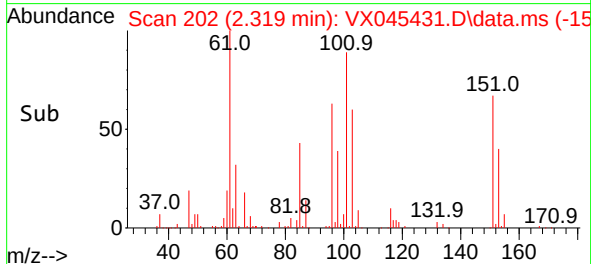
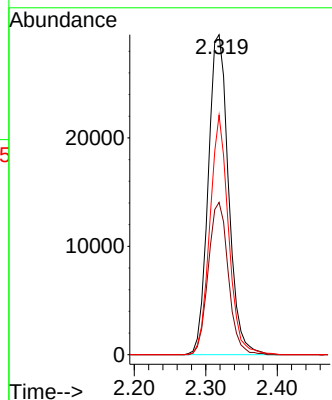
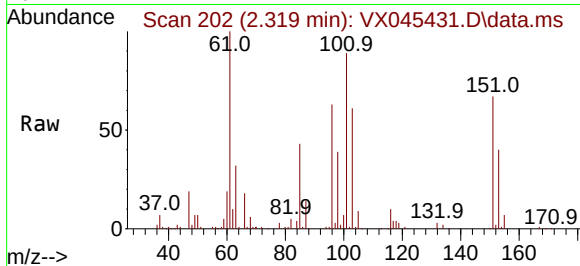
#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.165 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045431.D
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VSTDCCC050

Tgt Ion:101 Resp: 5822
Ion Ratio Lower Upper
101 100
85 47.0 36.2 54.4
151 68.9 56.4 84.6

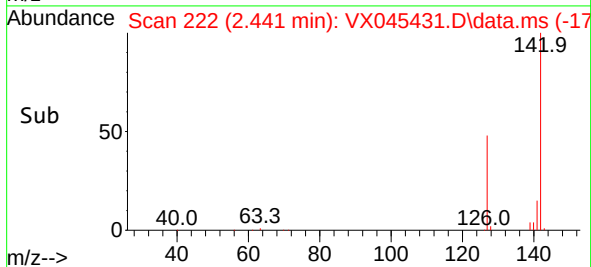
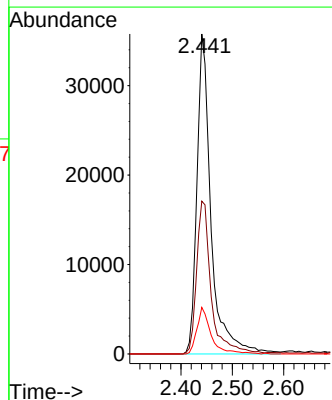
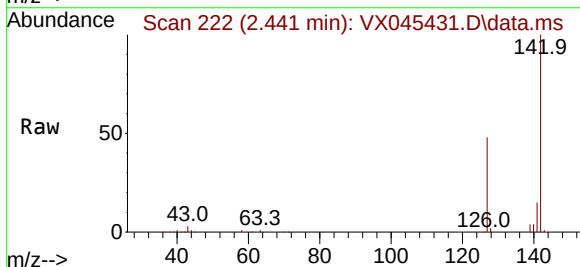
Manual Integrations
APPROVED

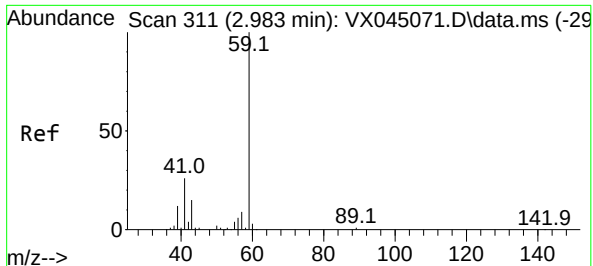
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#10
Methyl Iodide
Concen: 56.637 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Tgt Ion:142 Resp: 68492
Ion Ratio Lower Upper
142 100
127 49.3 35.4 53.2
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 221.277 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 55509

Ion Ratio Lower Upper

59 100

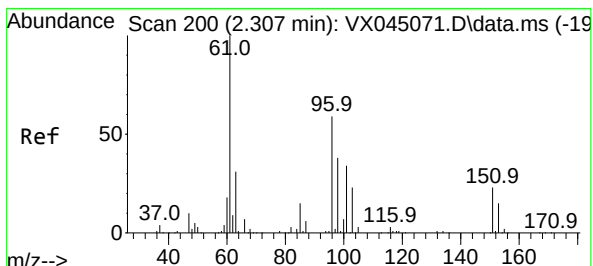
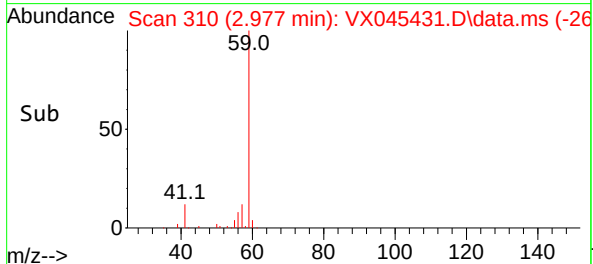
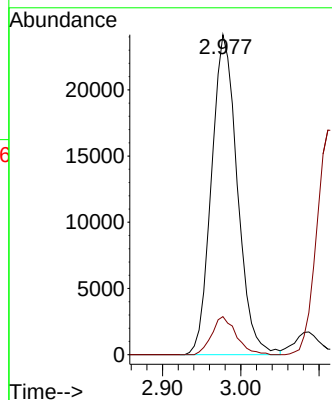
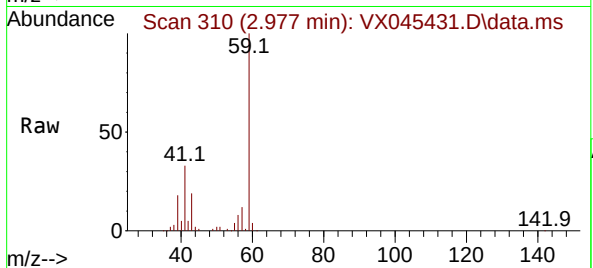
57 11.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#12

1,1-Dichloroethene

Concen: 52.997 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

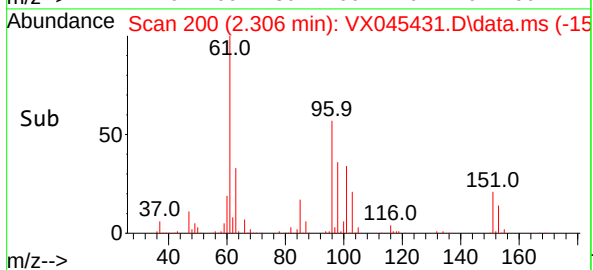
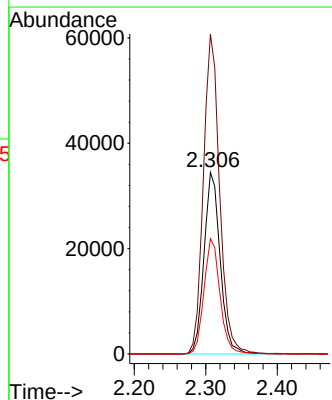
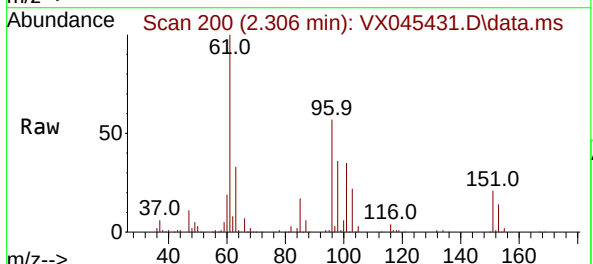
Tgt Ion: 96 Resp: 54221

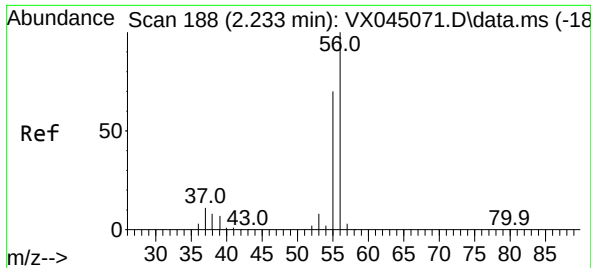
Ion Ratio Lower Upper

96 100

61 176.2 134.6 202.0

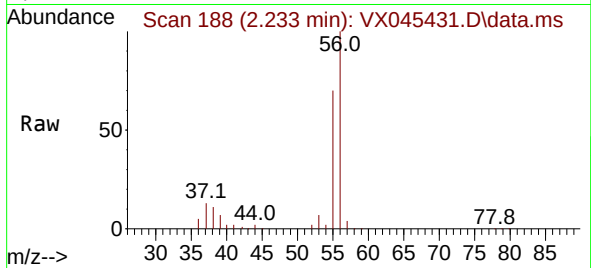
98 63.6 51.0 76.6





#13
Acrolein
Concen: 268.391 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

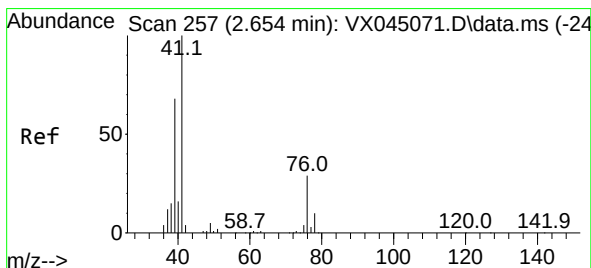
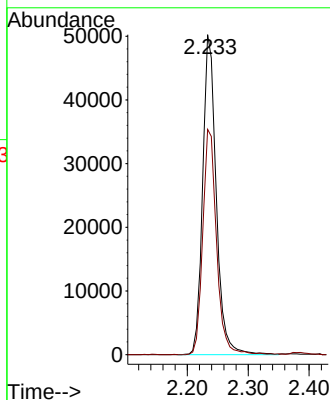
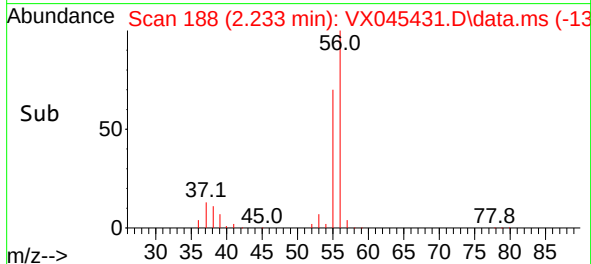
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 56 Resp: 77829
Ion Ratio Lower Upper
56 100
55 71.6 56.2 84.4

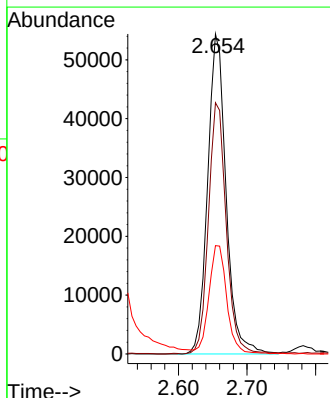
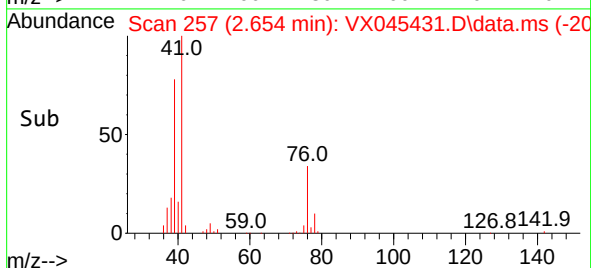
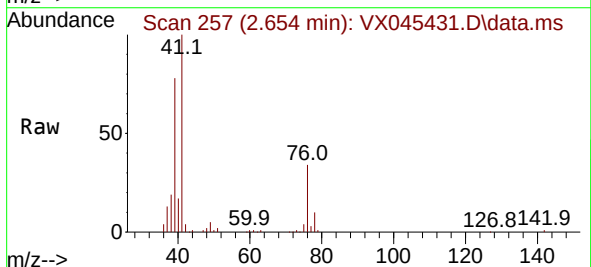
Manual Integrations
APPROVED

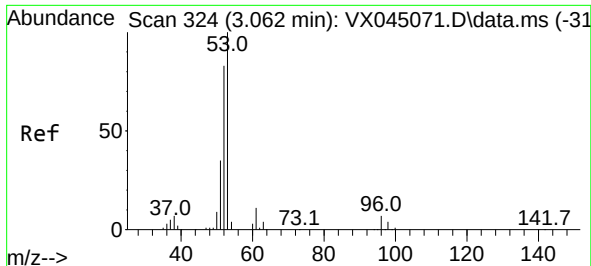
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#14
Allyl chloride
Concen: 55.879 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

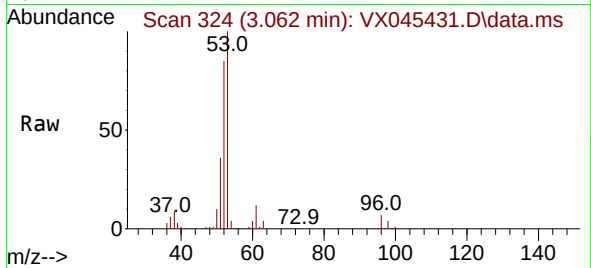
Tgt Ion: 41 Resp: 101764
Ion Ratio Lower Upper
41 100
39 76.0 53.8 80.8
76 32.7 25.2 37.8





#15
Acrylonitrile
Concen: 250.432 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

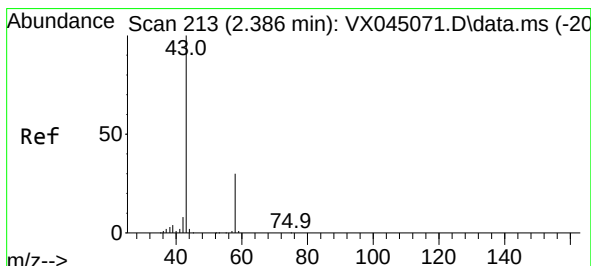
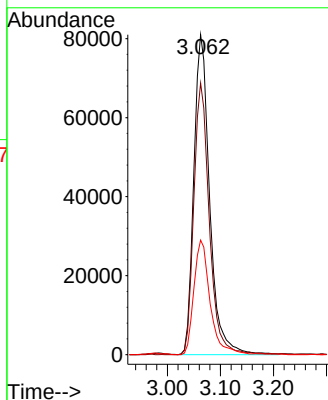
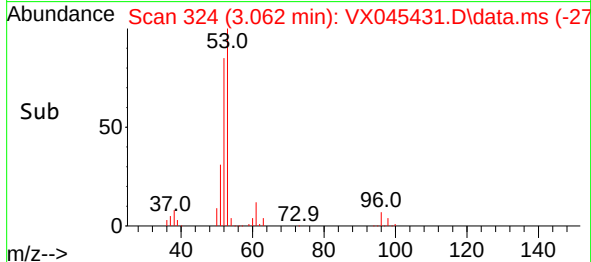
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



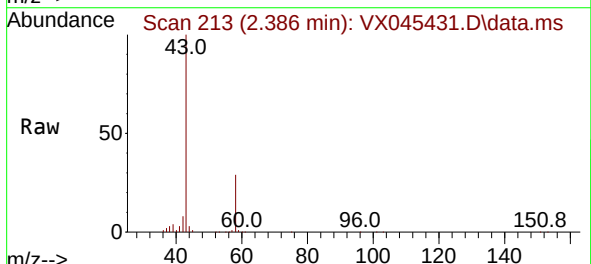
Tgt Ion: 53 Resp: 168372
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.6 29.0 43.4

Manual Integrations
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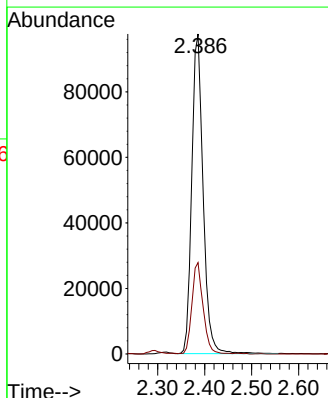
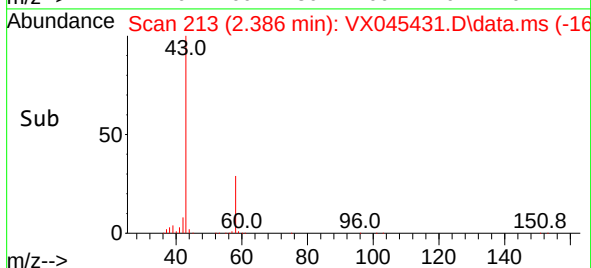
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

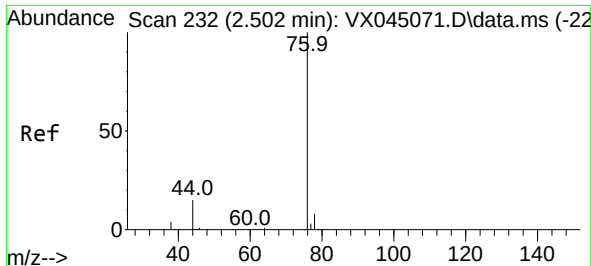


#16
Acetone
Concen: 267.080 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31



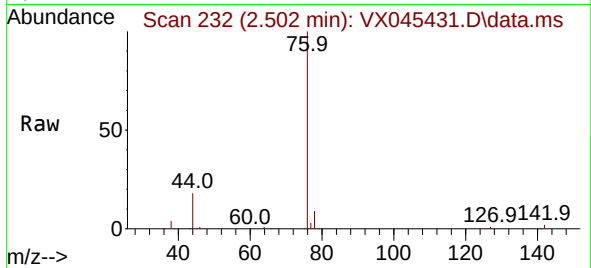
Tgt Ion: 43 Resp: 164112
Ion Ratio Lower Upper
43 100
58 28.6 24.2 36.4





#17
Carbon Disulfide
Concen: 50.201 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

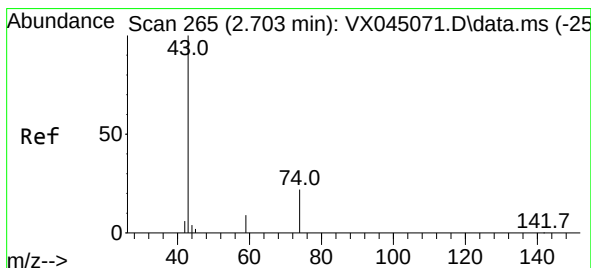
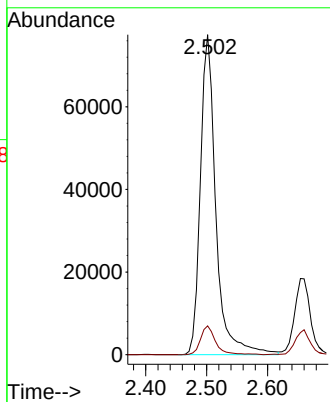
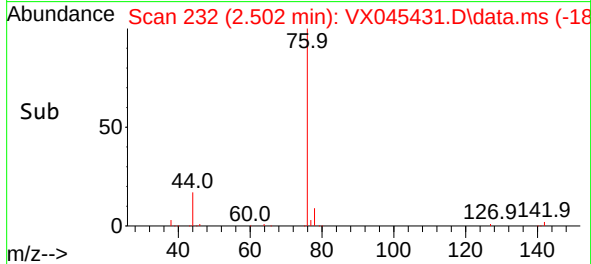
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 136790
Ion Ratio Lower Upper
76 100
78 9.0 6.6 9.8

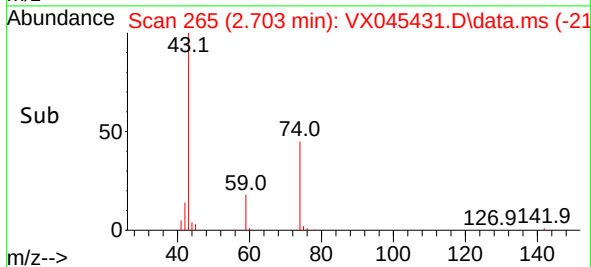
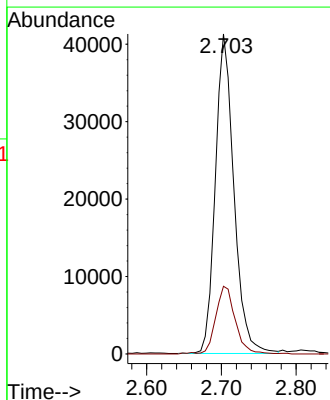
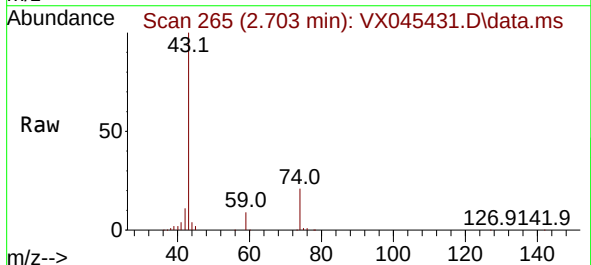
Manual Integrations
APPROVED

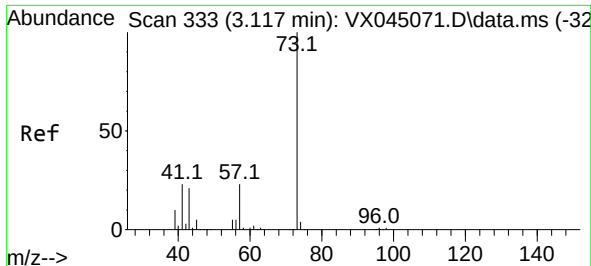
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#18
Methyl Acetate
Concen: 48.227 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

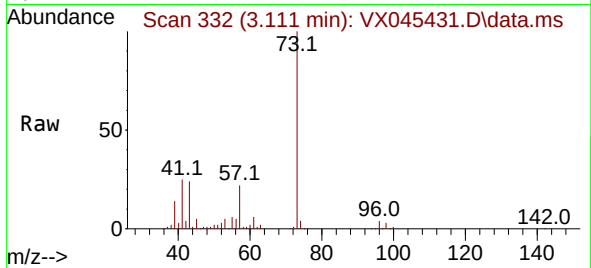
Tgt Ion: 43 Resp: 71289
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 52.888 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

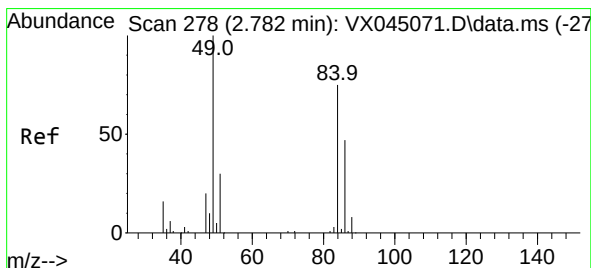
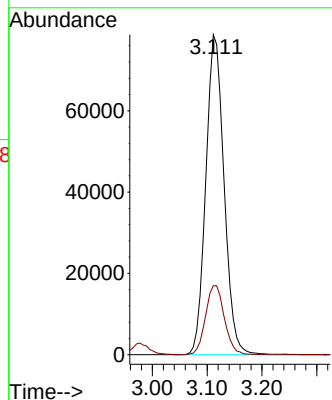
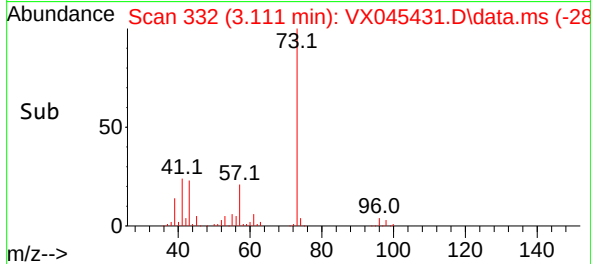
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 18153
Ion Ratio Lower Upper
73 100
57 21.6 18.5 27.7

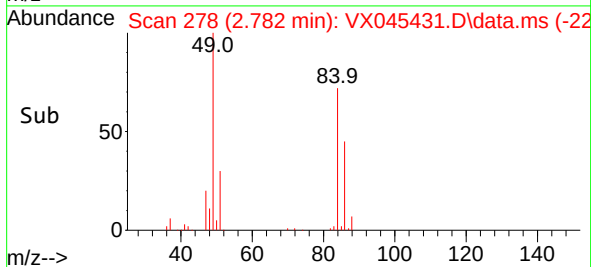
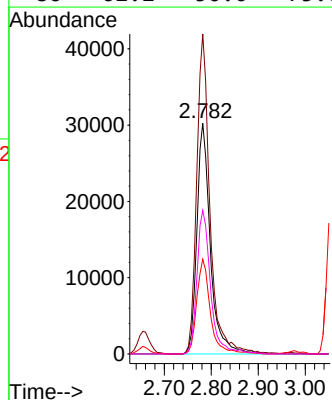
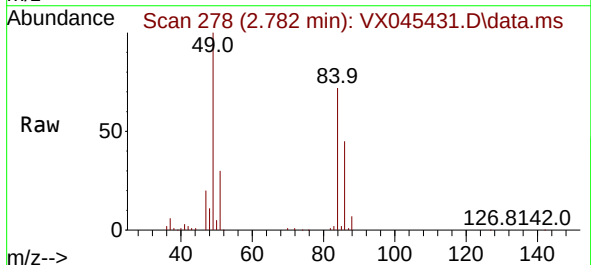
Manual Integrations
APPROVED

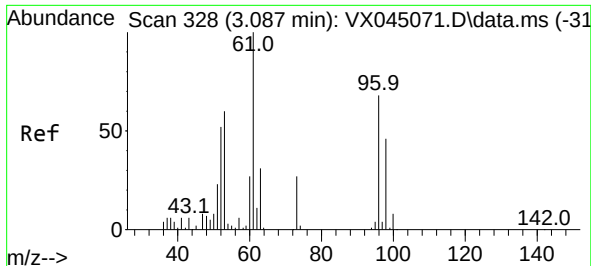
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#20
Methylene Chloride
Concen: 49.864 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

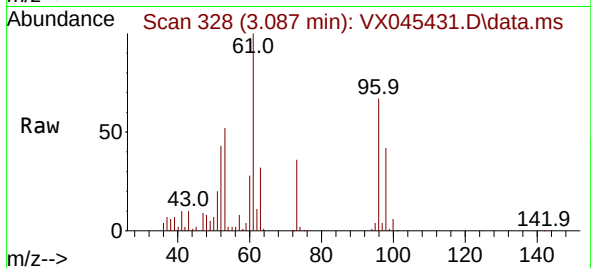
Tgt Ion: 84 Resp: 60694
Ion Ratio Lower Upper
84 100
49 138.7 106.5 159.7
51 41.1 32.1 48.1
86 62.2 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 52.781 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

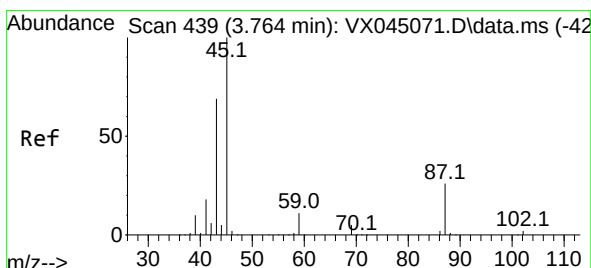
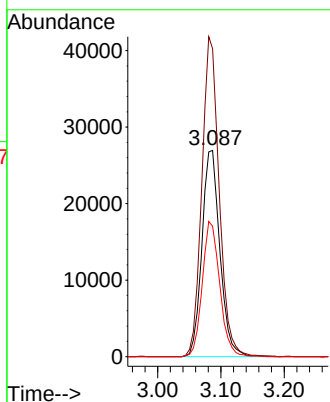
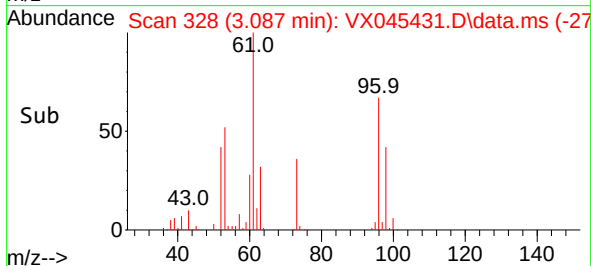
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



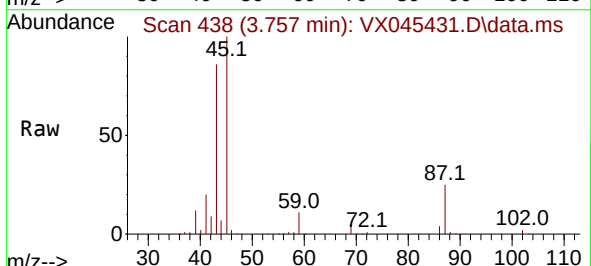
Tgt Ion: 96 Resp: 53348
Ion Ratio Lower Upper
96 100
61 149.3 117.0 175.4
98 63.3 53.4 80.2

Manual Integrations
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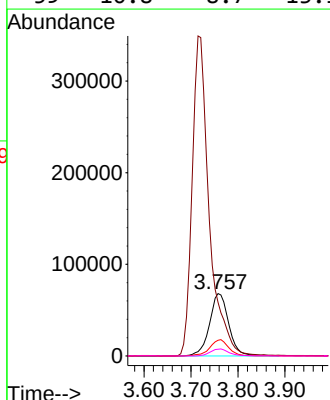
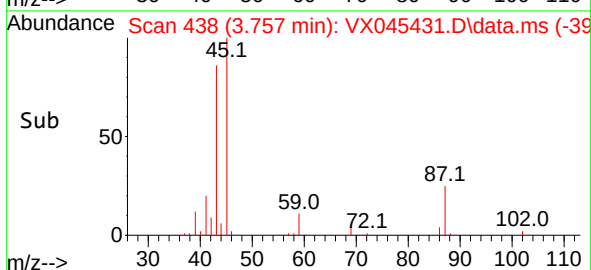
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

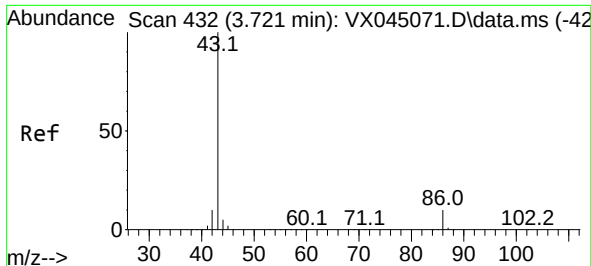


#22
Diisopropyl ether
Concen: 52.066 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31



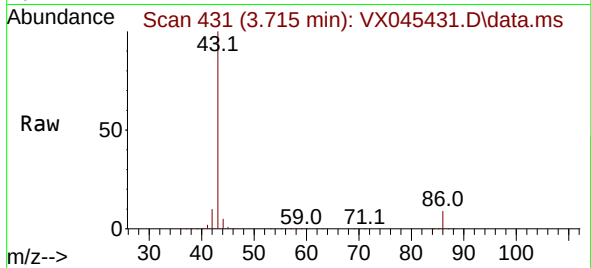
Tgt Ion: 45 Resp: 192840
Ion Ratio Lower Upper
45 100
43 85.5 54.9 82.3#
87 25.3 21.0 31.4
59 10.8 8.7 13.1





#23
 Vinyl Acetate
 Concen: 286.525 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045431.D
 Acq: 25 Mar 2025 11:31

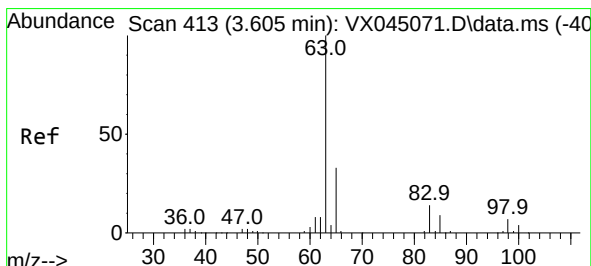
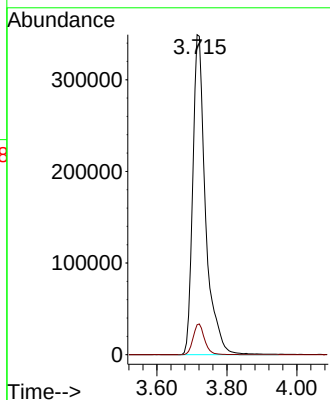
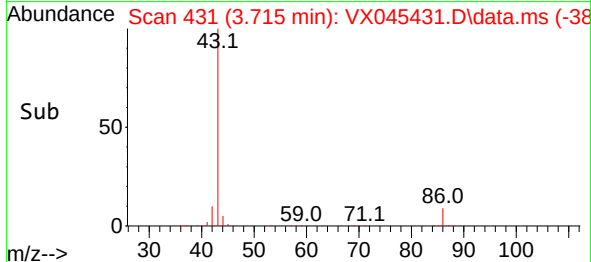
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



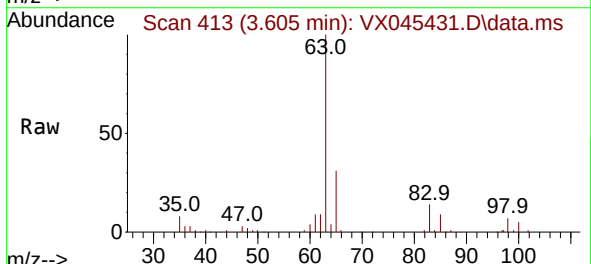
Tgt Ion: 43 Resp: 885598
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.1 12.1

Manual Integrations
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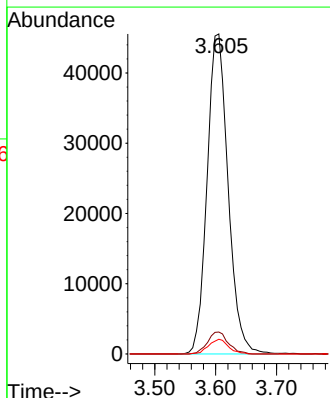
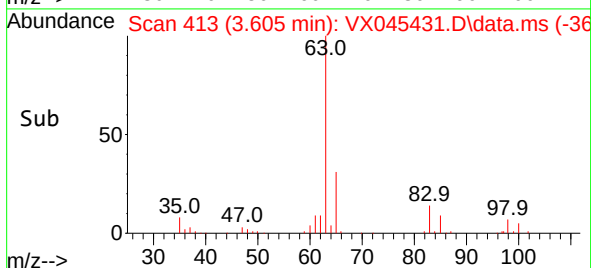
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

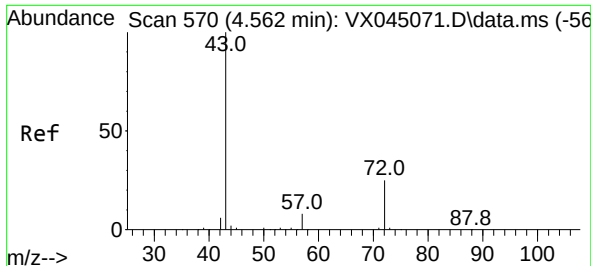


#24
 1,1-Dichloroethane
 Concen: 52.589 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045431.D
 Acq: 25 Mar 2025 11:31



Tgt Ion: 63 Resp: 109159
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.6 2.1 6.5





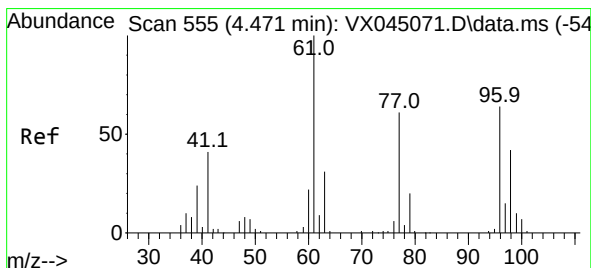
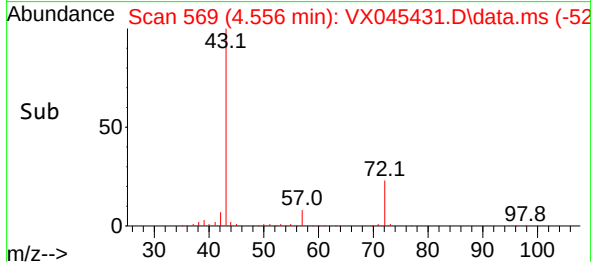
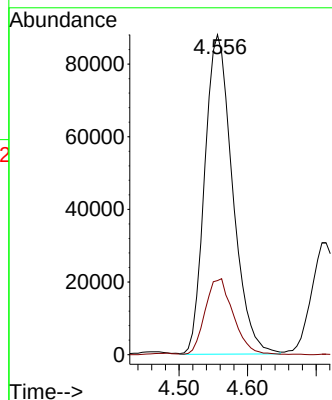
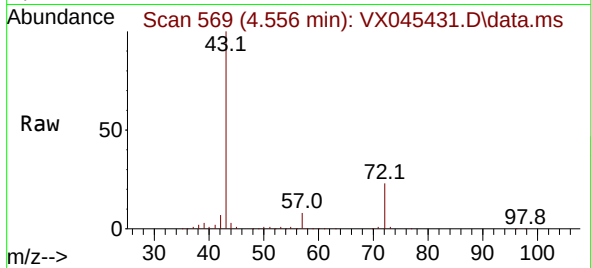
#25
2-Butanone
Concen: 268.225 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 24808
Ion Ratio Lower Upper
43 100
72 23.1 20.0 30.0

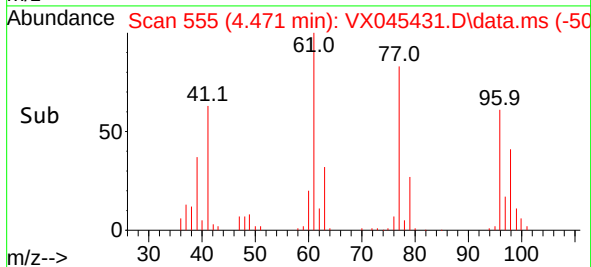
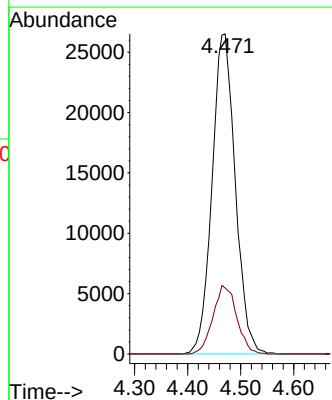
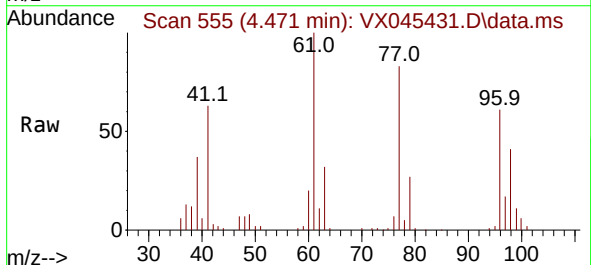
Manual Integrations
APPROVED

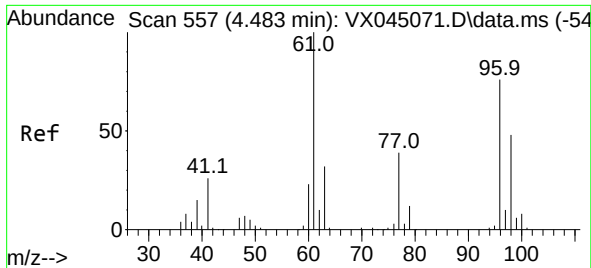
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#26
2,2-Dichloropropane
Concen: 82.834 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

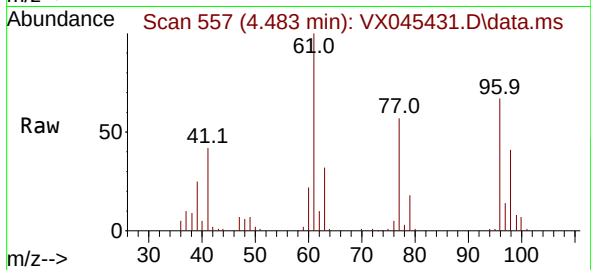
Tgt Ion: 77 Resp: 80649
Ion Ratio Lower Upper
77 100
97 21.8 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 51.554 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045431.D
 Acq: 25 Mar 2025 11:31

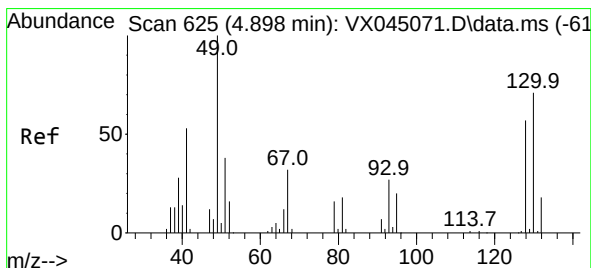
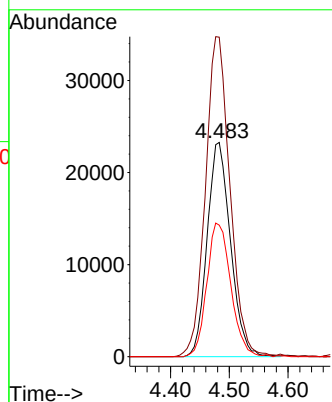
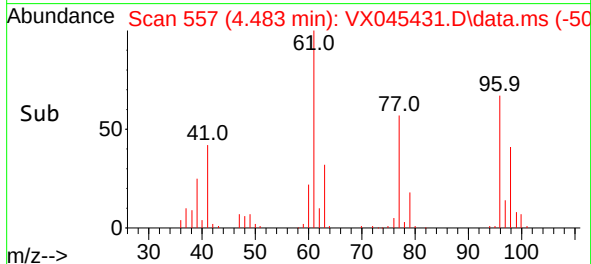
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 6432
 Ion Ratio Lower Upper
 96 100
 61 156.5 0.0 283.2
 98 64.0 0.0 128.0

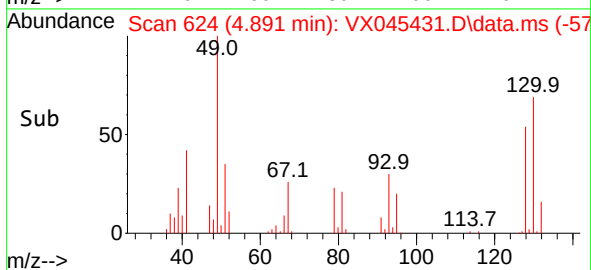
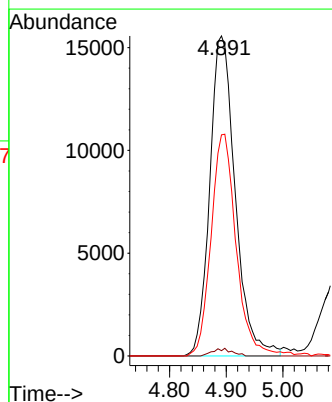
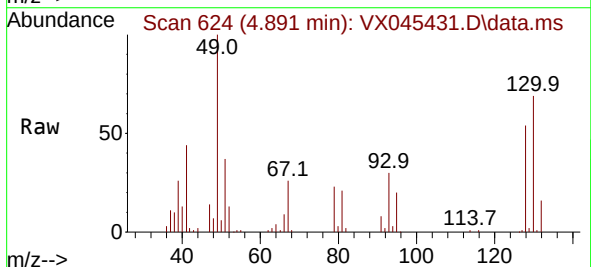
Manual Integrations
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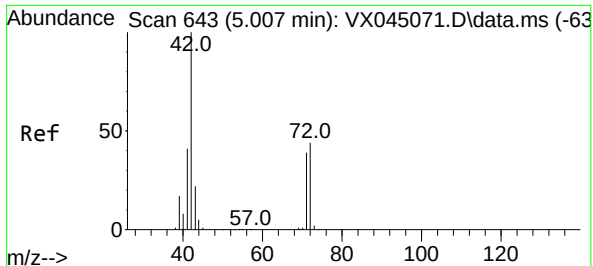
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#28
 Bromochloromethane
 Concen: 49.141 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045431.D
 Acq: 25 Mar 2025 11:31

Tgt Ion: 49 Resp: 48619
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 68.3 56.1 84.1





#29

Tetrahydrofuran

Concen: 250.594 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 15565

Ion Ratio Lower Upper

42 100

72 42.1 34.1 51.1

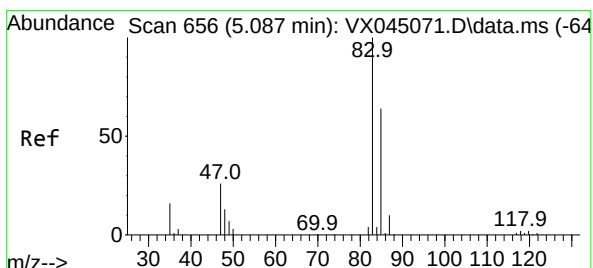
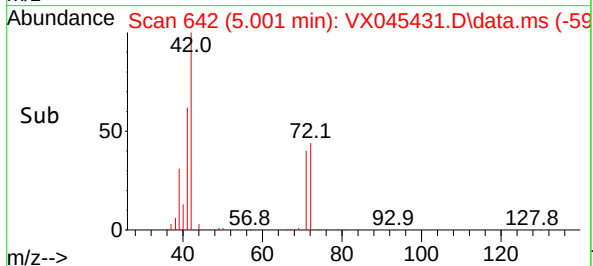
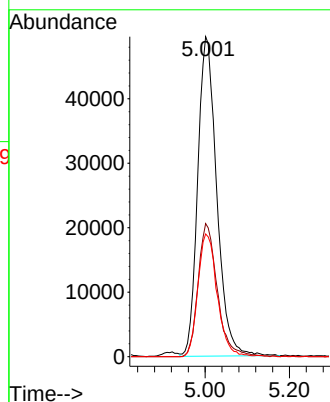
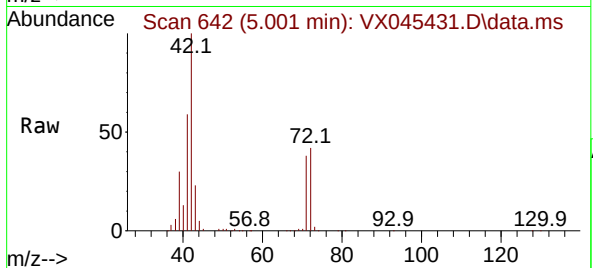
71 38.9 31.4 47.0

Manual Integrations

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Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#30

Chloroform

Concen: 53.166 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045431.D

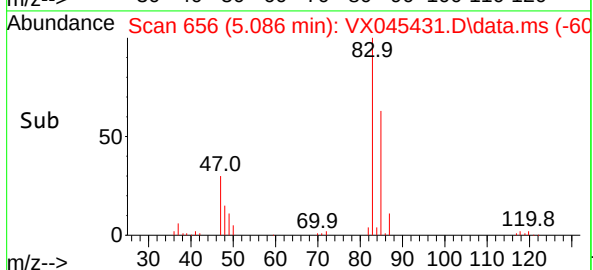
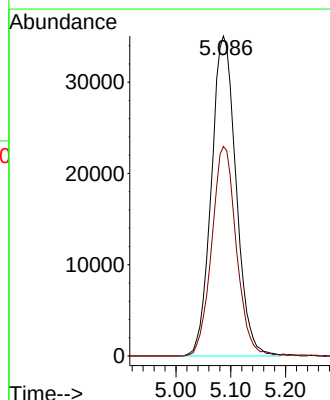
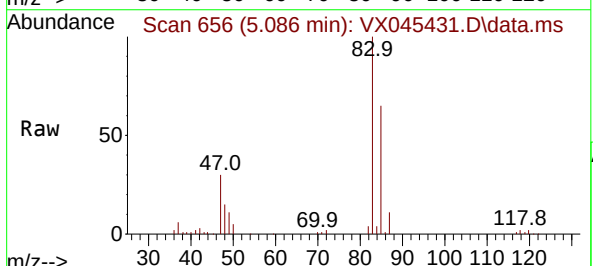
Acq: 25 Mar 2025 11:31

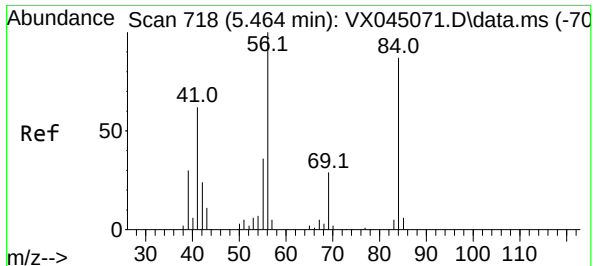
Tgt Ion: 83 Resp: 109652

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.2





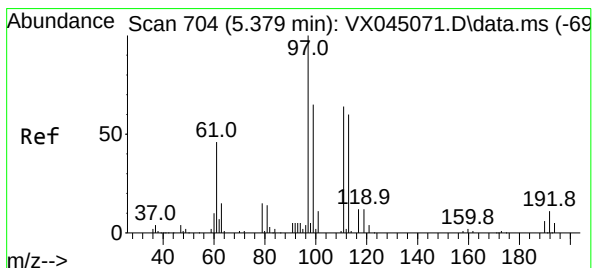
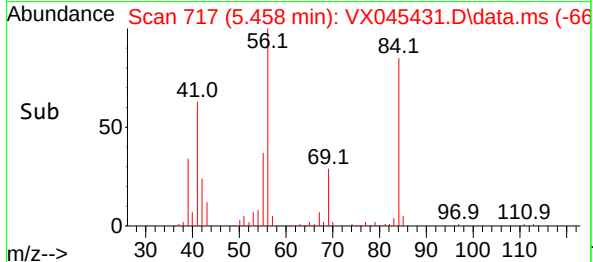
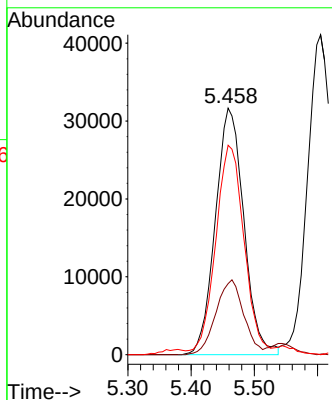
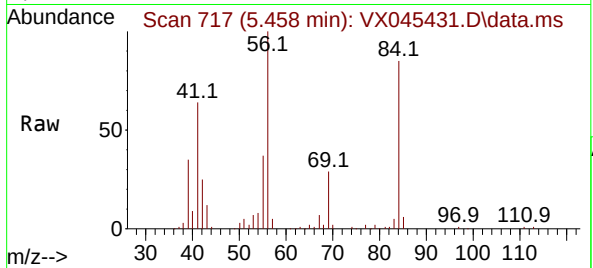
#31
Cyclohexane
Concen: 54.912 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 9894
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.2
84 82.8 69.4 104.2

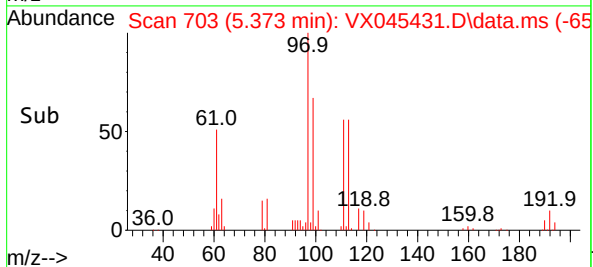
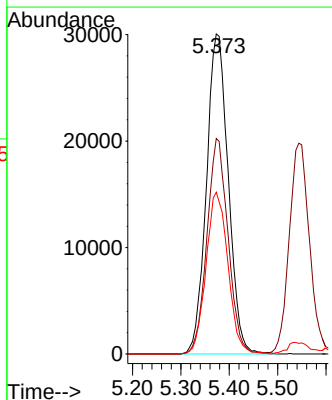
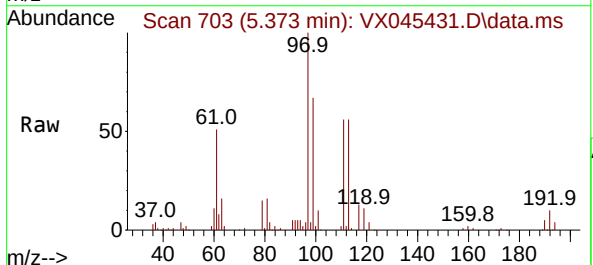
Manual Integrations
APPROVED

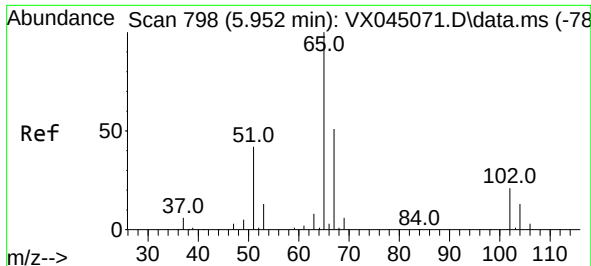
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#32
1,1,1-Trichloroethane
Concen: 56.559 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 97 Resp: 94214
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 50.8 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 55.062 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7292

Ion Ratio Lower Upper

65 100

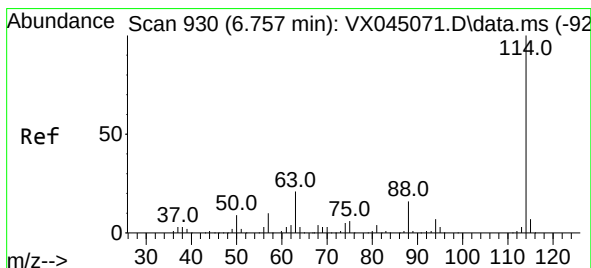
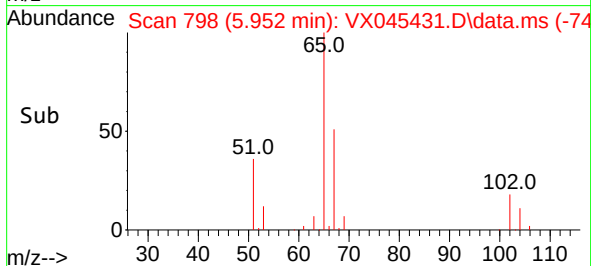
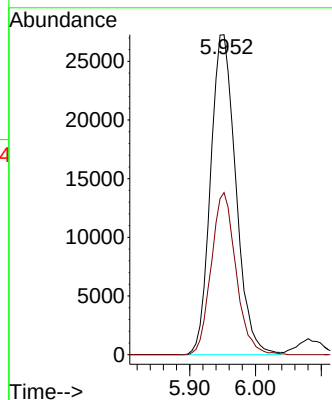
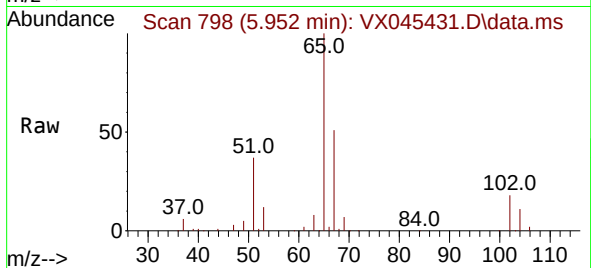
67 49.7 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

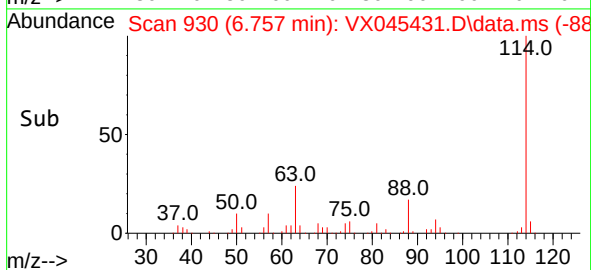
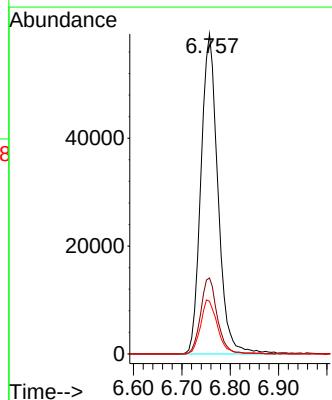
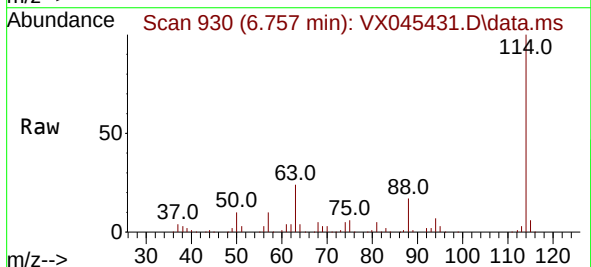
Tgt Ion:114 Resp: 144945

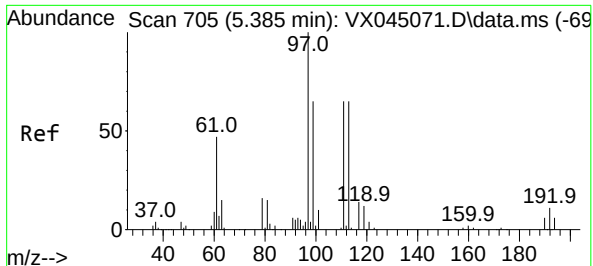
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.8

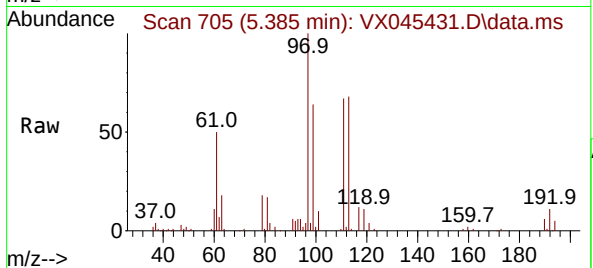
88 16.5 0.0 32.8





#35
Dibromofluoromethane
Concen: 54.975 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

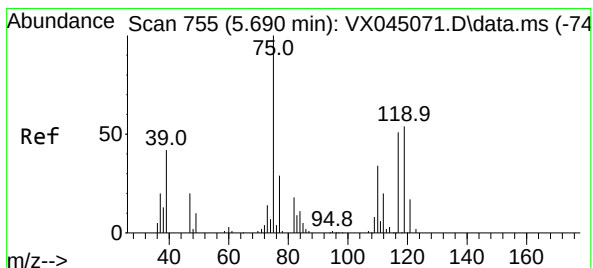
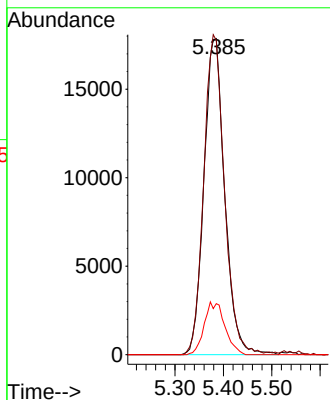
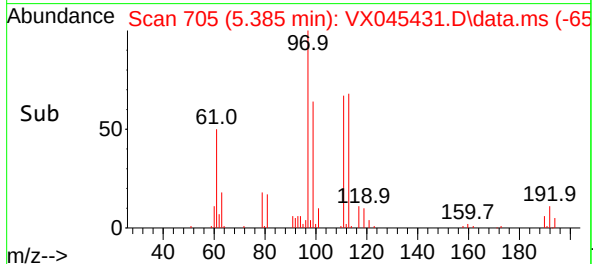
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 5328
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.6
192 16.6 14.3 21.5

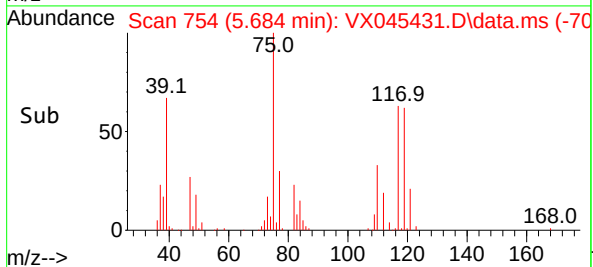
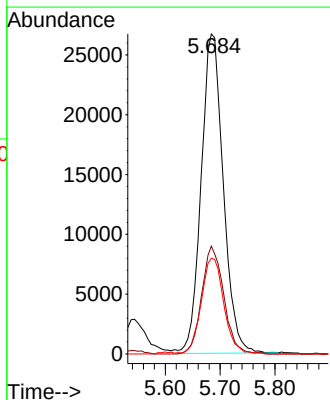
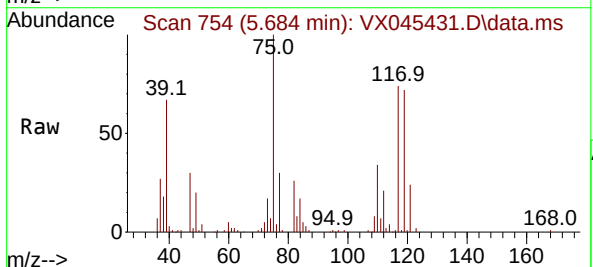
Manual Integrations
APPROVED

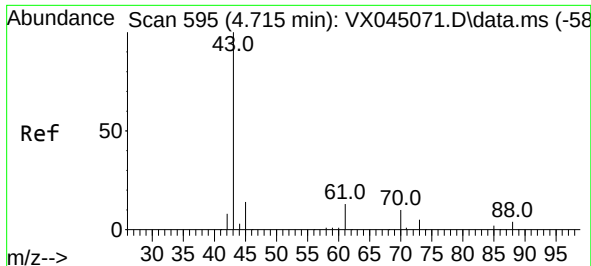
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#36
1,1-Dichloropropene
Concen: 56.139 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

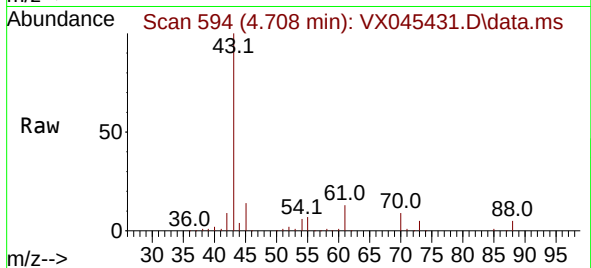
Tgt Ion: 75 Resp: 74619
Ion Ratio Lower Upper
75 100
110 33.5 16.9 50.6
77 30.7 24.5 36.7





#37
Ethyl Acetate
Concen: 54.162 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

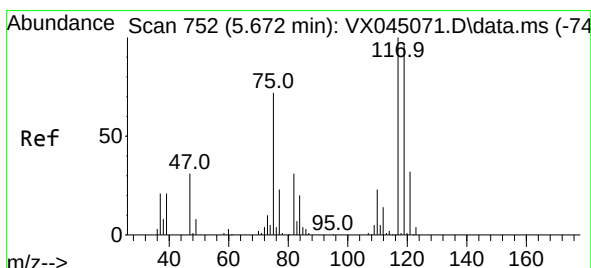
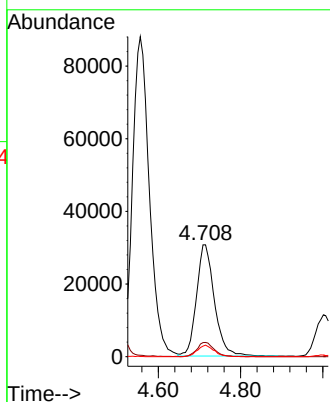
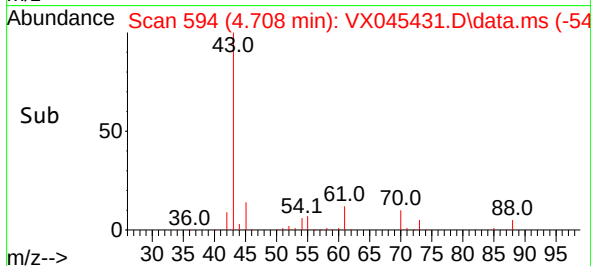
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 9276
Ion Ratio Lower Upper
43 100
61 12.4 10.8 16.2
70 9.6 7.7 11.5

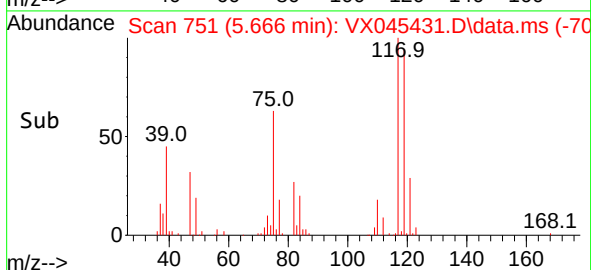
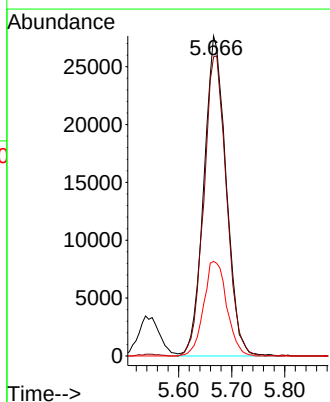
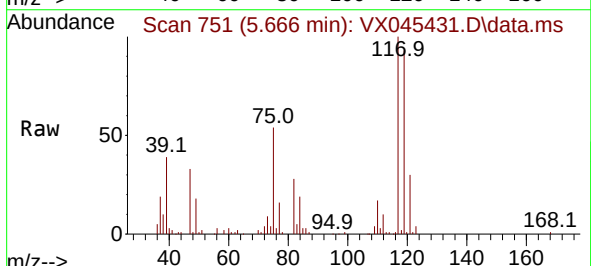
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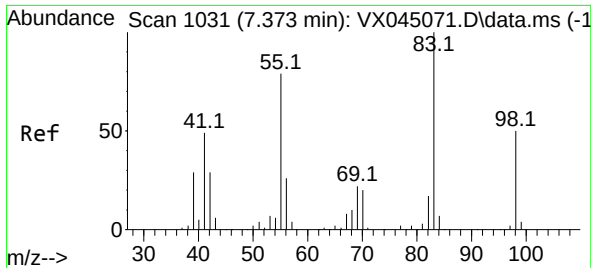
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#38
Carbon Tetrachloride
Concen: 59.885 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

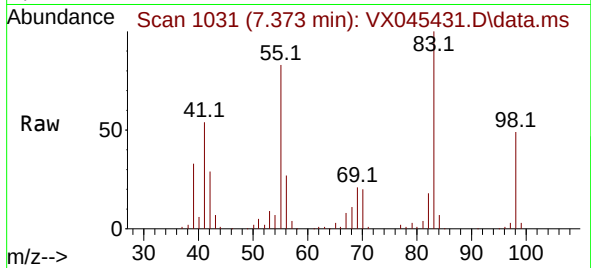
Tgt Ion:117 Resp: 80811
Ion Ratio Lower Upper
117 100
119 93.4 76.7 115.1
121 29.6 25.5 38.3





#39
Methylcyclohexane
Concen: 61.319 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

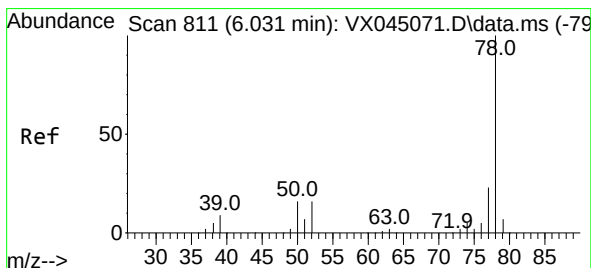
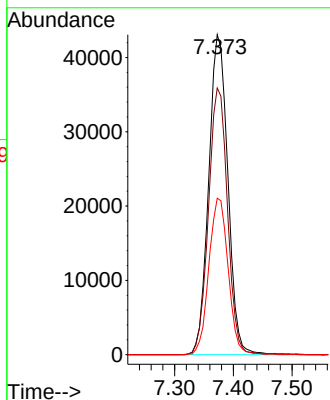
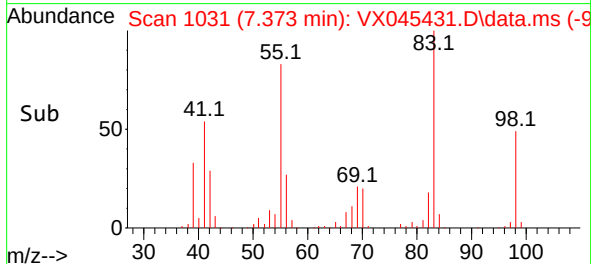
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



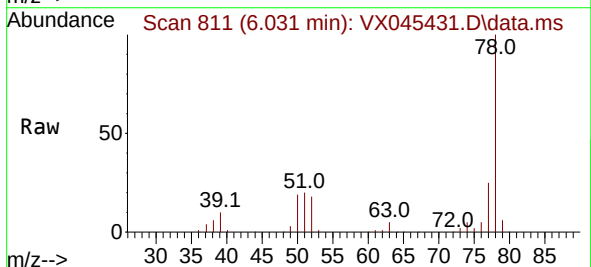
Tgt Ion: 83 Resp: 97660
Ion Ratio Lower Upper
83 100
55 83.3 63.0 94.4
98 48.9 39.7 59.5

Manual Integrations
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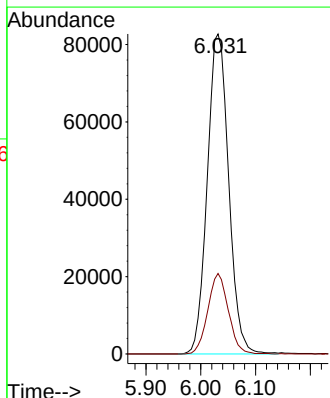
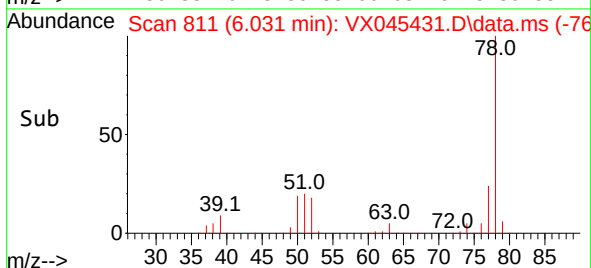
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

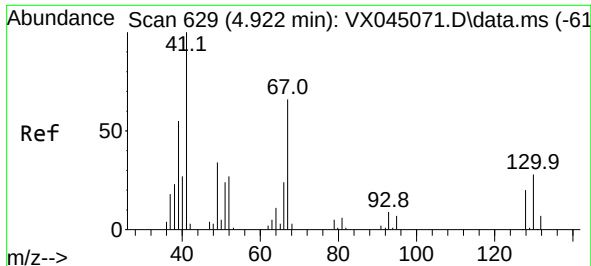


#40
Benzene
Concen: 53.428 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31



Tgt Ion: 78 Resp: 224248
Ion Ratio Lower Upper
78 100
77 25.2 18.8 28.2





#41
Methacrylonitrile
Concen: 55.689 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

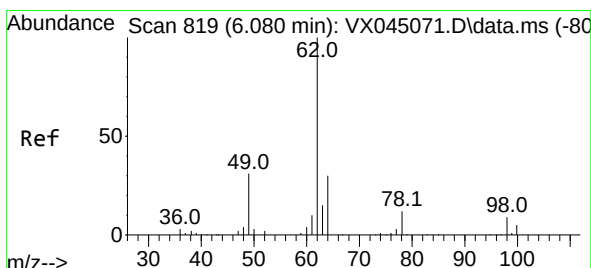
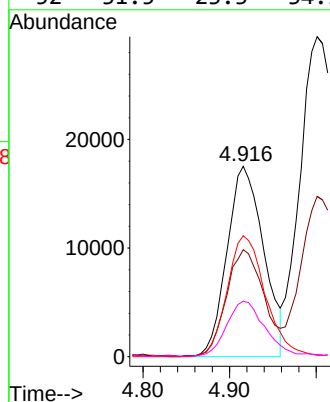
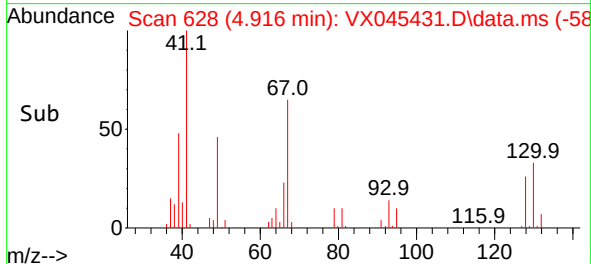
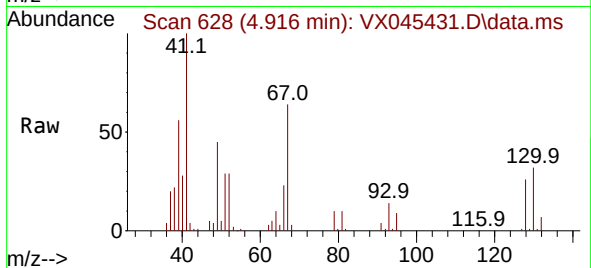
Tgt Ion: 41 Resp: 51574
Ion Ratio Lower Upper
41 100
39 57.7 44.6 67.0
67 66.2 53.9 80.9
52 31.5 23.3 34.9

Manual Integrations

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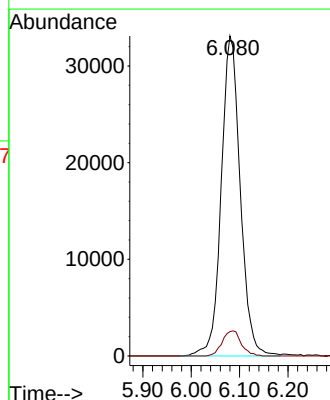
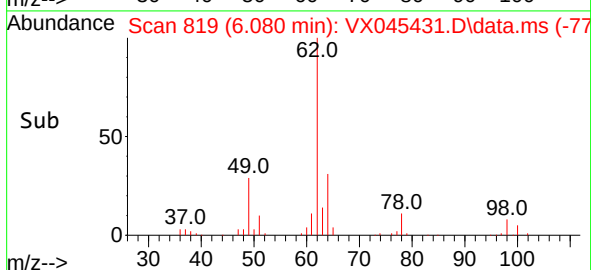
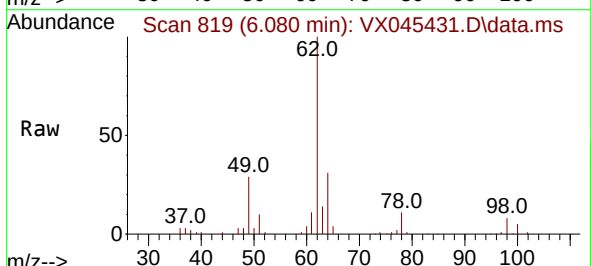
Reviewed By :John Carlone 03/26/2025

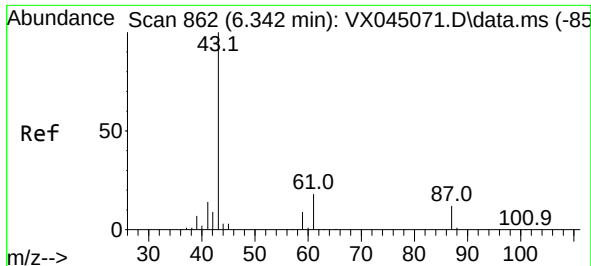
Supervised By :Mahesh Dadoda 03/26/2025



#42
1,2-Dichloroethane
Concen: 59.882 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

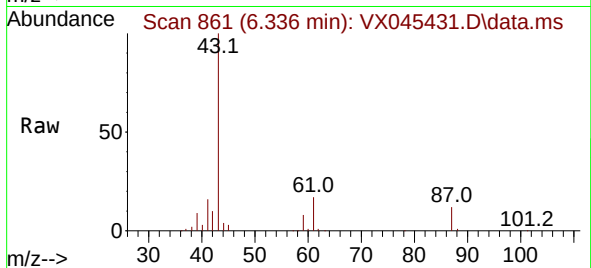
Tgt Ion: 62 Resp: 90507
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.2





#43
Isopropyl Acetate
Concen: 57.673 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

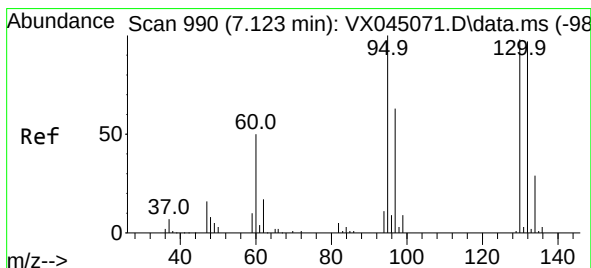
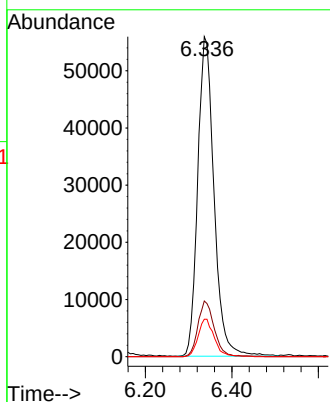
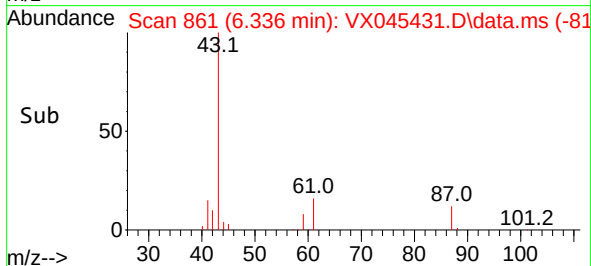
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 146064
Ion Ratio Lower Upper
43 100
61 17.4 14.9 22.3
87 11.6 9.4 14.2

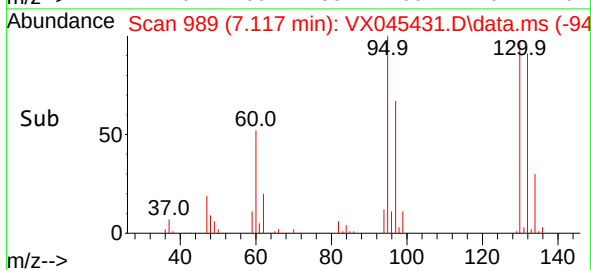
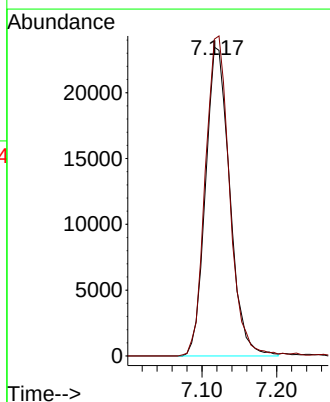
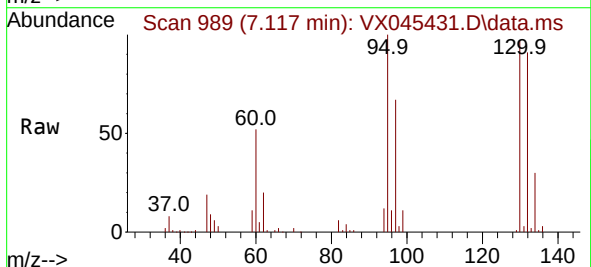
Manual Integrations
APPROVED

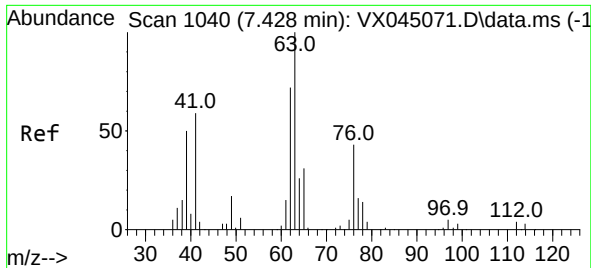
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#44
Trichloroethene
Concen: 53.617 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

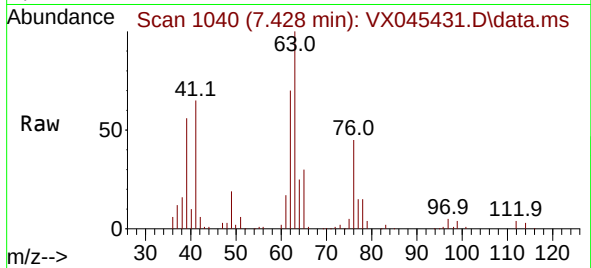
Tgt Ion:130 Resp: 52842
Ion Ratio Lower Upper
130 100
95 102.6 0.0 205.0





#45
1,2-Dichloropropane
Concen: 52.440 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

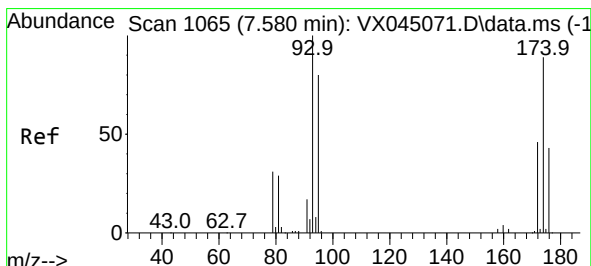
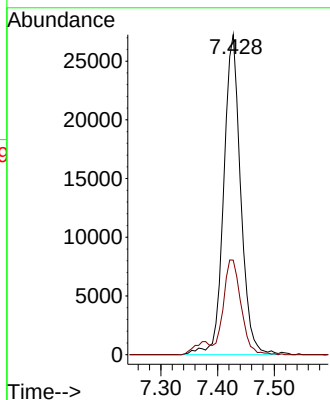
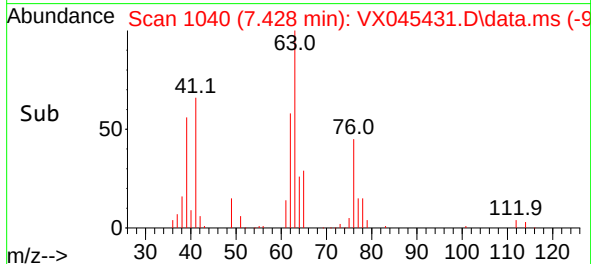
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 56590
Ion Ratio Lower Upper
63 100
65 29.5 24.7 37.1

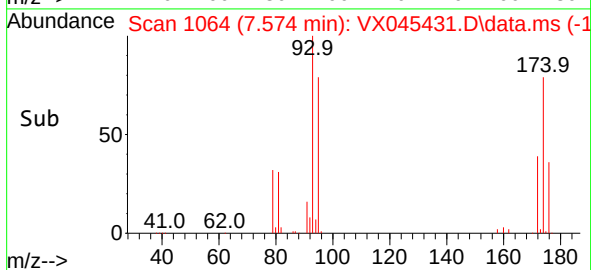
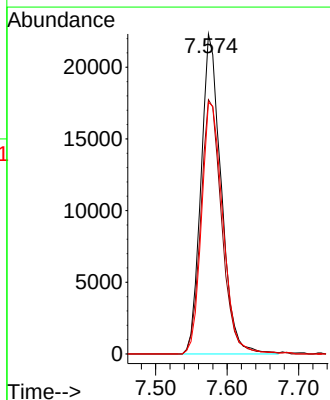
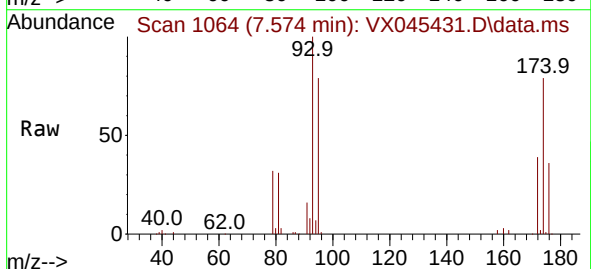
Manual Integrations
APPROVED

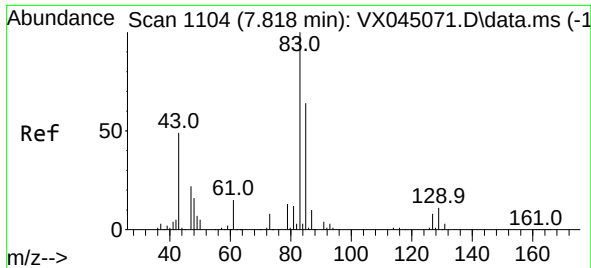
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#46
Dibromomethane
Concen: 57.458 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 93 Resp: 43826
Ion Ratio Lower Upper
93 100
95 82.5 65.8 98.8
174 82.8 72.2 108.2





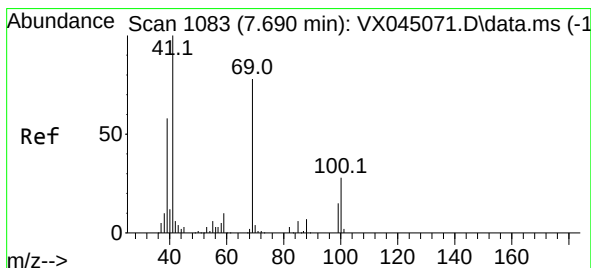
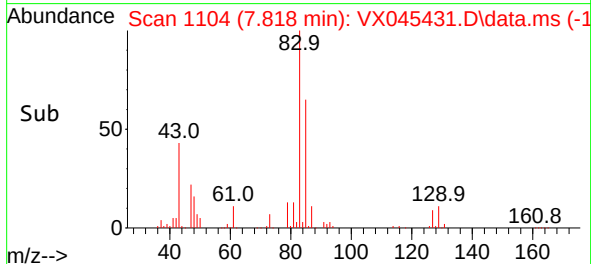
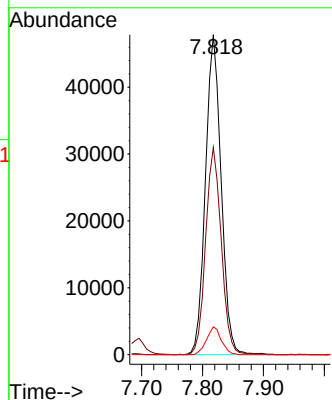
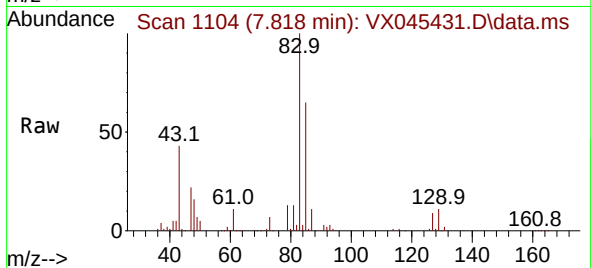
#47
Bromodichloromethane
Concen: 57.282 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8570
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7
127 8.7 6.4 9.6

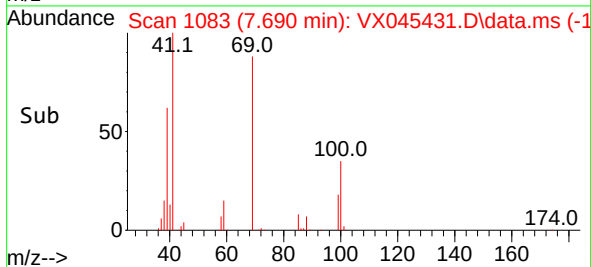
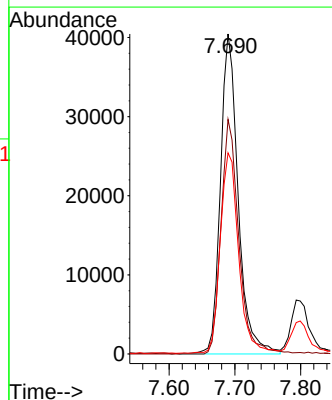
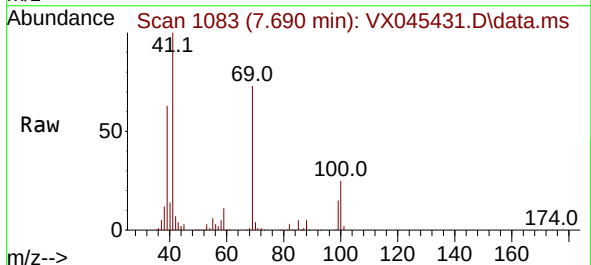
Manual Integrations
APPROVED

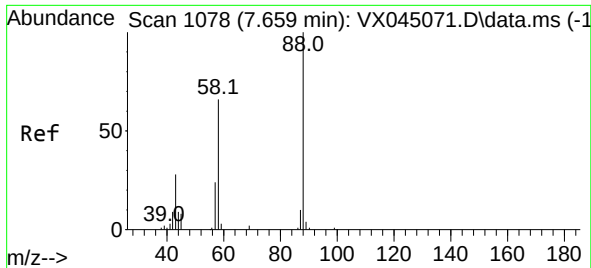
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#48
Methyl methacrylate
Concen: 59.672 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

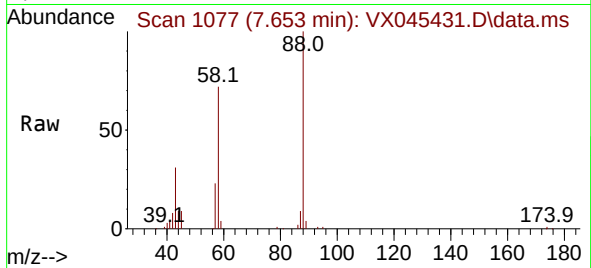
Tgt Ion: 41 Resp: 75819
Ion Ratio Lower Upper
41 100
69 73.6 63.0 94.6
39 65.3 47.5 71.3





#49
1,4-Dioxane
Concen: 1056.380 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

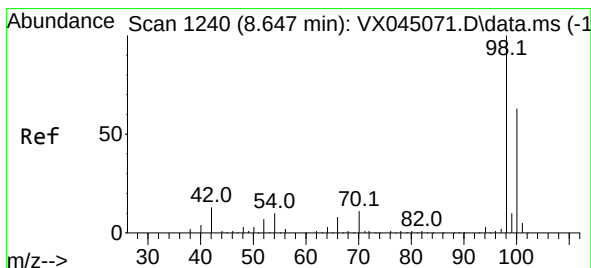
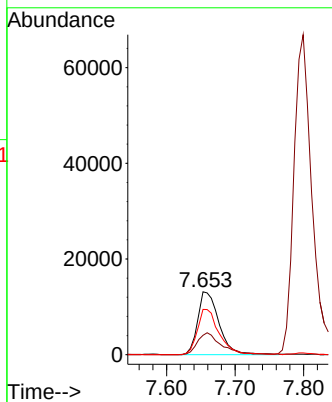
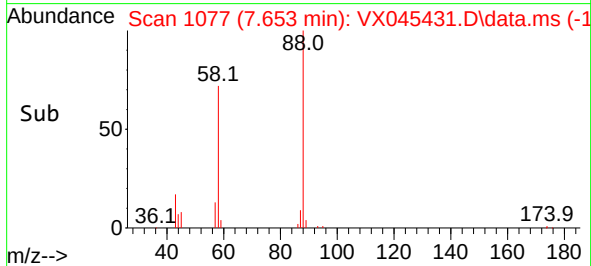
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 2831
Ion Ratio Lower Upper
88 100
43 39.5 28.7 43.1
58 74.1 55.8 83.8

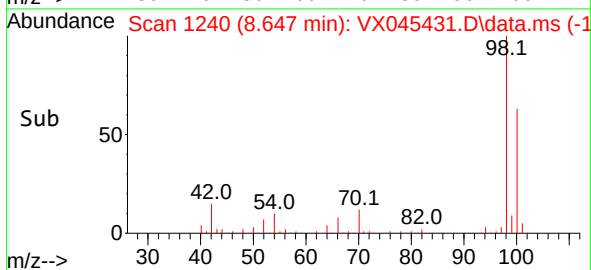
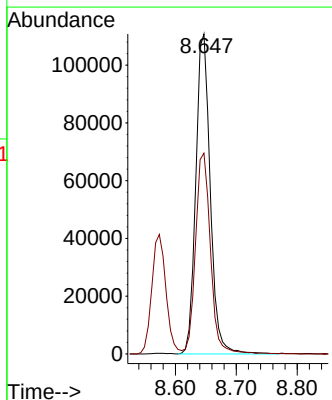
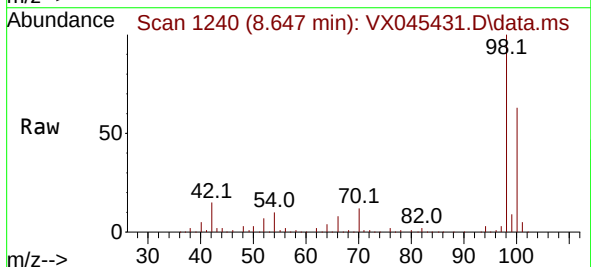
Manual Integrations
APPROVED

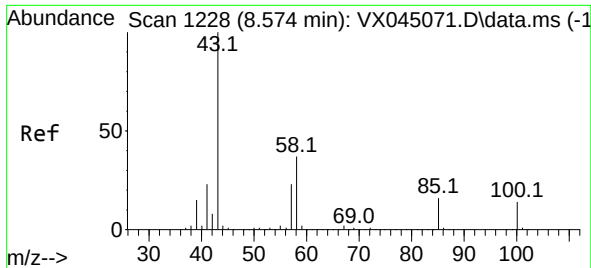
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#50
Toluene-d8
Concen: 51.975 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

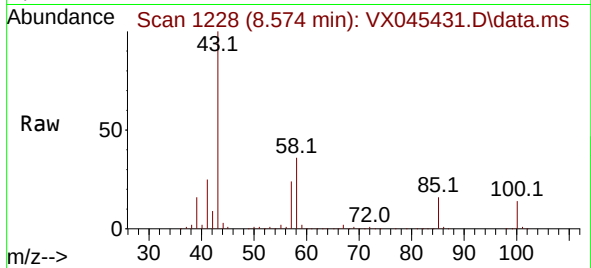
Tgt Ion: 98 Resp: 182626
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 290.090 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

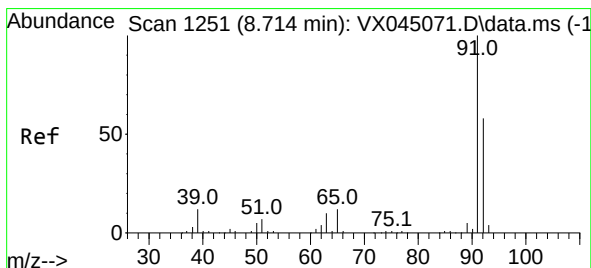
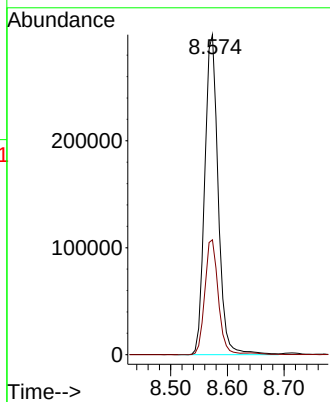
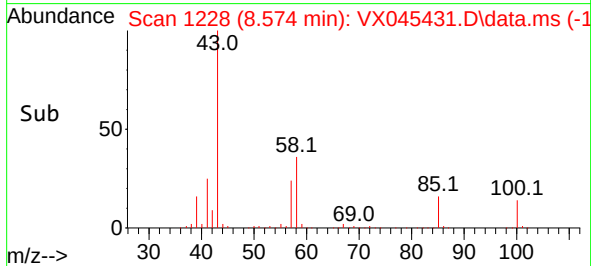
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



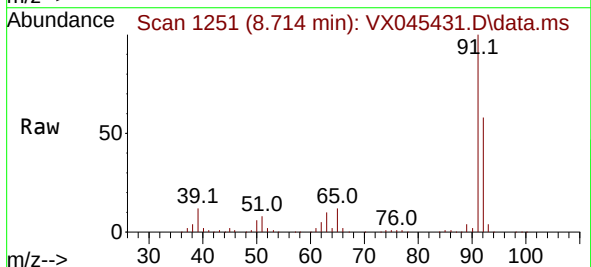
Tgt Ion: 43 Resp: 493305
Ion Ratio Lower Upper
43 100
58 35.8 29.2 43.8

Manual Integrations
APPROVED

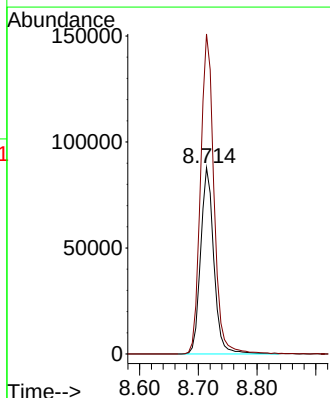
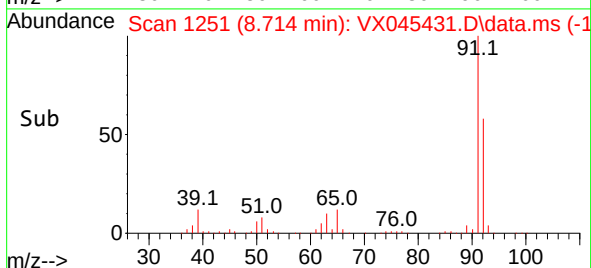
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

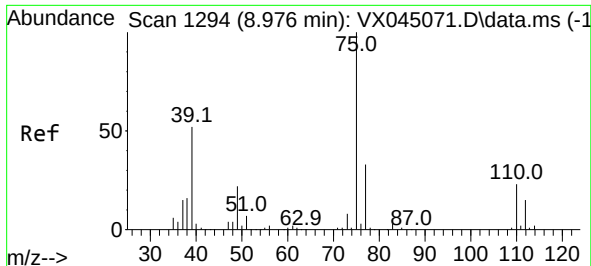


#52
Toluene
Concen: 55.590 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31



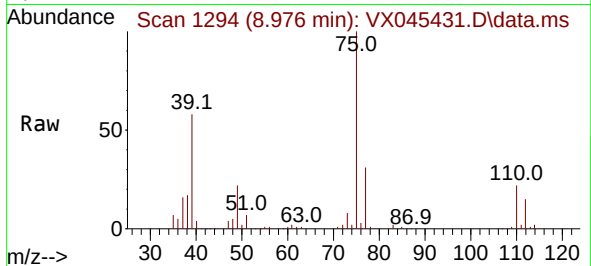
Tgt Ion: 92 Resp: 136895
Ion Ratio Lower Upper
92 100
91 175.3 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 63.348 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

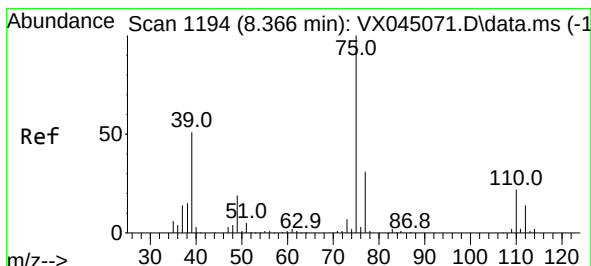
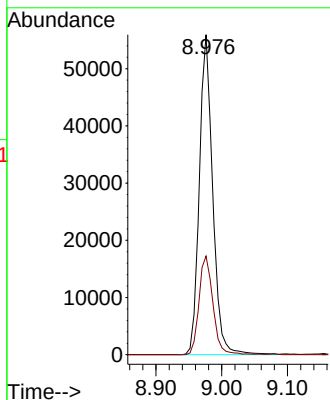
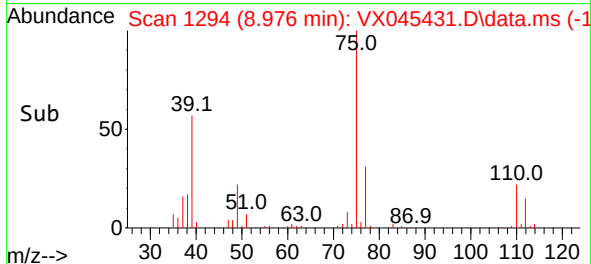
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 79234
Ion Ratio Lower Upper
75 100
77 30.8 26.5 39.7

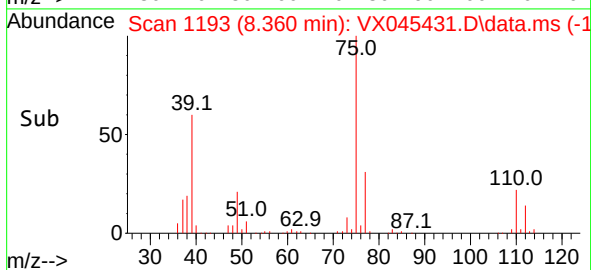
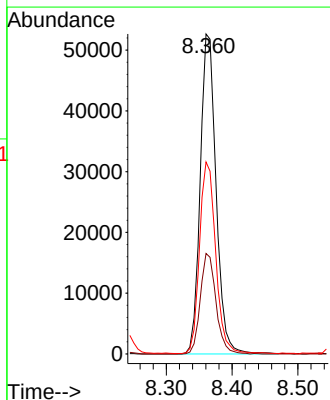
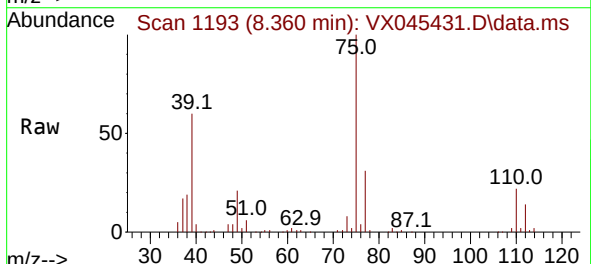
Manual Integrations
APPROVED

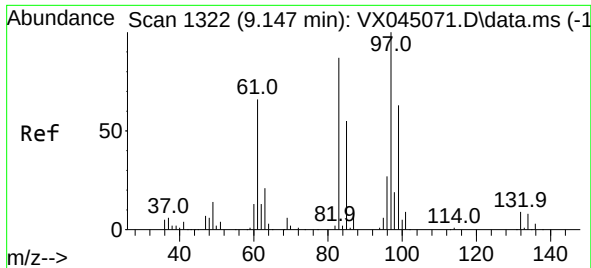
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#54
cis-1,3-Dichloropropene
Concen: 60.662 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

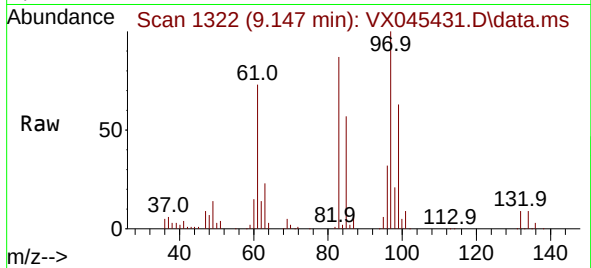
Tgt Ion: 75 Resp: 88476
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1
39 59.9 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 52.847 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

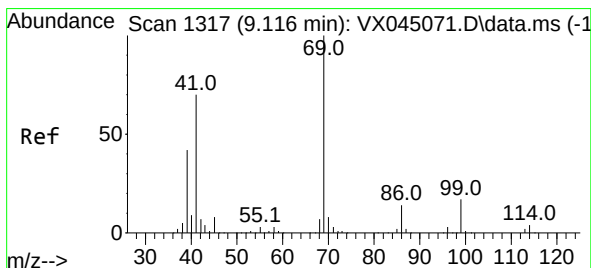
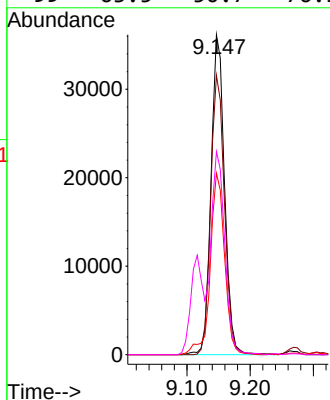
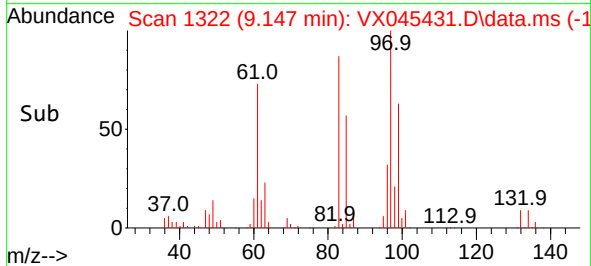
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.4	104.2
85	56.7	44.1	66.1
99	63.5	50.7	76.1

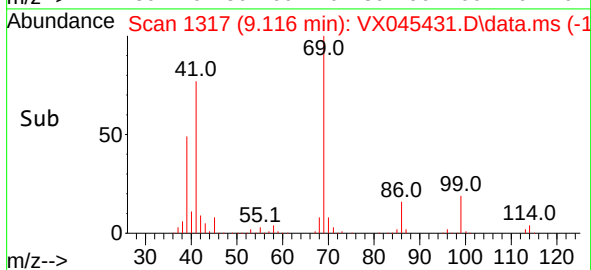
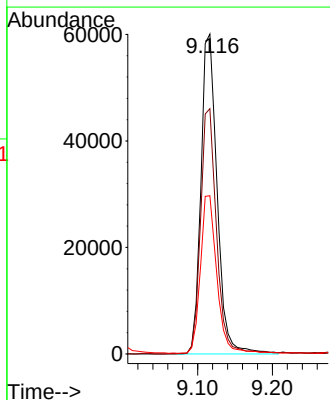
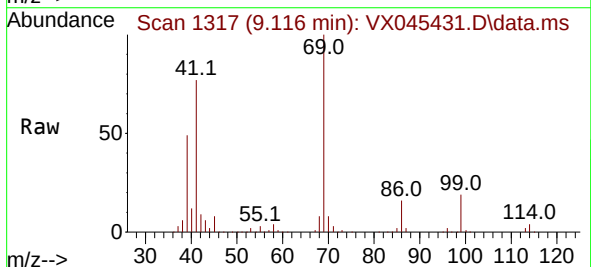
Manual Integrations
APPROVED

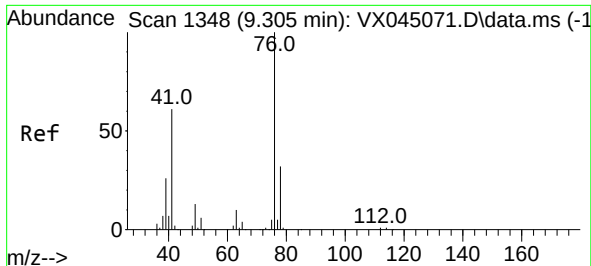
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#56
Ethyl methacrylate
Concen: 58.682 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

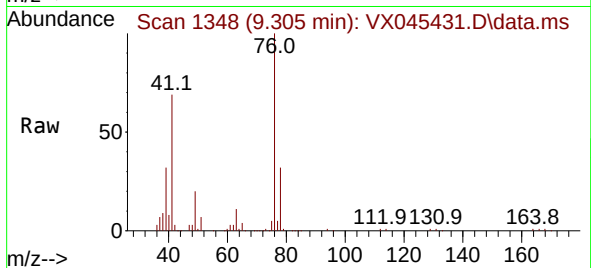
Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.5	57.0	85.4
39	50.1	34.2	51.4





#57
1,3-Dichloropropane
Concen: 53.749 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

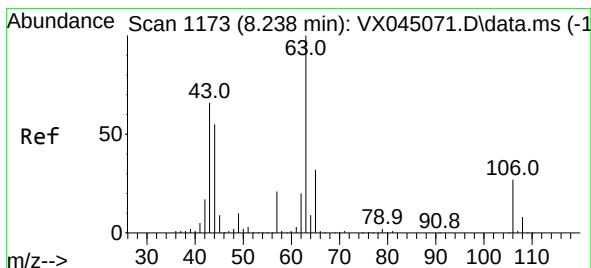
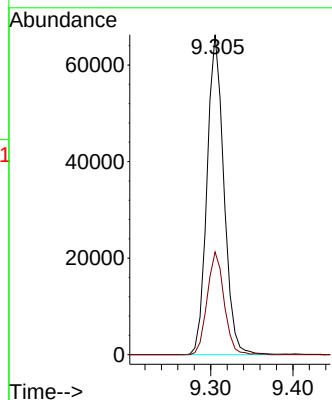
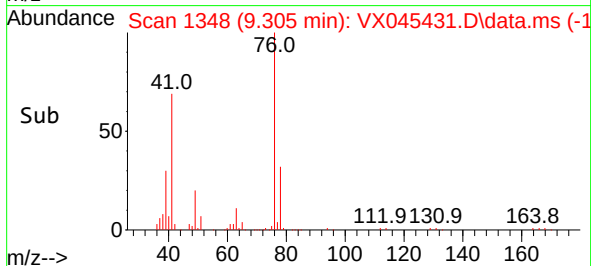
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 94295
Ion Ratio Lower Upper
76 100
78 32.3 25.5 38.3

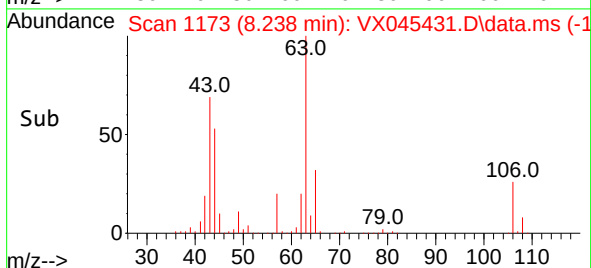
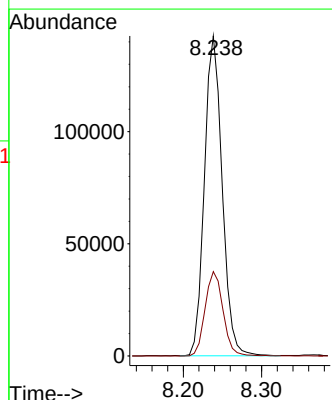
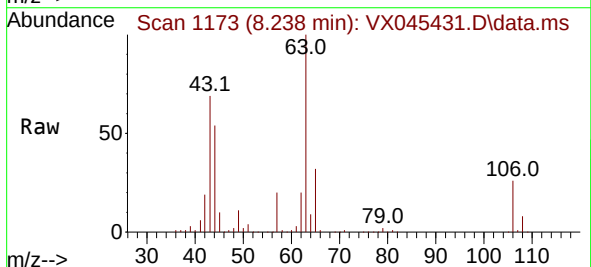
Manual Integrations
APPROVED

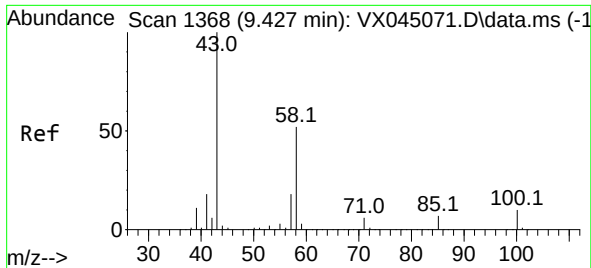
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 298.307 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

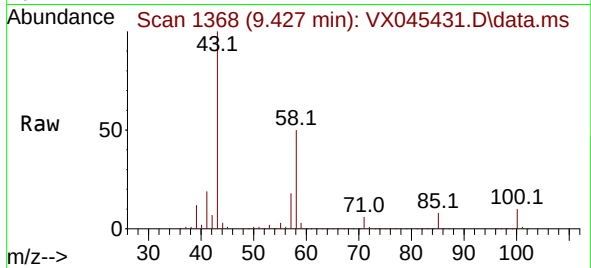
Tgt Ion: 63 Resp: 224245
Ion Ratio Lower Upper
63 100
106 26.7 21.5 32.3





#59
2-Hexanone
Concen: 305.413 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

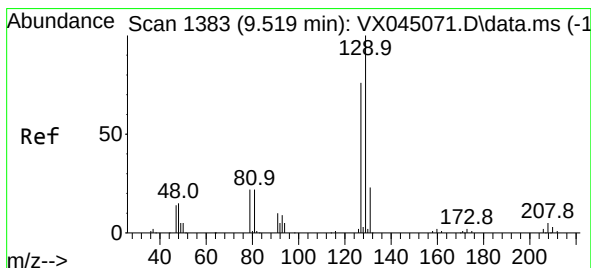
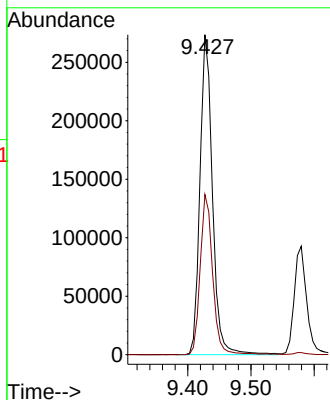
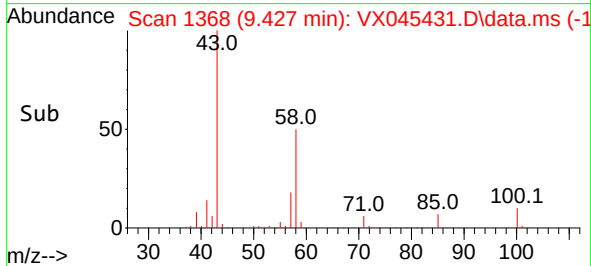
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 376299
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.6

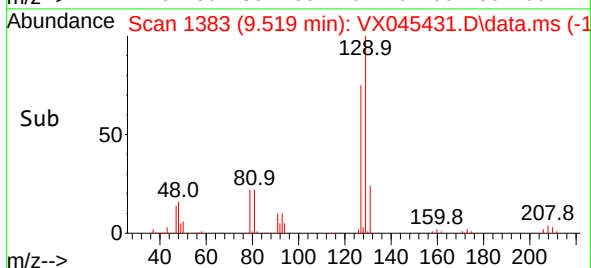
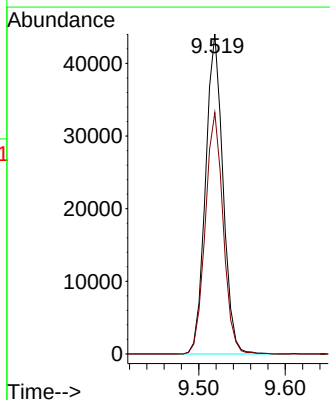
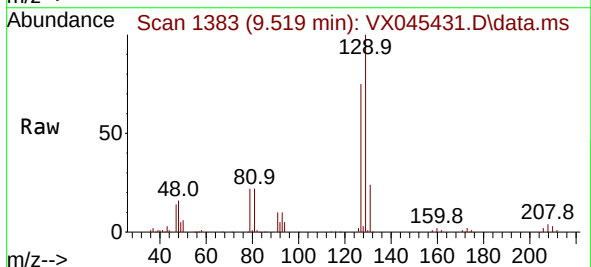
Manual Integrations
APPROVED

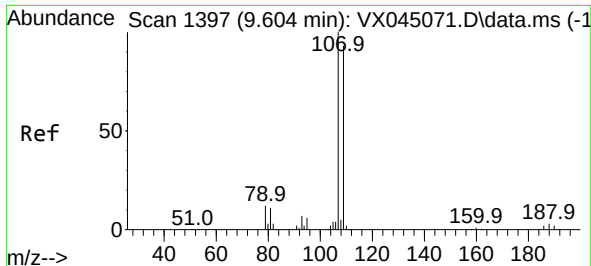
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#60
Dibromochloromethane
Concen: 58.159 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

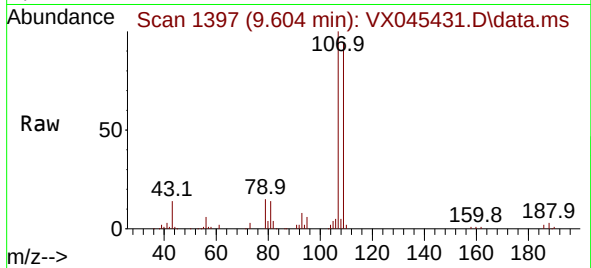
Tgt Ion:129 Resp: 61649
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 55.824 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

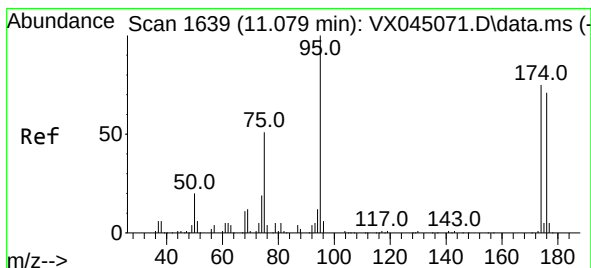
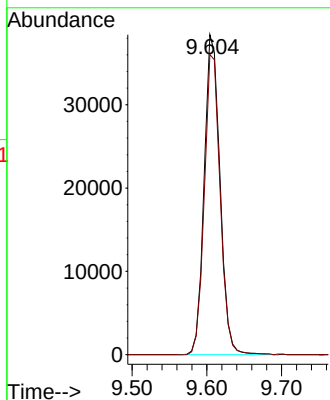
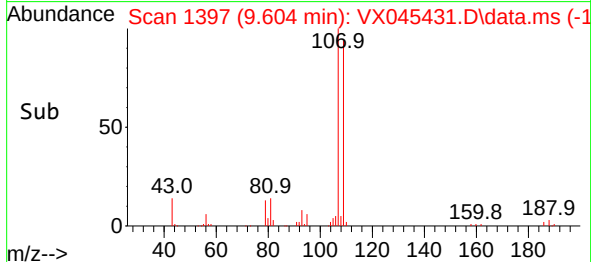
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 5649
Ion Ratio Lower Upper
107 100
109 93.8 76.1 114.1

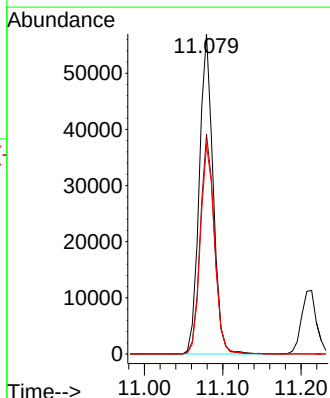
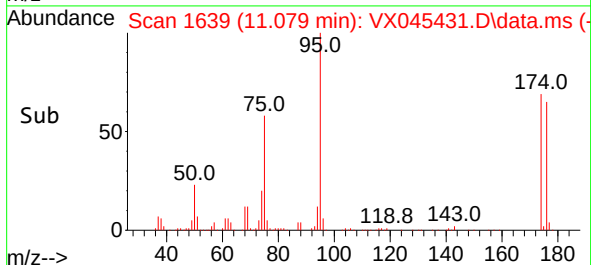
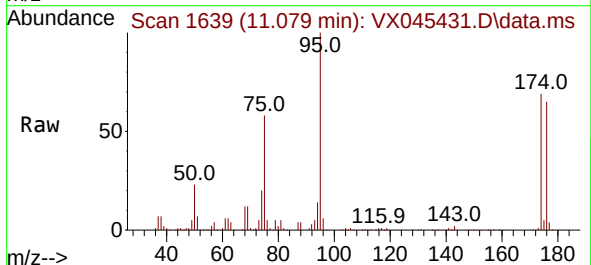
Manual Integrations
APPROVED

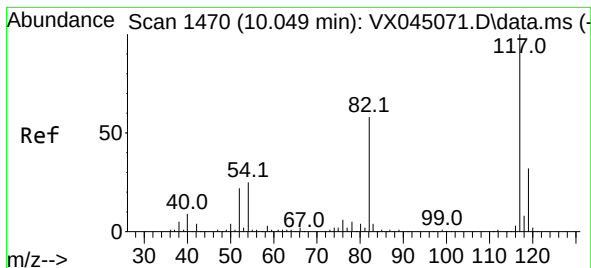
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#62
4-Bromofluorobenzene
Concen: 59.846 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

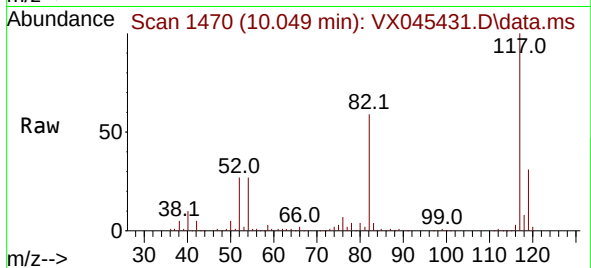
Tgt Ion: 95 Resp: 69681
Ion Ratio Lower Upper
95 100
174 69.8 0.0 148.2
176 66.9 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

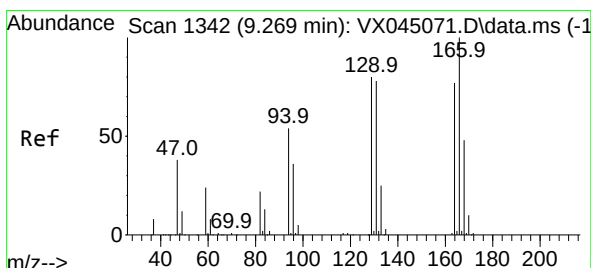
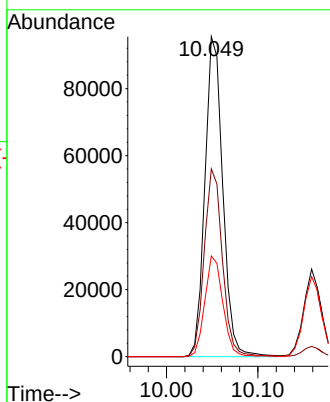
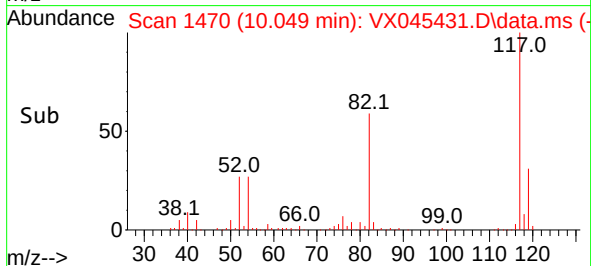
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 129570
Ion Ratio Lower Upper
117 100
82 58.7 46.3 69.5
119 31.5 25.7 38.5

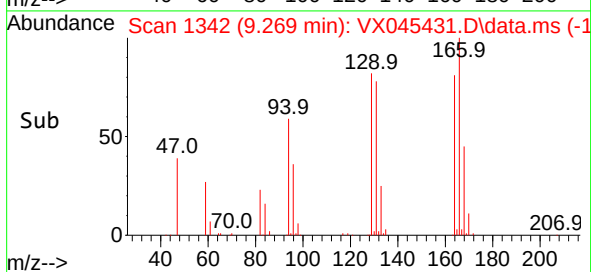
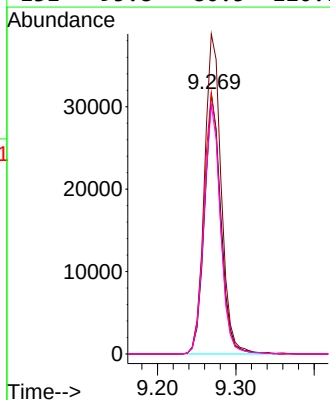
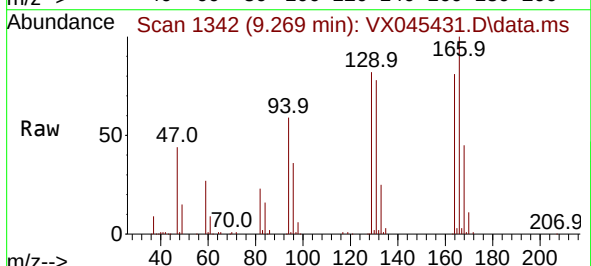
Manual Integrations
APPROVED

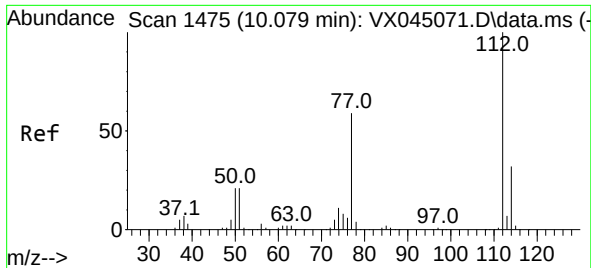
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#64
Tetrachloroethene
Concen: 55.192 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Tgt Ion:164 Resp: 45803
Ion Ratio Lower Upper
164 100
166 123.0 103.6 155.4
129 100.5 82.7 124.1
131 95.8 80.5 120.7





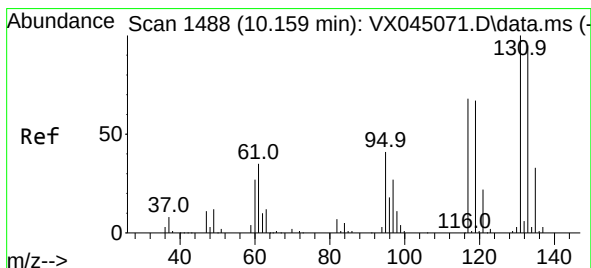
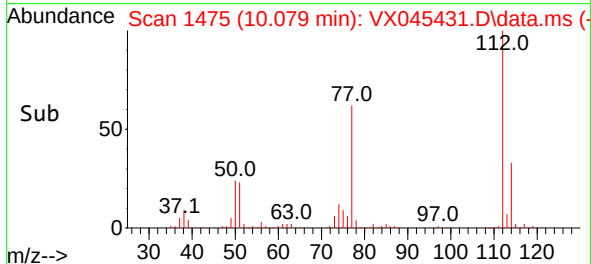
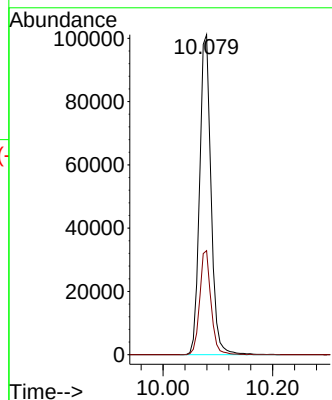
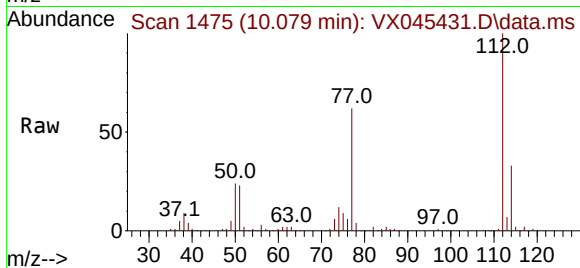
#65
Chlorobenzene
Concen: 53.387 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 146378
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

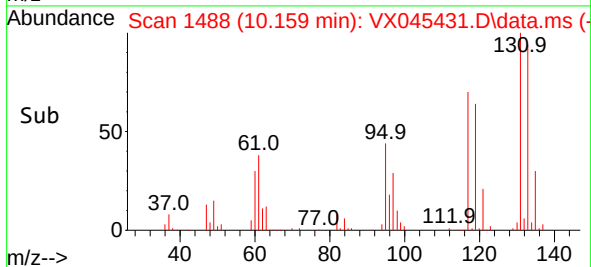
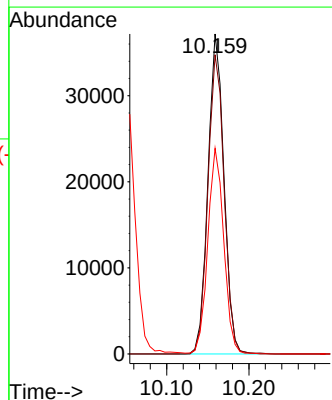
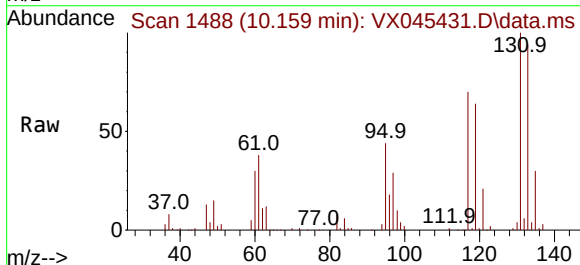
Manual Integrations
APPROVED

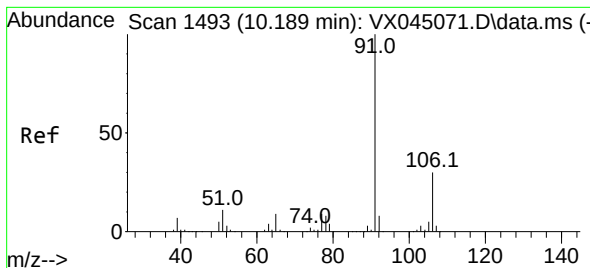
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.062 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

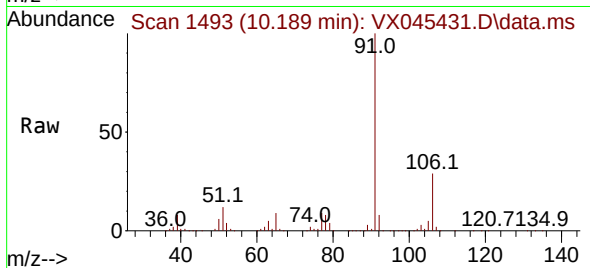
Tgt Ion:131 Resp: 50276
Ion Ratio Lower Upper
131 100
133 95.0 48.6 145.9
119 64.2 33.9 101.7





#67
Ethyl Benzene
Concen: 56.096 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

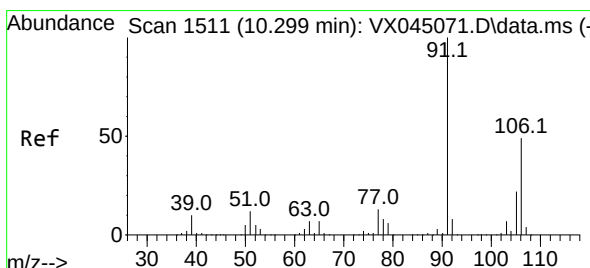
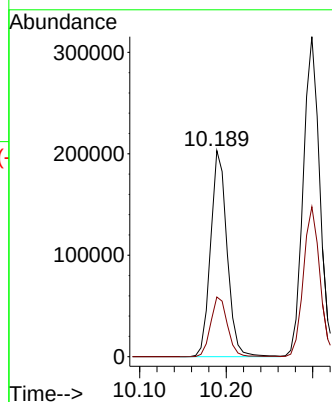
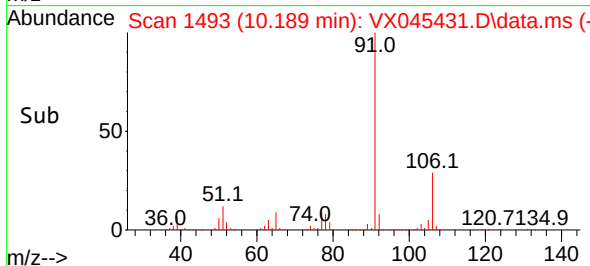
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



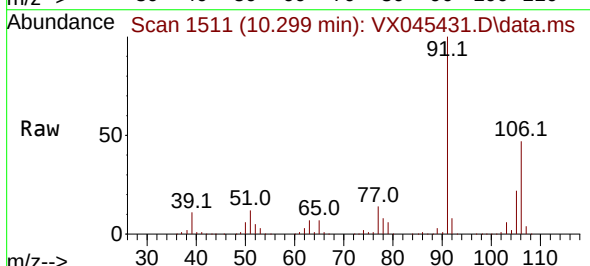
Tgt Ion: 91 Resp: 267992
Ion Ratio Lower Upper
91 100
106 29.0 23.9 35.9

Manual Integrations
APPROVED

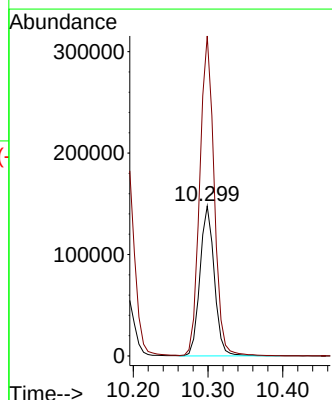
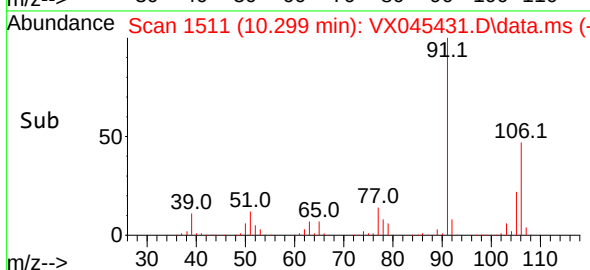
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

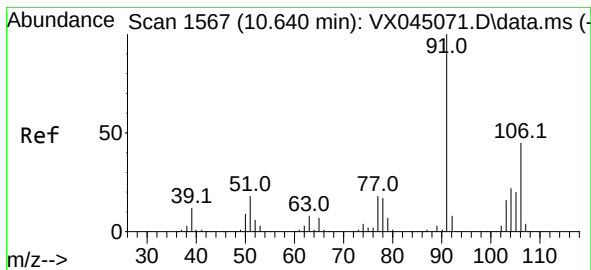


#68
m/p-Xylenes
Concen: 112.611 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31



Tgt Ion:106 Resp: 196944
Ion Ratio Lower Upper
106 100
91 214.1 165.4 248.0





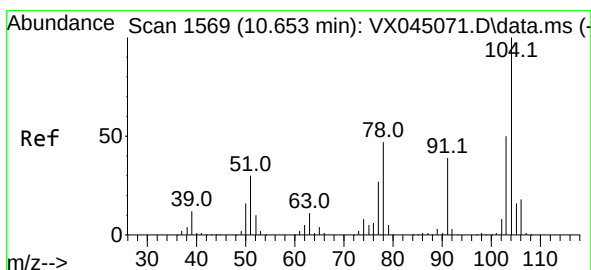
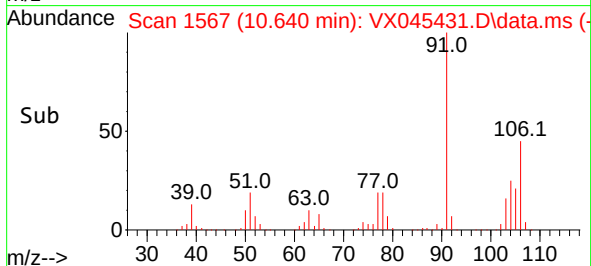
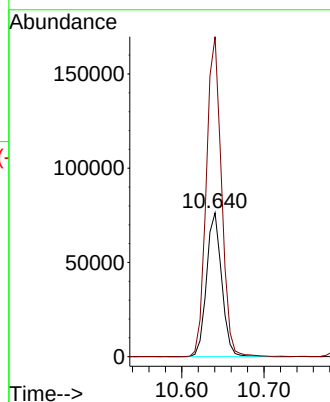
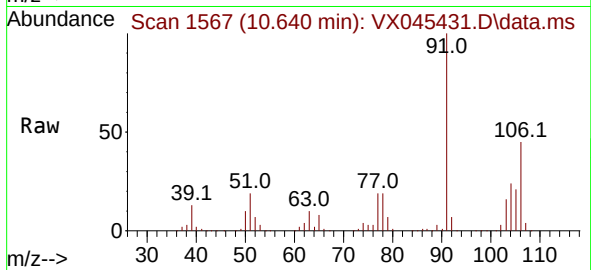
#69
o-Xylene
Concen: 55.328 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 97592
Ion Ratio Lower Upper
106 100
91 223.3 109.9 329.6

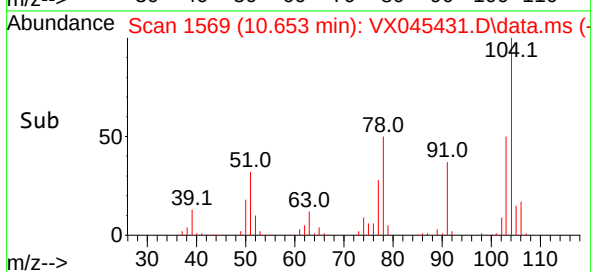
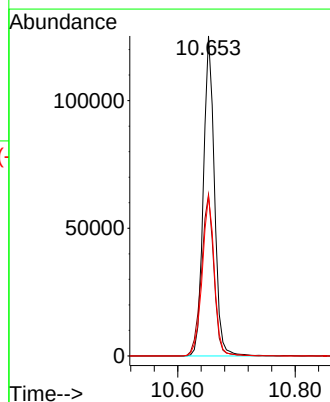
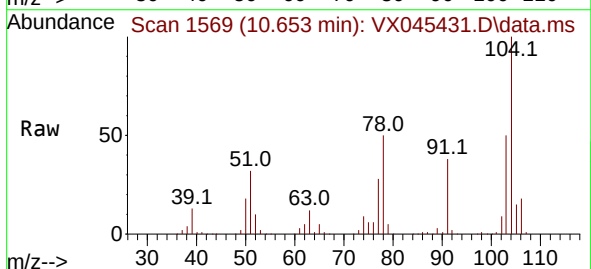
Manual Integrations
APPROVED

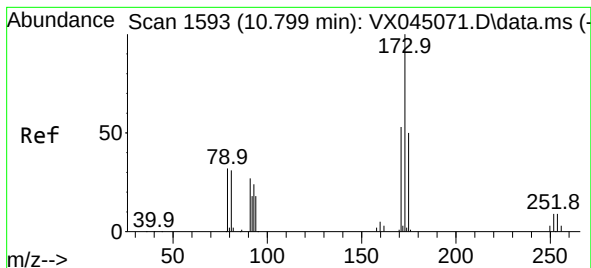
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#70
Styrene
Concen: 57.595 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Tgt Ion:104 Resp: 164378
Ion Ratio Lower Upper
104 100
78 56.8 42.2 63.4
103 54.8 43.8 65.8





#71

Bromoform

Concen: 57.503 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

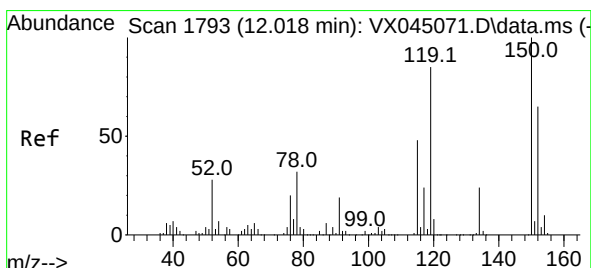
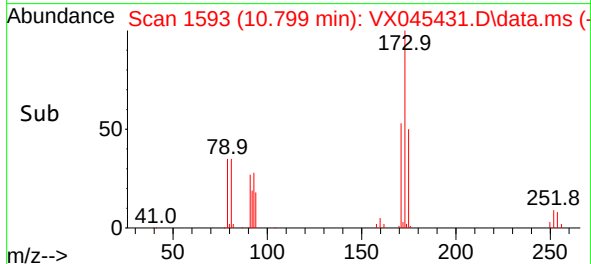
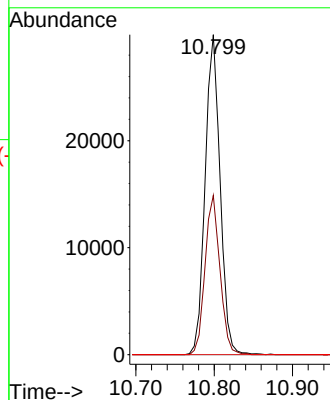
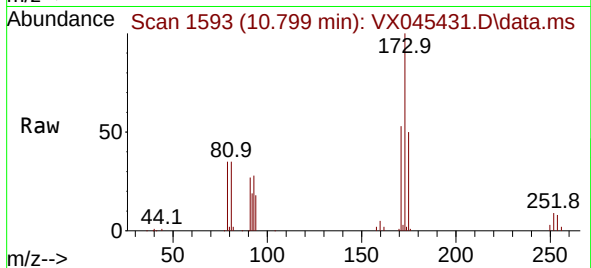
Tgt Ion:	173	Resp:	3959
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.6	73.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

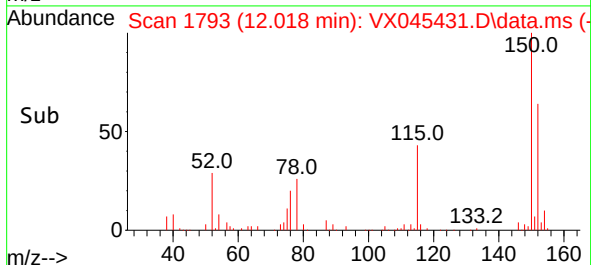
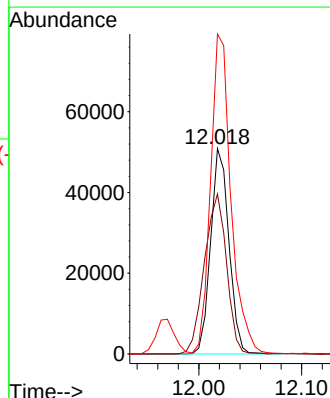
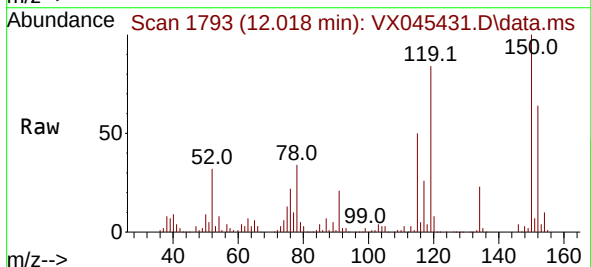
RT: 12.018 min Scan# 1793

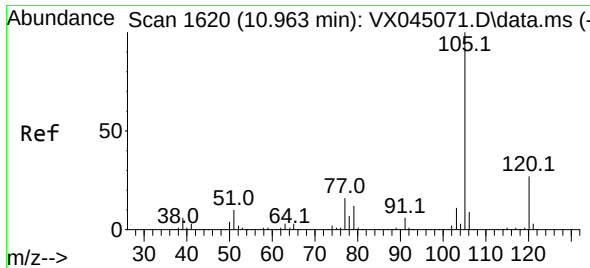
Delta R.T. -0.000 min

Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

Tgt Ion:	152	Resp:	63016
Ion Ratio	Lower	Upper	
152	100		
115	94.4	44.2	132.6
150	173.0	0.0	349.0





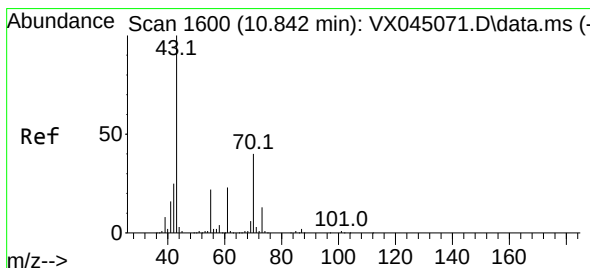
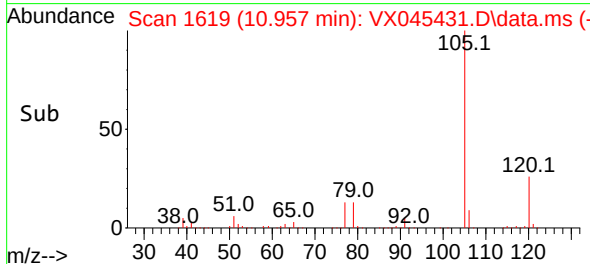
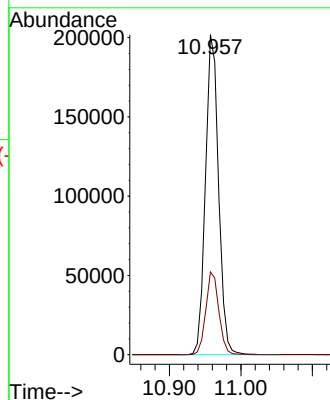
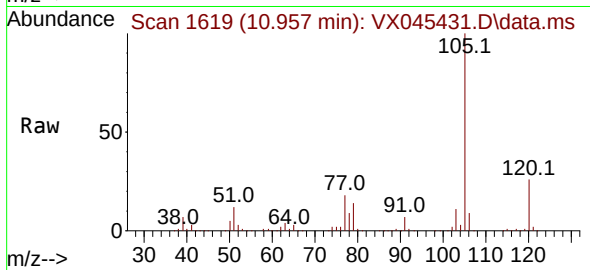
#73
Isopropylbenzene
Concen: 52.224 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 256869
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

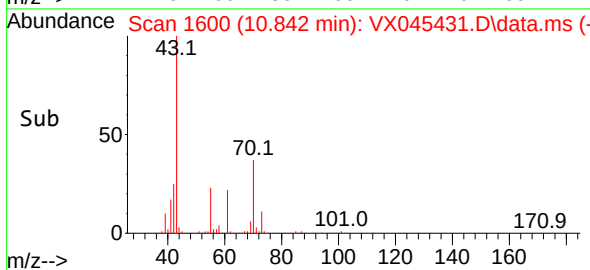
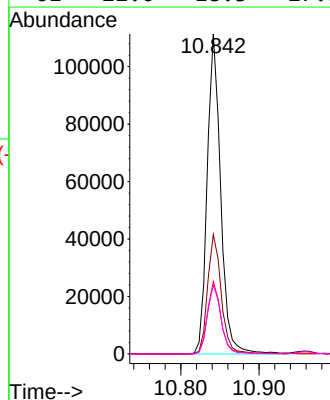
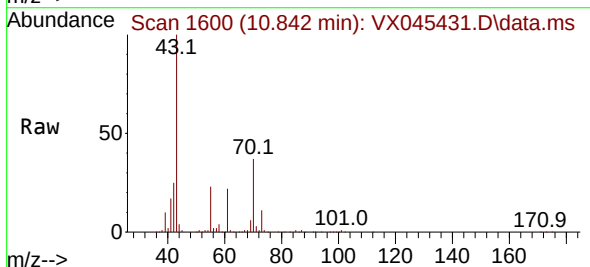
Manual Integrations
APPROVED

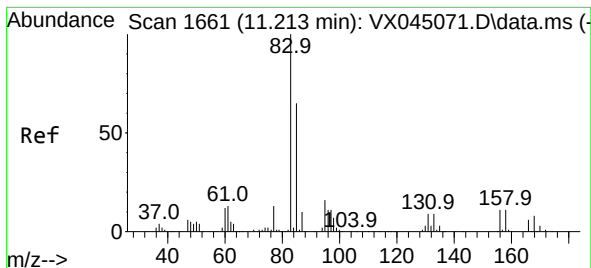
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#74
N-ethyl acetate
Concen: 57.592 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 43 Resp: 132920
Ion Ratio Lower Upper
43 100
70 38.1 31.8 47.6
55 23.0 18.3 27.5
61 22.0 18.3 27.5





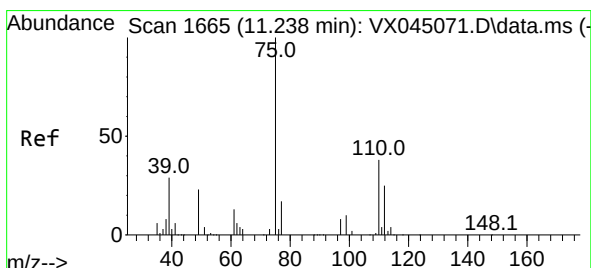
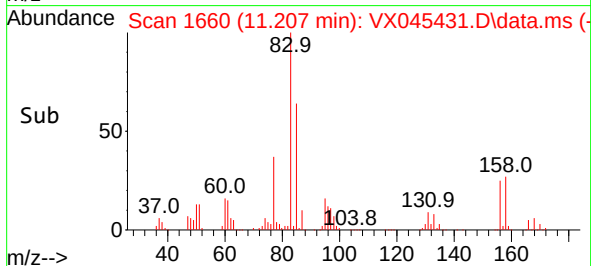
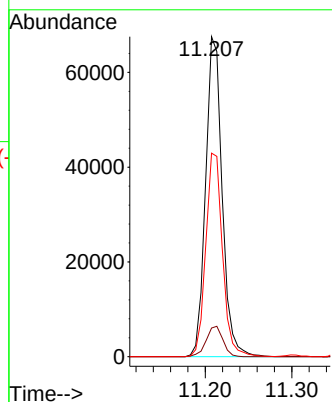
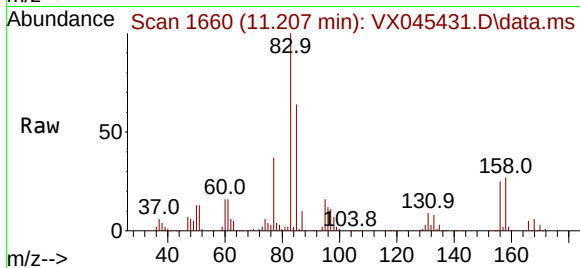
#75
1,1,2,2-Tetrachloroethane
Concen: 49.643 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8960
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.4
85 64.4 31.7 95.1

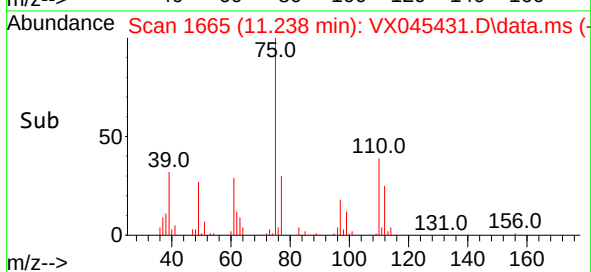
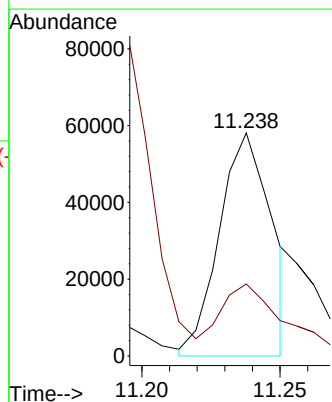
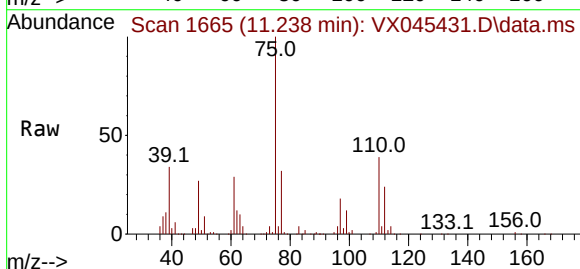
Manual Integrations
APPROVED

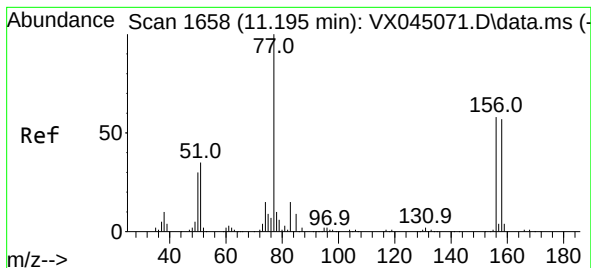
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#76
1,2,3-Trichloropropane
Concen: 51.715 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Tgt Ion: 75 Resp: 75851
Ion Ratio Lower Upper
75 100
77 40.6 20.7 62.1





#77

Bromobenzene

Concen: 49.647 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 57610

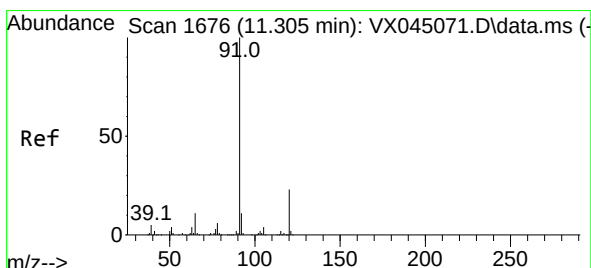
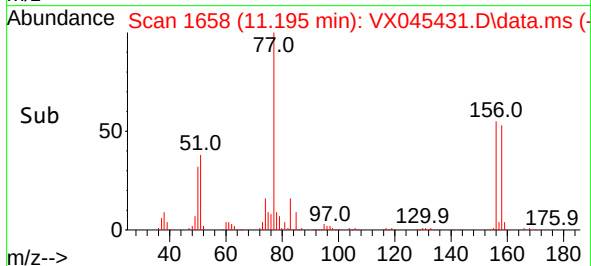
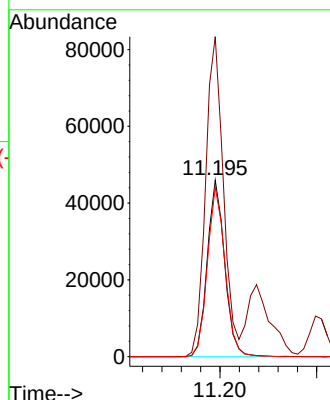
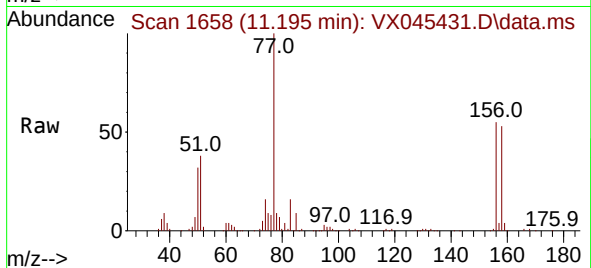
Ion	Ratio	Lower	Upper
156	100		
77	185.3	85.8	257.4
158	97.6	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#78

n-propylbenzene

Concen: 55.312 ug/l

RT: 11.299 min Scan# 1675

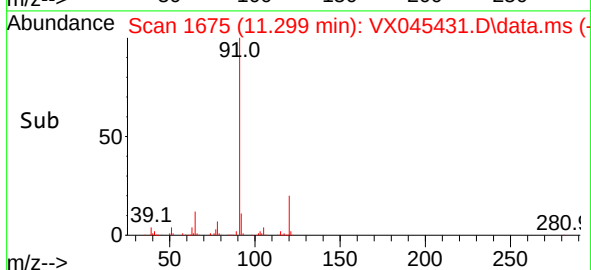
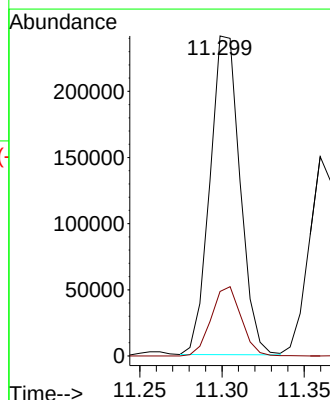
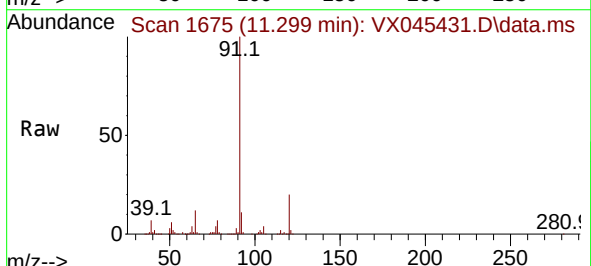
Delta R.T. -0.006 min

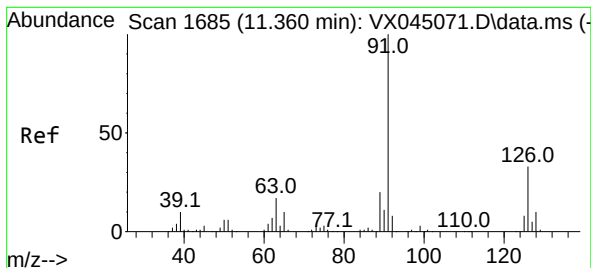
Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

Tgt Ion: 91 Resp: 307324

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.2	33.6





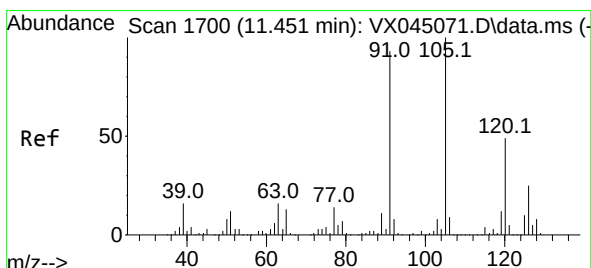
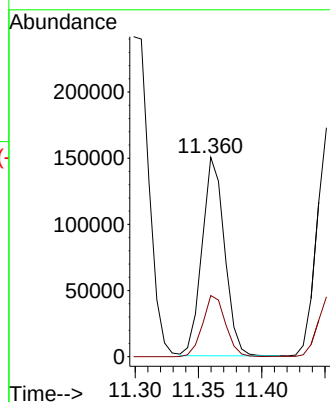
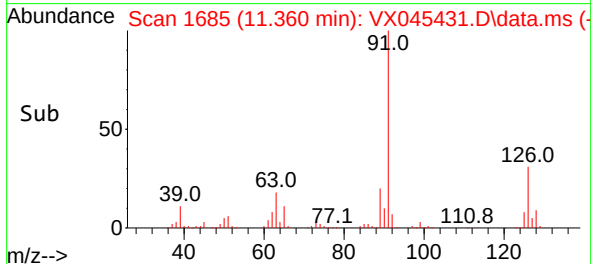
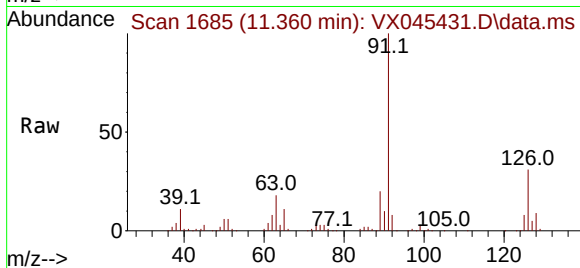
#79
2-Chlorotoluene
Concen: 52.637 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 186258
Ion Ratio Lower Upper
91 100
126 31.4 16.4 49.4

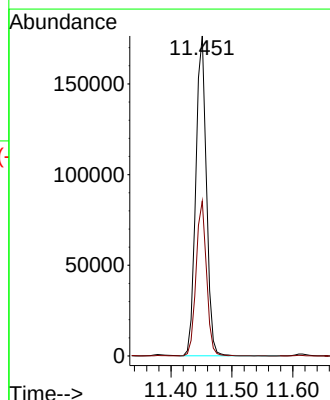
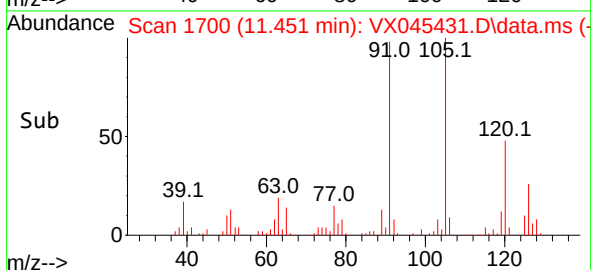
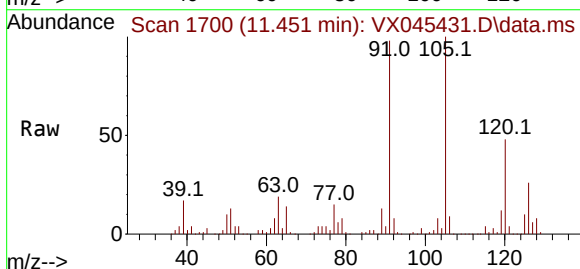
Manual Integrations
APPROVED

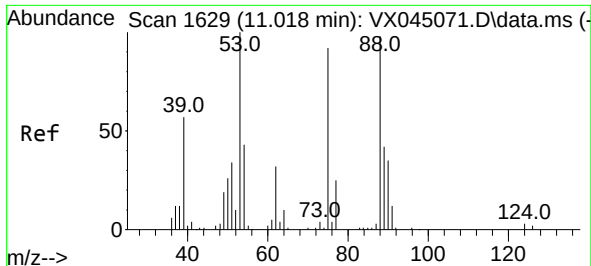
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.605 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

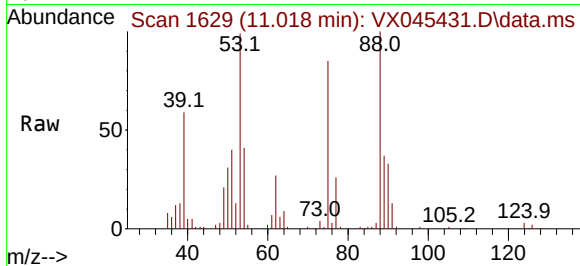
Tgt Ion:105 Resp: 213188
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 57.344 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

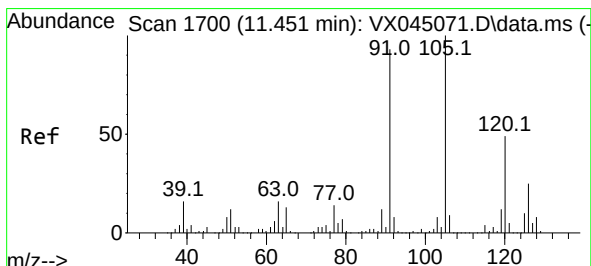
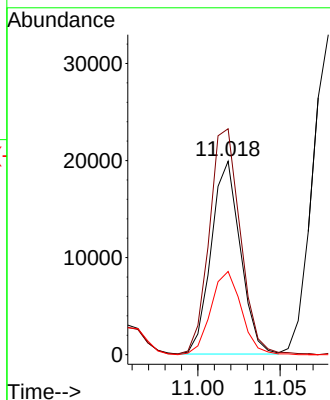
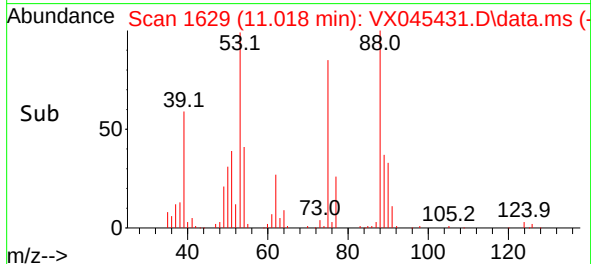
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



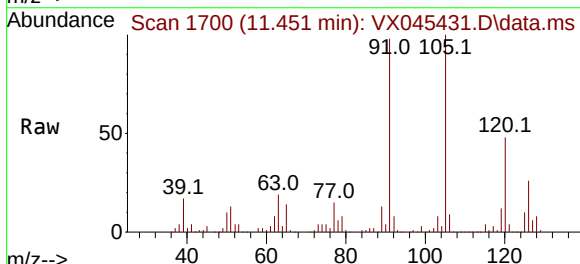
Tgt Ion: 75 Resp: 2457
Ion Ratio Lower Upper
75 100
53 124.7 88.5 132.7
89 45.0 36.2 54.4

Manual Integrations
APPROVED

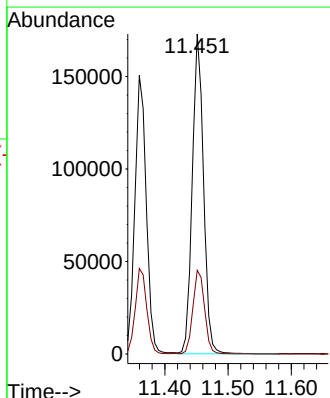
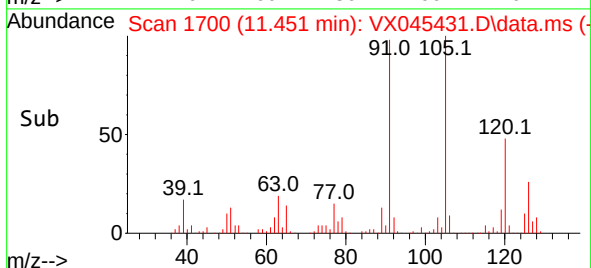
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

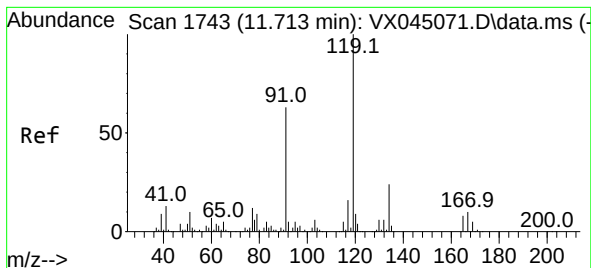


#82
4-Chlorotoluene
Concen: 55.350 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31



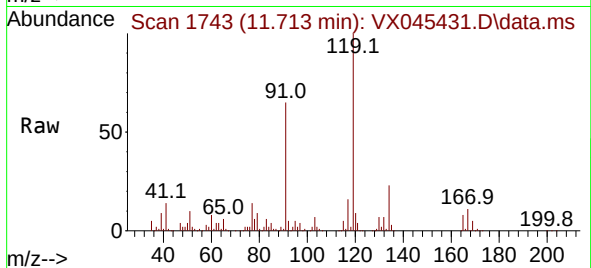
Tgt Ion: 91 Resp: 213457
Ion Ratio Lower Upper
91 100
126 27.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 53.053 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

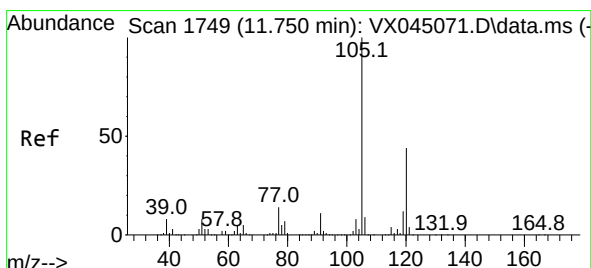
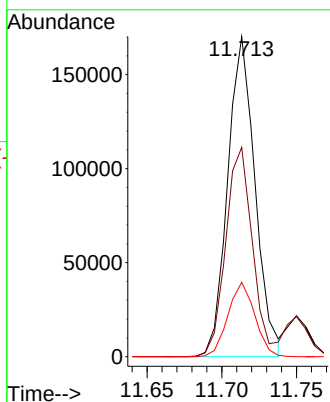
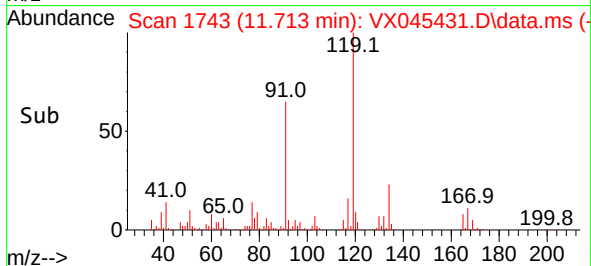
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



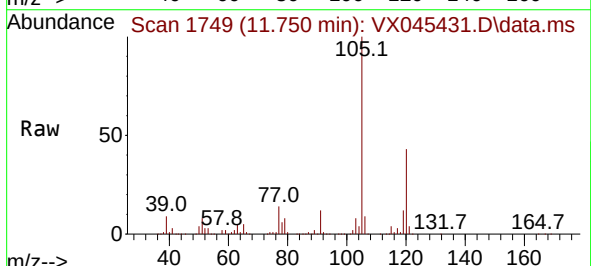
Tgt Ion:119 Resp: 216792
Ion Ratio Lower Upper
119 100
91 64.4 30.7 92.1
134 22.8 11.7 35.0

Manual Integrations
APPROVED

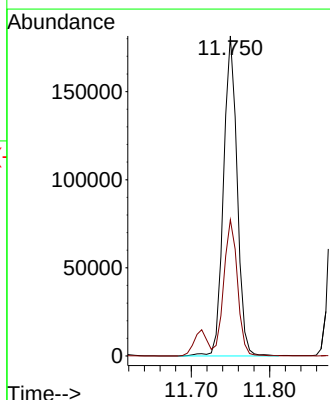
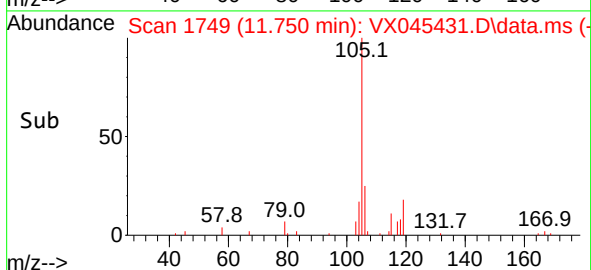
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

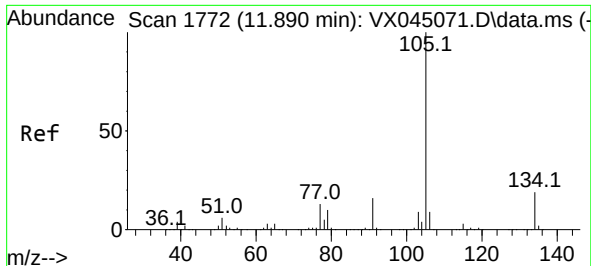


#84
1,2,4-Trimethylbenzene
Concen: 55.071 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31



Tgt Ion:105 Resp: 220378
Ion Ratio Lower Upper
105 100
120 42.6 22.1 66.1





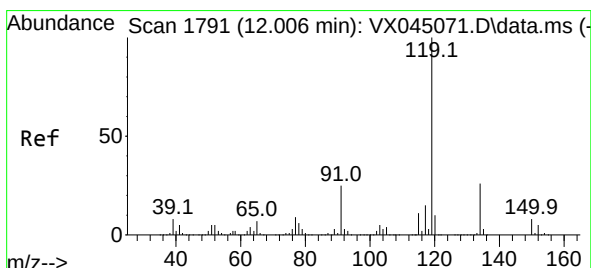
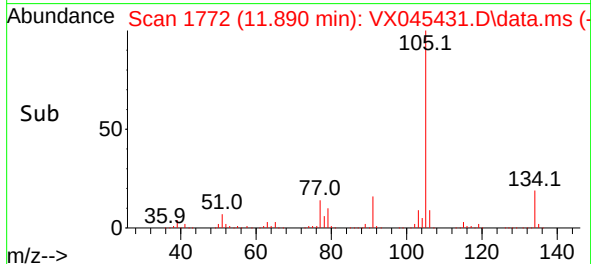
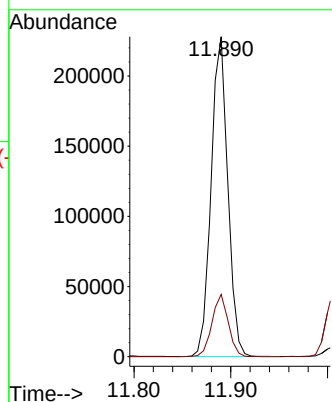
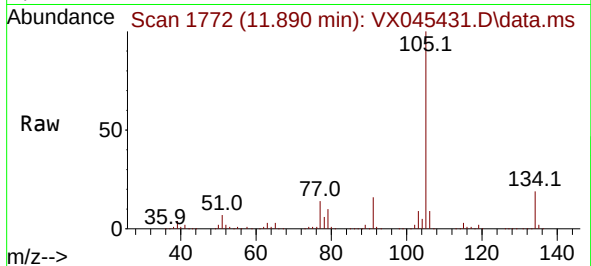
#85
 sec-Butylbenzene
 Concen: 55.742 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045431.D
 Acq: 25 Mar 2025 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 272850
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

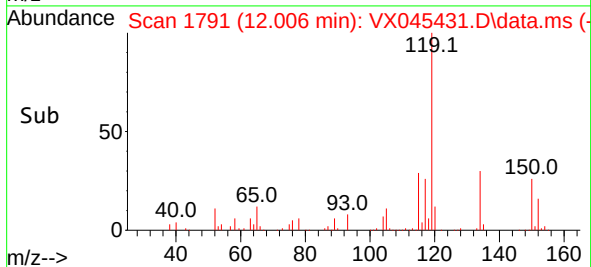
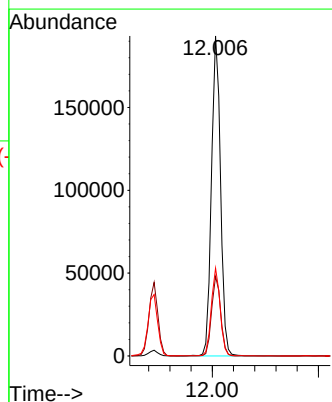
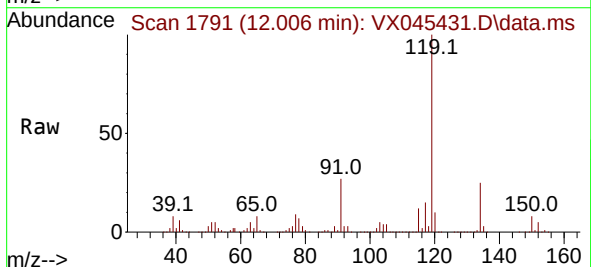
Manual Integrations
 APPROVED

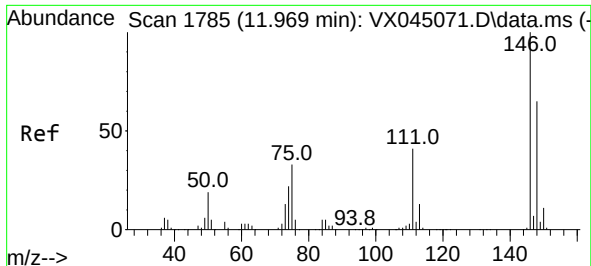
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#86
 p-Isopropyltoluene
 Concen: 57.799 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045431.D
 Acq: 25 Mar 2025 11:31

Tgt Ion:119 Resp: 228640
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.9 38.6
 91 26.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 53.426 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11060

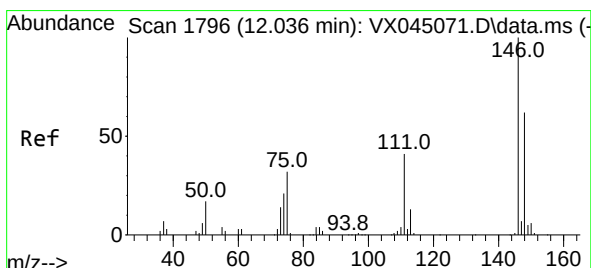
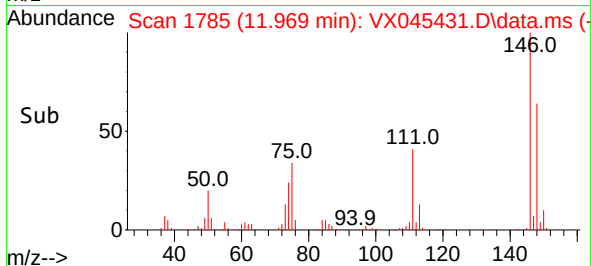
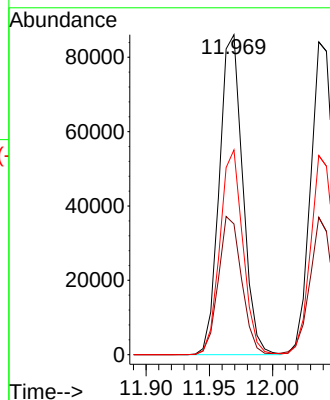
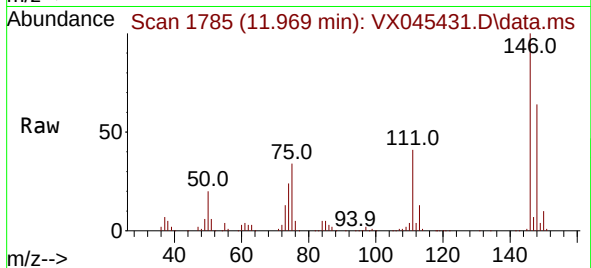
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.4
148	62.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#88

1,4-Dichlorobenzene

Concen: 52.095 ug/l

RT: 12.036 min Scan# 1796

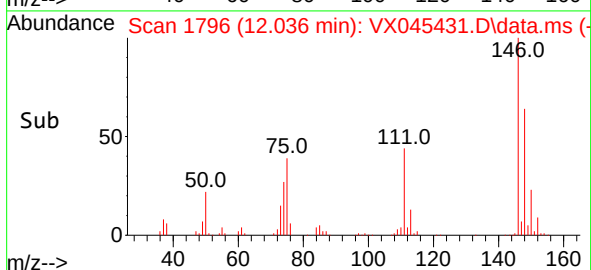
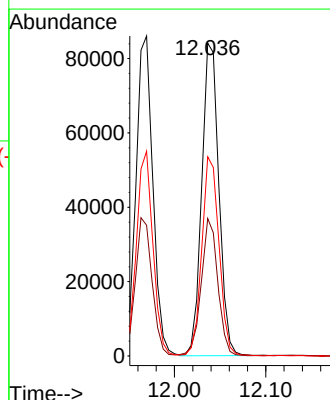
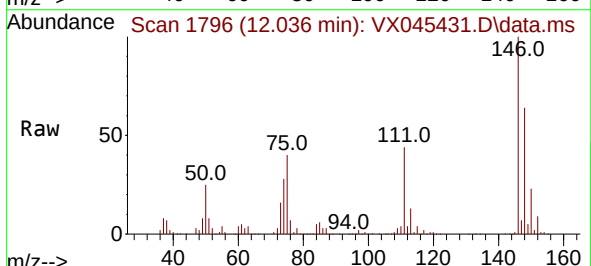
Delta R.T. -0.000 min

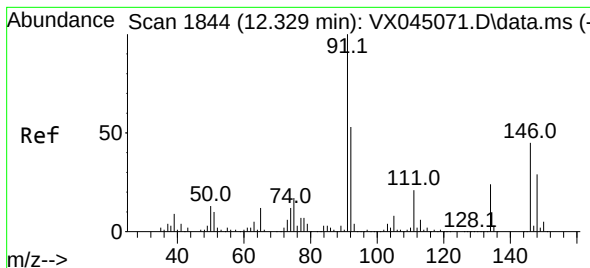
Lab File: VX045431.D

Acq: 25 Mar 2025 11:31

Tgt Ion:146 Resp: 109112

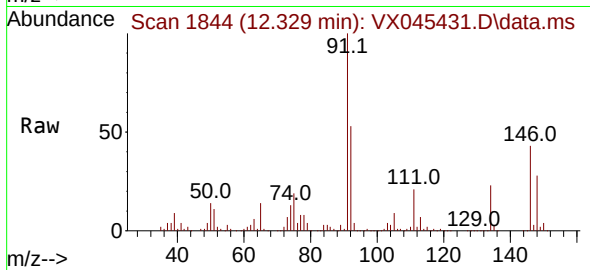
Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.2	60.5
148	64.0	31.9	95.9





#89
n-Butylbenzene
Concen: 61.782 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

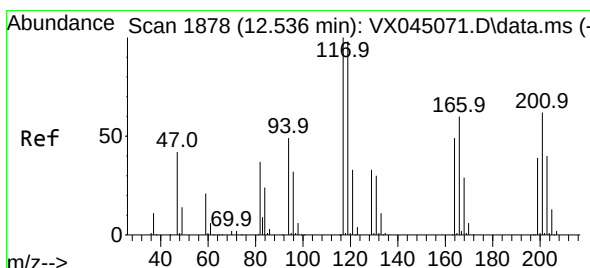
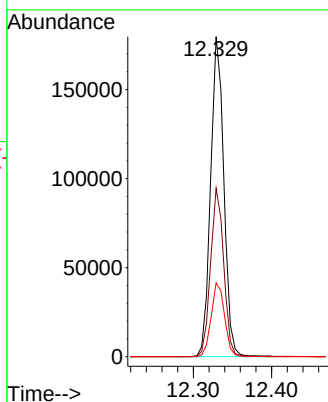
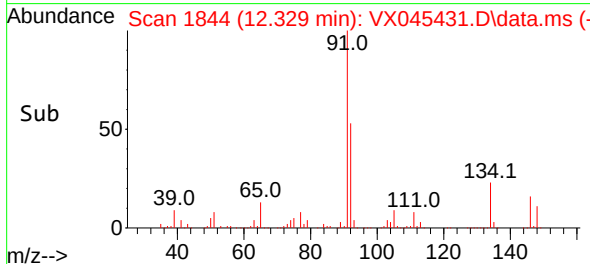
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 210489
Ion Ratio Lower Upper
91 100
92 52.3 26.7 80.0
134 23.4 12.2 36.6

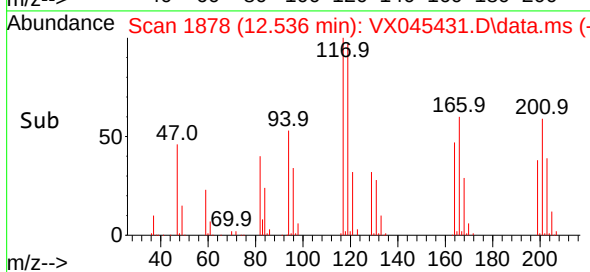
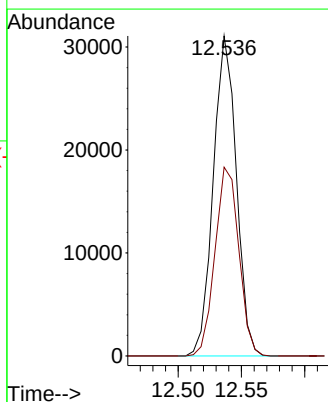
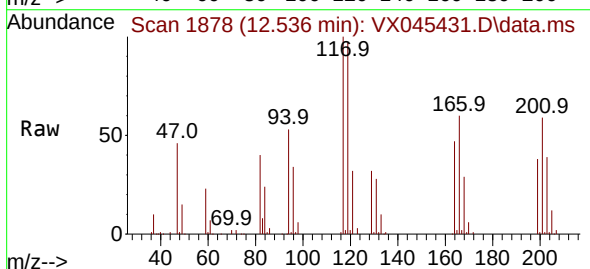
Manual Integrations
APPROVED

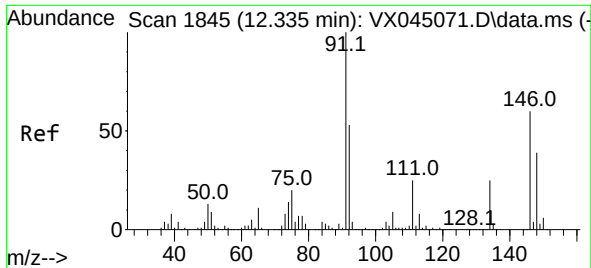
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#90
Hexachloroethane
Concen: 54.992 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

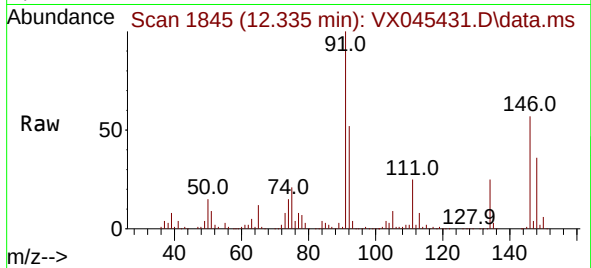
Tgt Ion:117 Resp: 39347
Ion Ratio Lower Upper
117 100
201 61.0 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 52.598 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

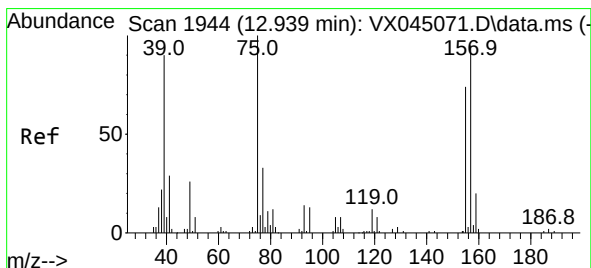
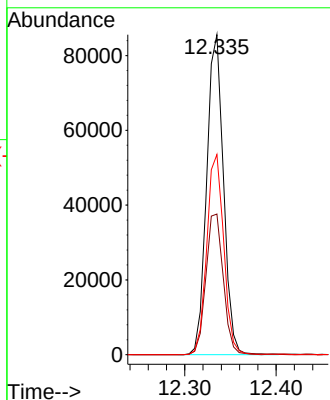
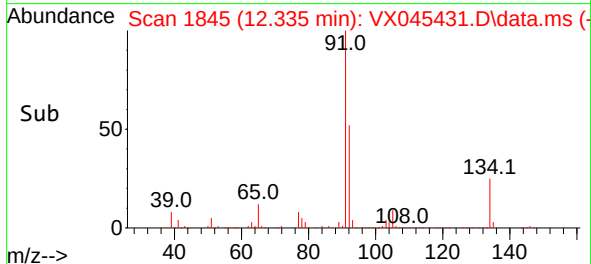
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



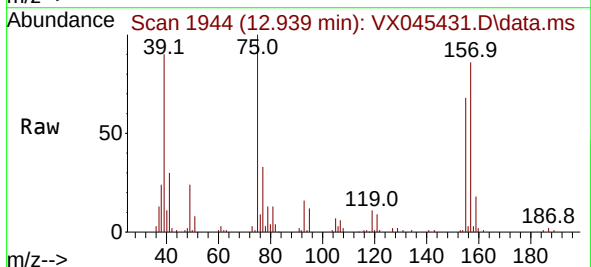
Tgt Ion:146 Resp: 10923
Ion Ratio Lower Upper
146 100
111 45.5 21.6 65.0
148 63.2 31.9 95.9

Manual Integrations
APPROVED

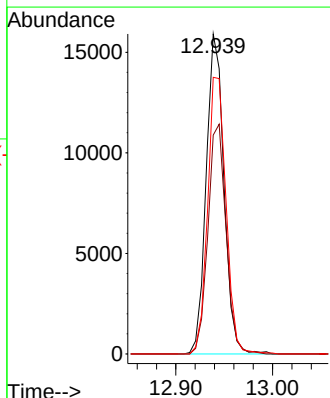
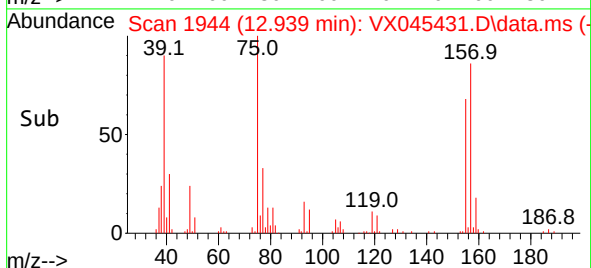
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

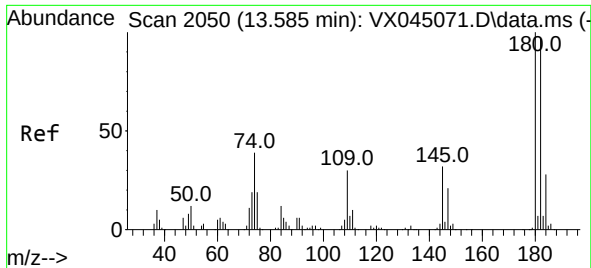


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.847 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31



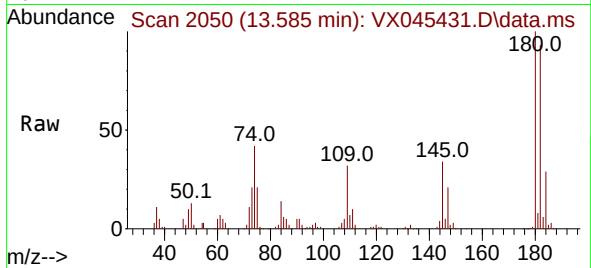
Tgt Ion: 75 Resp: 20341
Ion Ratio Lower Upper
75 100
155 73.1 39.6 118.7
157 89.5 51.1 153.4





#93
 1,2,4-Trichlorobenzene
 Concen: 55.783 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX045431.D
 Acq: 25 Mar 2025 11:31

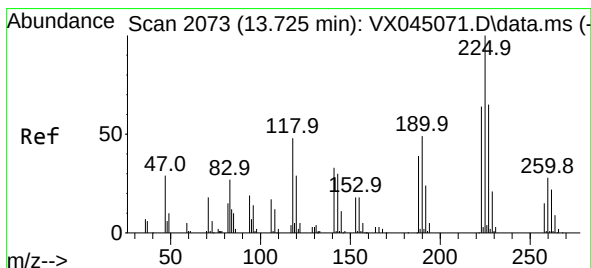
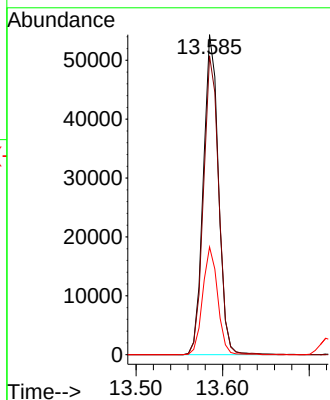
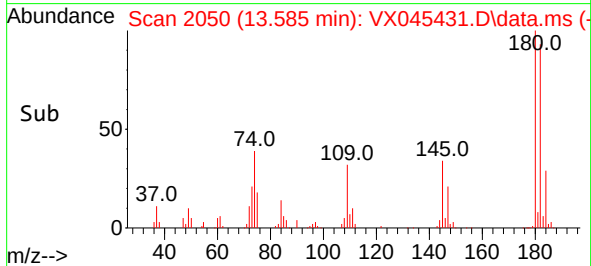
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



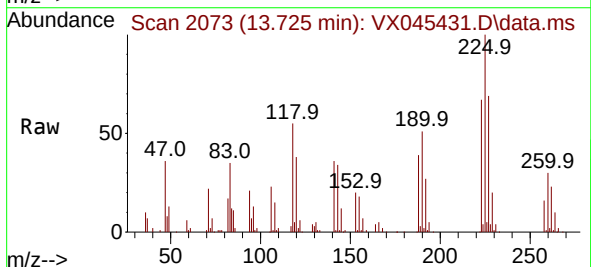
Tgt Ion:180 Resp: 6596
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 141.9
 145 33.2 16.3 48.9

Manual Integrations
 APPROVED

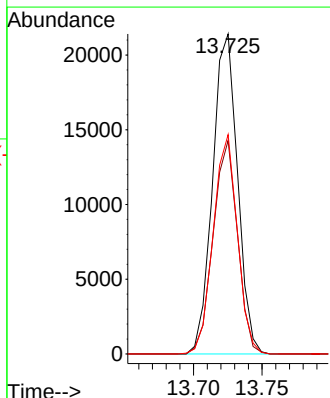
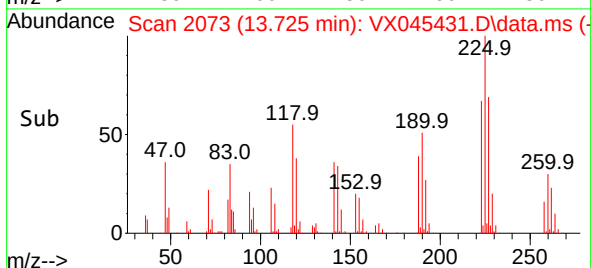
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

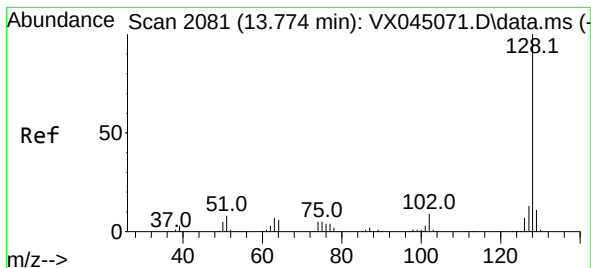


#94
 Hexachlorobutadiene
 Concen: 55.799 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX045431.D
 Acq: 25 Mar 2025 11:31



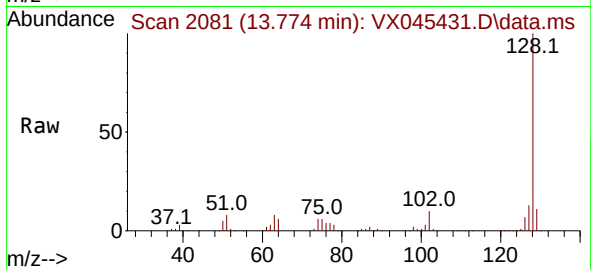
Tgt Ion:225 Resp: 27052
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.9 95.7
 227 66.4 31.4 94.0





#95
Naphthalene
Concen: 53.764 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31

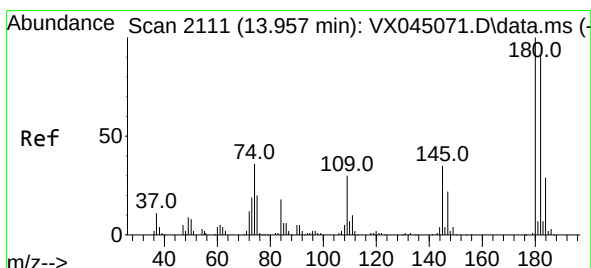
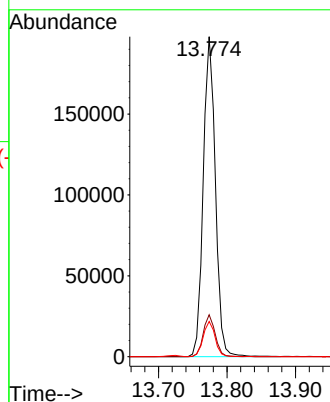
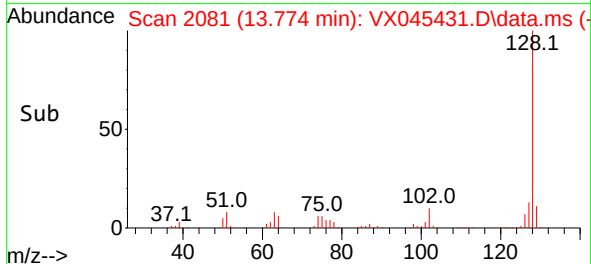
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



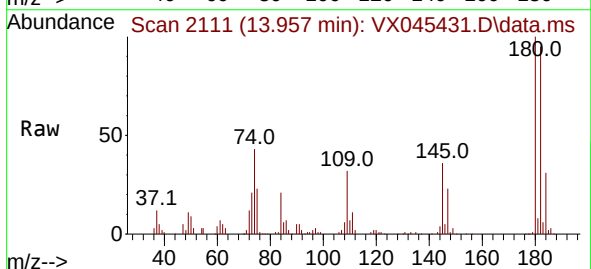
Tgt Ion:128 Resp: 24427
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.935 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045431.D
Acq: 25 Mar 2025 11:31



Tgt Ion:180 Resp: 66037
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 36.0 17.0 50.9

