

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045073.D
 Acq On : 28 Feb 2025 03:47
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 28 05:36:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 05:28:02 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67685	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	234624	165.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 331.740%#			
35) Dibromofluoromethane	5.379	113	179722	155.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 310.720%#			
50) Toluene-d8	8.647	98	638979	147.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 295.080%#			
62) 4-Bromofluorobenzene	11.079	95	223346	154.420	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 308.840%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	174297	132.067	ug/l	96
3) Chloromethane	1.307	50	213704	133.072	ug/l	97
4) Vinyl Chloride	1.374	62	217672	138.774	ug/l	97
5) Bromomethane	1.593	94	83547	170.379	ug/l	98
6) Chloroethane	1.660	64	82101	137.509	ug/l	95
7) Trichlorofluoromethane	1.861	101	272235	135.494	ug/l	98
8) Diethyl Ether	2.136	74	110005	150.660	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	161825	134.877	ug/l	99
10) Methyl Iodide	2.441	142	212355	138.059	ug/l	99
11) Tert butyl alcohol	3.014	59	195415	754.176	ug/l	97
12) 1,1-Dichloroethene	2.300	96	173271	140.655	ug/l	96
13) Acrolein	2.239	56	263999	940.846	ug/l	98
14) Allyl chloride	2.654	41	308018	139.077	ug/l	98
15) Acrylonitrile	3.069	53	573208	813.990	ug/l	99
16) Acetone	2.392	43	511828	879.387	ug/l	100
17) Carbon Disulfide	2.495	76	487720	145.511	ug/l	98
18) Methyl Acetate	2.709	43	258303	147.347	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	619778	157.358	ug/l	99
20) Methylene Chloride	2.782	84	202913	147.198	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	176924	146.027	ug/l	98
22) Diisopropyl ether	3.764	45	662828	156.526	ug/l	98
23) Vinyl Acetate	3.721	43	2943150	846.586	ug/l	99
24) 1,1-Dichloroethane	3.605	63	363081	153.453	ug/l	99
25) 2-Butanone	4.568	43	818497	872.239	ug/l	99
26) 2,2-Dichloropropane	4.465	77	179826	102.231	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	220826	151.205	ug/l	98
28) Bromochloromethane	4.891	49	171273	150.105	ug/l	100
29) Tetrahydrofuran	5.007	42	528574	850.174	ug/l	99
30) Chloroform	5.093	83	351934	152.067	ug/l	97
31) Cyclohexane	5.458	56	302215	139.174	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	294434	151.120	ug/l	100
36) 1,1-Dichloropropene	5.684	75	241405	145.112	ug/l	100
37) Ethyl Acetate	4.721	43	316250	167.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	245917	150.363	ug/l	99
39) Methylcyclohexane	7.373	83	292216	137.544	ug/l	97
40) Benzene	6.031	78	755854	145.368	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	175023	173.088	ug/l	99
42) 1,2-Dichloroethane	6.080	62	276129	163.872	ug/l	99
43) Isopropyl Acetate	6.342	43	511643	169.804	ug/l	99
44) Trichloroethene	7.123	130	178483	150.181	ug/l	97
45) 1,2-Dichloropropane	7.428	63	198135	153.334	ug/l	100
46) Dibromomethane	7.580	93	142119	157.443	ug/l	99
47) Bromodichloromethane	7.818	83	280255	160.492	ug/l	99
48) Methyl methacrylate	7.696	41	252275	176.370	ug/l	99
49) 1,4-Dioxane	7.665	88	96268	3166.423	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1536157	832.051	ug/l	99
52) Toluene	8.714	92	448664	145.321	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	266444	154.373	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	293521	152.117	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	178217	149.046	ug/l	98
56) Ethyl methacrylate	9.116	69	310992	162.631	ug/l	98
57) 1,3-Dichloropropane	9.305	76	312196	149.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	717328	764.019	ug/l	99
59) 2-Hexanone	9.433	43	1156653	868.492	ug/l	100
60) Dibromochloromethane	9.519	129	201906	158.276	ug/l	99
61) 1,2-Dibromoethane	9.610	107	185828	154.074	ug/l	100
64) Tetrachloroethene	9.269	164	139536	145.906	ug/l	94
65) Chlorobenzene	10.079	112	472117	146.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	163370	156.845	ug/l	97
67) Ethyl Benzene	10.189	91	852575	149.191	ug/l	99
68) m/p-Xylenes	10.299	106	607523	288.655	ug/l	97
69) o-Xylene	10.640	106	302495	143.259	ug/l	99
70) Styrene	10.653	104	512379	150.979	ug/l	99
71) Bromoform	10.799	173	135388	174.808	ug/l #	99
73) Isopropylbenzene	10.963	105	780706	142.719	ug/l	99
74) N-amyl acetate	10.842	43	429686	173.042	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	283558	150.458	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	229435m	151.960	ug/l	
77) Bromobenzene	11.195	156	180997	145.760	ug/l	96
78) n-propylbenzene	11.305	91	923593	146.395	ug/l	99
79) 2-Chlorotoluene	11.366	91	548695	141.695	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	635832	143.293	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	82267	147.761	ug/l	98
82) 4-Chlorotoluene	11.451	91	627816	146.464	ug/l	99
83) tert-Butylbenzene	11.713	119	641713	142.974	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	647248	148.135	ug/l	100
85) sec-Butylbenzene	11.890	105	807713	145.383	ug/l	100
86) p-Isopropyltoluene	12.006	119	664916	149.075	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	334751	147.488	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	333594	145.189	ug/l	99
89) n-Butylbenzene	12.329	91	620757	158.324	ug/l	99
90) Hexachloroethane	12.536	117	128582	154.554	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	329318	147.436	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64958	186.240	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	219313	162.416	ug/l	99
94) Hexachlorobutadiene	13.725	225	80241	149.034	ug/l	99
95) Naphthalene	13.774	128	828949	168.538	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	222608	162.727	ug/l	99

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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
VSTDICC150

Manual Integrations
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QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

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

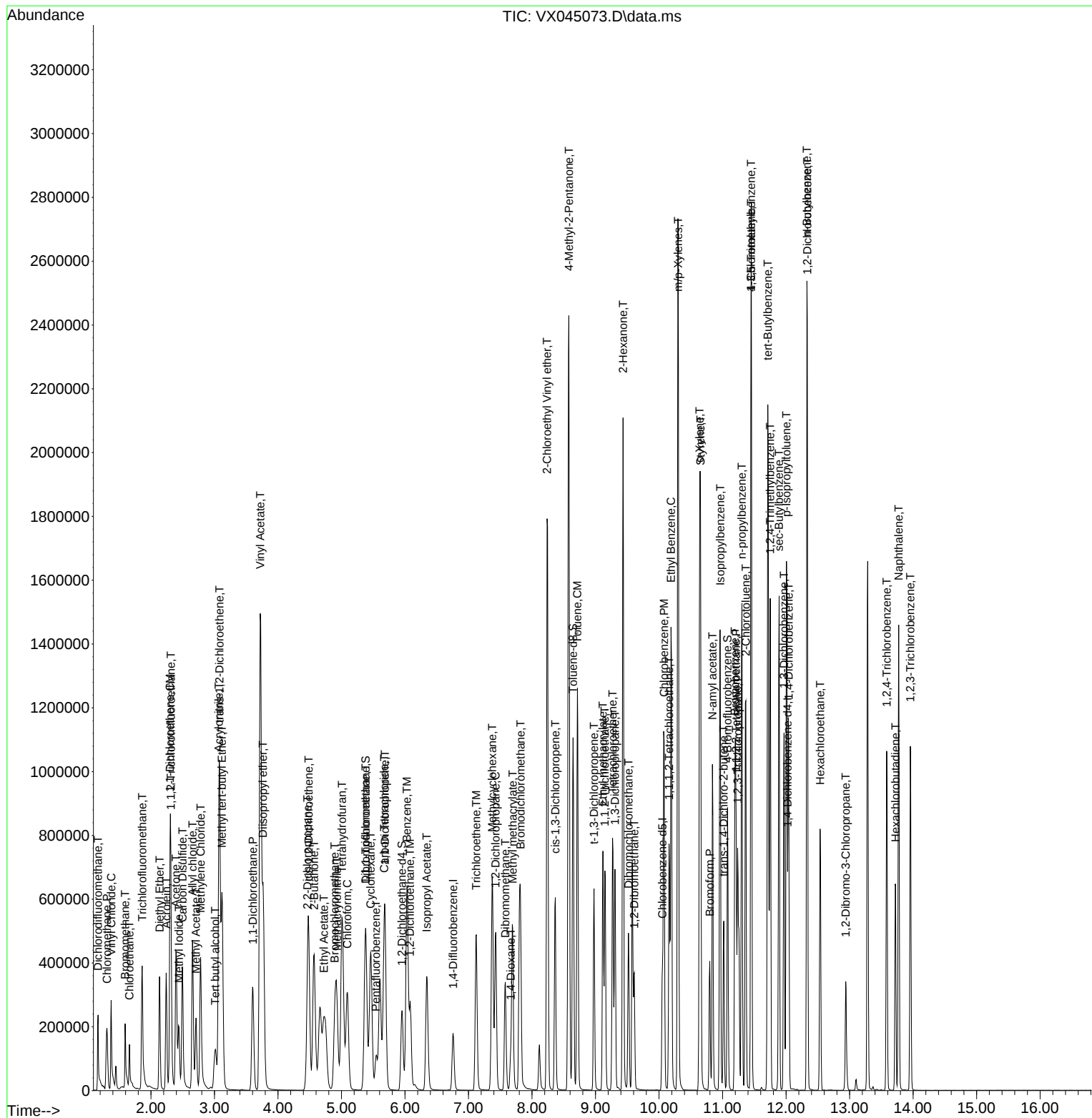
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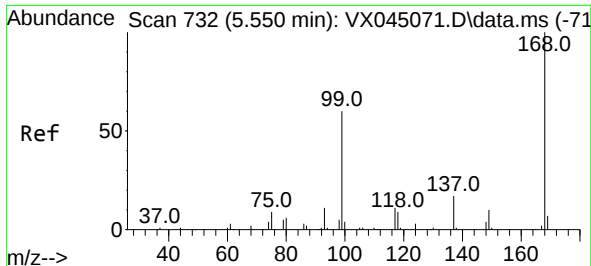
Instrument :
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ClientSampleId :
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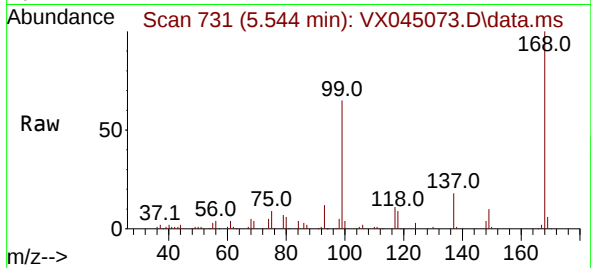
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045073.D
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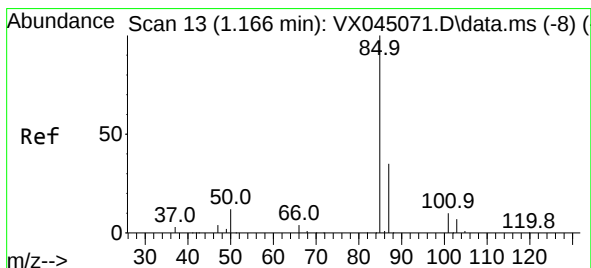
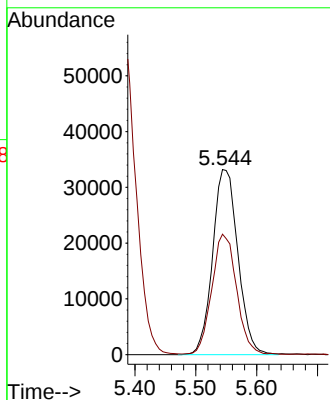
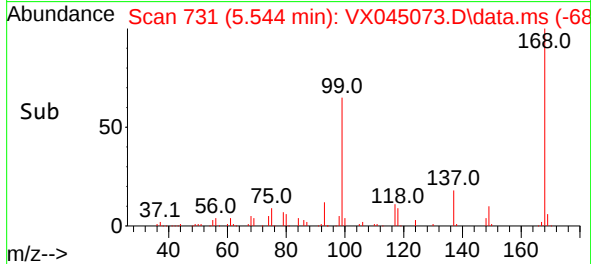
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



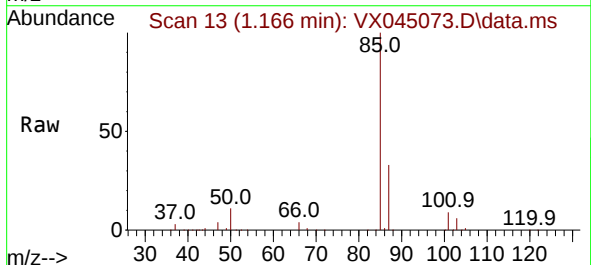
Tgt Ion:168 Resp: 95754
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4

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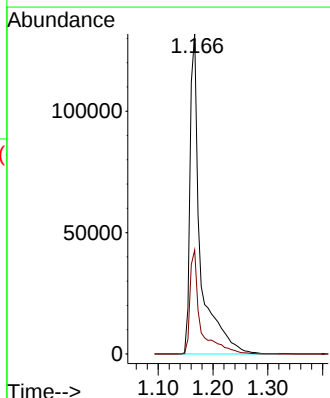
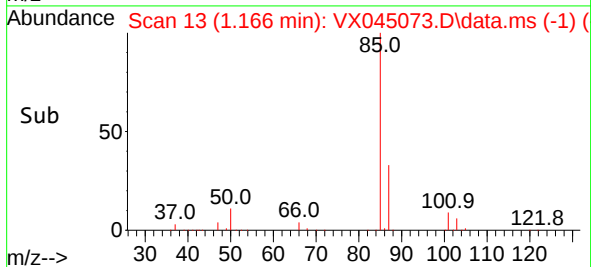
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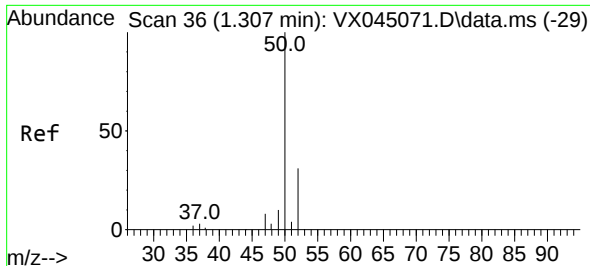


#2
Dichlorodifluoromethane
Concen: 132.067 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



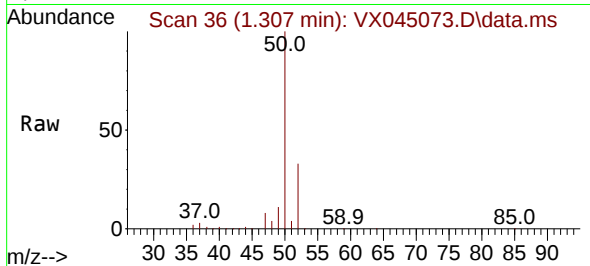
Tgt Ion: 85 Resp: 174297
Ion Ratio Lower Upper
85 100
87 32.5 17.4 52.3





#3
Chloromethane
Concen: 133.072 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

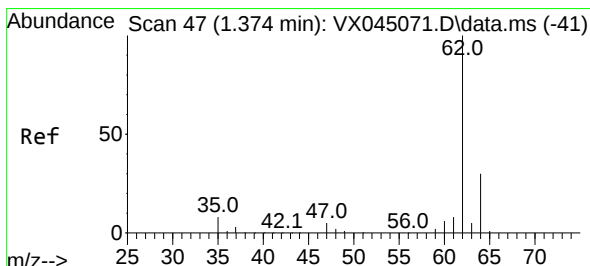
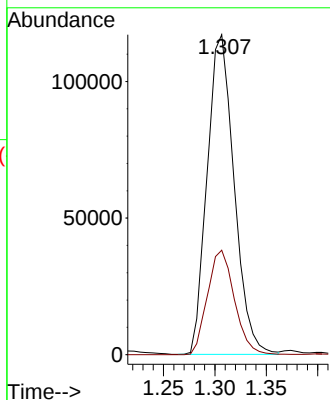
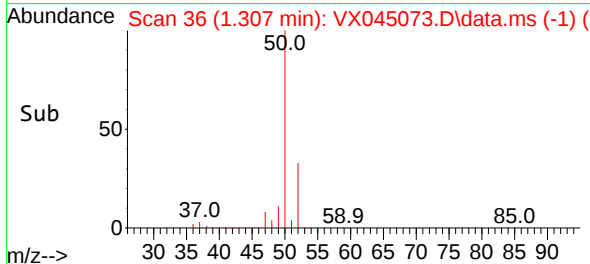
Instrument :
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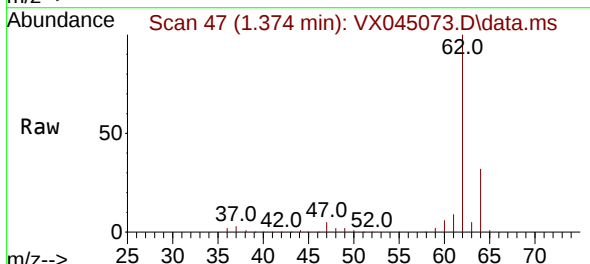
Tgt Ion: 50 Resp: 213704
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

Manual Integrations
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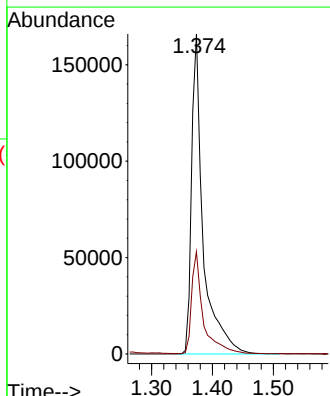
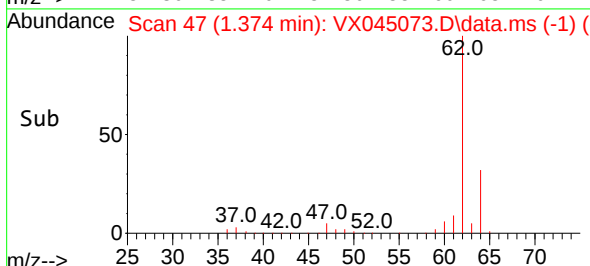
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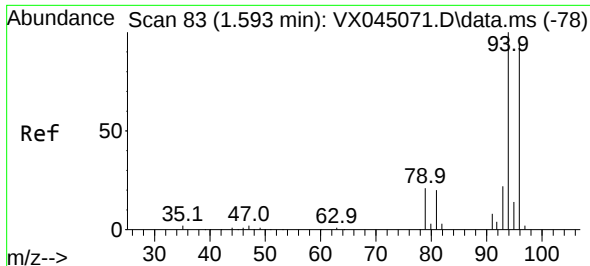


#4
Vinyl Chloride
Concen: 138.774 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



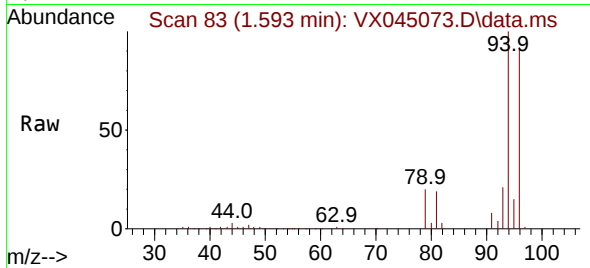
Tgt Ion: 62 Resp: 217672
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5





#5
Bromomethane
Concen: 170.379 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

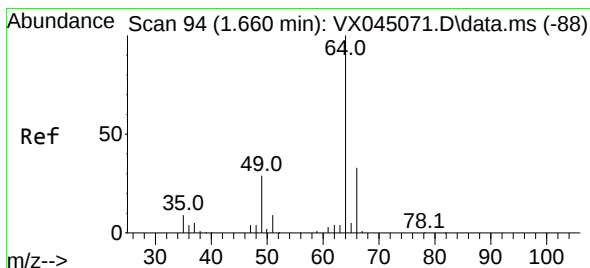
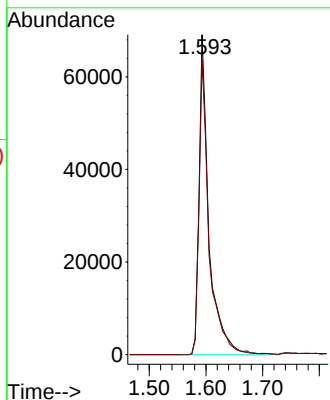
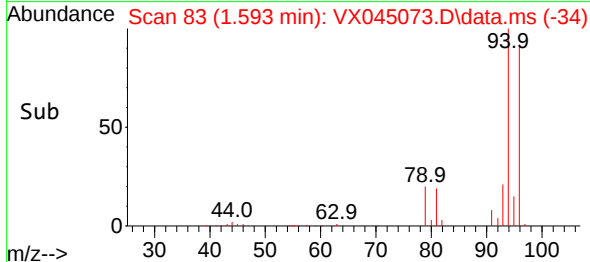
Instrument :
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Tgt Ion: 94 Resp: 8354
Ion Ratio Lower Upper
94 100
96 92.2 75.0 112.4

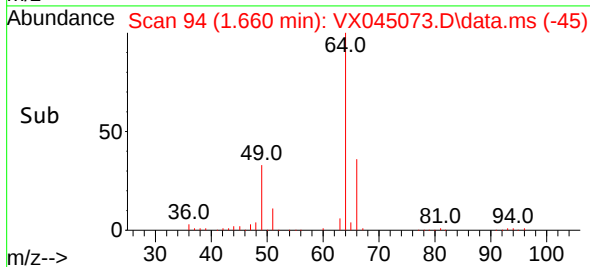
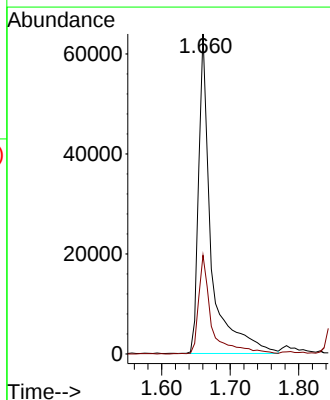
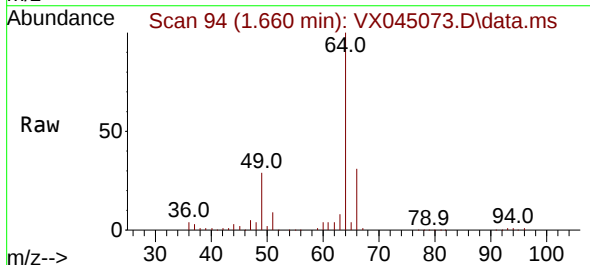
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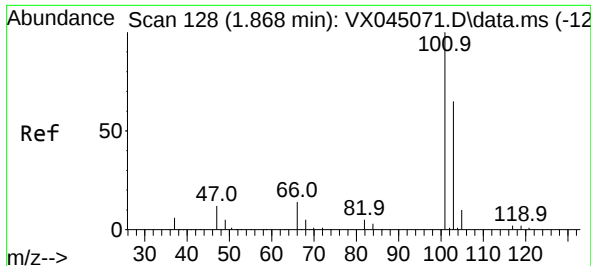
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#6
Chloroethane
Concen: 137.509 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

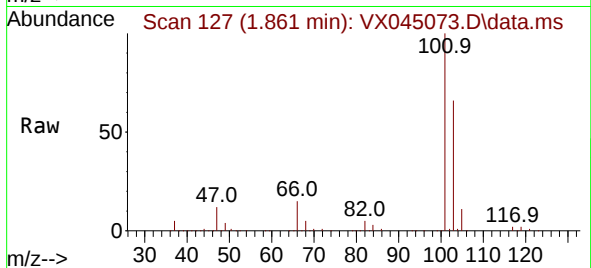
Tgt Ion: 64 Resp: 82101
Ion Ratio Lower Upper
64 100
66 30.8 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 135.494 ug/l
 RT: 1.861 min Scan# 101
 Delta R.T. -0.006 min
 Lab File: VX045073.D
 Acq: 28 Feb 2025 03:47

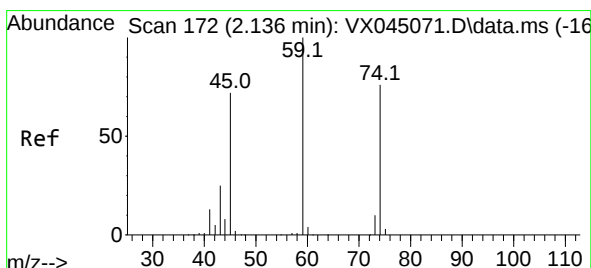
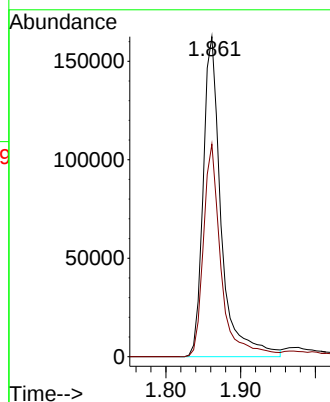
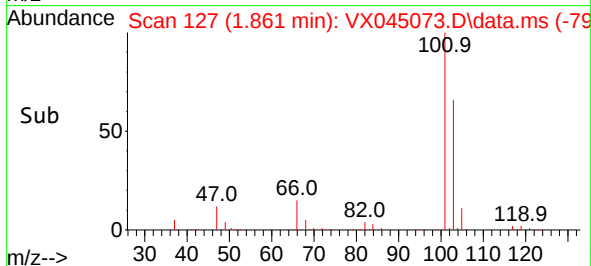
Instrument :
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Tgt Ion:101 Resp: 272235
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.1 78.1

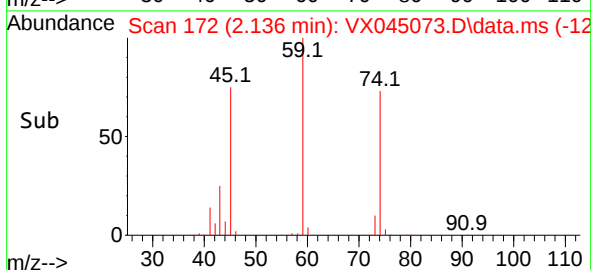
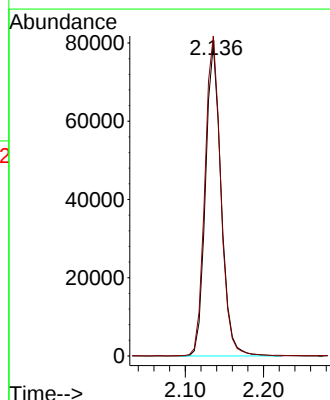
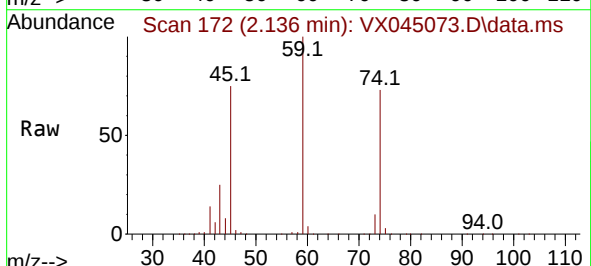
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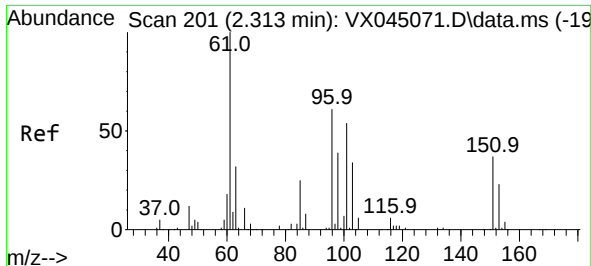
Reviewed By :John Carlone 02/28/2025
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#8
 Diethyl Ether
 Concen: 150.660 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX045073.D
 Acq: 28 Feb 2025 03:47

Tgt Ion: 74 Resp: 110005
 Ion Ratio Lower Upper
 74 100
 45 104.9 51.5 154.5





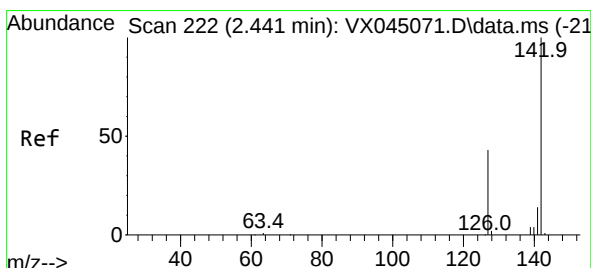
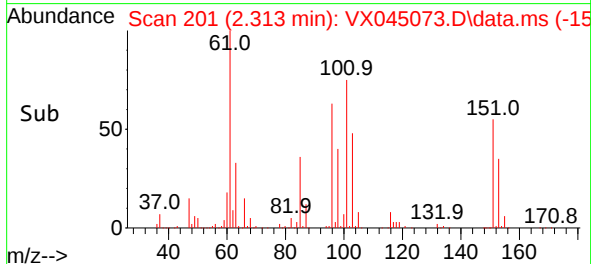
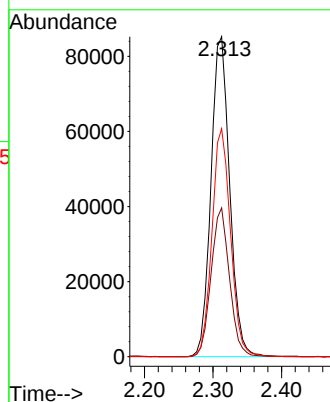
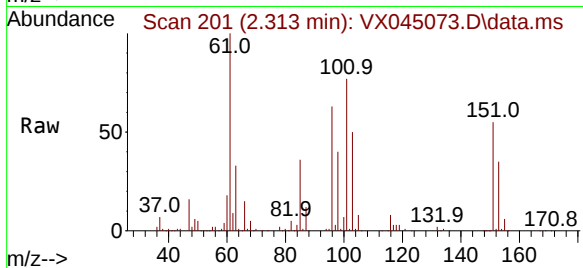
#9
1,1,2-Trichlorotrifluoroethane
Concen: 134.877 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 161825
Ion Ratio Lower Upper
101 100
85 45.8 36.2 54.4
151 70.8 56.4 84.6

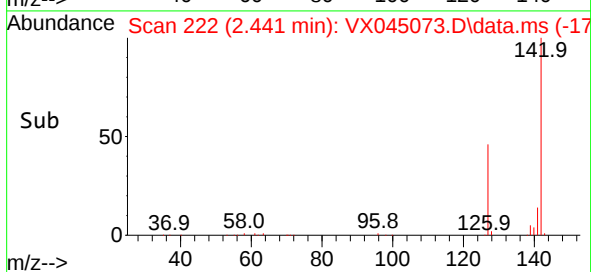
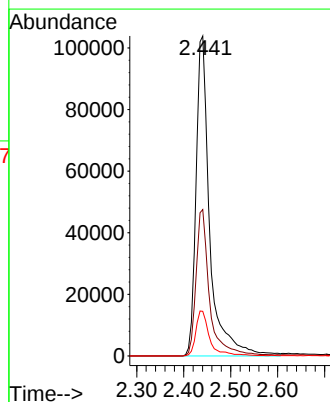
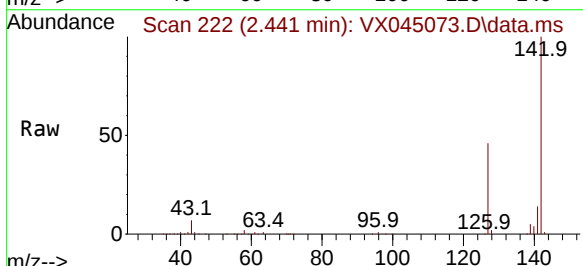
Manual Integrations
APPROVED

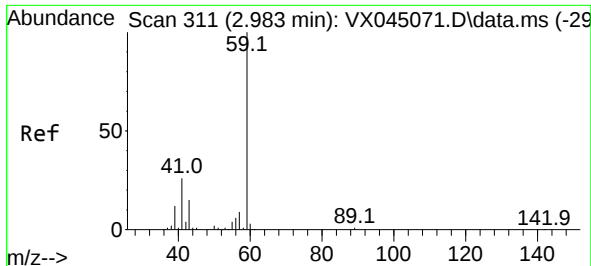
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#10
Methyl Iodide
Concen: 138.059 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:142 Resp: 212355
Ion Ratio Lower Upper
142 100
127 45.2 35.4 53.2
141 14.3 11.6 17.4





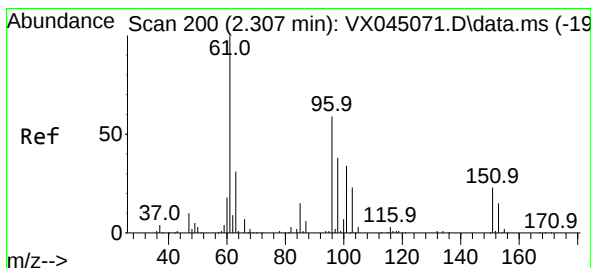
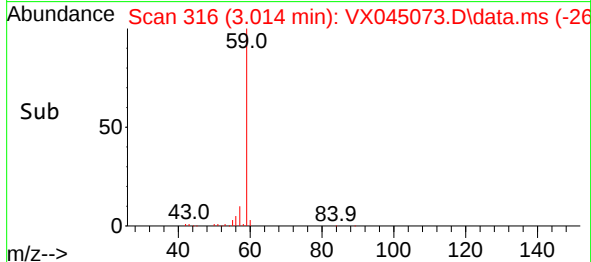
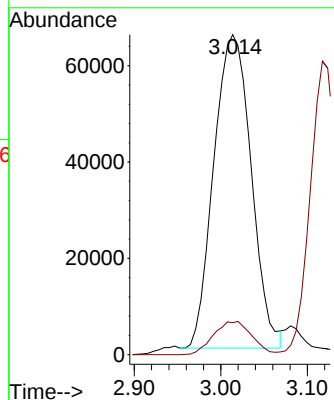
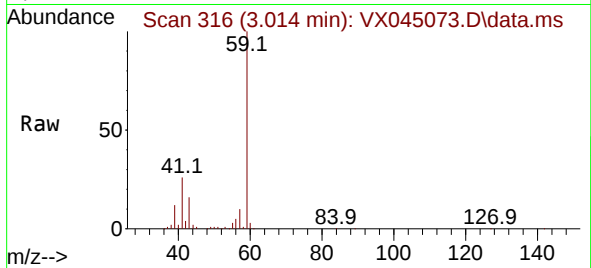
#11
Tert butyl alcohol
Concen: 754.176 ug/l
RT: 3.014 min Scan# 311
Delta R.T. 0.030 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 19541
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.8

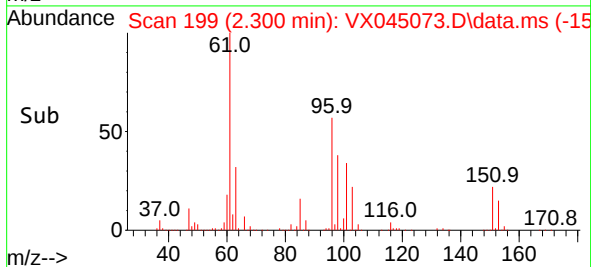
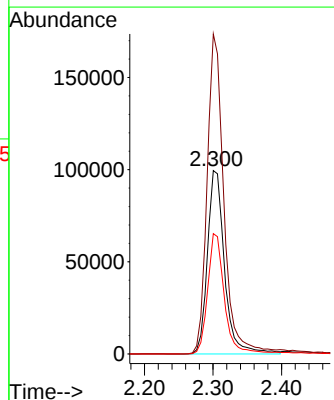
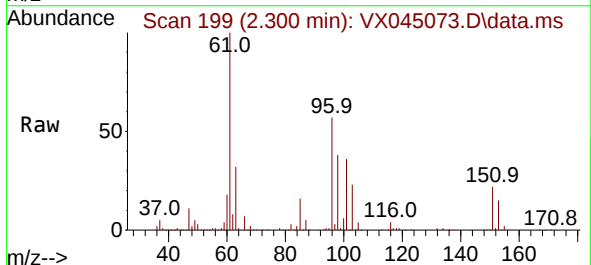
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#12
1,1-Dichloroethene
Concen: 140.655 ug/l
RT: 2.300 min Scan# 199
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 96 Resp: 173271
Ion Ratio Lower Upper
96 100
61 174.5 134.6 202.0
98 65.6 51.0 76.6





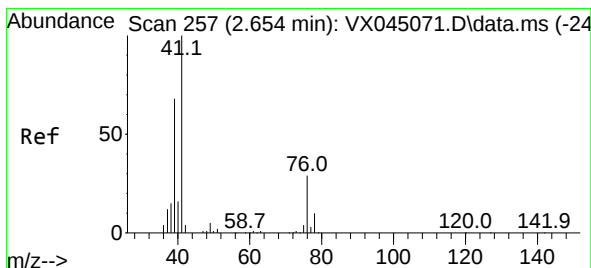
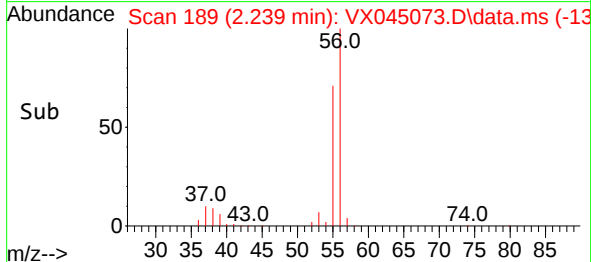
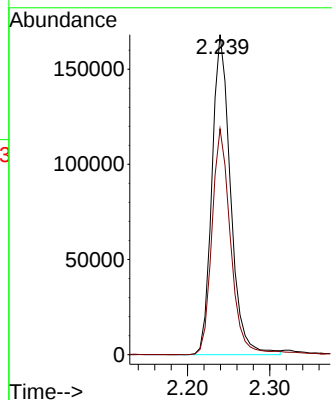
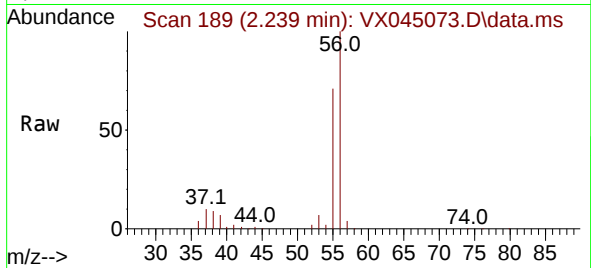
#13
Acrolein
Concen: 940.846 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 263999
Ion Ratio Lower Upper
56 100
55 71.6 56.2 84.4

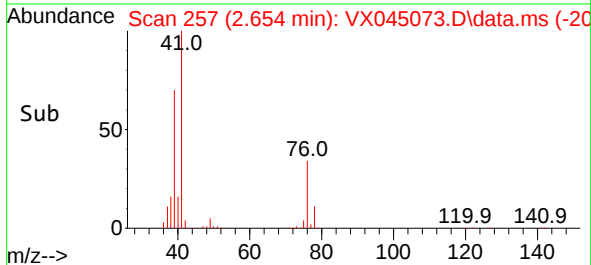
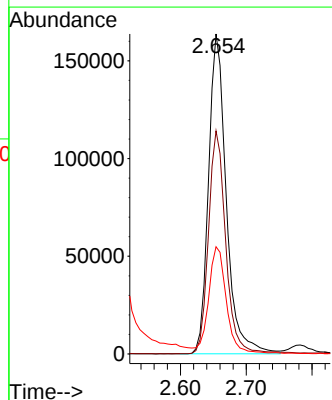
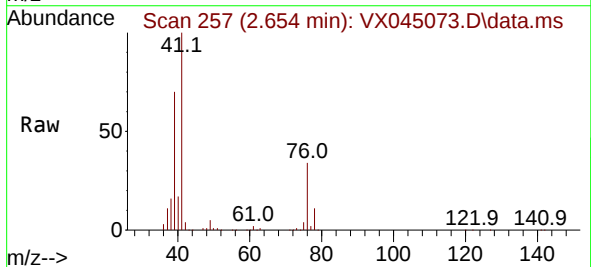
Manual Integrations
APPROVED

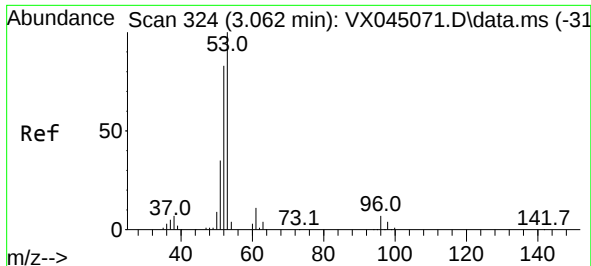
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#14
Allyl chloride
Concen: 139.077 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 41 Resp: 308018
Ion Ratio Lower Upper
41 100
39 67.9 53.8 80.8
76 33.8 25.2 37.8





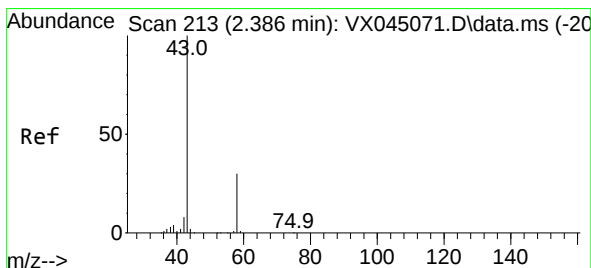
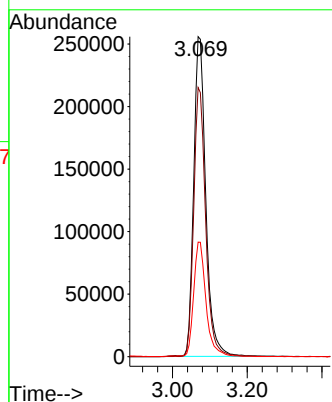
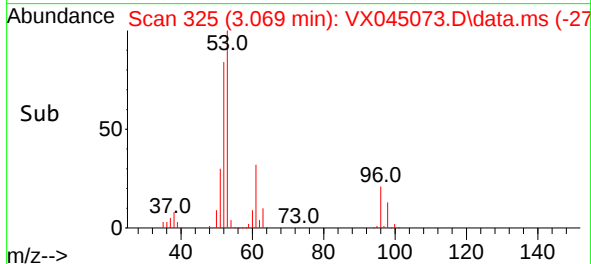
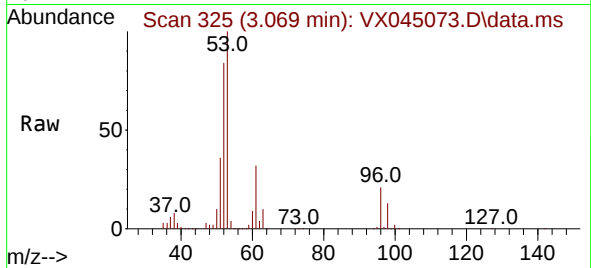
#15
Acrylonitrile
Concen: 813.990 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 573208
Ion Ratio Lower Upper
53 100
52 83.3 66.2 99.2
51 37.0 29.0 43.4

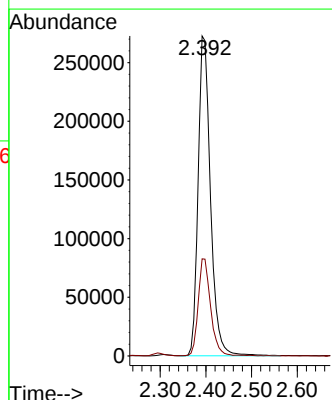
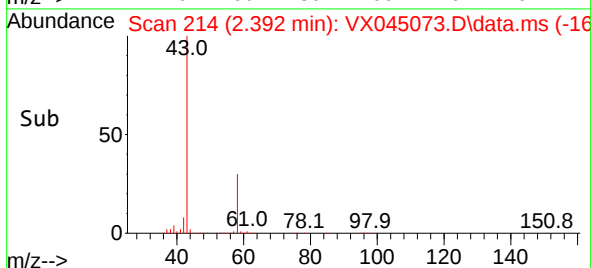
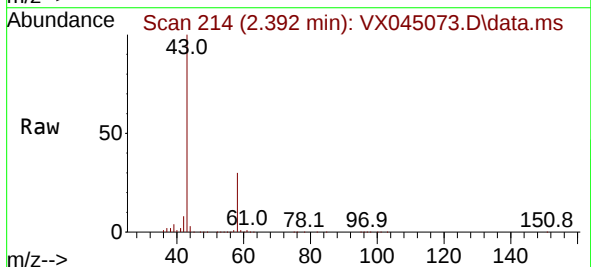
Manual Integrations
APPROVED

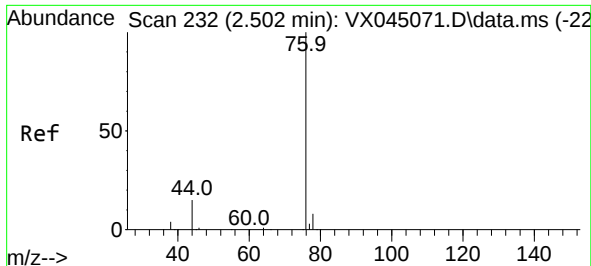
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#16
Acetone
Concen: 879.387 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

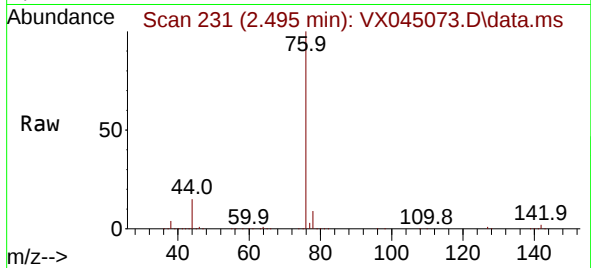
Tgt Ion: 43 Resp: 511828
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.4





#17
Carbon Disulfide
Concen: 145.511 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

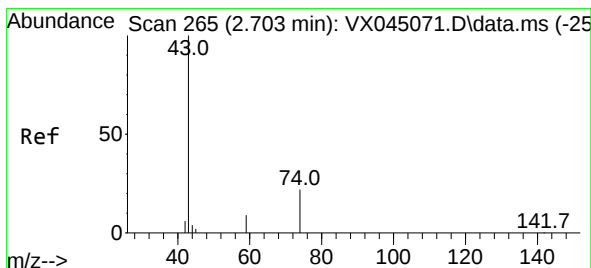
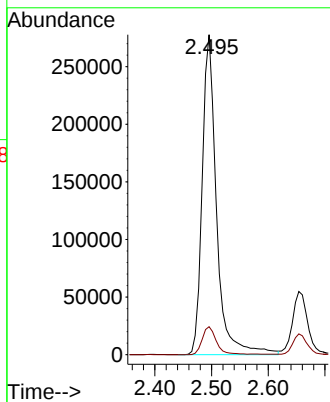
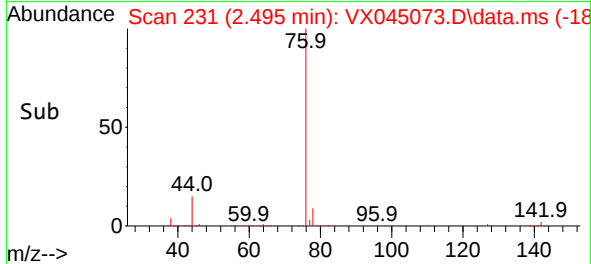
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 487720
Ion Ratio Lower Upper
76 100
78 8.8 6.6 9.8

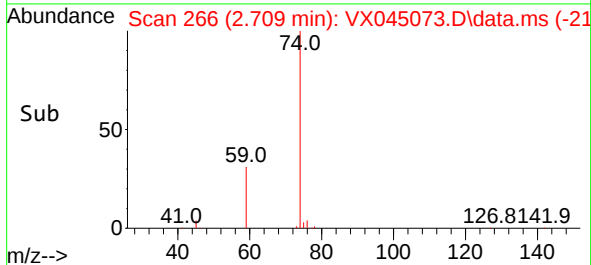
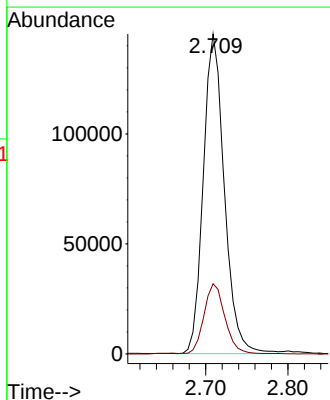
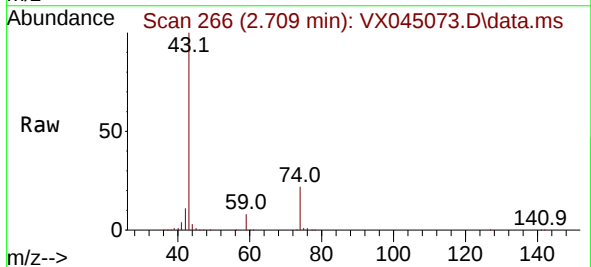
Manual Integrations
APPROVED

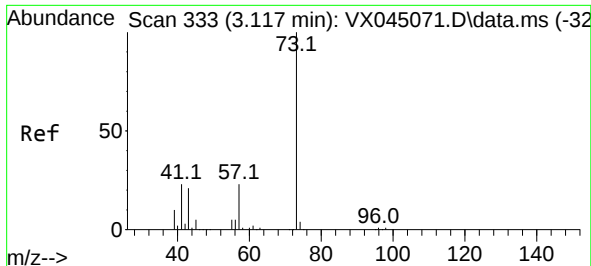
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#18
Methyl Acetate
Concen: 147.347 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

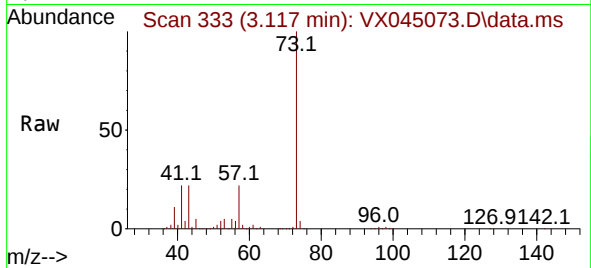
Tgt Ion: 43 Resp: 258303
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 157.358 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

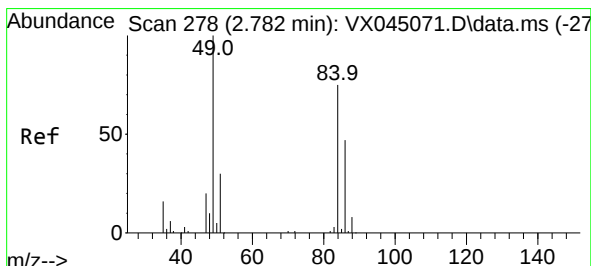
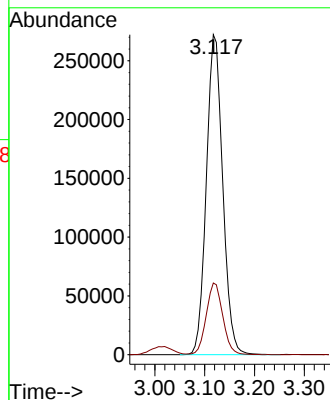
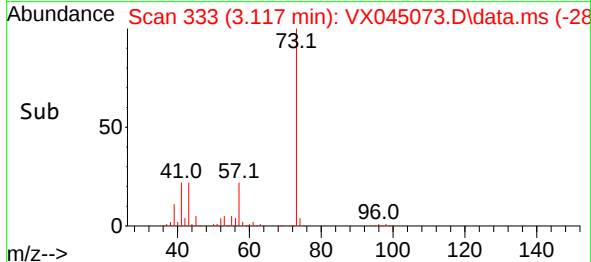
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 619778
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7

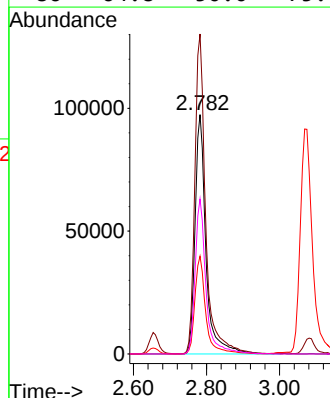
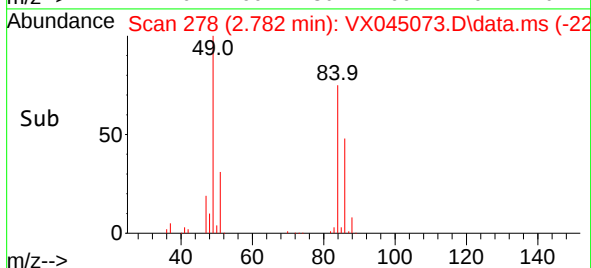
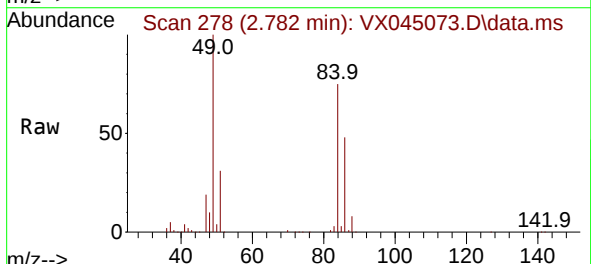
Manual Integrations
APPROVED

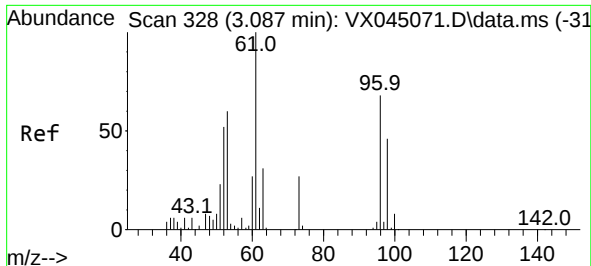
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 147.198 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

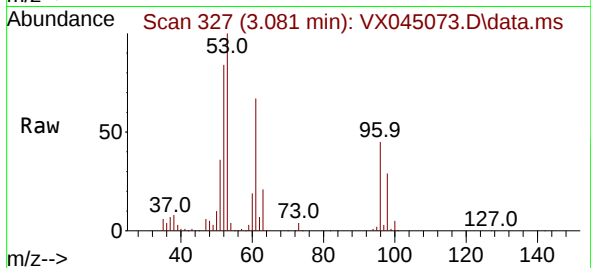
Tgt Ion: 84 Resp: 202913
Ion Ratio Lower Upper
84 100
49 133.6 106.5 159.7
51 40.9 32.1 48.1
86 64.8 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 146.027 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

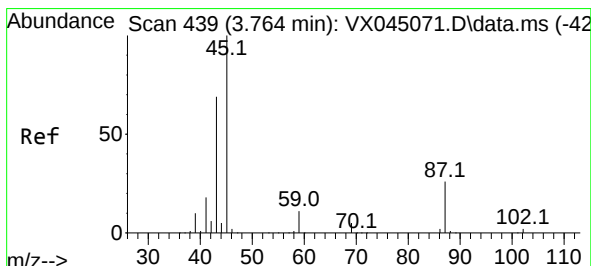
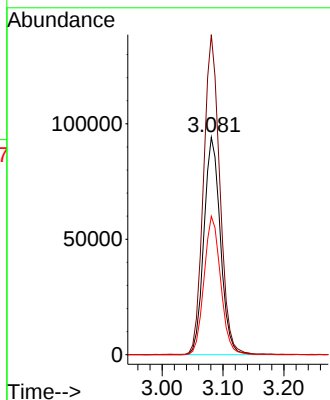
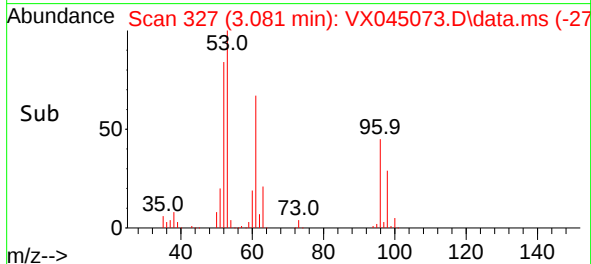
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 176924
Ion Ratio Lower Upper
96 100
61 147.0 117.0 175.4
98 63.6 53.4 80.2

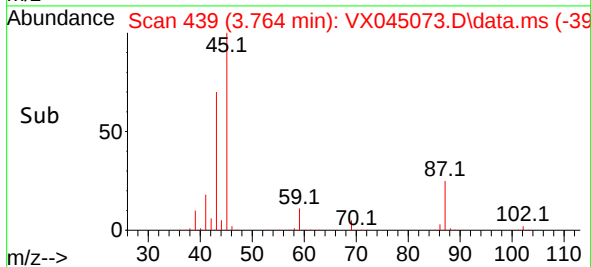
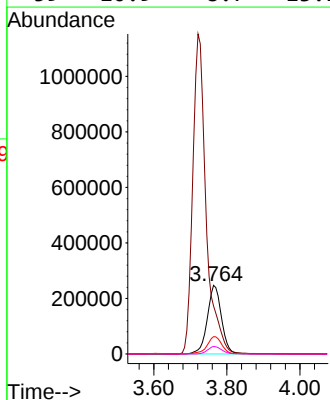
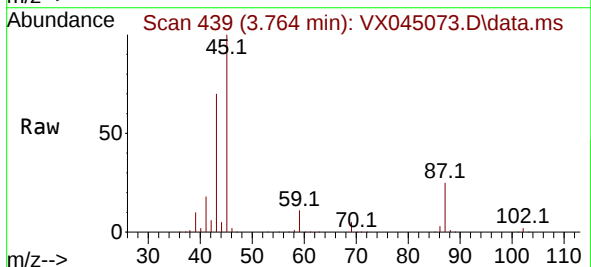
Manual Integrations
APPROVED

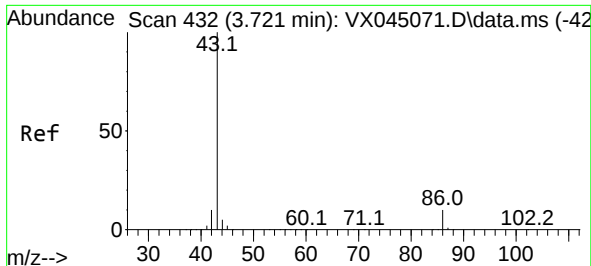
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 156.526 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

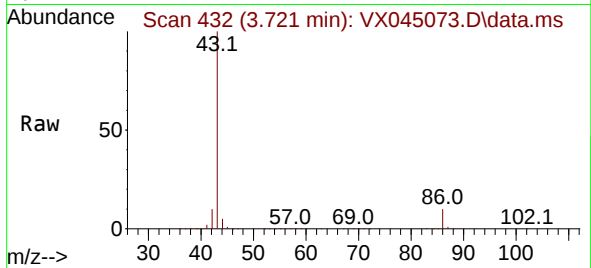
Tgt Ion: 45 Resp: 662828
Ion Ratio Lower Upper
45 100
43 70.0 54.9 82.3
87 25.2 21.0 31.4
59 10.9 8.7 13.1





#23
 Vinyl Acetate
 Concen: 846.586 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045073.D
 Acq: 28 Feb 2025 03:47

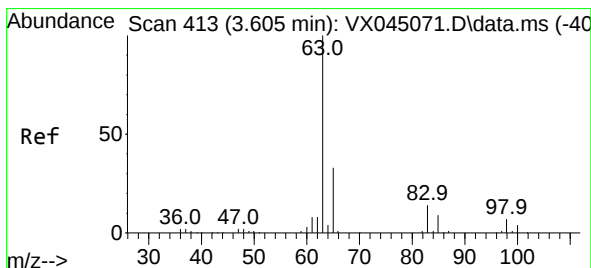
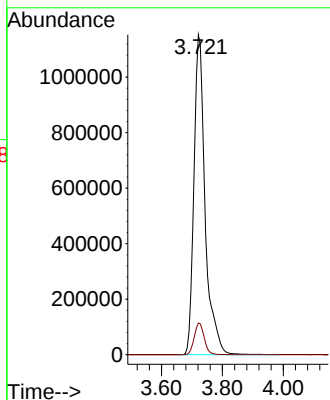
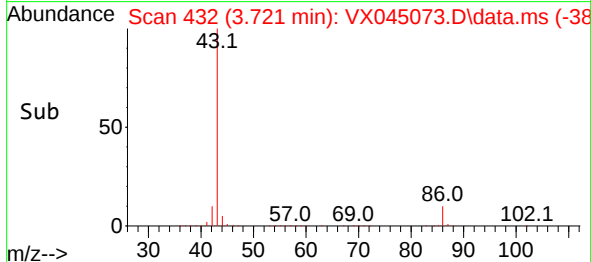
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



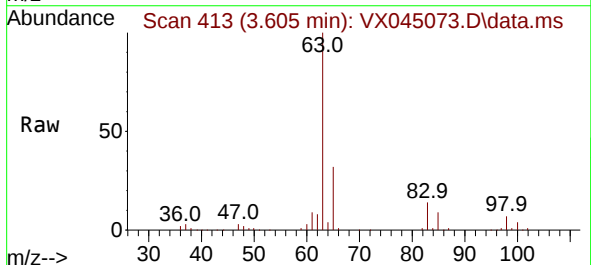
Tgt Ion: 43 Resp: 2943150
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

Manual Integrations
 APPROVED

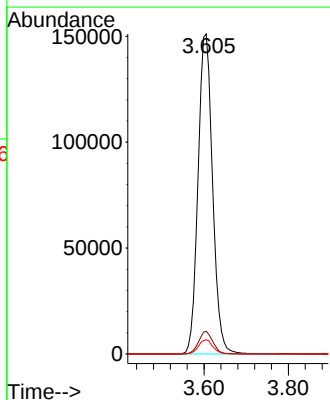
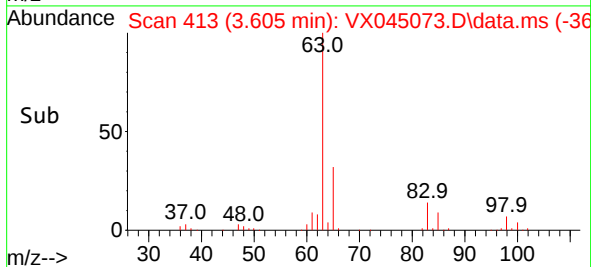
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

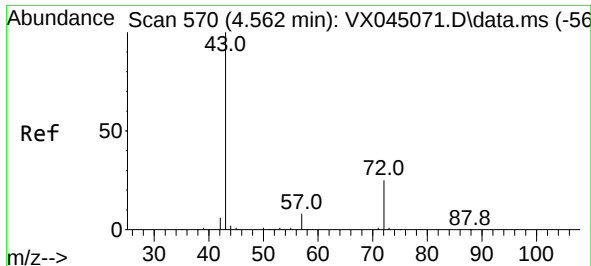


#24
 1,1-Dichloroethane
 Concen: 153.453 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045073.D
 Acq: 28 Feb 2025 03:47



Tgt Ion: 63 Resp: 363081
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.4 2.1 6.5





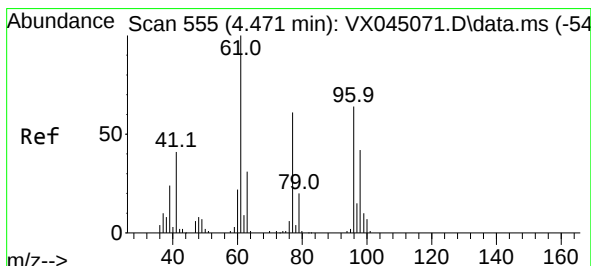
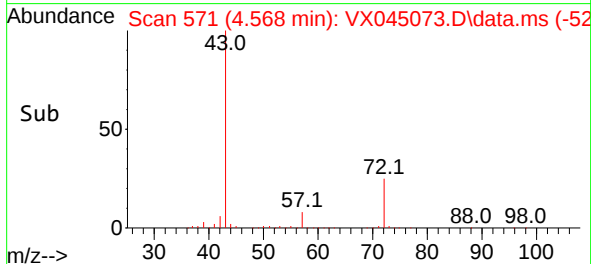
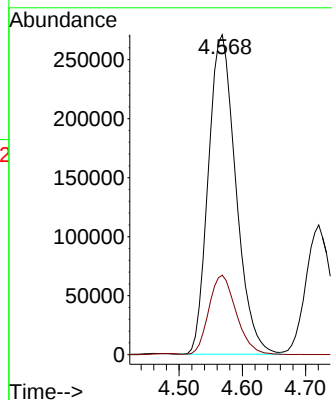
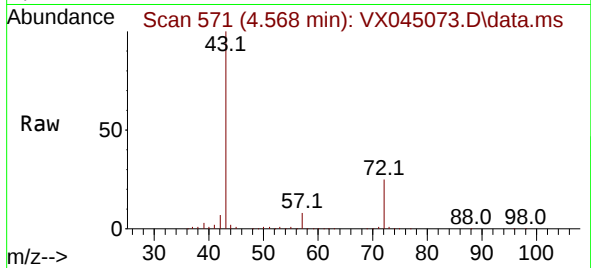
#25
2-Butanone
Concen: 872.239 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 81849
Ion Ratio Lower Upper
43 100
72 24.7 20.0 30.0

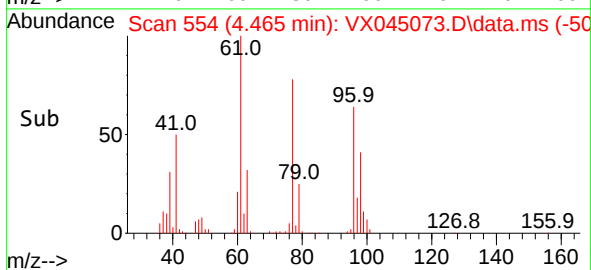
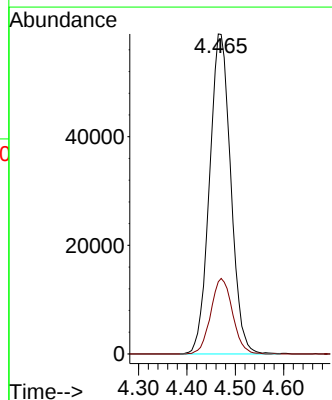
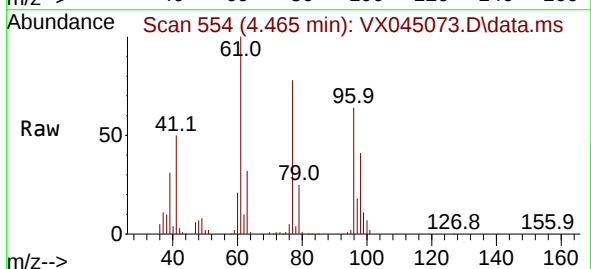
Manual Integrations
APPROVED

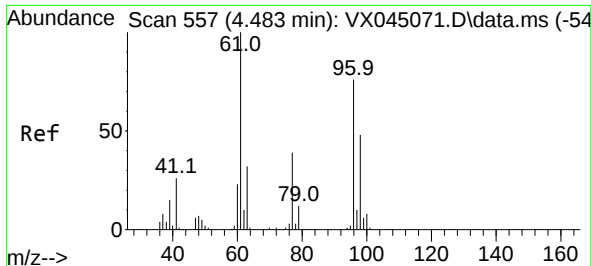
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 102.231 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 77 Resp: 179826
Ion Ratio Lower Upper
77 100
97 24.1 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 151.205 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 220820

Ion Ratio Lower Upper

96 100

61 144.2 0.0 283.2

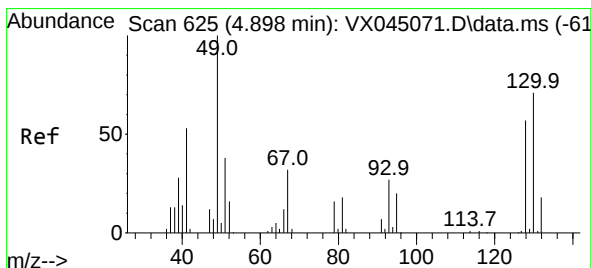
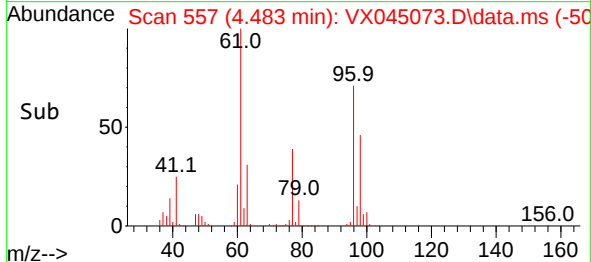
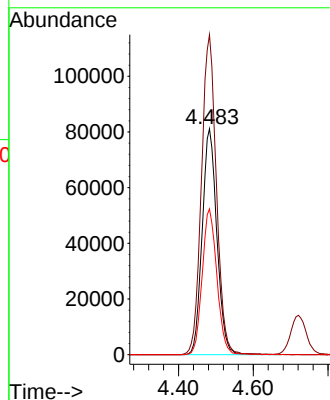
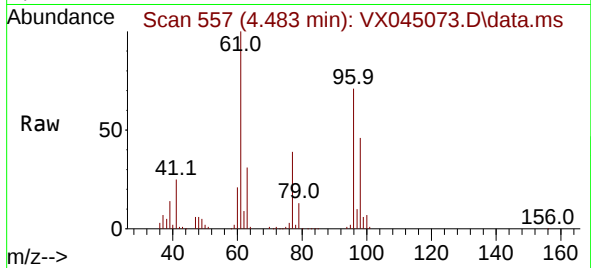
98 64.3 0.0 128.0

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 150.105 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

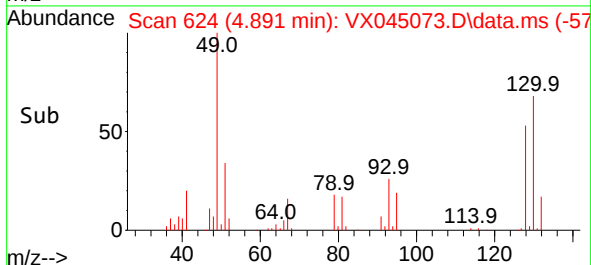
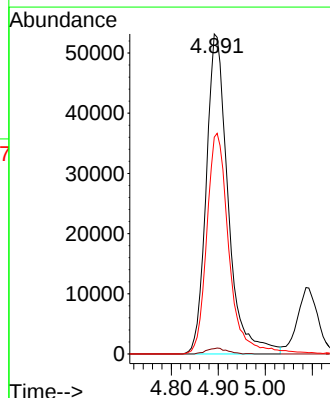
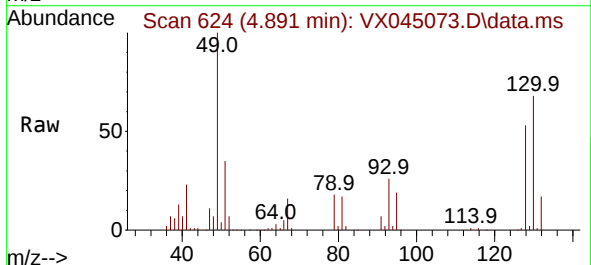
Tgt Ion: 49 Resp: 171273

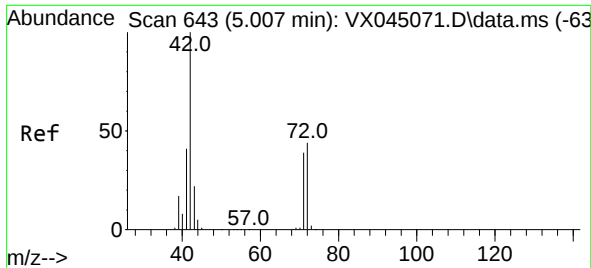
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 70.3 56.1 84.1





#29

Tetrahydrofuran

Concen: 850.174 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

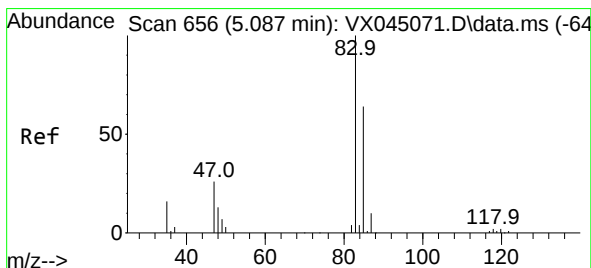
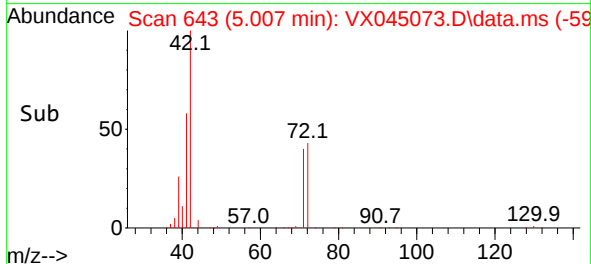
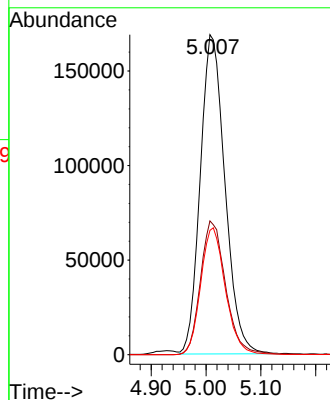
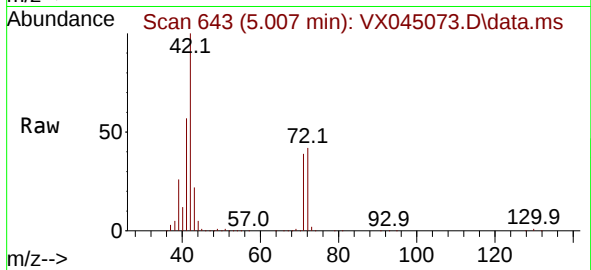
Tgt Ion: 42 Resp: 528574
 Ion Ratio Lower Upper
 42 100
 72 42.8 34.1 51.1
 71 39.7 31.4 47.0

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 152.067 ug/l

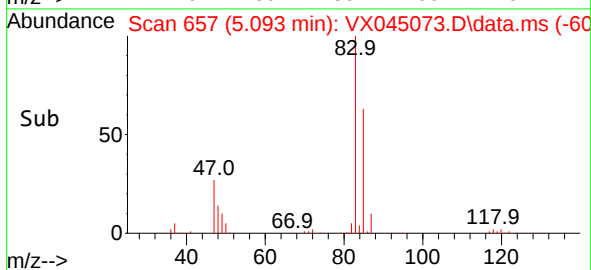
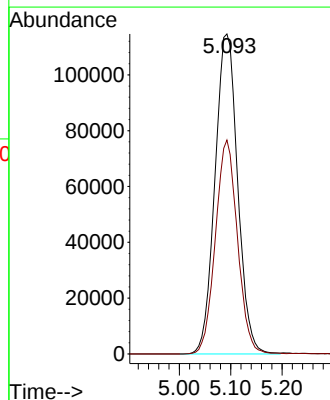
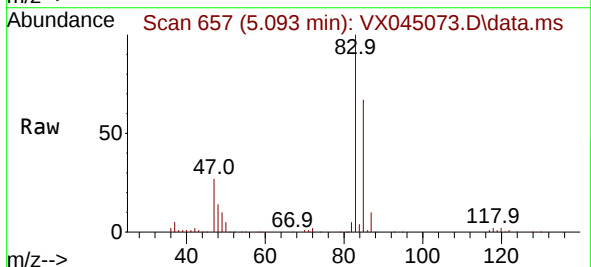
RT: 5.093 min Scan# 657

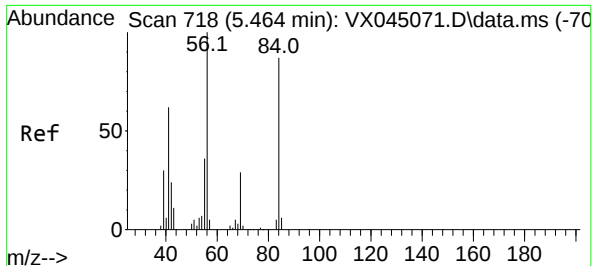
Delta R.T. 0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

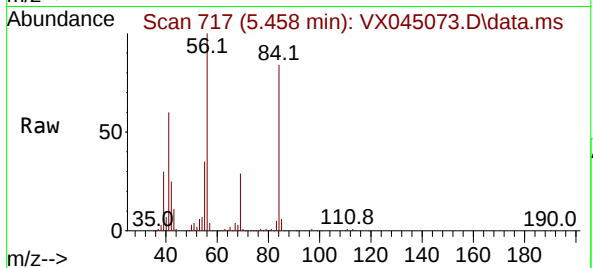
Tgt Ion: 83 Resp: 351934
 Ion Ratio Lower Upper
 83 100
 85 66.9 51.4 77.2





#31
Cyclohexane
Concen: 139.174 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

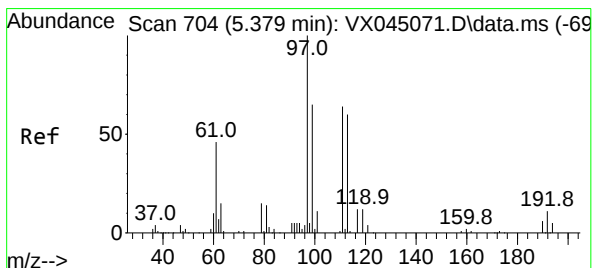
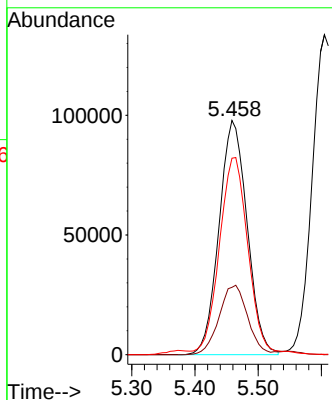
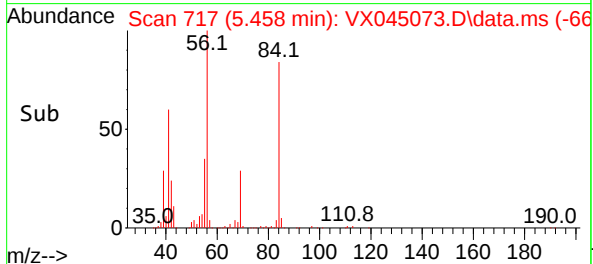
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 302215
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.2
84 82.2 69.4 104.2

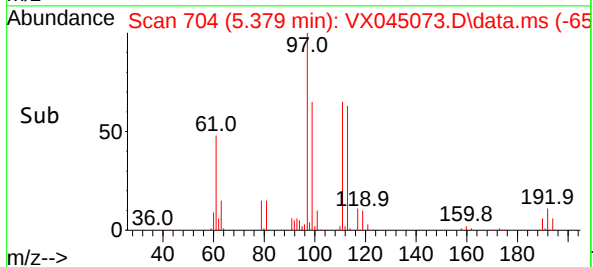
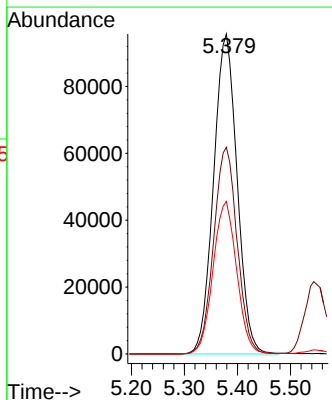
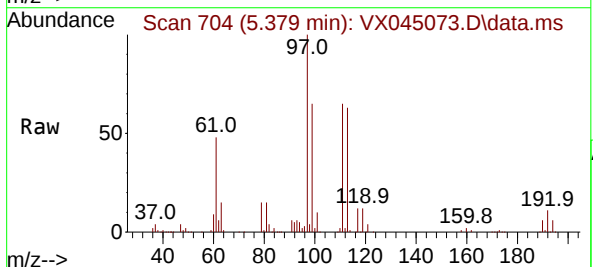
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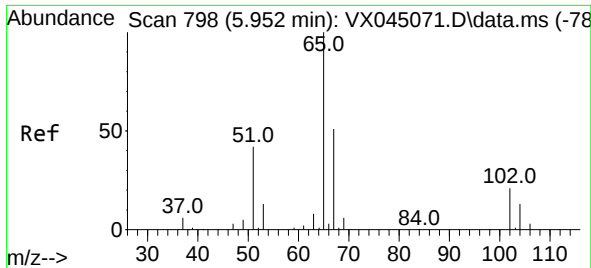
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 151.120 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 97 Resp: 294434
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 48.1 38.4 57.6





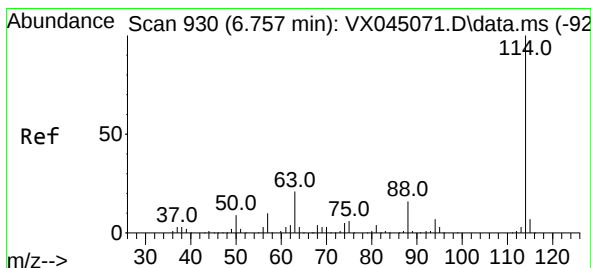
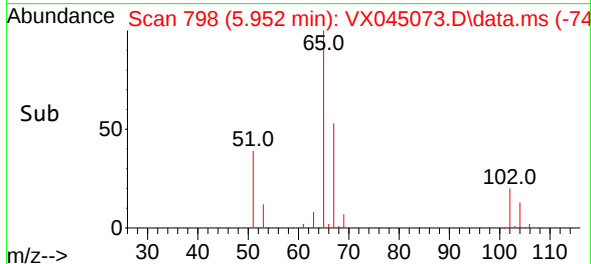
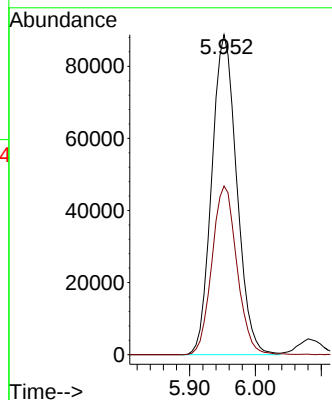
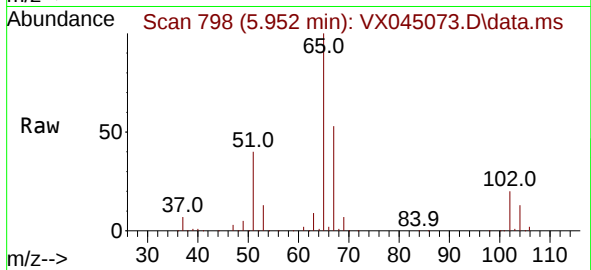
#33
1,2-Dichloroethane-d4
Concen: 165.865 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 234624
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.2

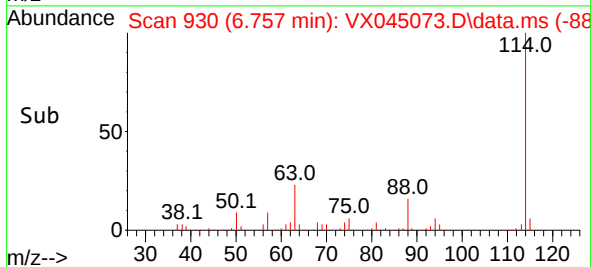
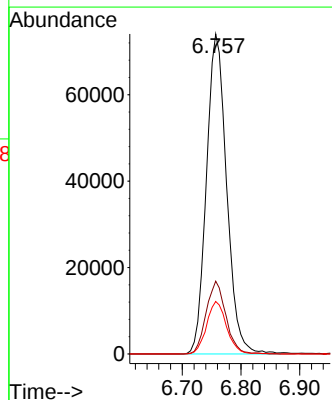
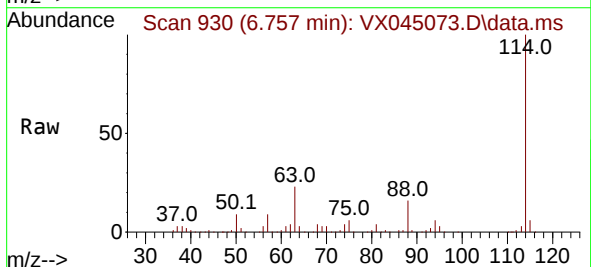
Manual Integrations
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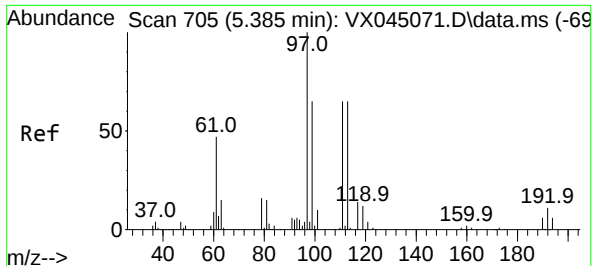
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

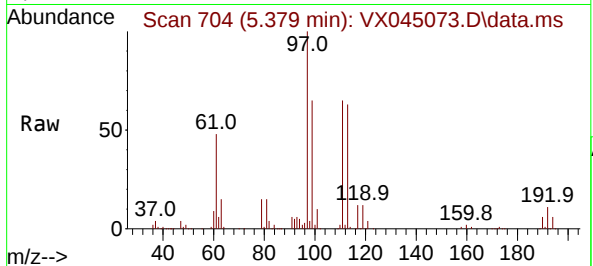
Tgt Ion:114 Resp: 176991
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.8
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 155.359 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

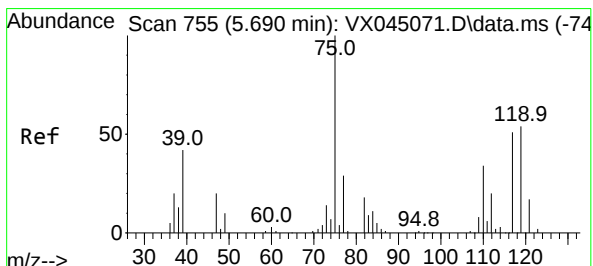
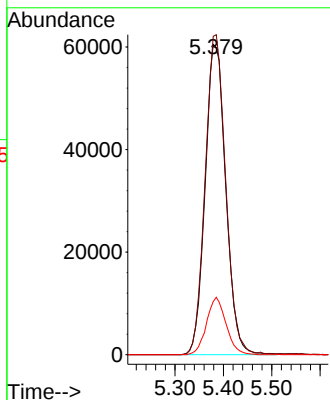
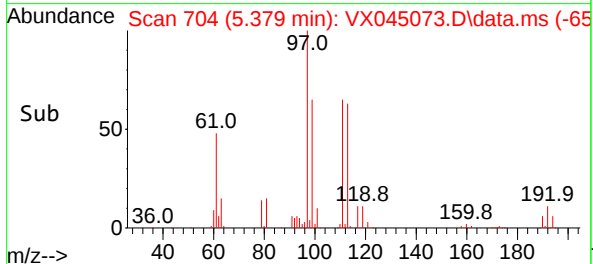
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:113 Resp: 17972
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 17.5 14.3 21.5

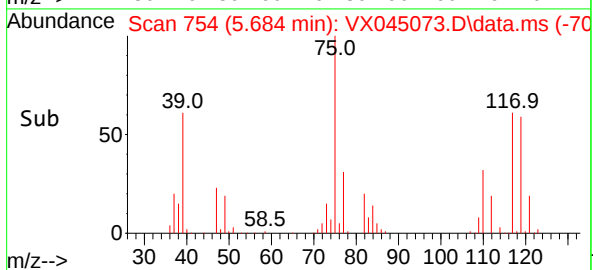
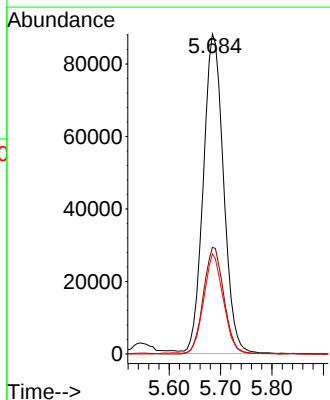
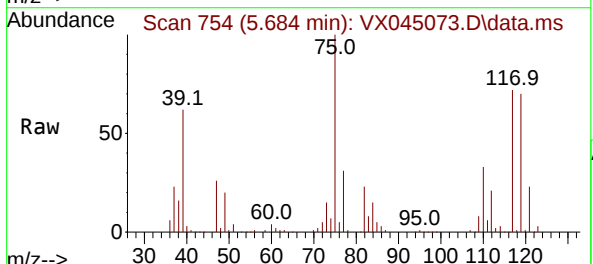
Manual Integrations
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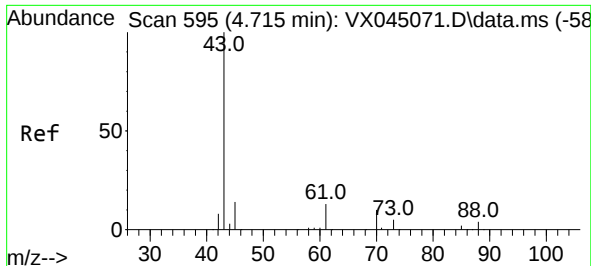
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#36
1,1-Dichloropropene
Concen: 145.112 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 75 Resp: 241405
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.6
77 30.5 24.5 36.7





#37

Ethyl Acetate

Concen: 167.067 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

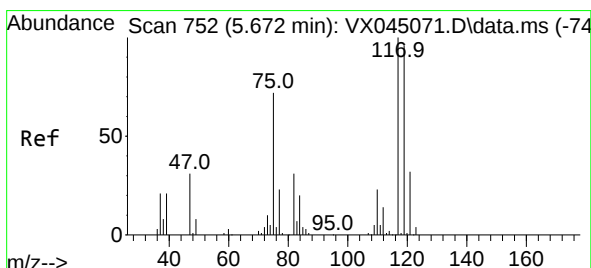
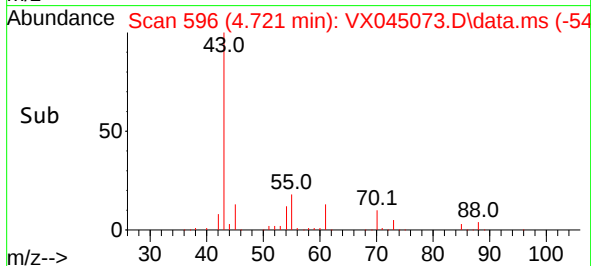
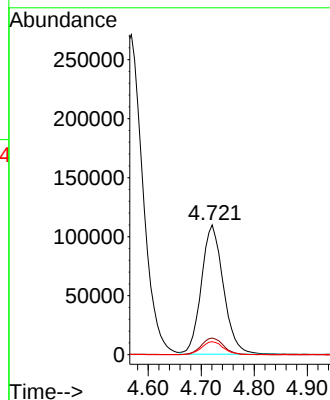
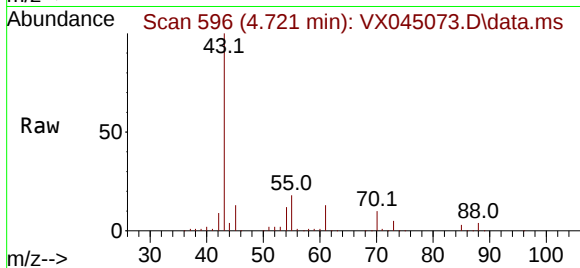
Tgt Ion: 43 Resp: 316250
 Ion Ratio Lower Upper
 43 100
 61 13.2 10.8 16.2
 70 10.1 7.7 11.5

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#38

Carbon Tetrachloride

Concen: 150.363 ug/l

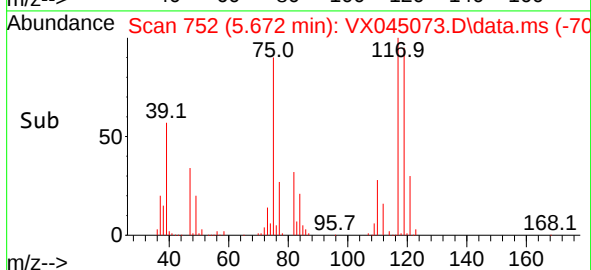
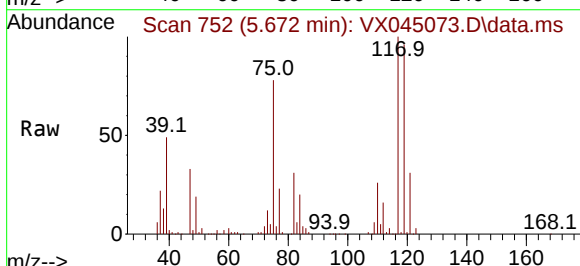
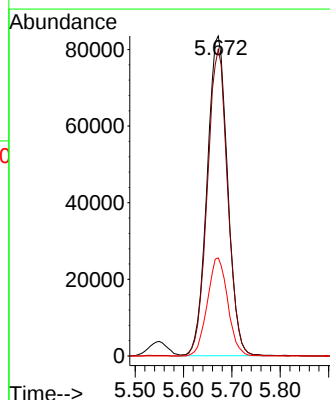
RT: 5.672 min Scan# 752

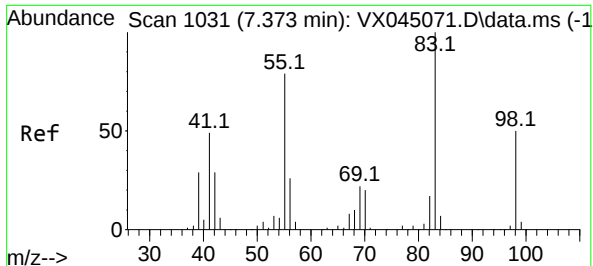
Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Tgt Ion:117 Resp: 245917
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.7 115.1
 121 30.7 25.5 38.3





#39

Methylcyclohexane

Concen: 137.544 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 292210

Ion Ratio Lower Upper

83 100

55 81.7 63.0 94.4

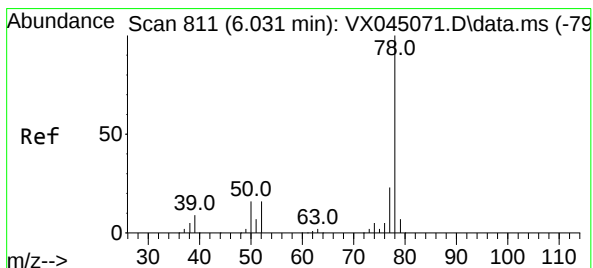
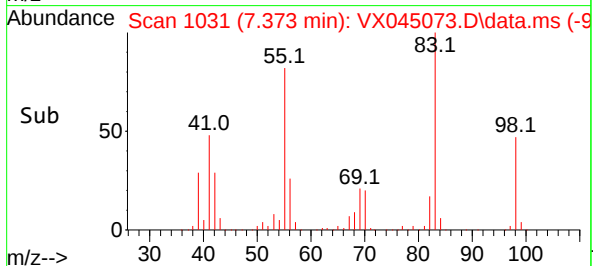
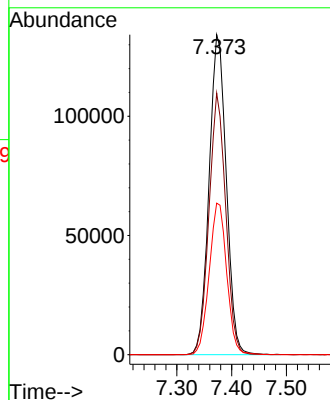
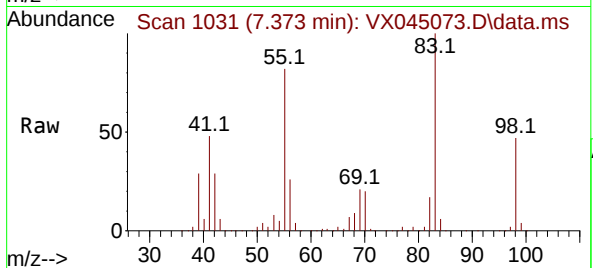
98 47.4 39.7 59.5

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 145.368 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045073.D

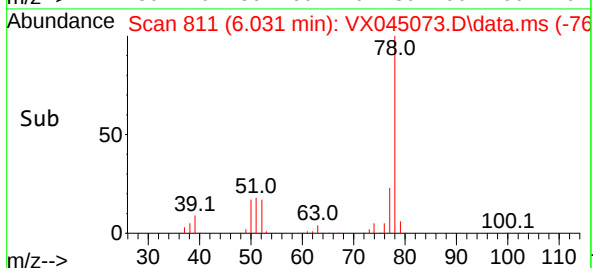
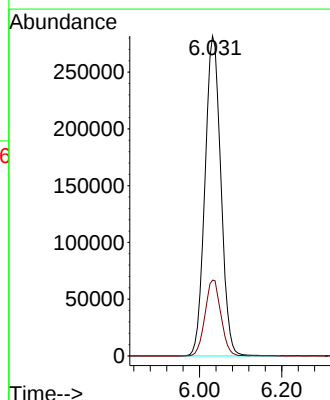
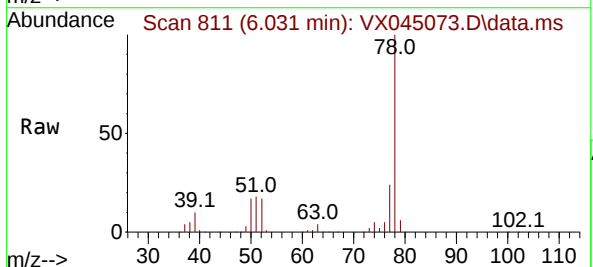
Acq: 28 Feb 2025 03:47

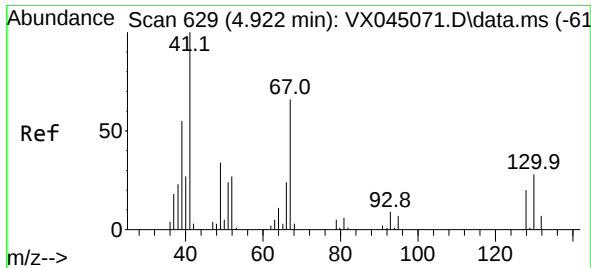
Tgt Ion: 78 Resp: 755854

Ion Ratio Lower Upper

78 100

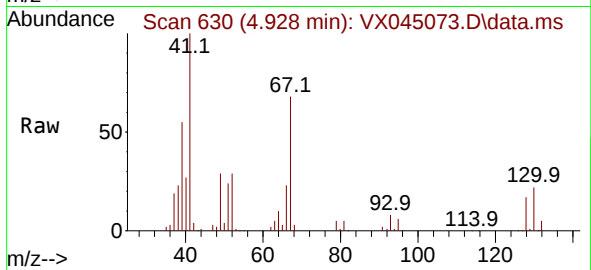
77 23.7 18.8 28.2





#41
Methacrylonitrile
Concen: 173.088 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

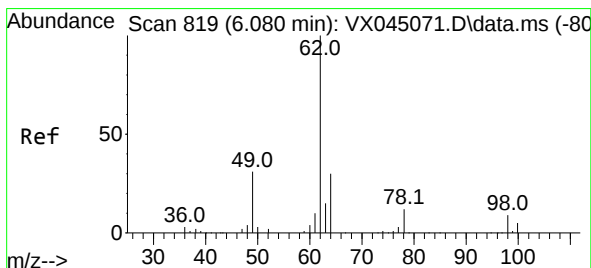
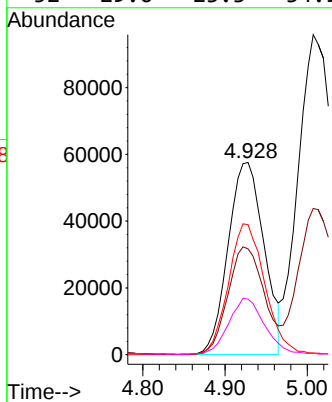
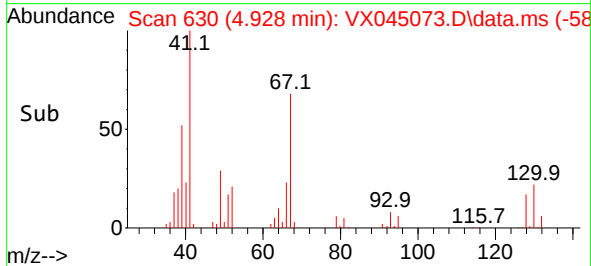
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 17502
Ion Ratio Lower Upper
41 100
39 55.9 44.6 67.0
67 69.5 53.9 80.9
52 29.6 23.3 34.9

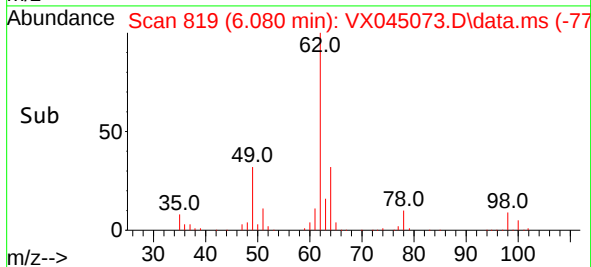
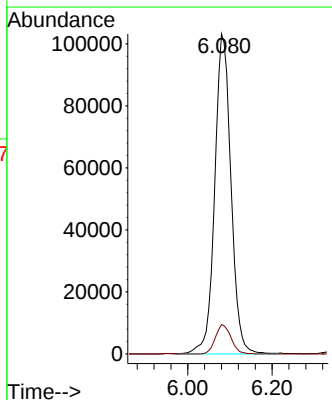
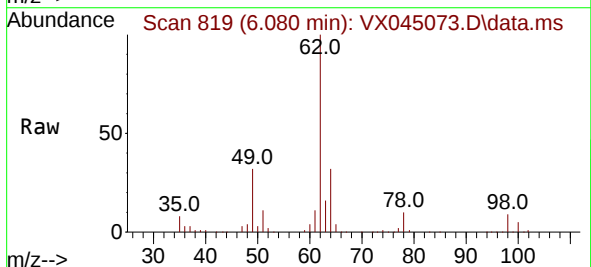
Manual Integrations
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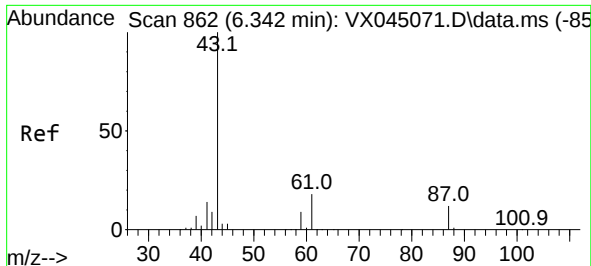
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 163.872 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 62 Resp: 276129
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.2





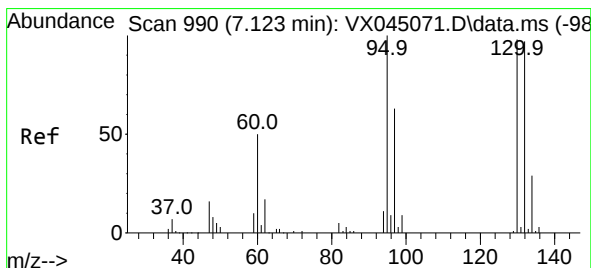
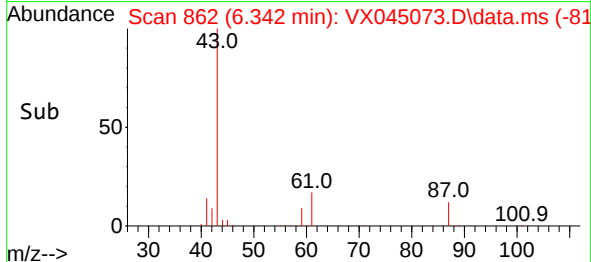
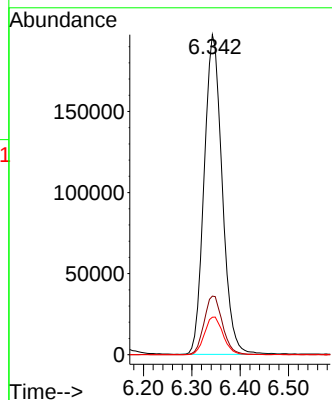
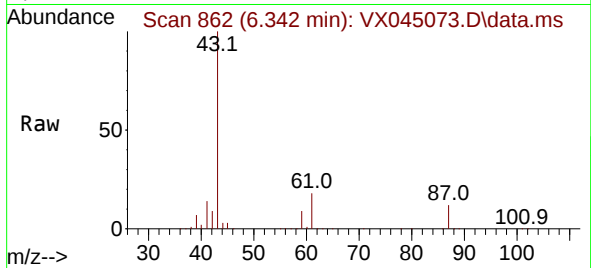
#43
Isopropyl Acetate
Concen: 169.804 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 51164
Ion Ratio Lower Upper
43 100
61 18.7 14.9 22.3
87 12.1 9.4 14.2

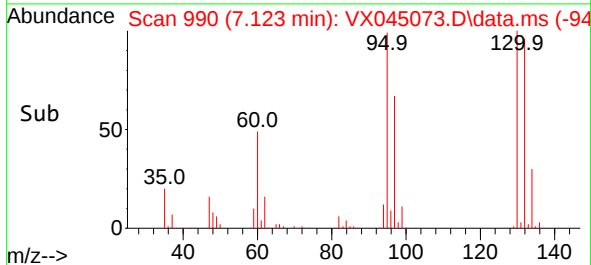
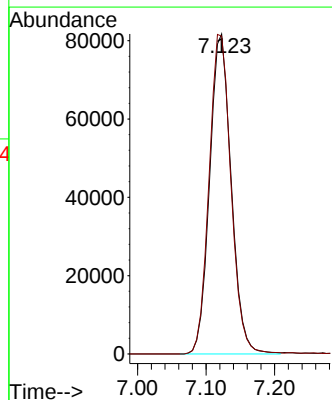
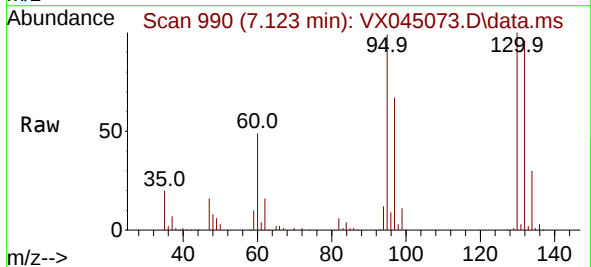
Manual Integrations
APPROVED

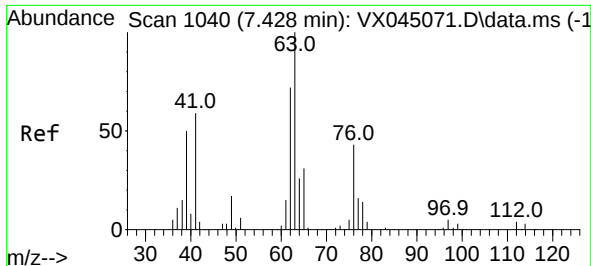
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#44
Trichloroethene
Concen: 150.181 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

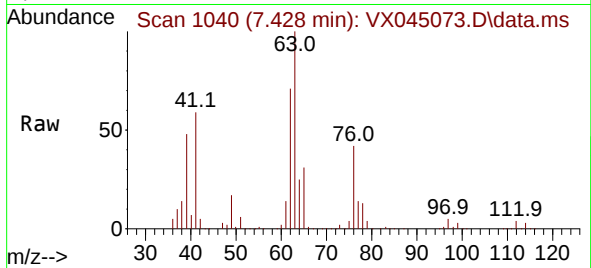
Tgt Ion:130 Resp: 178483
Ion Ratio Lower Upper
130 100
95 99.3 0.0 205.0





#45
1,2-Dichloropropane
Concen: 153.334 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

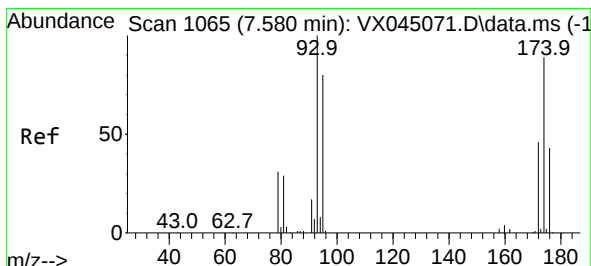
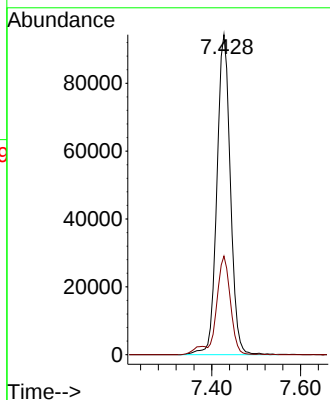
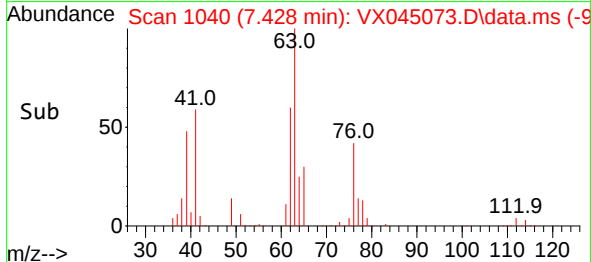
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



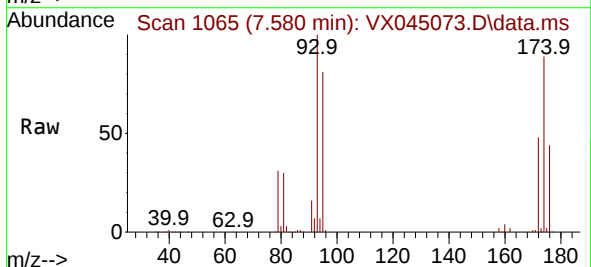
Tgt Ion: 63 Resp: 19813
Ion Ratio Lower Upper
63 100
65 30.8 24.7 37.1

Manual Integrations
APPROVED

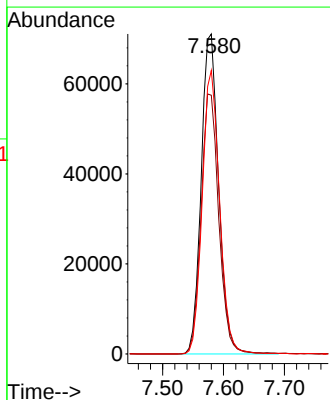
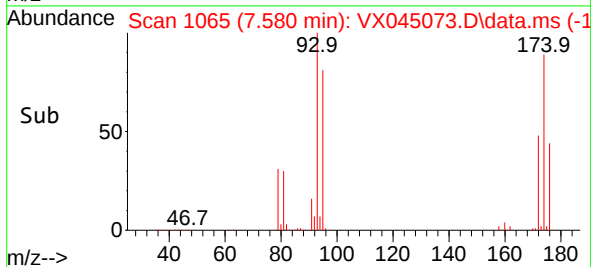
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

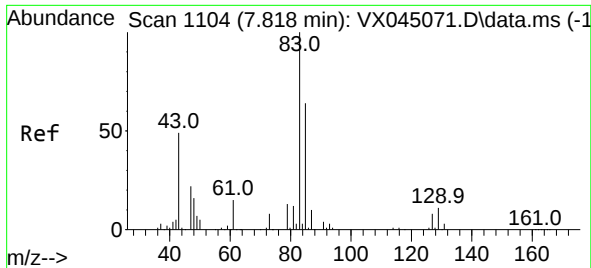


#46
Dibromomethane
Concen: 157.443 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



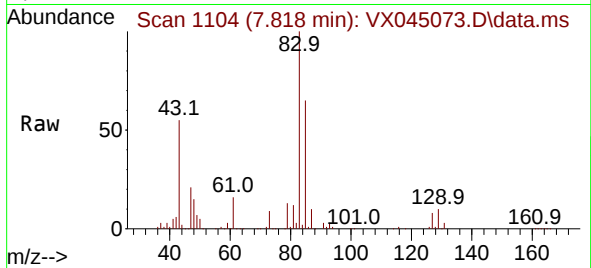
Tgt Ion: 93 Resp: 142119
Ion Ratio Lower Upper
93 100
95 82.6 65.8 98.8
174 88.2 72.2 108.2





#47
Bromodichloromethane
Concen: 160.492 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

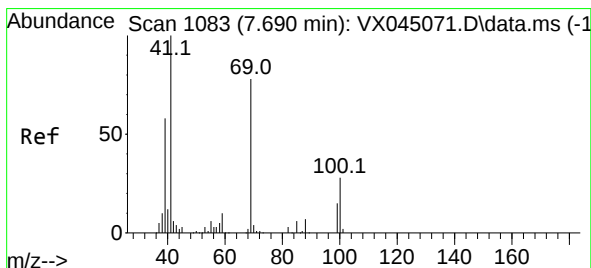
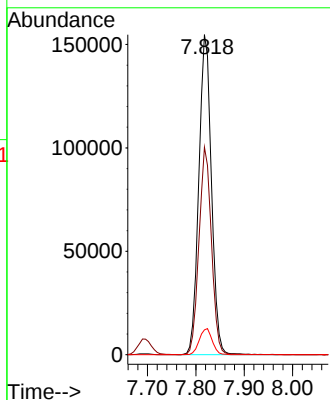
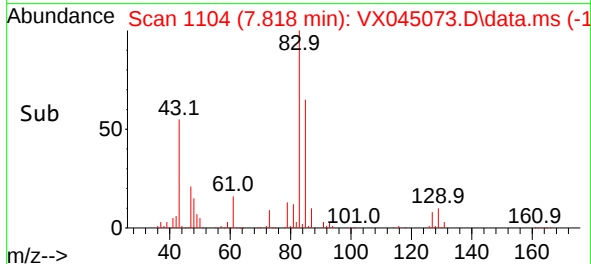
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 28025
Ion Ratio Lower Upper
83 100
85 64.9 51.1 76.7
127 7.8 6.4 9.6

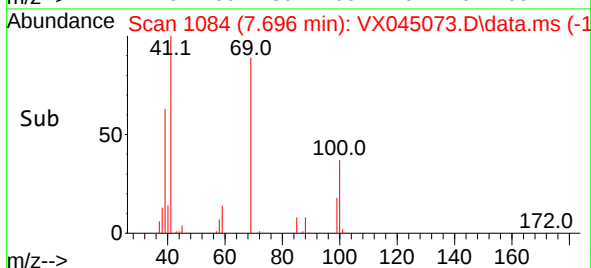
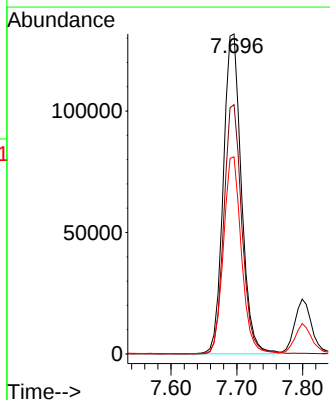
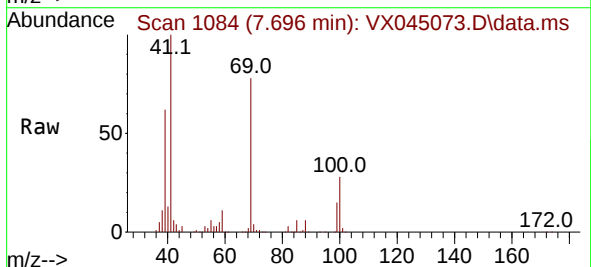
Manual Integrations
APPROVED

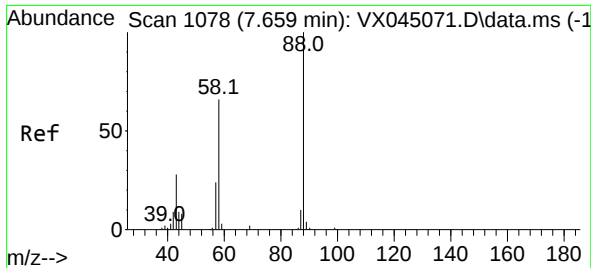
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#48
Methyl methacrylate
Concen: 176.370 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

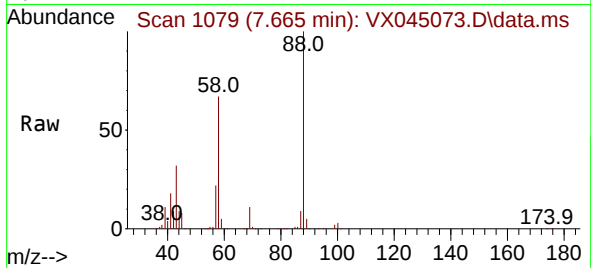
Tgt Ion: 41 Resp: 252275
Ion Ratio Lower Upper
41 100
69 78.1 63.0 94.6
39 61.1 47.5 71.3





#49
1,4-Dioxane
Concen: 3166.423 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

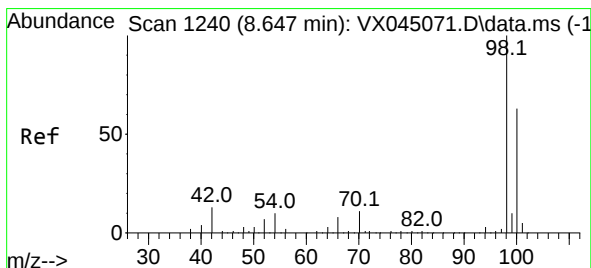
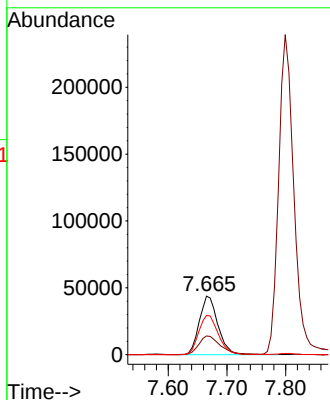
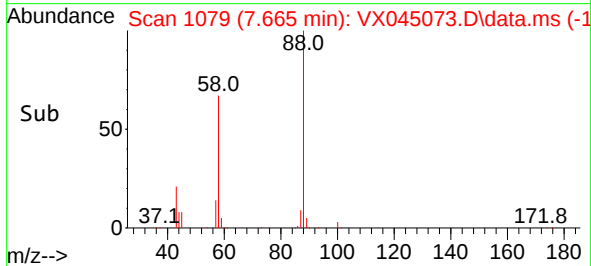
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 96268
Ion Ratio Lower Upper
88 100
43 37.0 28.7 43.1
58 70.8 55.8 83.8

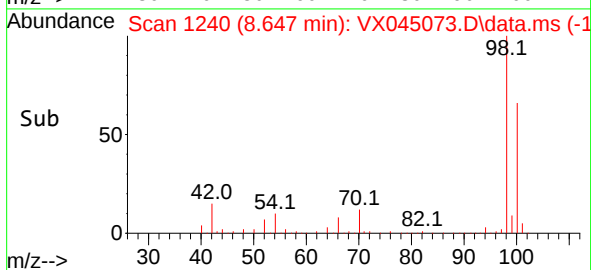
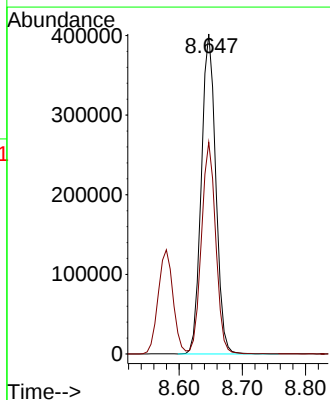
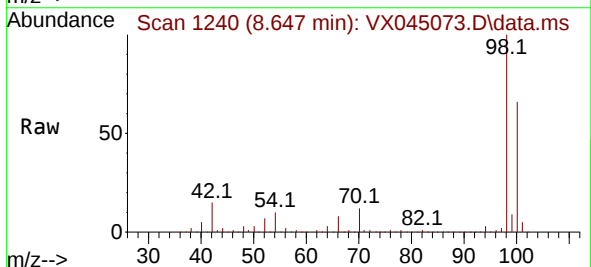
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#50
Toluene-d8
Concen: 147.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 98 Resp: 638979
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





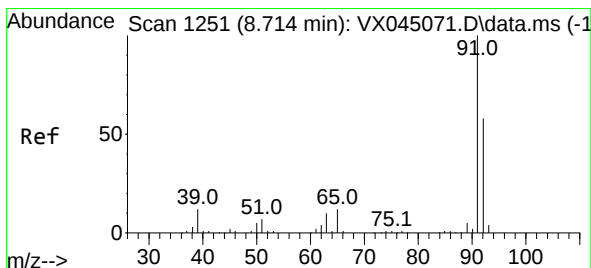
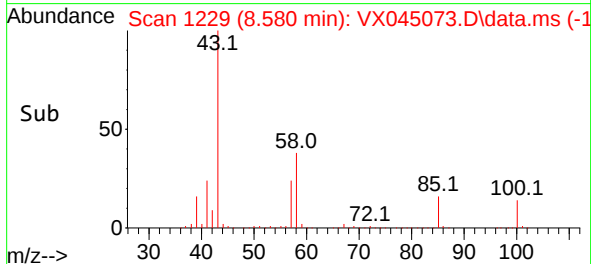
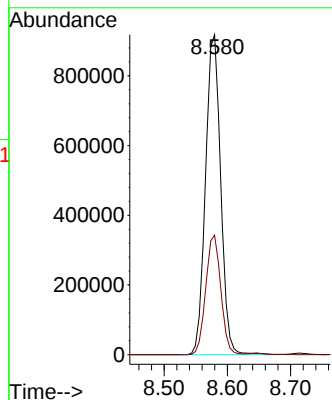
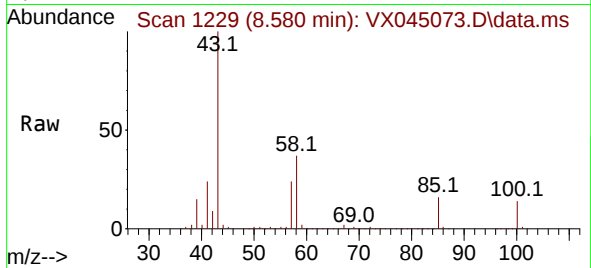
#51
4-Methyl-2-Pentanone
Concen: 832.051 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 153615
Ion Ratio Lower Upper
43 100
58 37.1 29.2 43.8

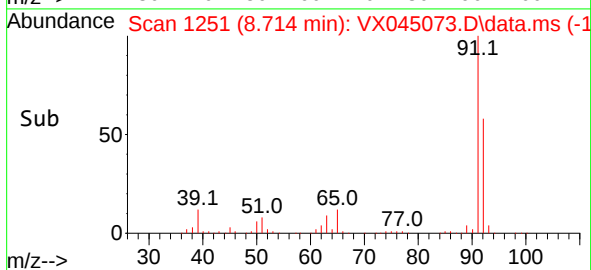
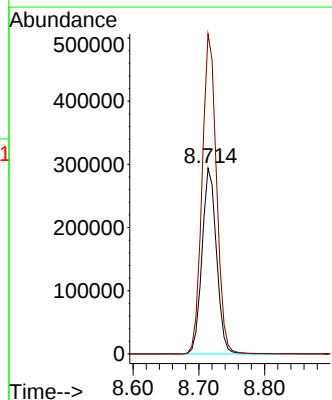
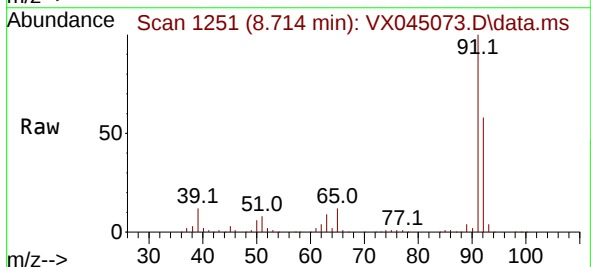
Manual Integrations
APPROVED

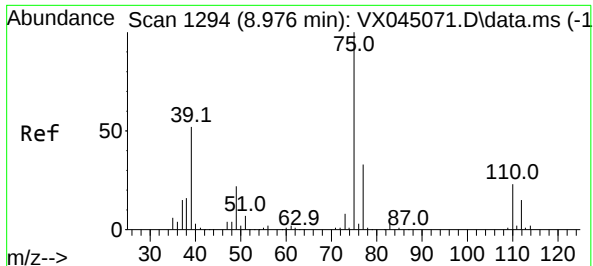
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 145.321 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 92 Resp: 448664
Ion Ratio Lower Upper
92 100
91 172.3 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 154.373 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 26644

Ion Ratio Lower Upper

75 100

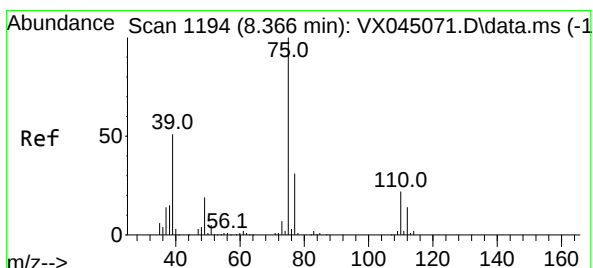
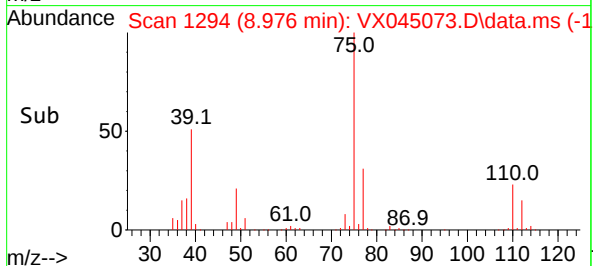
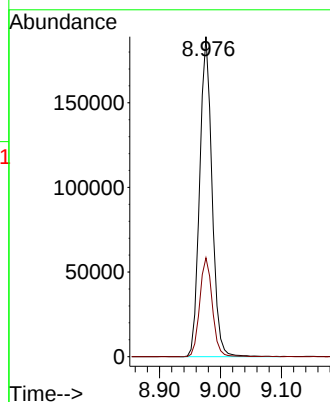
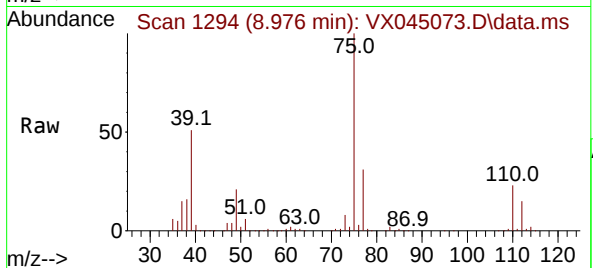
77 30.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#54

cis-1,3-Dichloropropene

Concen: 152.117 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

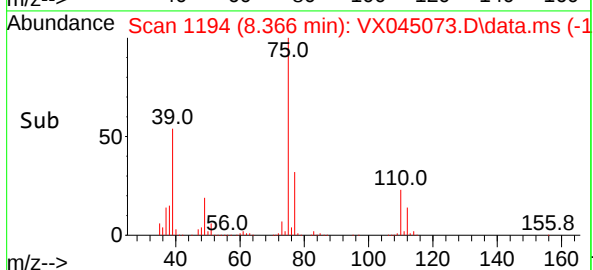
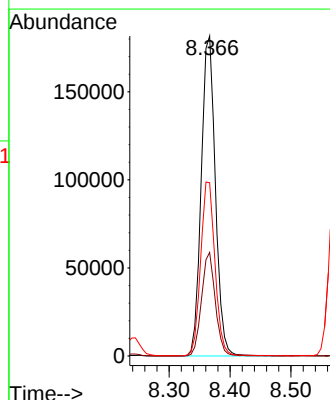
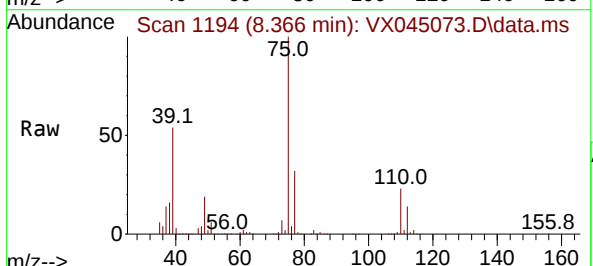
Tgt Ion: 75 Resp: 293521

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

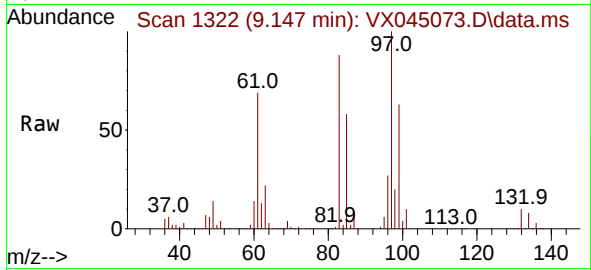
39 54.0 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 149.046 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

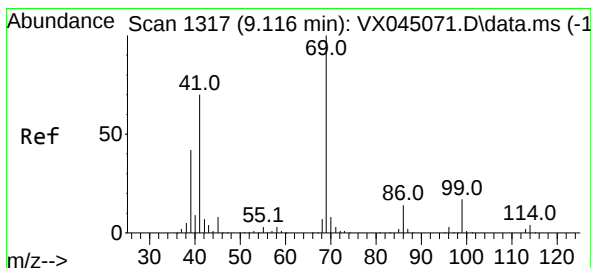
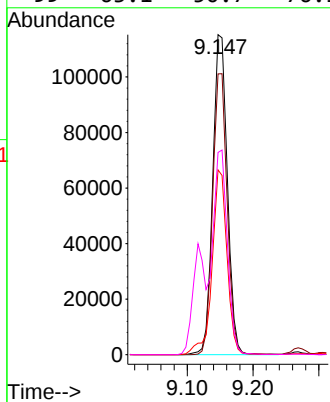
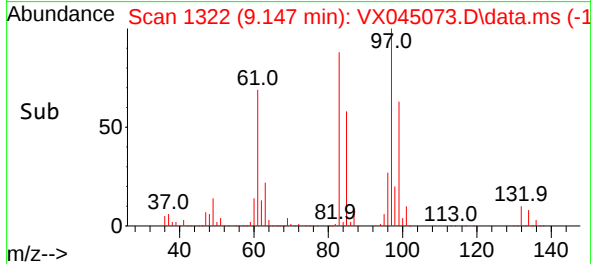


Tgt Ion: 97 Resp: 17821

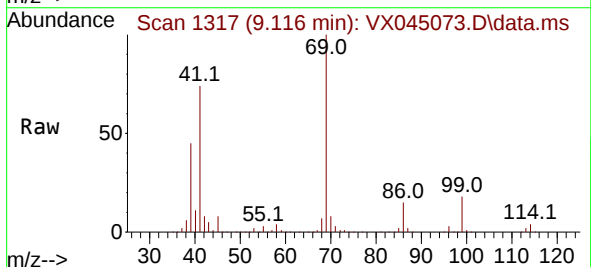
Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.4	104.2
85	57.8	44.1	66.1
99	63.1	50.7	76.1

Manual Integrations
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Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

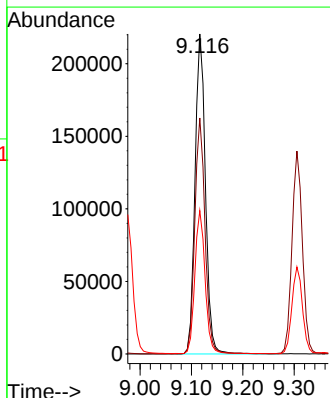
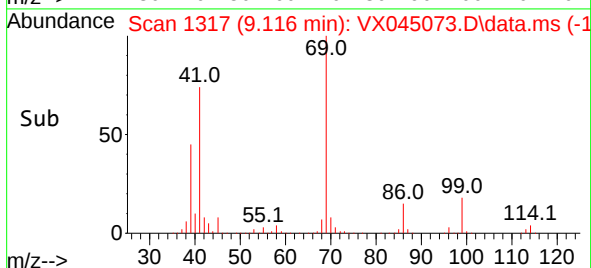


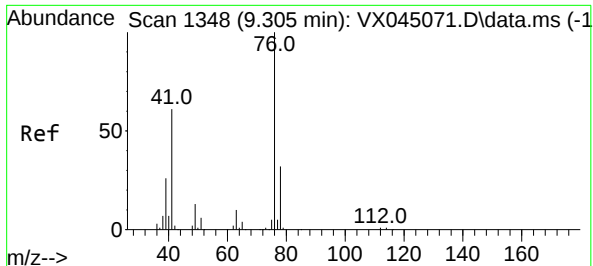
#56
Ethyl methacrylate
Concen: 162.631 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



Tgt Ion: 69 Resp: 310992

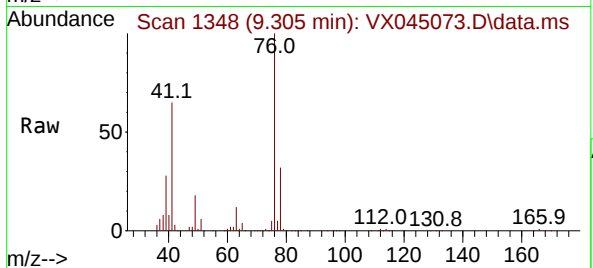
Ion	Ratio	Lower	Upper
69	100		
41	72.6	57.0	85.4
39	44.2	34.2	51.4





#57
1,3-Dichloropropane
Concen: 149.699 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

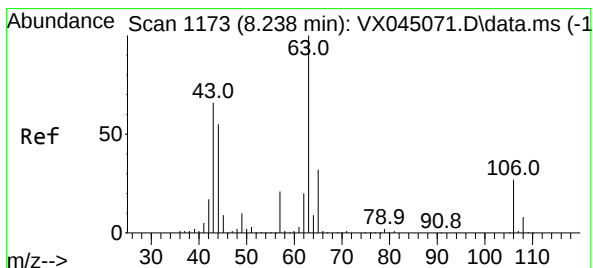
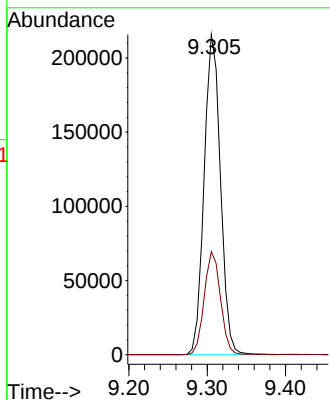
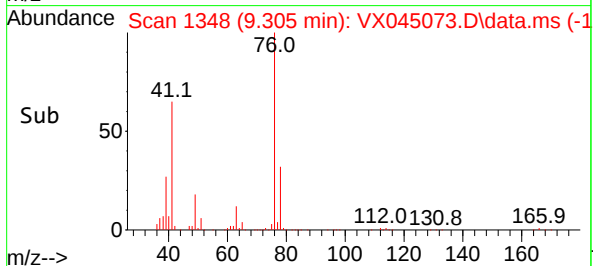
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 312190
Ion Ratio Lower Upper
76 100
78 32.0 25.5 38.3

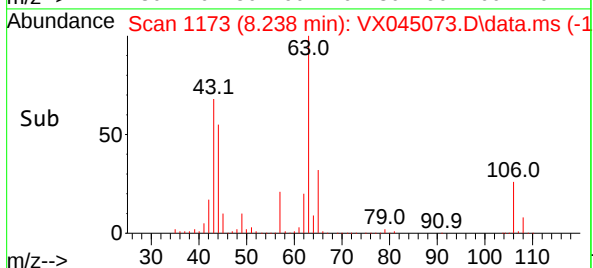
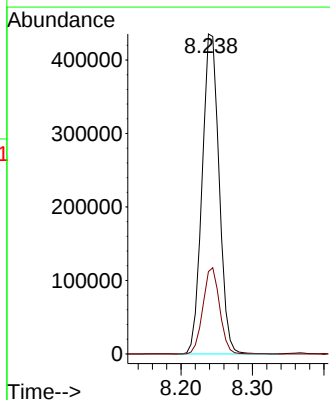
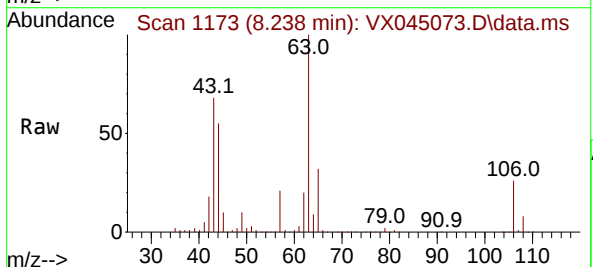
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 764.019 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 63 Resp: 717328
Ion Ratio Lower Upper
63 100
106 26.5 21.5 32.3





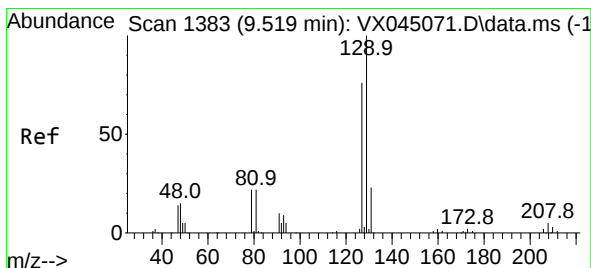
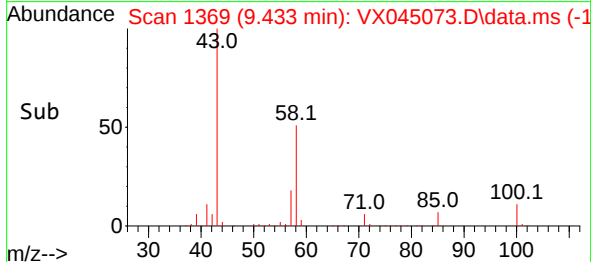
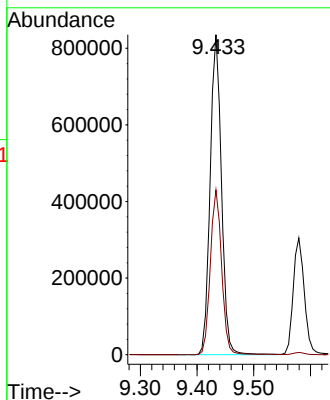
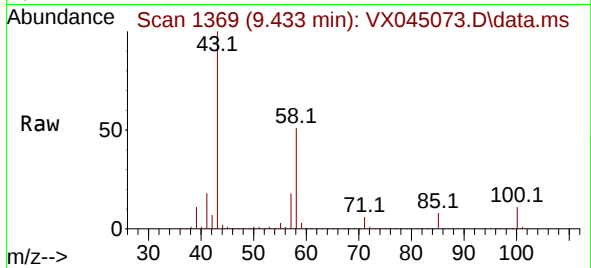
#59
2-Hexanone
Concen: 868.492 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 115665
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.6

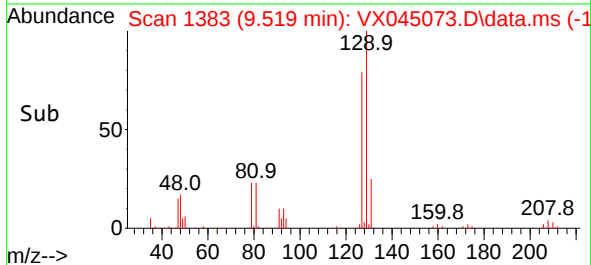
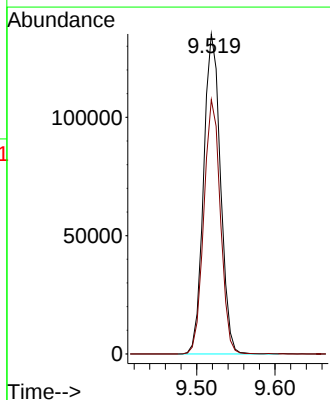
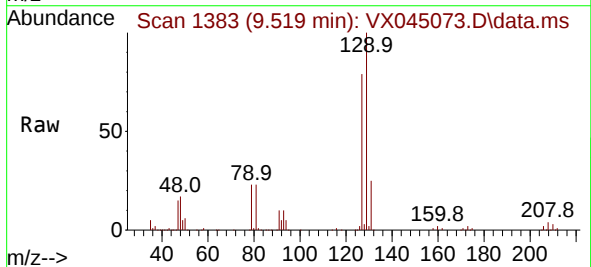
Manual Integrations
APPROVED

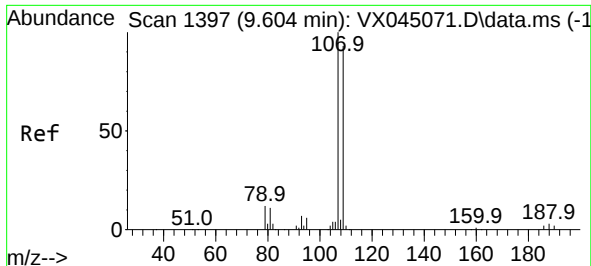
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 158.276 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

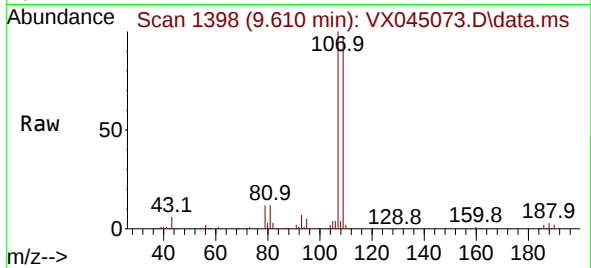
Tgt Ion:129 Resp: 201906
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 154.074 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

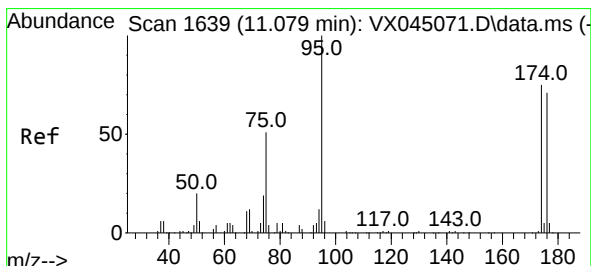
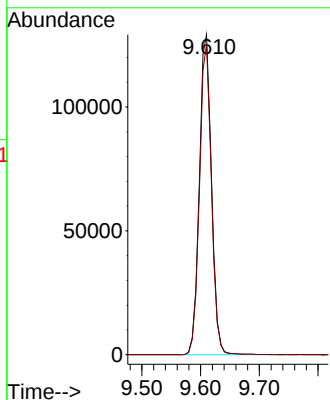
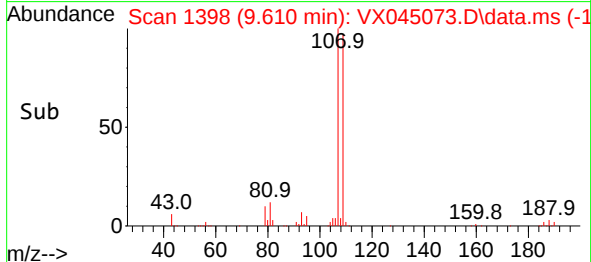
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:107 Resp: 185828
Ion Ratio Lower Upper
107 100
109 95.2 76.1 114.1

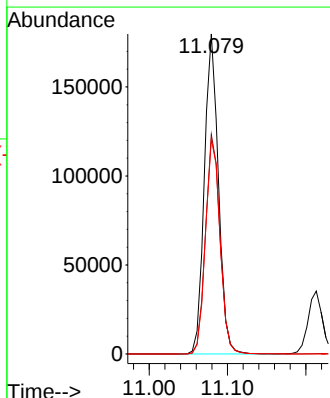
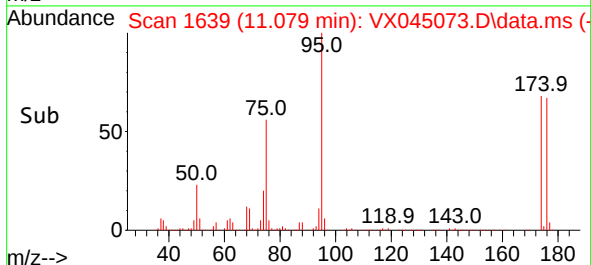
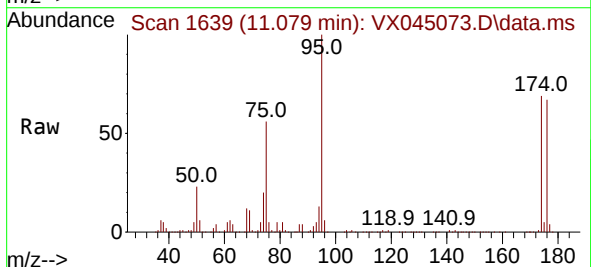
Manual Integrations
APPROVED

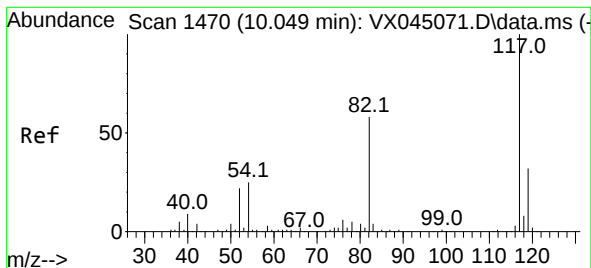
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 154.420 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion: 95 Resp: 223346
Ion Ratio Lower Upper
95 100
174 70.4 0.0 148.2
176 69.4 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

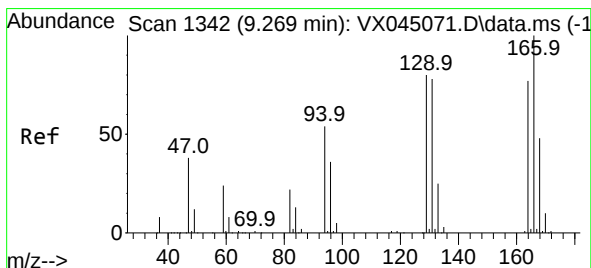
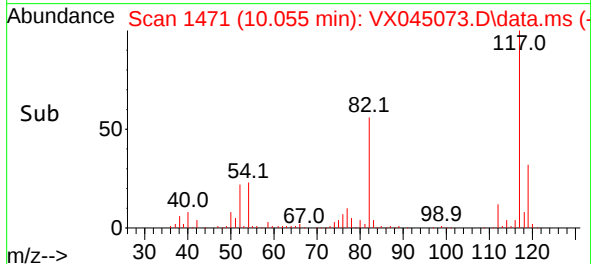
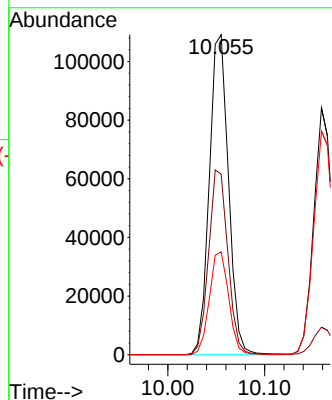
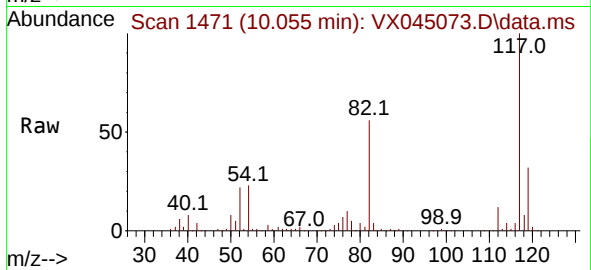
Tgt Ion:117 Resp: 15054
 Ion Ratio Lower Upper
 117 100
 82 56.4 46.3 69.5
 119 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#64

Tetrachloroethene

Concen: 145.906 ug/l

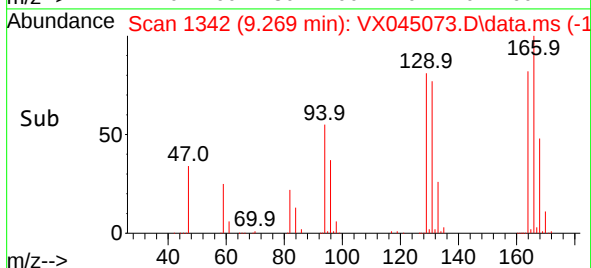
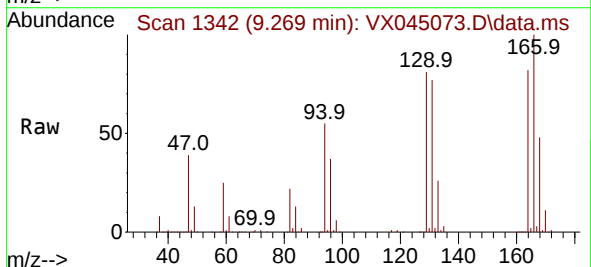
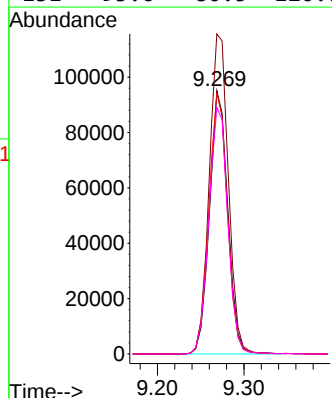
RT: 9.269 min Scan# 1342

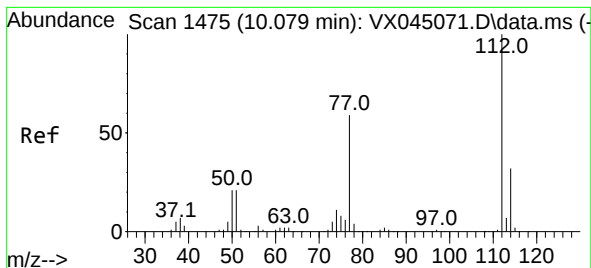
Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Tgt Ion:164 Resp: 139536
 Ion Ratio Lower Upper
 164 100
 166 121.6 103.6 155.4
 129 99.0 82.7 124.1
 131 93.6 80.5 120.7





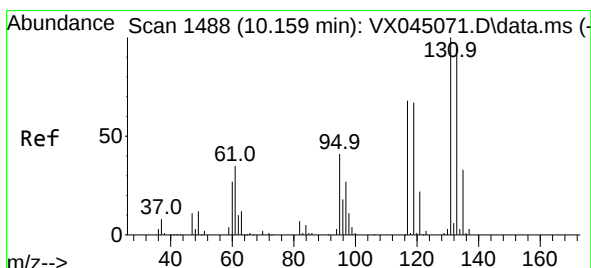
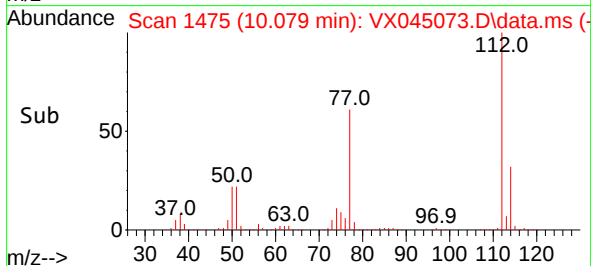
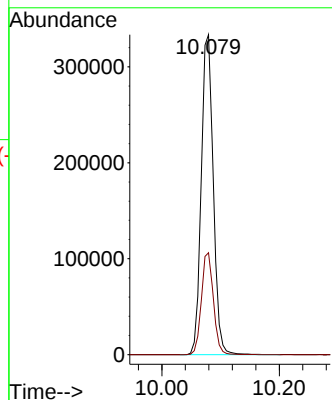
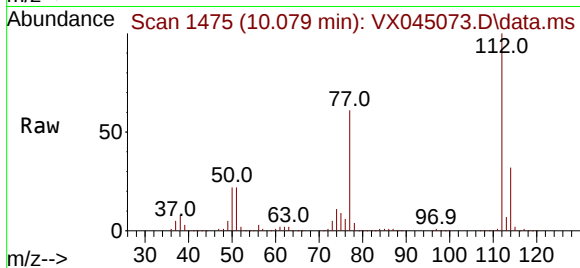
#65
Chlorobenzene
Concen: 146.096 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 47211
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

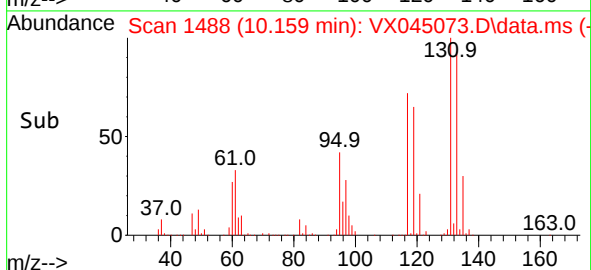
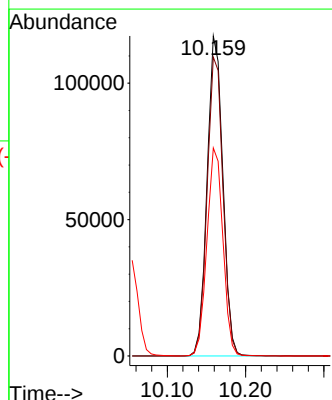
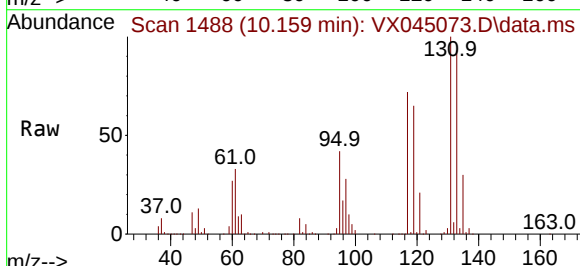
Manual Integrations
APPROVED

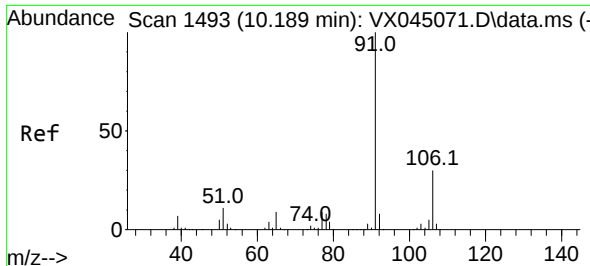
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 156.845 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

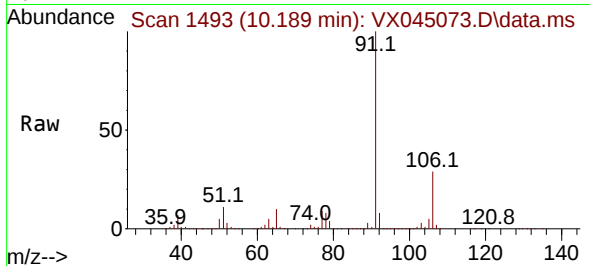
Tgt Ion:131 Resp: 163370
Ion Ratio Lower Upper
131 100
133 94.2 48.6 145.9
119 66.0 33.9 101.7





#67
Ethyl Benzene
Concen: 149.191 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

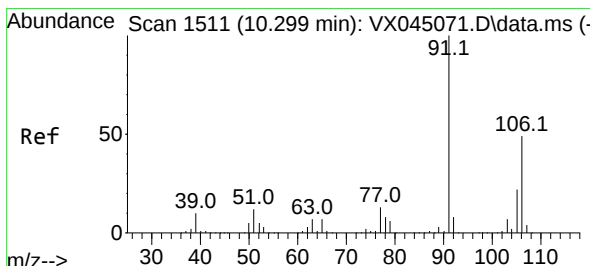
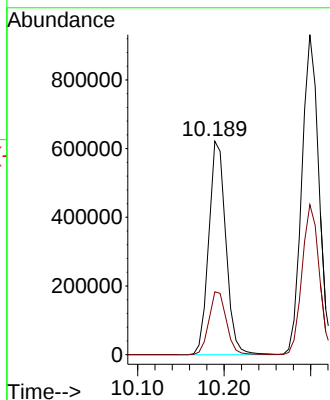
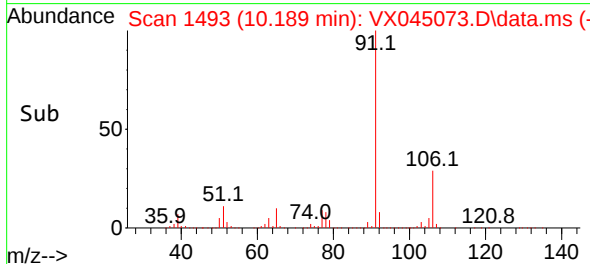
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



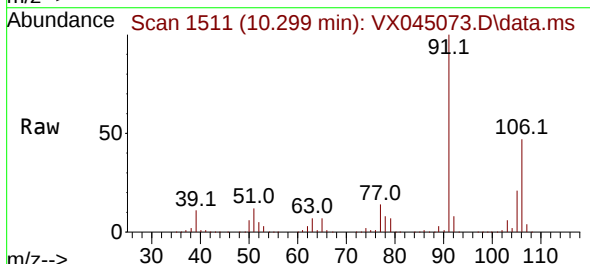
Tgt Ion: 91 Resp: 852574
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9

Manual Integrations
APPROVED

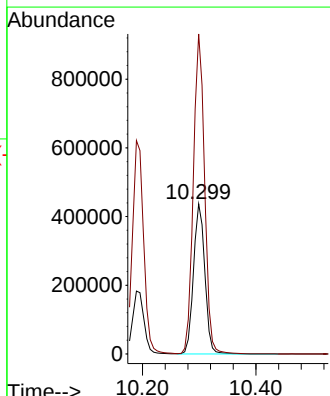
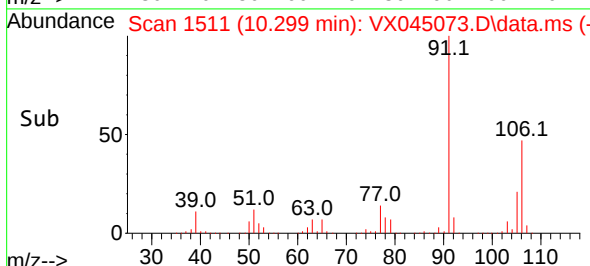
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

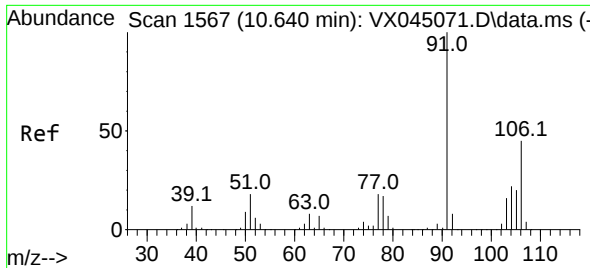


#68
m/p-Xylenes
Concen: 288.655 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



Tgt Ion:106 Resp: 607523
Ion Ratio Lower Upper
106 100
91 211.2 165.4 248.0





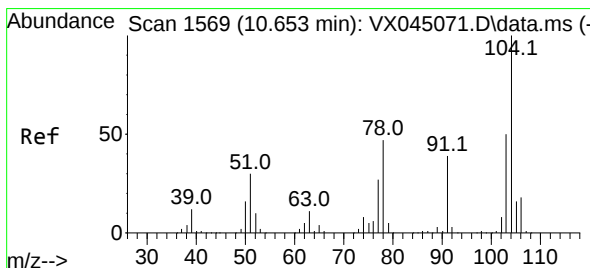
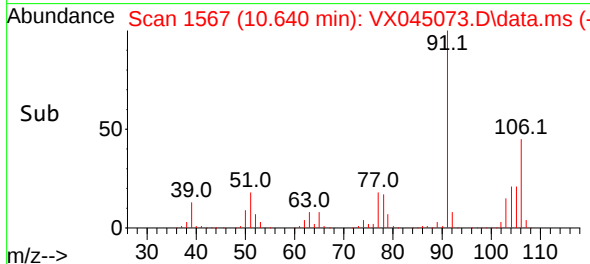
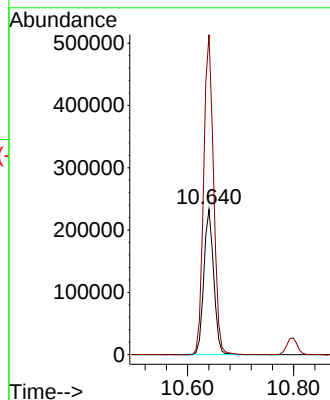
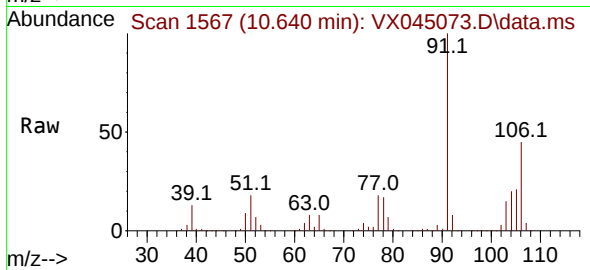
#69
o-Xylene
Concen: 143.259 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 302495
Ion Ratio Lower Upper
106 100
91 221.3 109.9 329.6

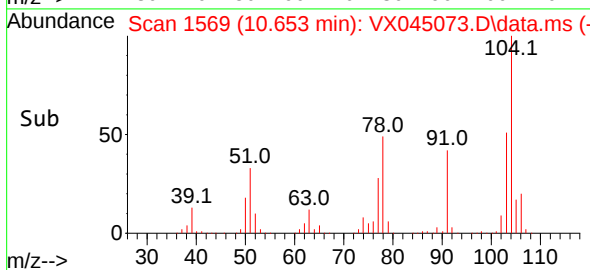
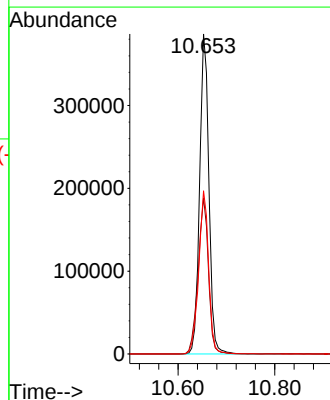
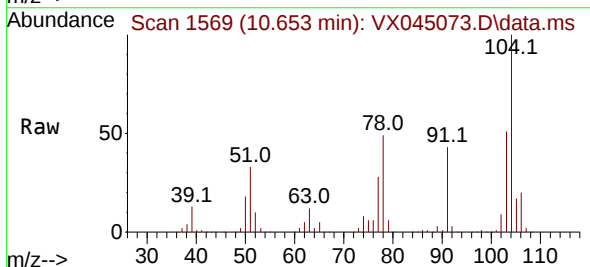
Manual Integrations
APPROVED

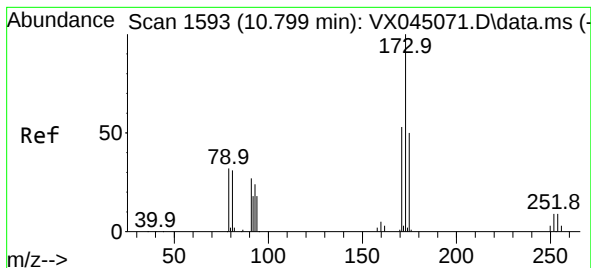
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 150.979 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:104 Resp: 512379
Ion Ratio Lower Upper
104 100
78 54.4 42.2 63.4
103 54.8 43.8 65.8





#71

Bromoform

Concen: 174.808 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 13538

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.6

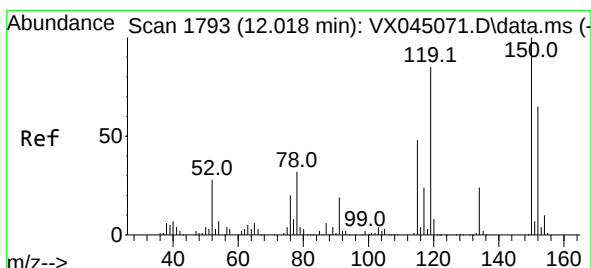
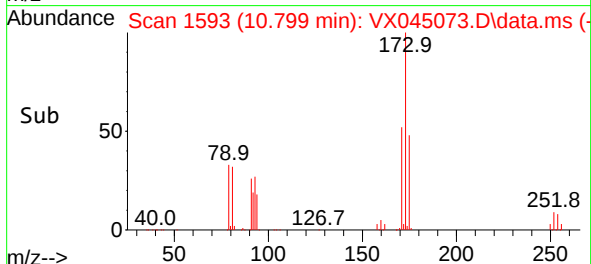
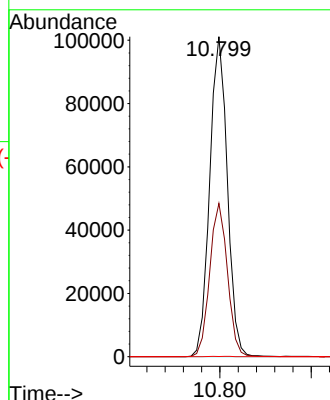
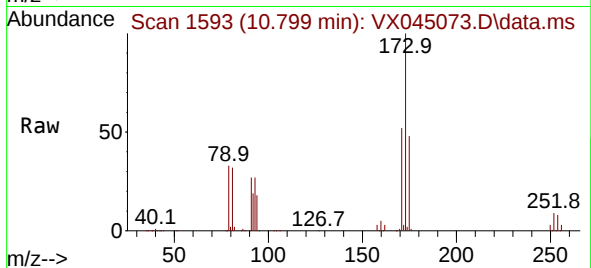
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

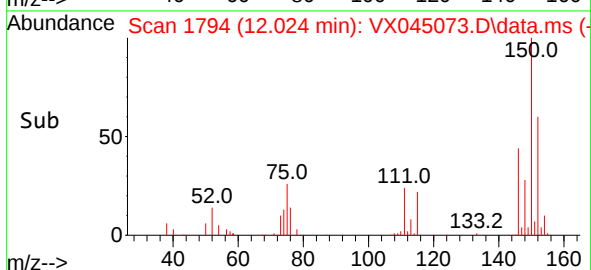
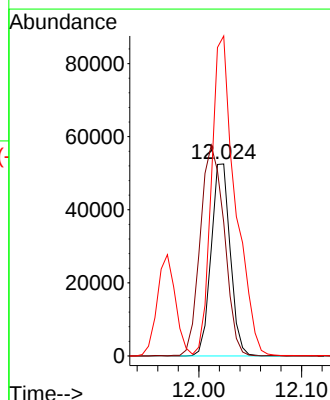
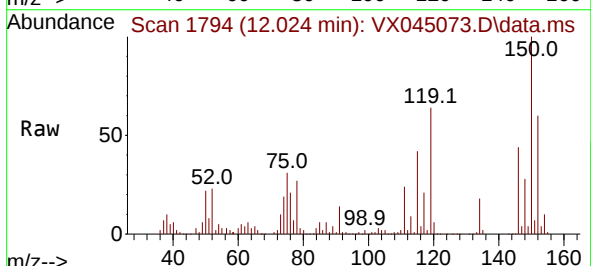
Tgt Ion:152 Resp: 67685

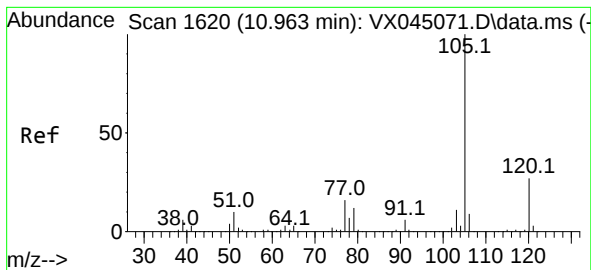
Ion Ratio Lower Upper

152 100

115 138.4 44.2 132.6

150 208.8 0.0 349.0





#73

Isopropylbenzene

Concen: 142.719 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 780700

Ion Ratio Lower Upper

105 100

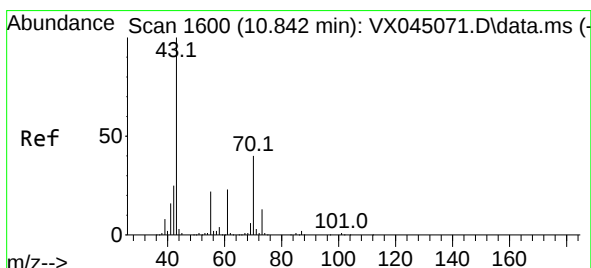
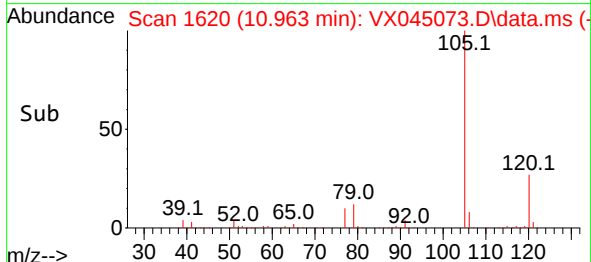
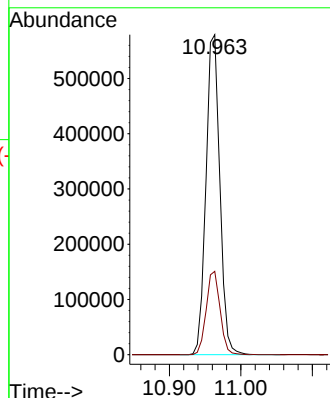
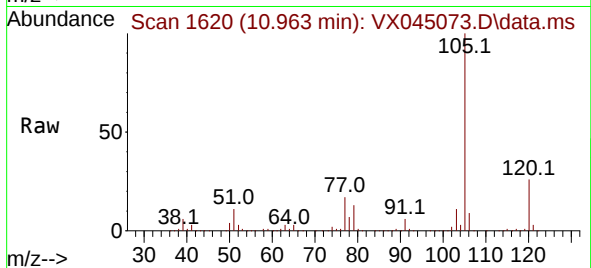
120 26.0 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#74

N-ethyl acetate

Concen: 173.042 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045073.D

Acq: 28 Feb 2025 03:47

Tgt Ion: 43 Resp: 429686

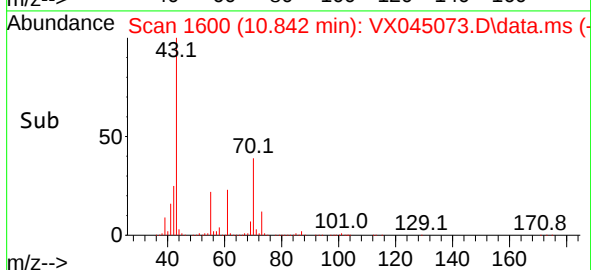
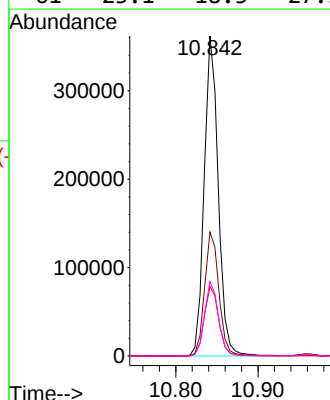
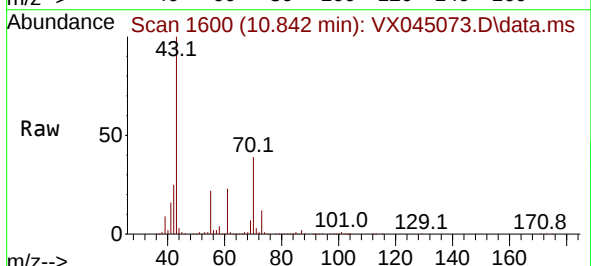
Ion Ratio Lower Upper

43 100

70 39.6 31.8 47.6

55 22.5 18.3 27.5

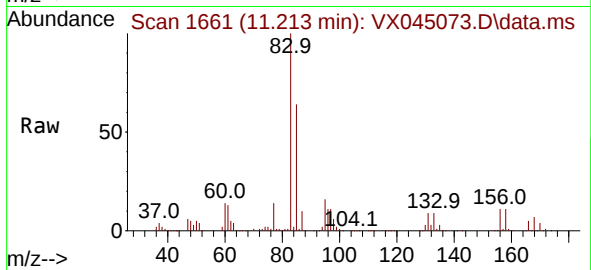
61 23.1 18.3 27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 150.458 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

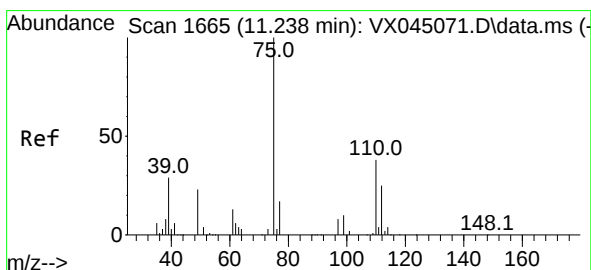
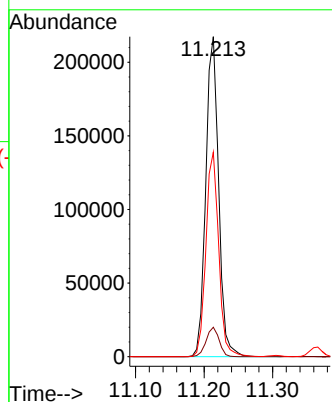
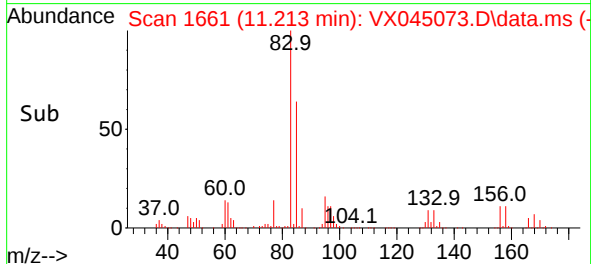
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



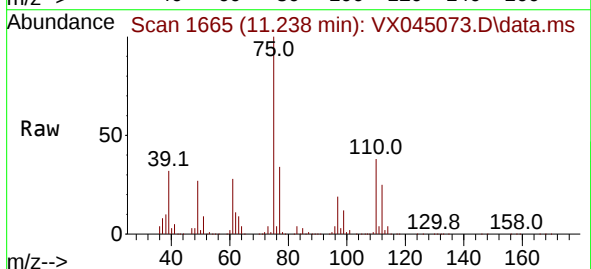
Tgt Ion: 83 Resp: 283558
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 63.8 31.7 95.1

Manual Integrations
APPROVED

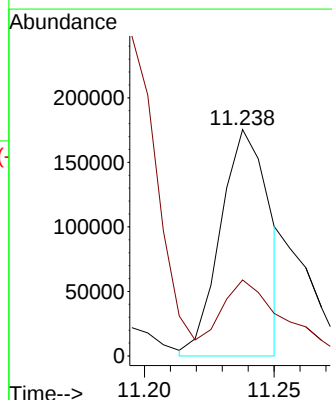
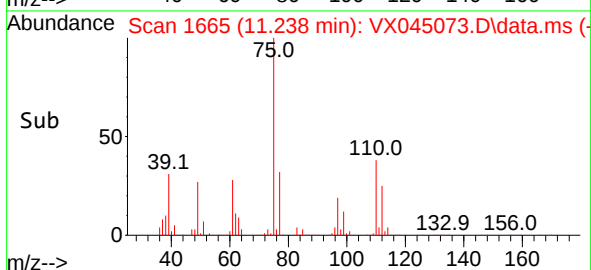
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

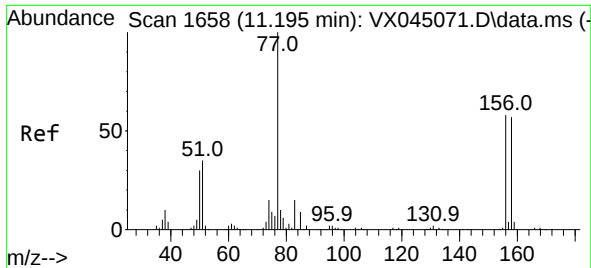


#76
1,2,3-Trichloropropane
Concen: 151.960 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



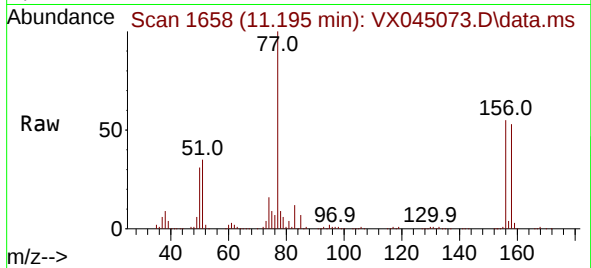
Tgt Ion: 75 Resp: 229435
Ion Ratio Lower Upper
75 100
77 43.2 20.7 62.1





#77
Bromobenzene
Concen: 145.760 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

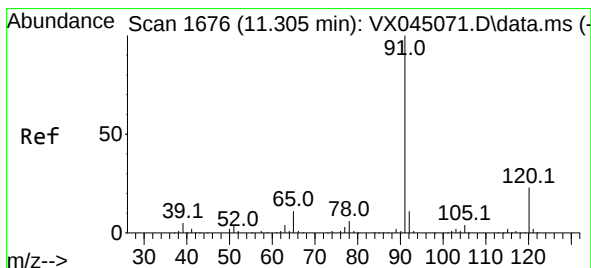
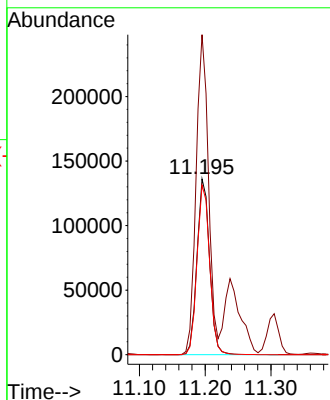
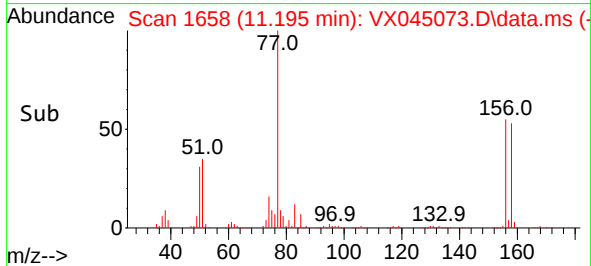
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



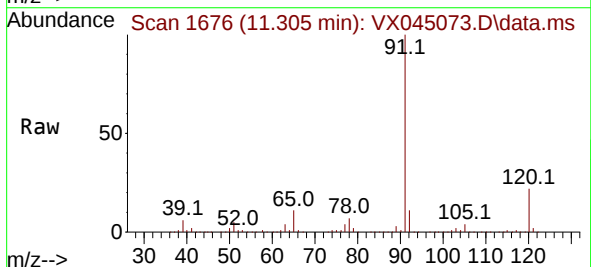
Tgt Ion:156 Resp: 18099
Ion Ratio Lower Upper
156 100
77 179.4 85.8 257.4
158 97.1 48.4 145.2

Manual Integrations
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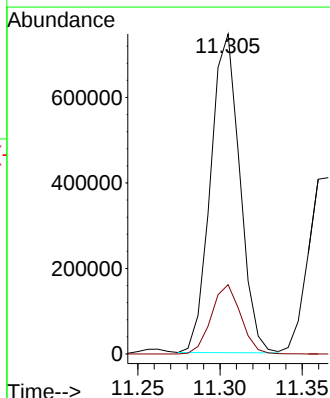
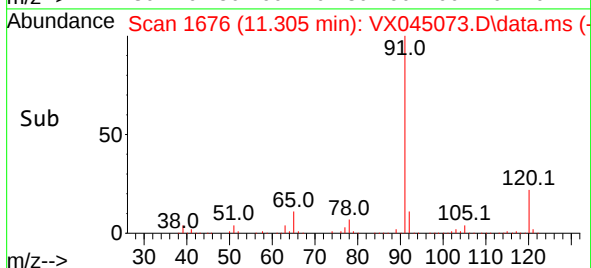
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

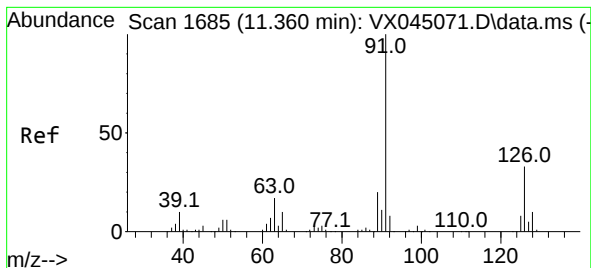


#78
n-propylbenzene
Concen: 146.395 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



Tgt Ion: 91 Resp: 923593
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.6





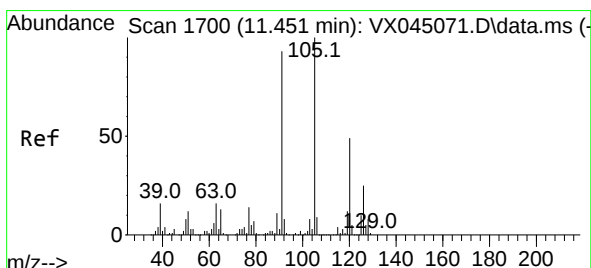
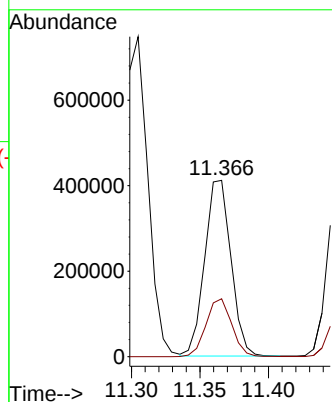
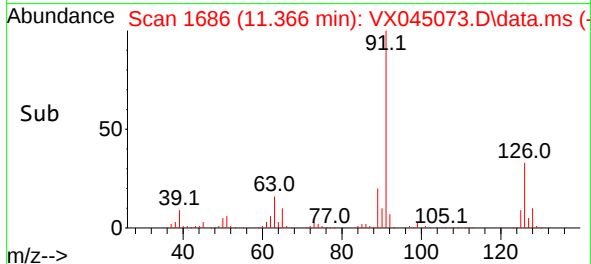
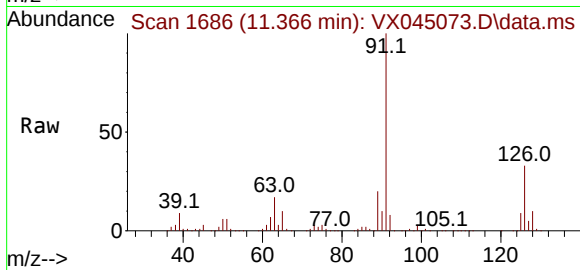
#79
2-Chlorotoluene
Concen: 141.695 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 54869
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4

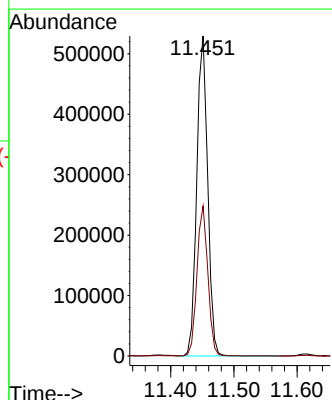
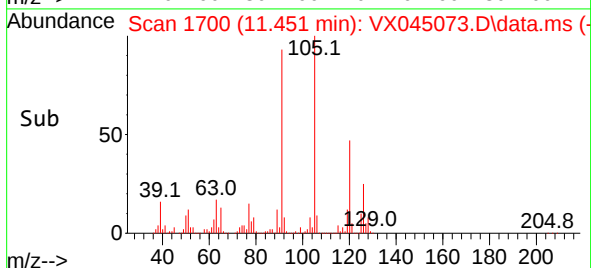
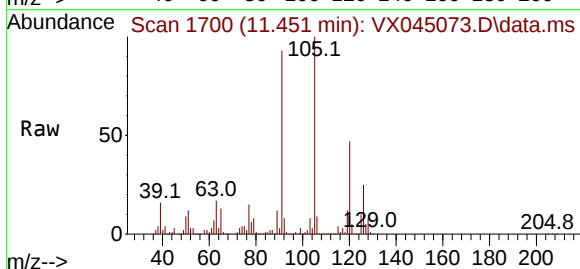
Manual Integrations
APPROVED

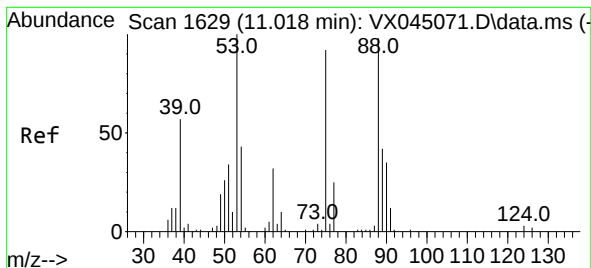
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 143.293 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Tgt Ion:105 Resp: 635832
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.2





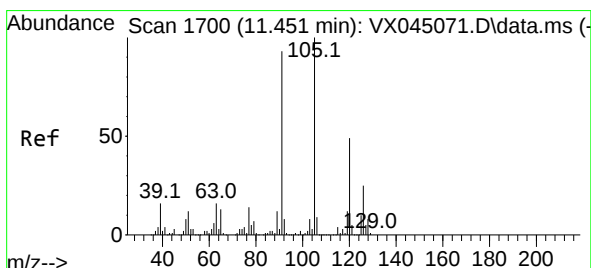
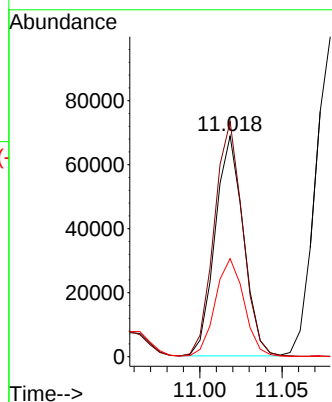
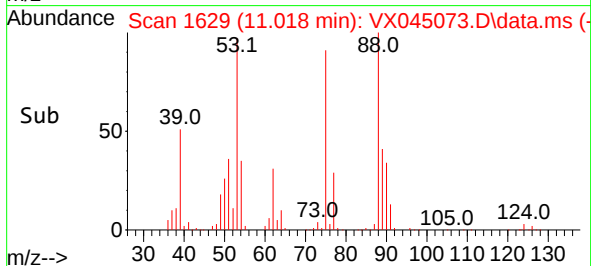
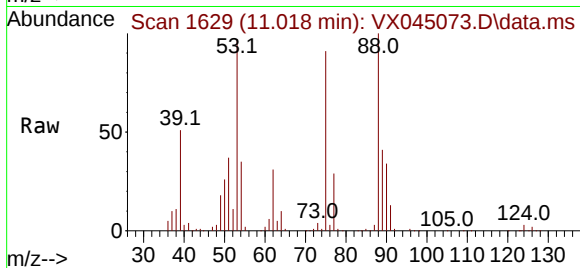
#81
trans-1,4-Dichloro-2-butene
Concen: 147.761 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 8226
Ion Ratio Lower Upper
75 100
53 107.7 88.5 132.7
89 45.2 36.2 54.4

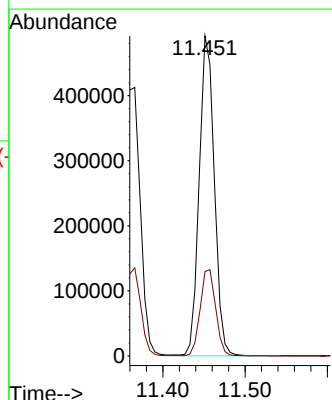
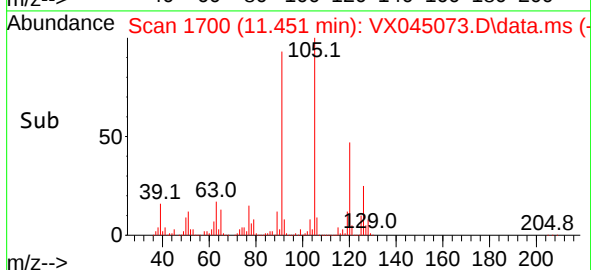
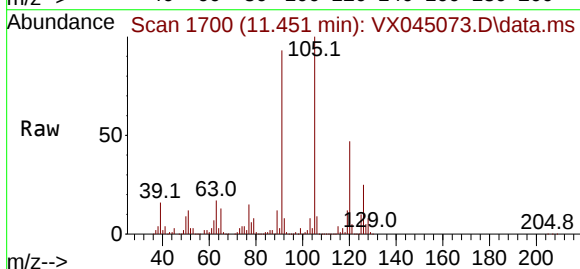
Manual Integrations
APPROVED

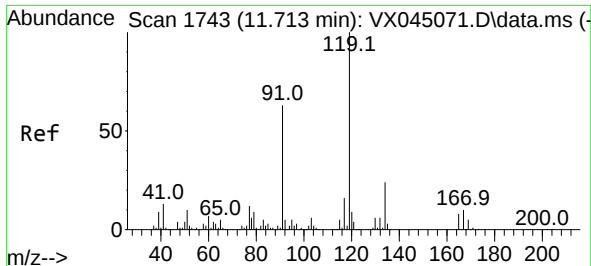
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 146.464 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

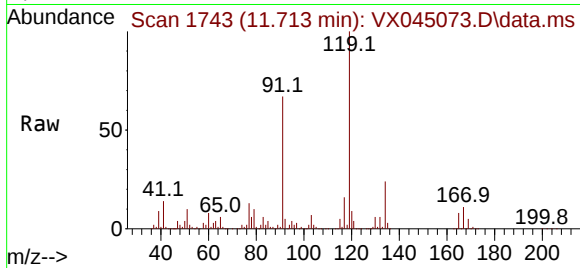
Tgt Ion: 91 Resp: 627816
Ion Ratio Lower Upper
91 100
126 27.8 14.1 42.4





#83
tert-Butylbenzene
Concen: 142.974 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

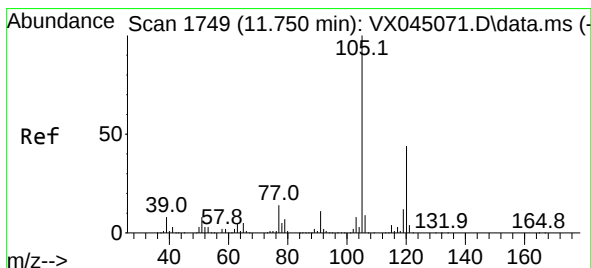
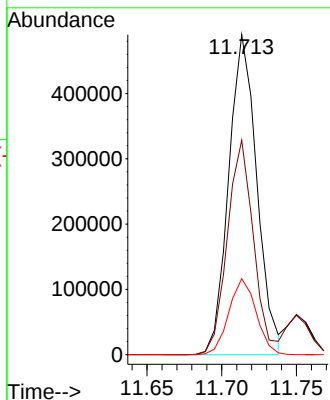
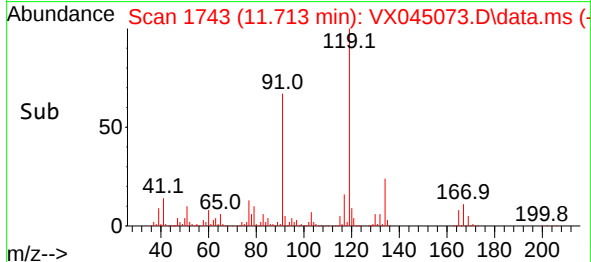
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



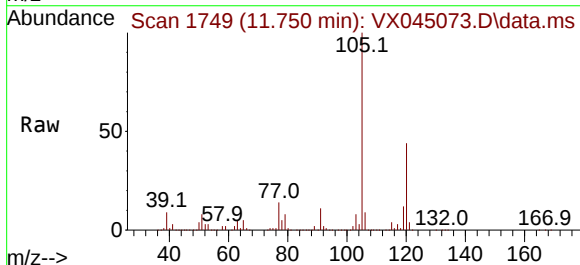
Tgt Ion:119 Resp: 641711
Ion Ratio Lower Upper
119 100
91 62.5 30.7 92.1
134 23.0 11.7 35.0

Manual Integrations
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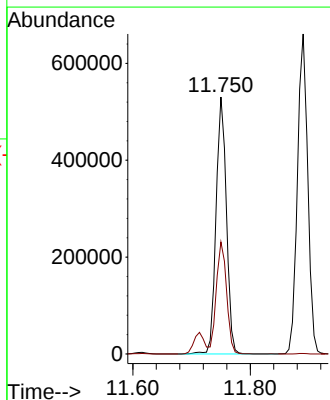
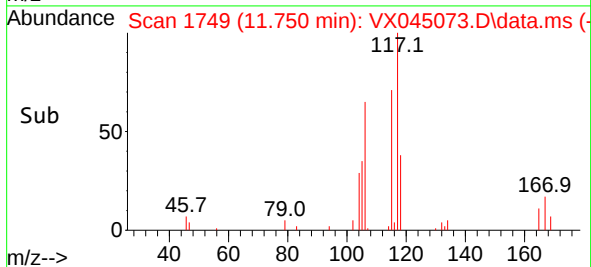
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

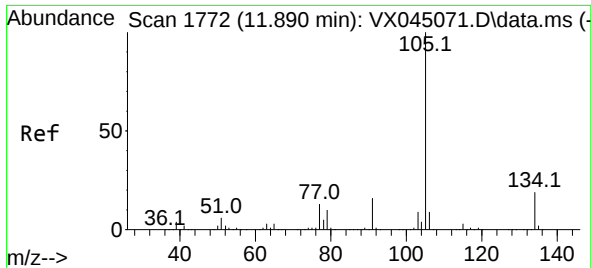


#84
1,2,4-Trimethylbenzene
Concen: 148.135 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



Tgt Ion:105 Resp: 647248
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





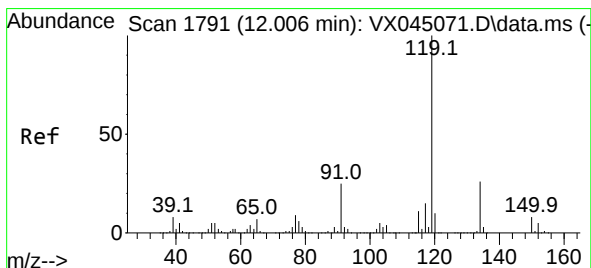
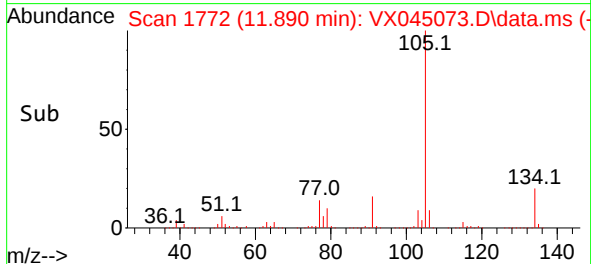
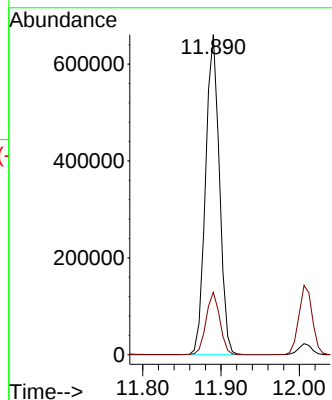
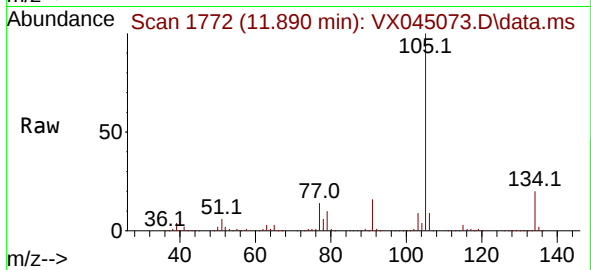
#85
 sec-Butylbenzene
 Concen: 145.383 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045073.D
 Acq: 28 Feb 2025 03:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 80771
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

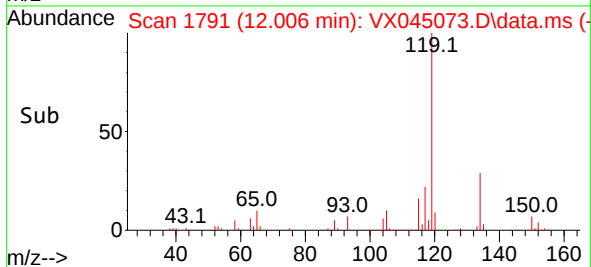
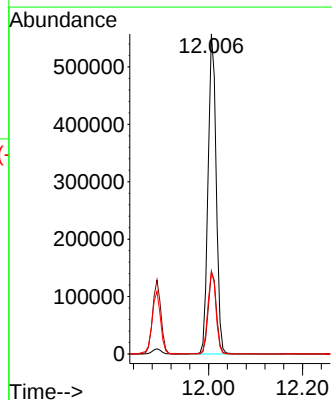
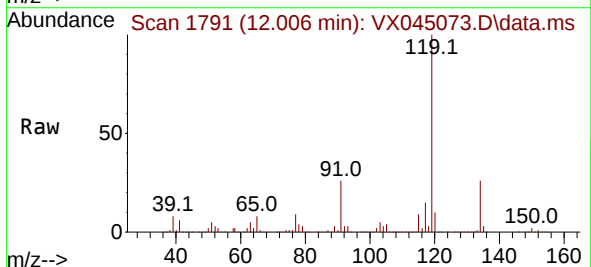
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#86
 p-Isopropyltoluene
 Concen: 149.075 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045073.D
 Acq: 28 Feb 2025 03:47

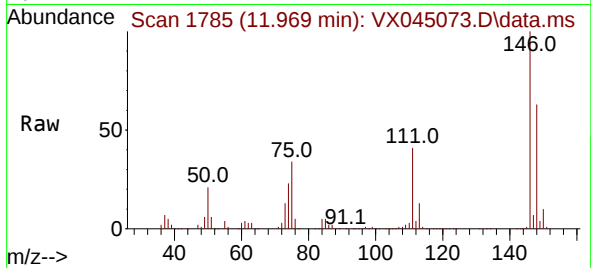
Tgt Ion:119 Resp: 664916
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 25.8 12.7 38.0





#87
1,3-Dichlorobenzene
Concen: 147.488 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

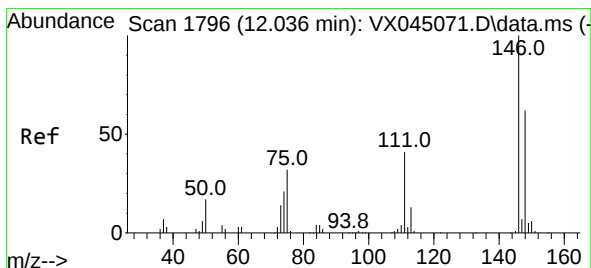
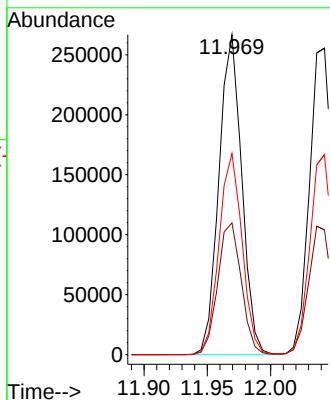
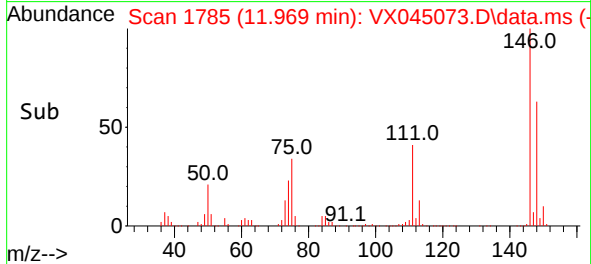
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



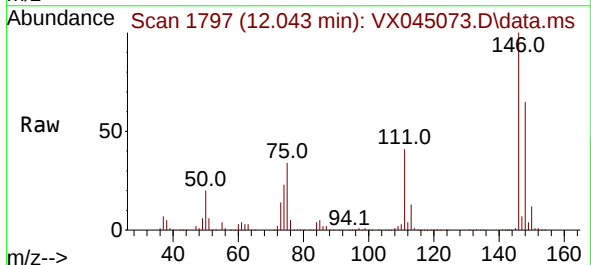
Tgt Ion:146 Resp: 33475
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.4
148 63.6 31.9 95.7

Manual Integrations
APPROVED

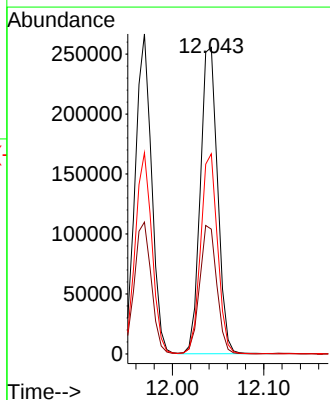
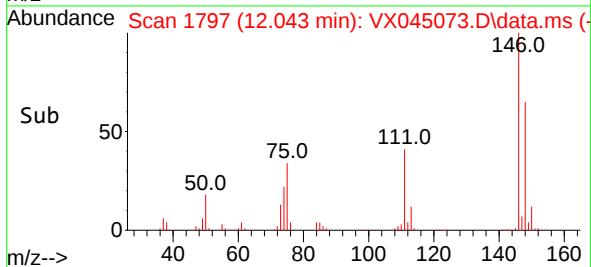
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

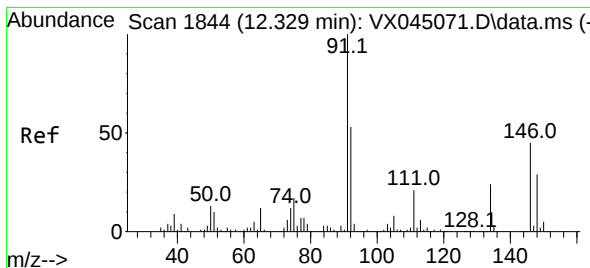


#88
1,4-Dichlorobenzene
Concen: 145.189 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



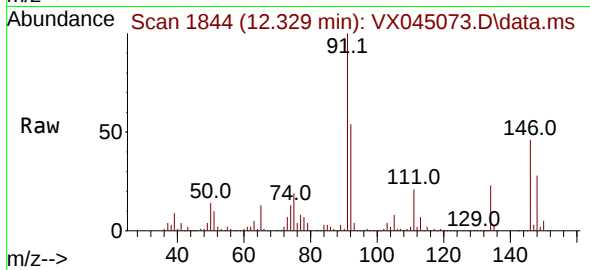
Tgt Ion:146 Resp: 333594
Ion Ratio Lower Upper
146 100
111 41.7 20.2 60.5
148 64.0 31.9 95.9





#89
n-Butylbenzene
Concen: 158.324 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

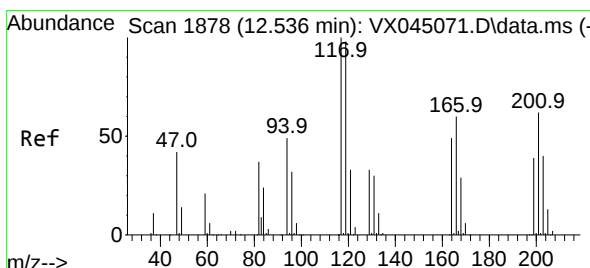
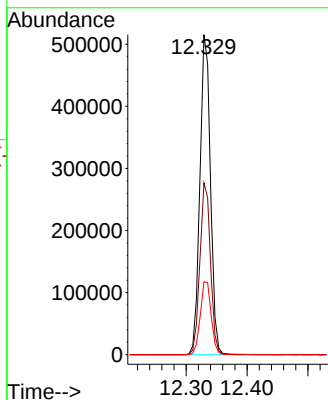
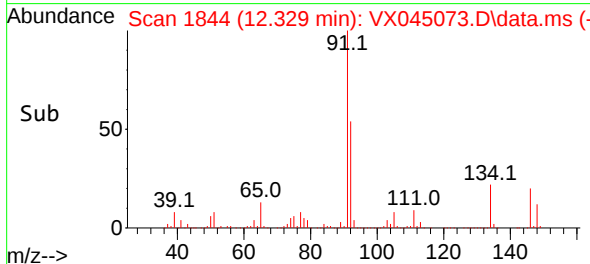
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 62075
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.0
134 23.6 12.2 36.6

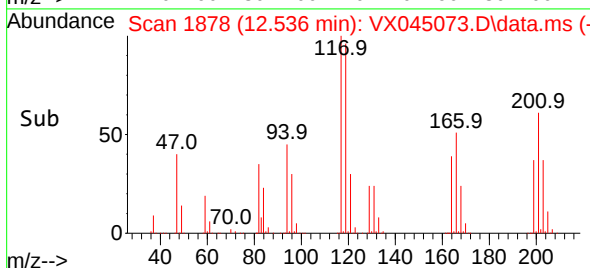
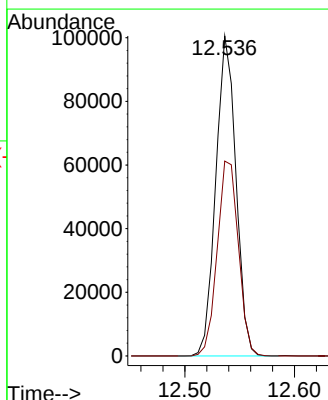
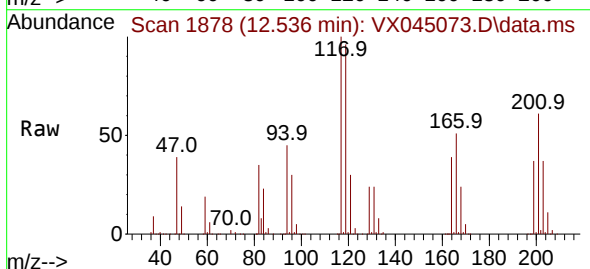
Manual Integrations
APPROVED

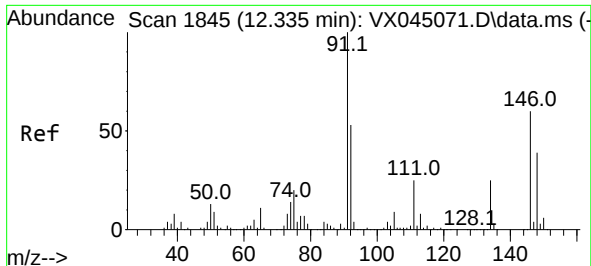
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#90
Hexachloroethane
Concen: 154.554 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

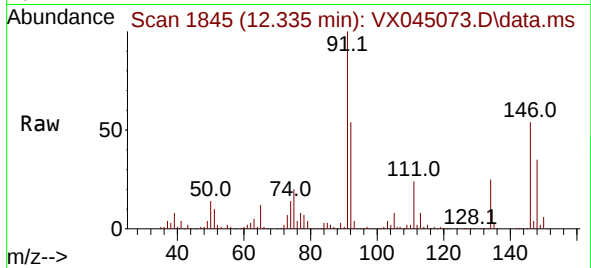
Tgt Ion:117 Resp: 128582
Ion Ratio Lower Upper
117 100
201 64.2 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 147.436 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

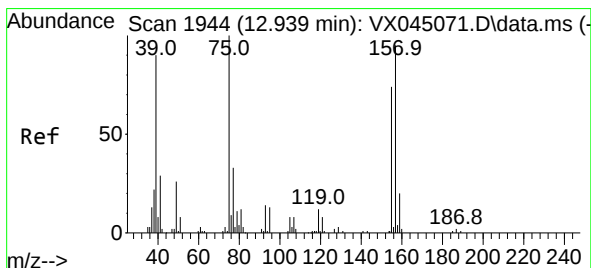
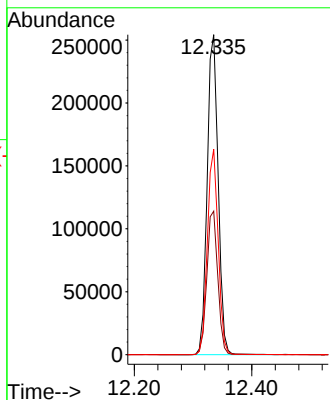
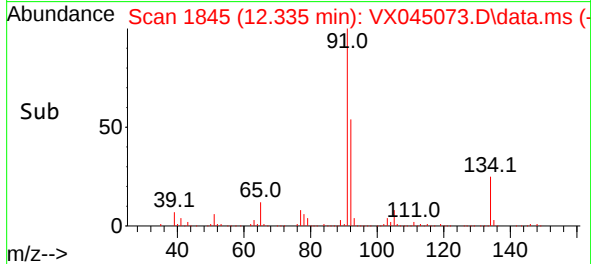
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



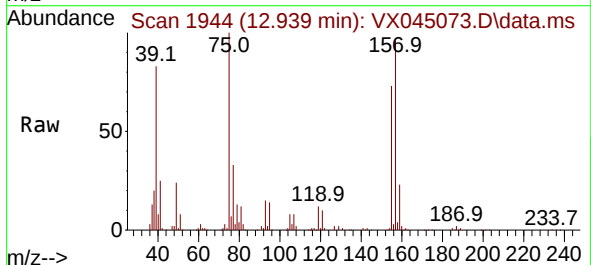
Tgt Ion:146 Resp: 329318
Ion Ratio Lower Upper
146 100
111 44.9 21.6 65.0
148 63.4 31.9 95.9

Manual Integrations
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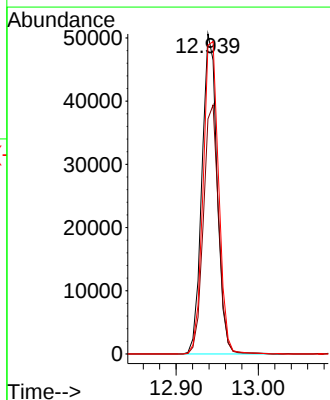
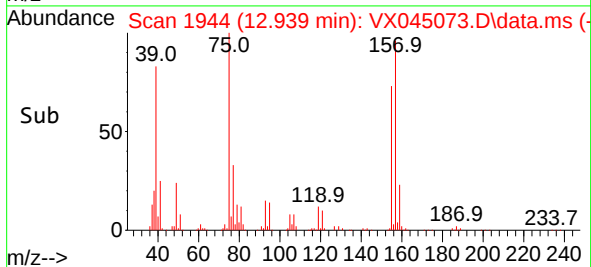
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

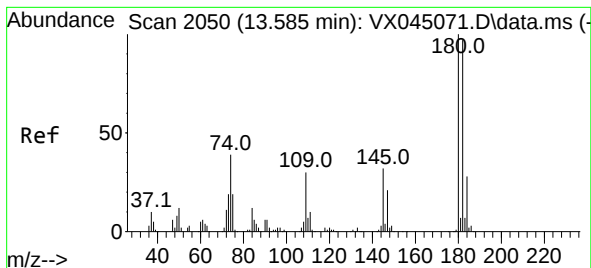


#92
1,2-Dibromo-3-Chloropropane
Concen: 186.240 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



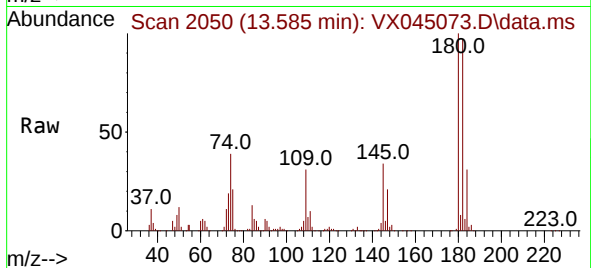
Tgt Ion: 75 Resp: 64958
Ion Ratio Lower Upper
75 100
155 77.9 39.6 118.7
157 100.1 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 162.416 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

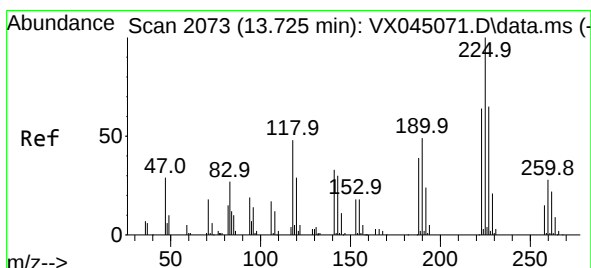
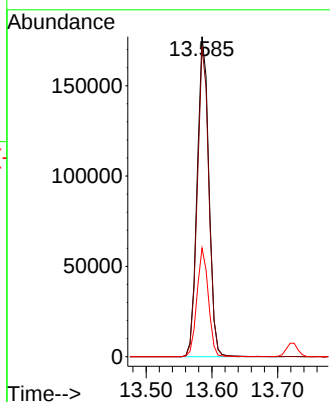
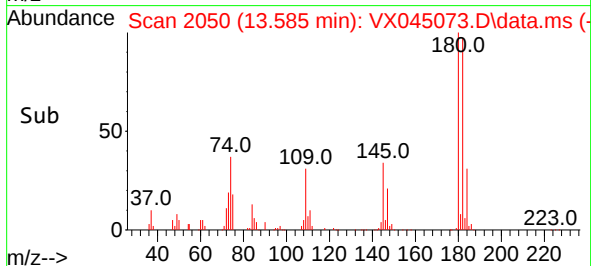
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



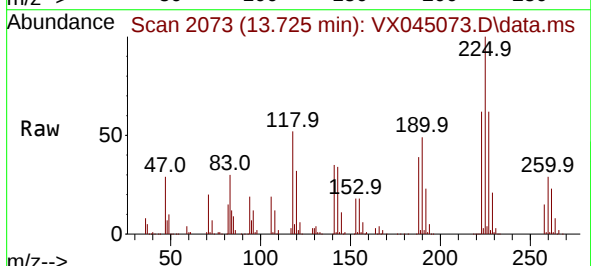
Tgt Ion:180 Resp: 21931
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 32.9 16.3 48.9

Manual Integrations
APPROVED

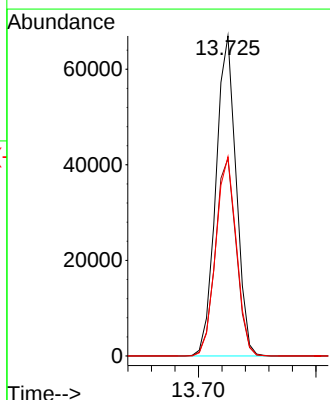
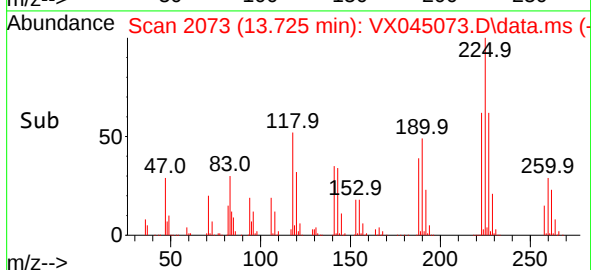
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

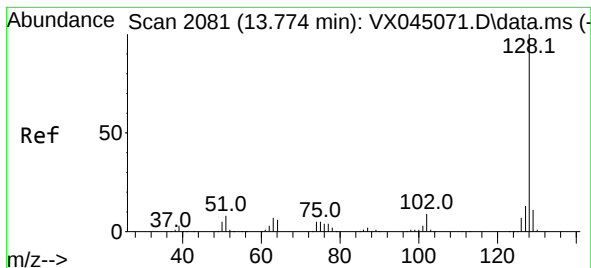


#94
Hexachlorobutadiene
Concen: 149.034 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



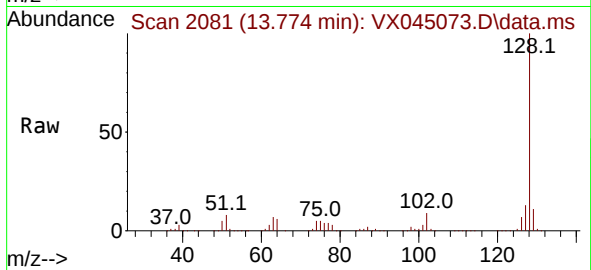
Tgt Ion:225 Resp: 80241
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 63.4 31.4 94.0





#95
Naphthalene
Concen: 168.538 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47

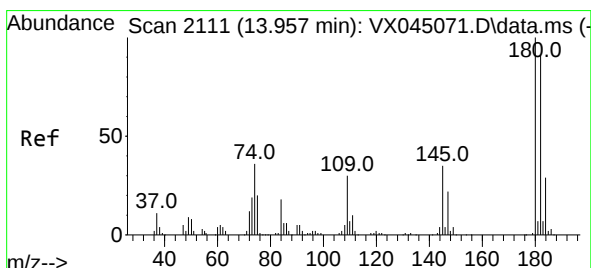
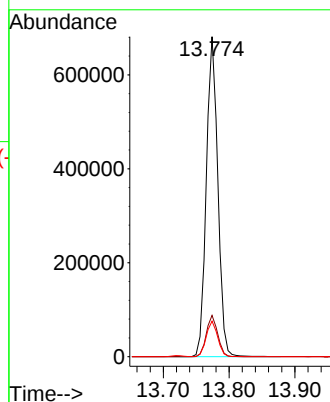
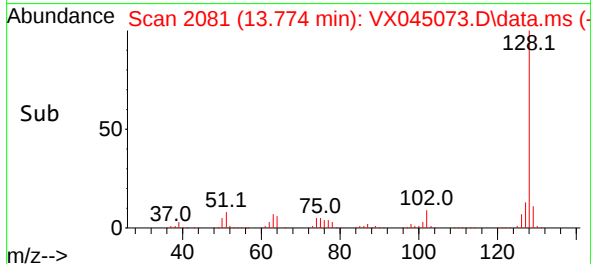
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



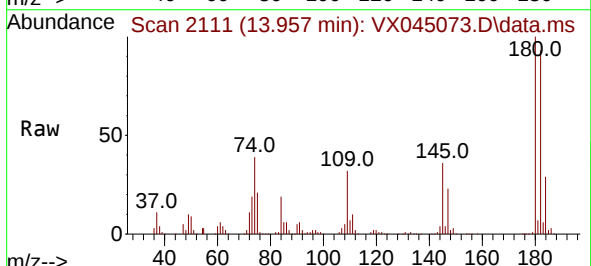
Tgt Ion:128 Resp: 828949
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 162.727 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045073.D
Acq: 28 Feb 2025 03:47



Tgt Ion:180 Resp: 222608
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.6
145 35.5 17.0 50.9

