

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045061.D
 Acq On : 27 Feb 2025 14:32
 Operator : JC/MD
 Sample : VX0227WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Feb 28 00:42:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	170779	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	154132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	76794	54.370	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.740%			
35) Dibromofluoromethane	5.379	113	59219	53.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.660%			
50) Toluene-d8	8.647	98	207864	49.507	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.020%			
62) 4-Bromofluorobenzene	11.079	95	73711	52.076	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	22930	16.944	ug/l	100
3) Chloromethane	1.313	50	26213	15.915	ug/l	99
4) Vinyl Chloride	1.374	62	25915	16.241	ug/l	99
5) Bromomethane	1.593	94	10243	21.451	ug/l	98
6) Chloroethane	1.666	64	14403	21.401	ug/l	100
7) Trichlorofluoromethane	1.874	101	38703	19.180	ug/l	100
8) Diethyl Ether	2.130	74	14936	20.409	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22033	18.071	ug/l	96
10) Methyl Iodide	2.441	142	25272	15.994	ug/l	96
11) Tert butyl alcohol	2.971	59	37036	141.342	ug/l	99
12) 1,1-Dichloroethene	2.313	96	21486	17.276	ug/l	96
13) Acrolein	2.233	56	21607	79.922	ug/l	99
14) Allyl chloride	2.654	41	42295	18.817	ug/l	98
15) Acrylonitrile	3.063	53	85916	122.804	ug/l	97
16) Acetone	2.380	43	76778	135.217	ug/l	95
17) Carbon Disulfide	2.502	76	49260	14.444	ug/l	97
18) Methyl Acetate	2.703	43	50491	28.179	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	79899	20.192	ug/l	98
20) Methylene Chloride	2.782	84	26690	19.190	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	21759	17.776	ug/l	94
22) Diisopropyl ether	3.757	45	86837	20.421	ug/l	93
23) Vinyl Acetate	3.715	43	360641	104.031	ug/l	97
24) 1,1-Dichloroethane	3.599	63	45949	19.312	ug/l	98
25) 2-Butanone	4.550	43	124646	135.187	ug/l	95
26) 2,2-Dichloropropane	4.465	77	28118	14.902	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	28424	19.332	ug/l	98
28) Bromochloromethane	4.891	49	22363	19.558	ug/l #	97
29) Tetrahydrofuran	5.001	42	77741	126.977	ug/l	98
30) Chloroform	5.087	83	46873	20.314	ug/l	97
31) Cyclohexane	5.465	56	36912	16.828	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	37529	19.175	ug/l	98
36) 1,1-Dichloropropene	5.684	75	29398	18.352	ug/l	99
37) Ethyl Acetate	4.709	43	43612	24.476	ug/l	100
38) Carbon Tetrachloride	5.666	117	31301	19.939	ug/l	97
39) Methylcyclohexane	7.373	83	36958	17.845	ug/l	98
40) Benzene	6.031	78	97676	19.527	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	24563	25.754	ug/l	97
42) 1,2-Dichloroethane	6.080	62	36386	22.823	ug/l	99
43) Isopropyl Acetate	6.336	43	66906	23.253	ug/l	98
44) Trichloroethene	7.117	130	21934	19.184	ug/l	96
45) 1,2-Dichloropropane	7.421	63	25374	20.389	ug/l	96
46) Dibromomethane	7.580	93	18721	21.692	ug/l	99
47) Bromodichloromethane	7.818	83	36674	21.946	ug/l	99
48) Methyl methacrylate	7.690	41	32804	24.179	ug/l	96
49) 1,4-Dioxane	7.659	88	15721	540.094	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	239298	136.800	ug/l	96
52) Toluene	8.714	92	59252	19.889	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	32412	19.167	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	37548	19.914	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	25815	22.542	ug/l	98
56) Ethyl methacrylate	9.116	69	39395	21.299	ug/l	95
57) 1,3-Dichloropropane	9.305	76	43593	21.756	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	104675	115.259	ug/l	98
59) 2-Hexanone	9.427	43	177178	140.577	ug/l	96
60) Dibromochloromethane	9.519	129	27402	22.374	ug/l	99
61) 1,2-Dibromoethane	9.604	107	25153	21.670	ug/l	99
64) Tetrachloroethene	9.269	164	18537	19.070	ug/l	95
65) Chlorobenzene	10.080	112	64829	19.583	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21543	20.218	ug/l	98
67) Ethyl Benzene	10.189	91	112223	19.210	ug/l	99
68) m/p-Xylenes	10.299	106	84131	39.039	ug/l	99
69) o-Xylene	10.640	106	41553	19.216	ug/l	96
70) Styrene	10.653	104	70784	20.318	ug/l	99
71) Bromoform	10.799	173	18203	22.890	ug/l #	98
73) Isopropylbenzene	10.957	105	109078	18.901	ug/l	100
74) N-amyl acetate	10.842	43	55260	21.160	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	42581	21.472	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	34291m	21.579	ug/l	
77) Bromobenzene	11.195	156	25625	19.585	ug/l	97
78) n-propylbenzene	11.299	91	126393	18.974	ug/l	99
79) 2-Chlorotoluene	11.360	91	77199	18.857	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	91149	19.463	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9967	16.134	ug/l #	85
82) 4-Chlorotoluene	11.451	91	86420	19.080	ug/l	99
83) tert-Butylbenzene	11.713	119	92673	19.561	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	91018	19.691	ug/l	100
85) sec-Butylbenzene	11.890	105	113170	19.290	ug/l	100
86) p-Isopropyltoluene	12.006	119	93438	19.805	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46720	19.417	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	47510	19.529	ug/l	99
89) n-Butylbenzene	12.329	91	79418	19.027	ug/l	100
90) Hexachloroethane	12.536	117	16053	18.172	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	48576	20.542	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8581	23.708	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	26944	18.830	ug/l	100
94) Hexachlorobutadiene	13.725	225	11314	19.917	ug/l	99
95) Naphthalene	13.774	128	104858	20.272	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28158	19.529	ug/l	99

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ClientSampleId :
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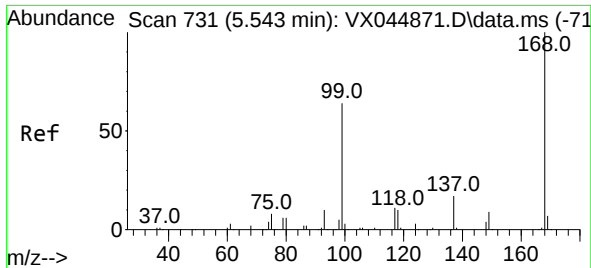
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

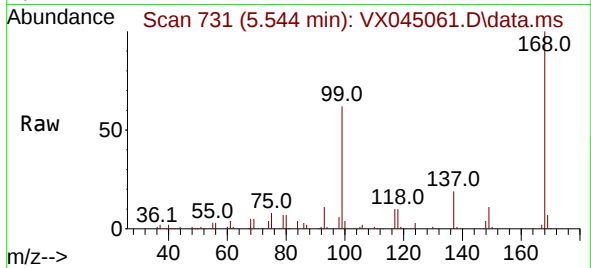
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

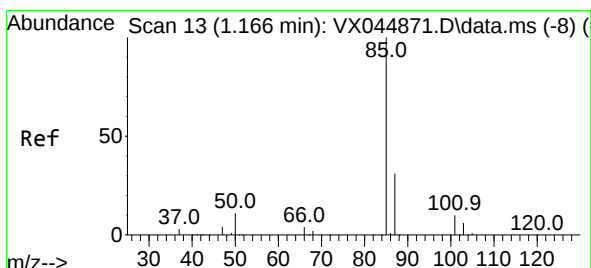
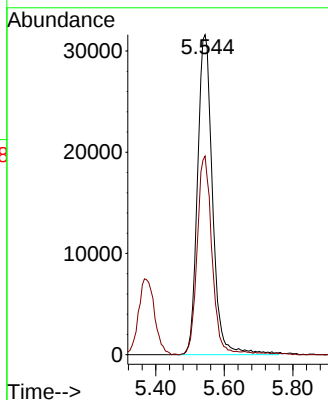
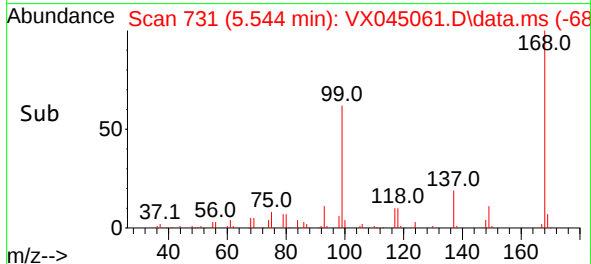
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion:168 Resp: 96490
Ion Ratio Lower Upper
168 100
99 62.0 51.2 76.8

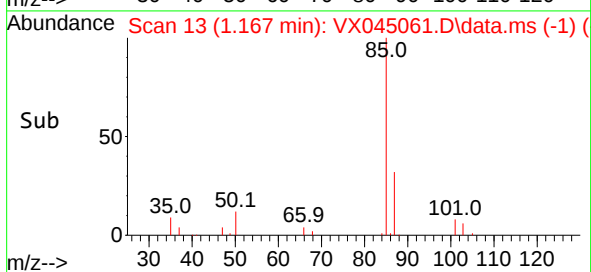
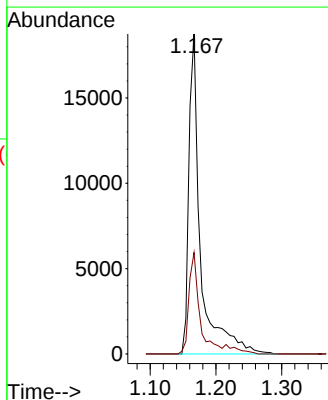
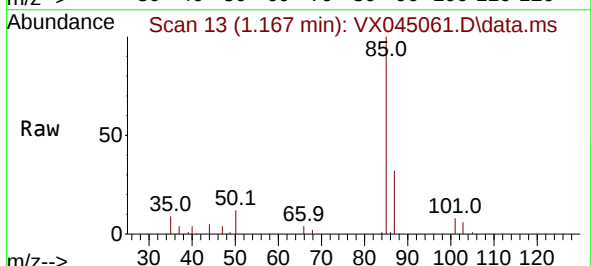
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#2
Dichlorodifluoromethane
Concen: 16.944 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Tgt Ion: 85 Resp: 22930
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.3





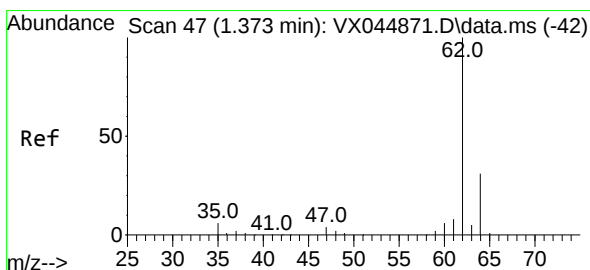
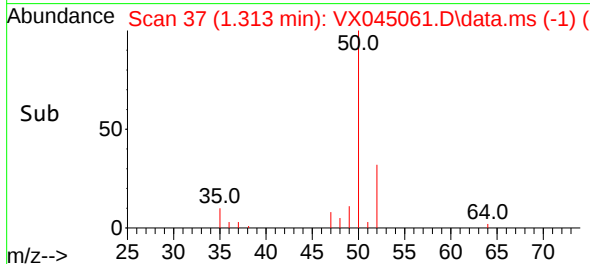
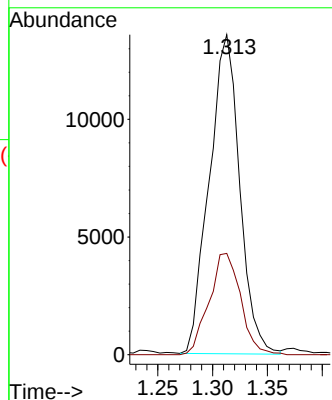
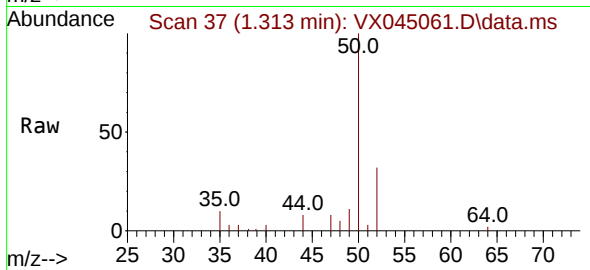
#3
Chloromethane
Concen: 15.915 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tgt Ion: 50 Resp: 2621
Ion Ratio Lower Upper
50 100
52 31.8 25.9 38.9

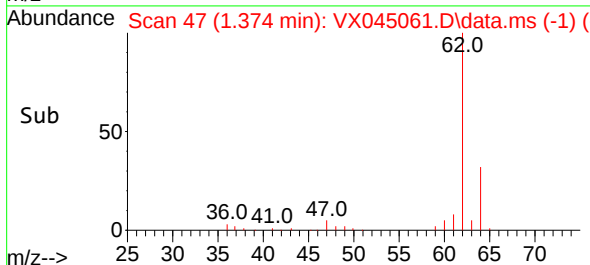
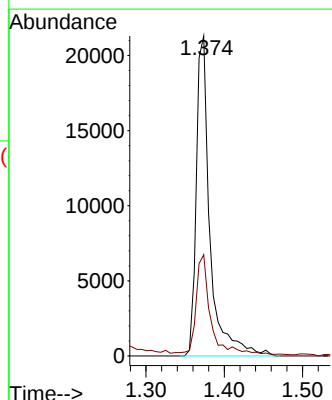
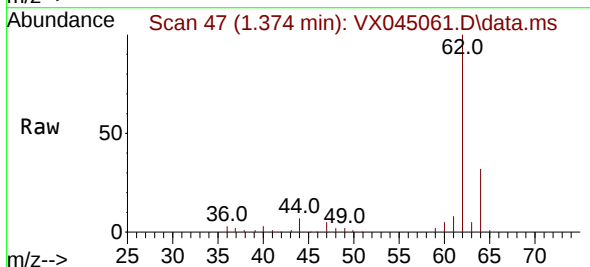
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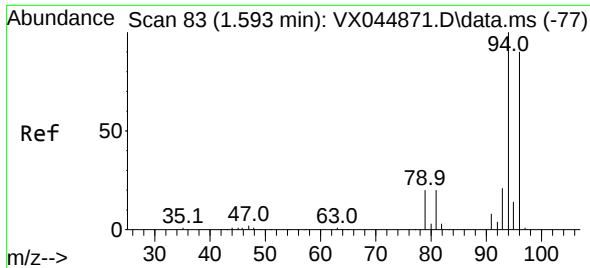
Reviewed By :John Carlone 02/28/2025
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#4
Vinyl Chloride
Concen: 16.241 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

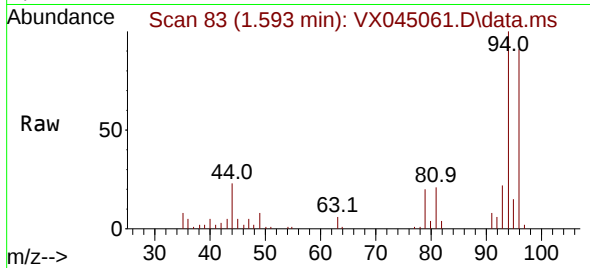
Tgt Ion: 62 Resp: 25915
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0





#5
Bromomethane
Concen: 21.451 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

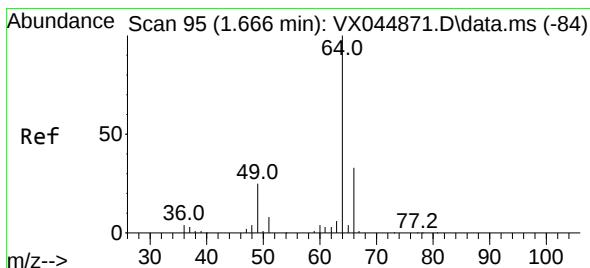
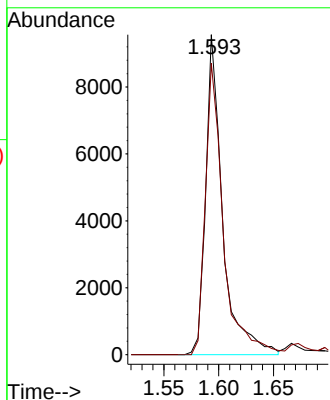
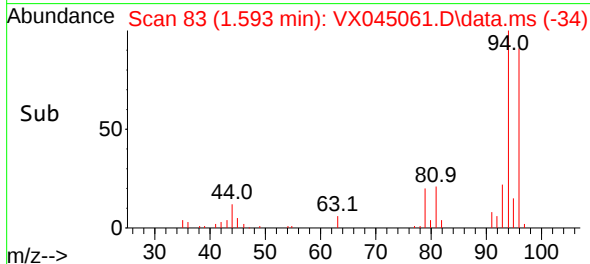
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 1024
Ion Ratio Lower Upper
94 100
96 91.1 71.6 107.4

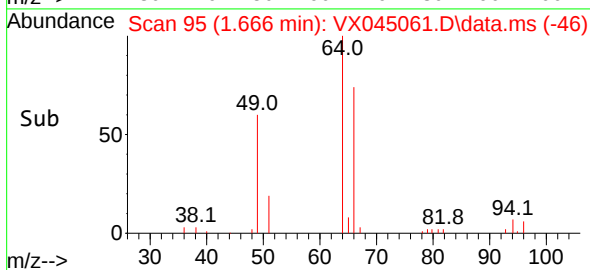
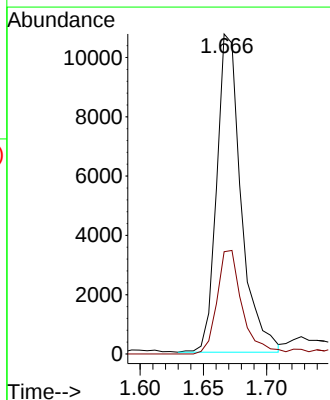
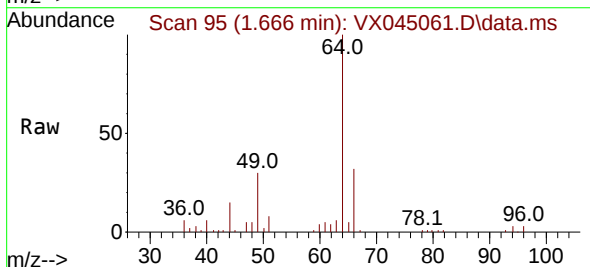
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#6
Chloroethane
Concen: 21.401 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

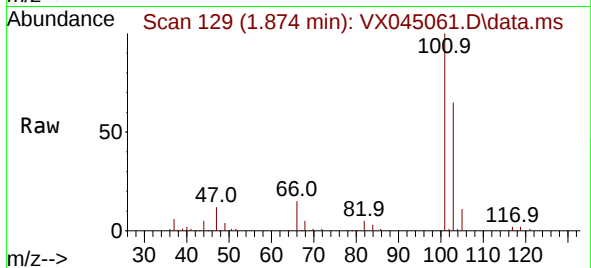
Tgt Ion: 64 Resp: 14403
Ion Ratio Lower Upper
64 100
66 32.2 25.9 38.9





#7
Trichlorofluoromethane
Concen: 19.180 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX045061.D
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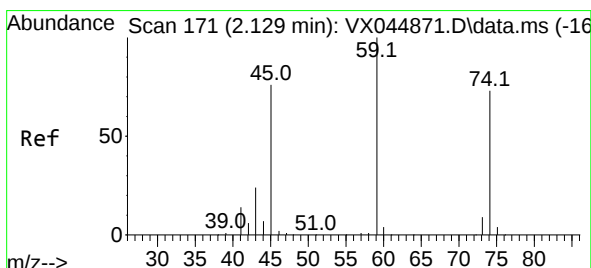
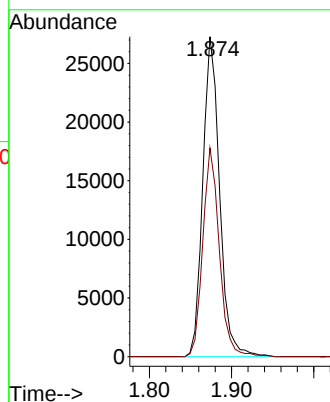
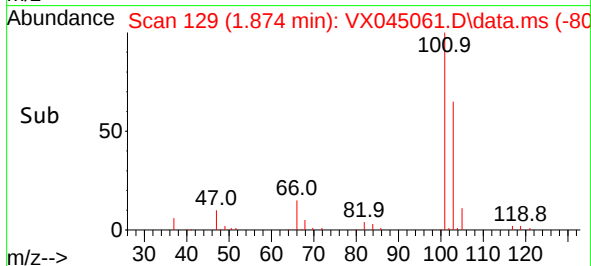
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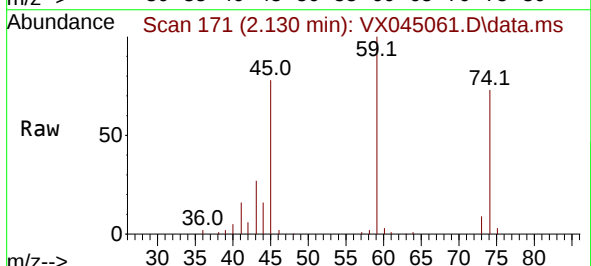
Tgt Ion:101 Resp: 3870
Ion Ratio Lower Upper
101 100
103 65.2 52.4 78.6

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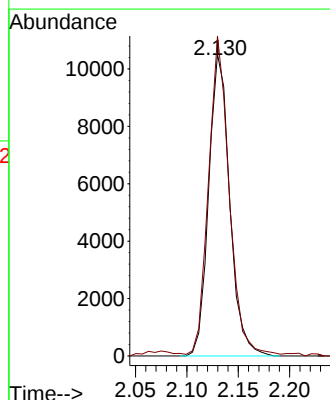
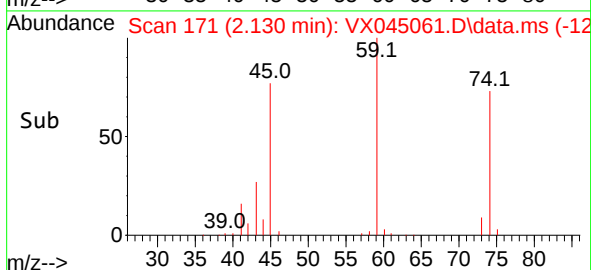
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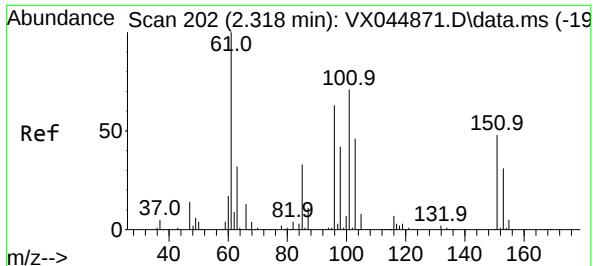


#8
Diethyl Ether
Concen: 20.409 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



Tgt Ion: 74 Resp: 14936
Ion Ratio Lower Upper
74 100
45 103.5 51.1 153.4





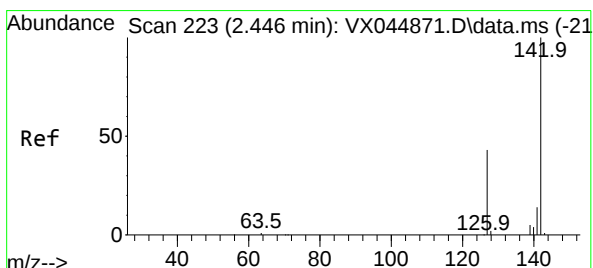
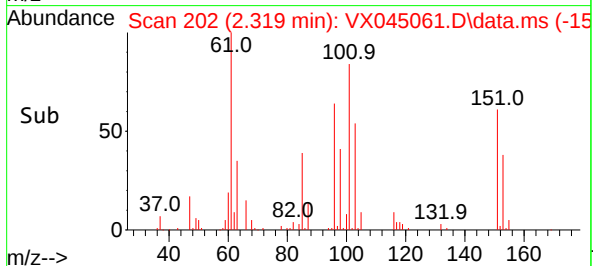
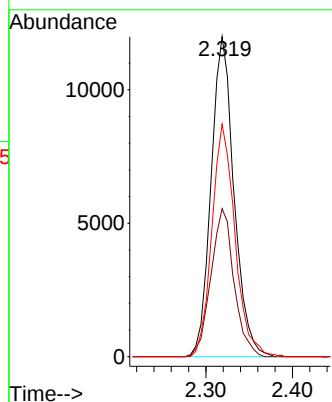
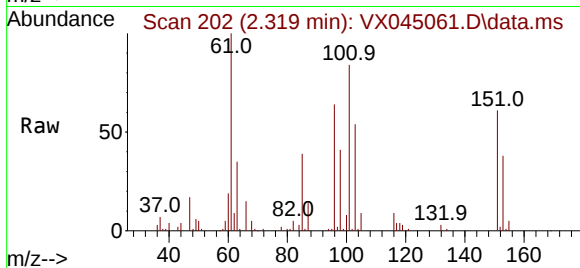
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.071 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX045061.D
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Tgt Ion:101 Resp: 2203
Ion Ratio Lower Upper
101 100
85 46.5 35.7 53.5
151 73.3 56.0 84.0

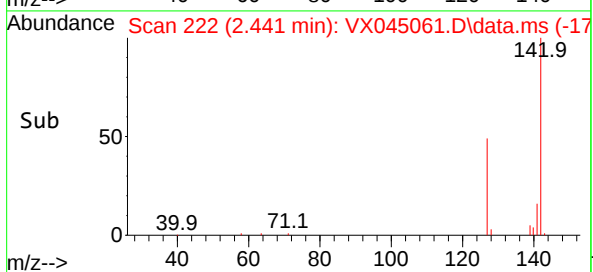
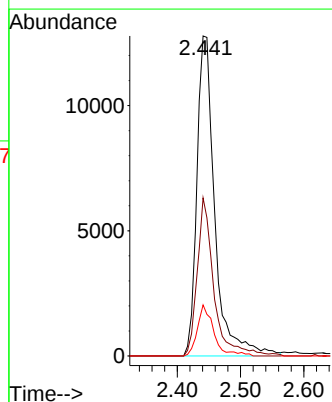
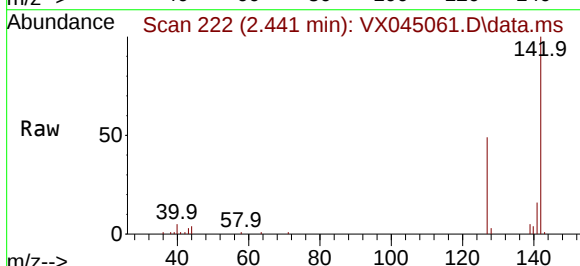
Manual Integrations
APPROVED

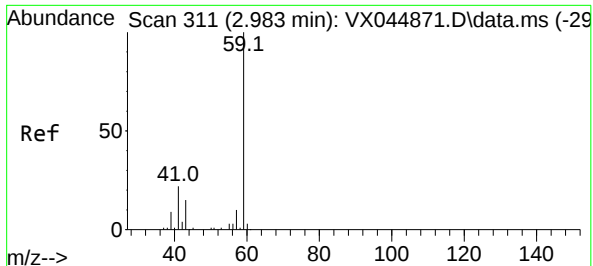
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#10
Methyl Iodide
Concen: 15.994 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

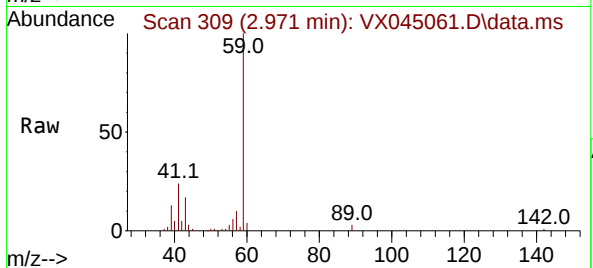
Tgt Ion:142 Resp: 25272
Ion Ratio Lower Upper
142 100
127 45.9 34.3 51.5
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 141.342 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

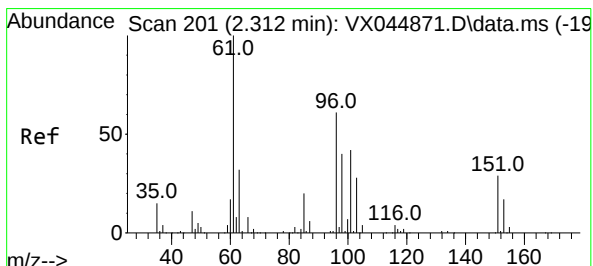
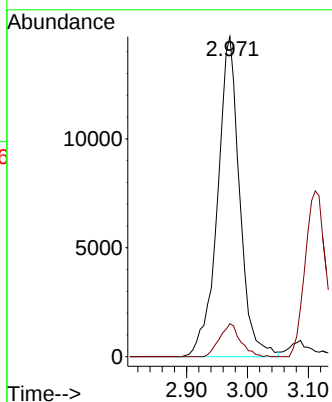
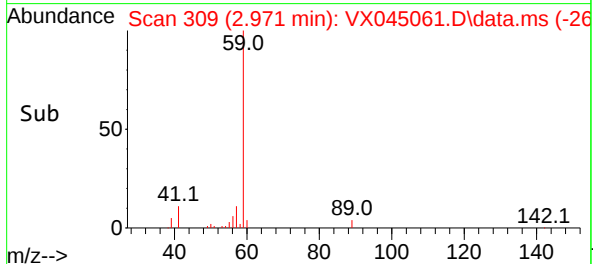
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 59 Resp: 37030
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1

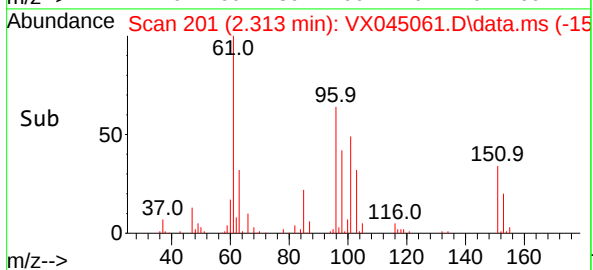
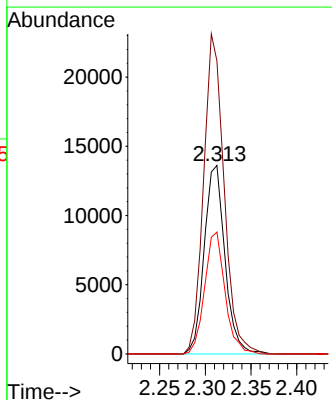
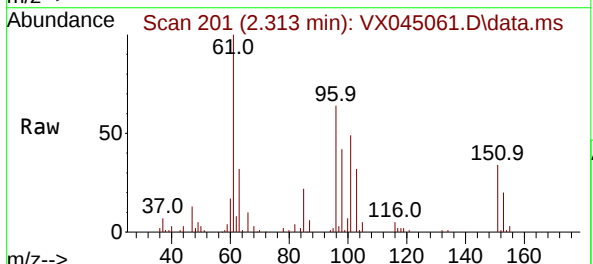
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 17.276 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

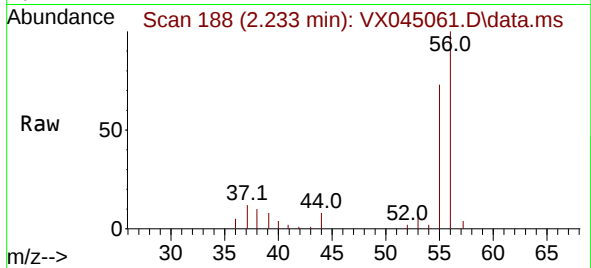
Tgt Ion: 96 Resp: 21486
Ion Ratio Lower Upper
96 100
61 155.5 130.2 195.4
98 64.7 52.2 78.4





#13
Acrolein
Concen: 79.922 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

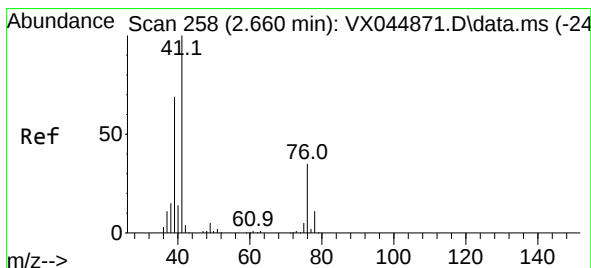
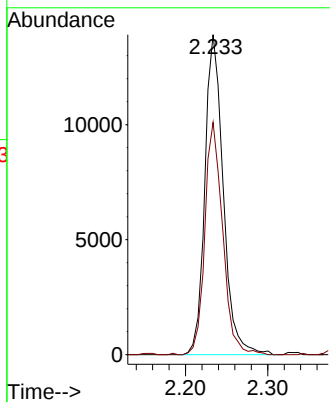
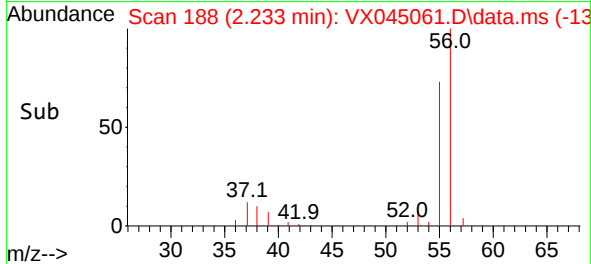
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 56 Resp: 2160
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5

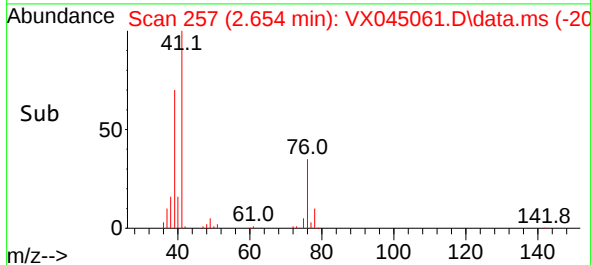
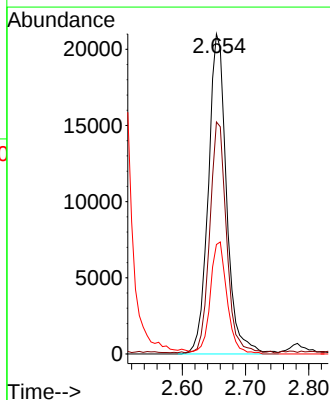
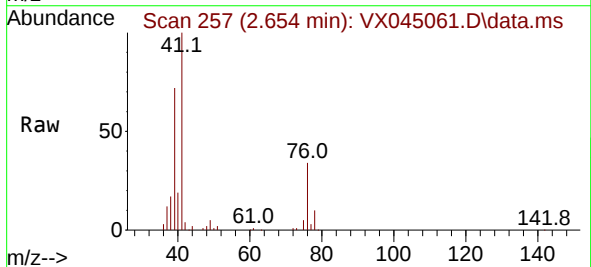
Manual Integrations
APPROVED

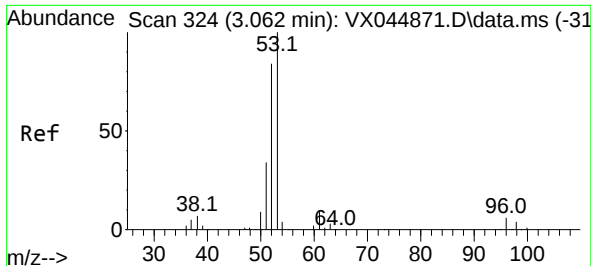
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#14
Allyl chloride
Concen: 18.817 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

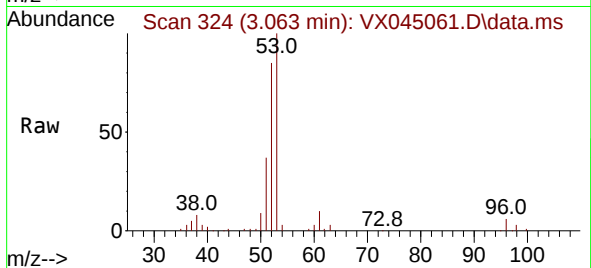
Tgt Ion: 41 Resp: 42295
Ion Ratio Lower Upper
41 100
39 65.7 51.4 77.2
76 32.1 27.0 40.4





#15
Acrylonitrile
Concen: 122.804 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

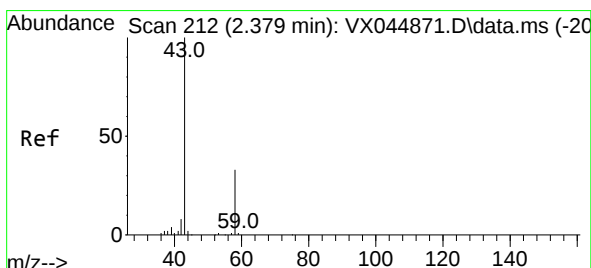
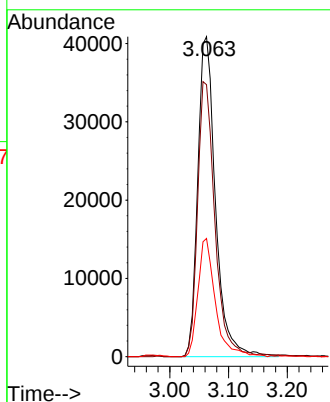
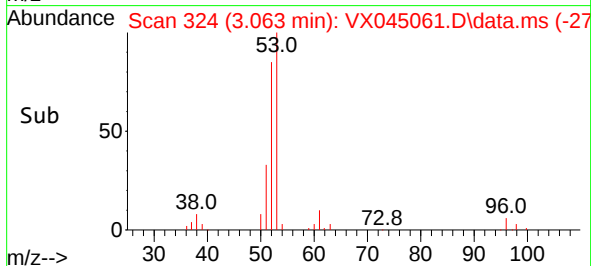
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 53 Resp: 85910
Ion Ratio Lower Upper
53 100
52 83.7 65.0 97.6
51 36.3 28.0 42.0

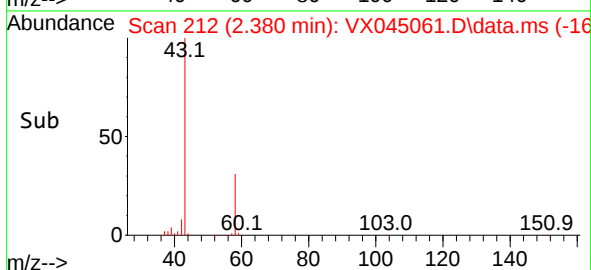
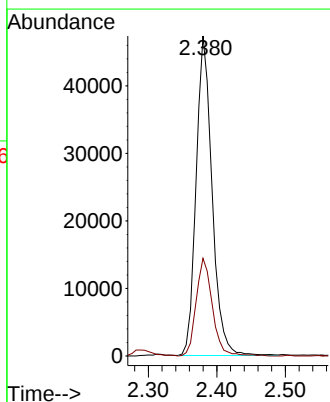
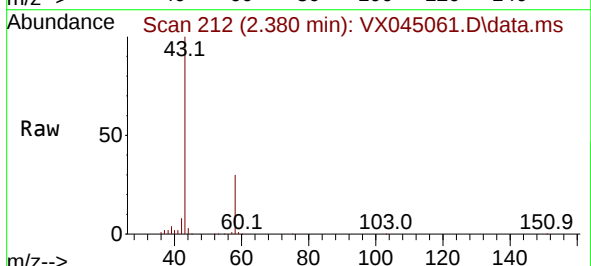
Manual Integrations
APPROVED

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



#16
Acetone
Concen: 135.217 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Tgt Ion: 43 Resp: 76778
Ion Ratio Lower Upper
43 100
58 30.5 26.5 39.7





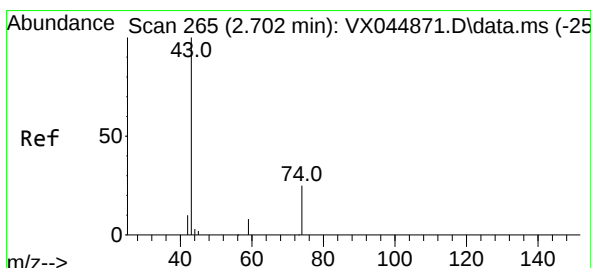
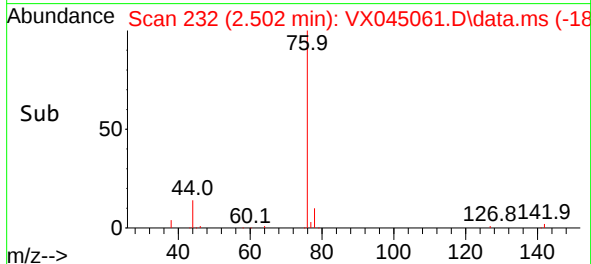
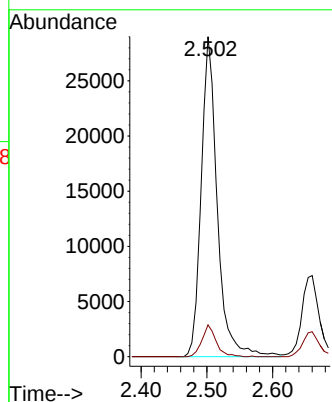
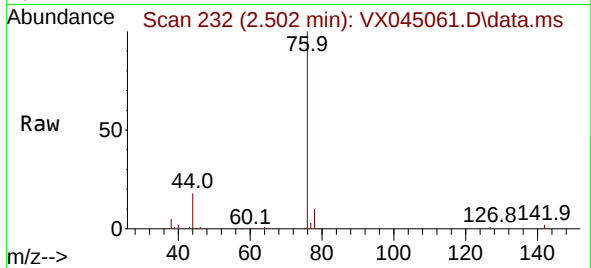
#17
Carbon Disulfide
Concen: 14.444 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tgt Ion: 76 Resp: 49260
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4

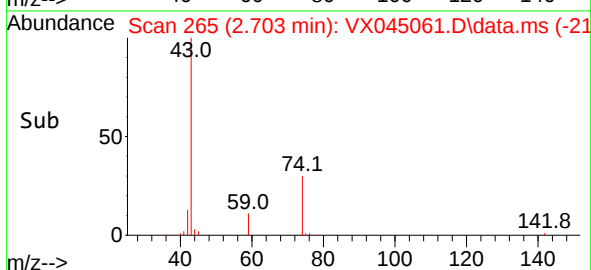
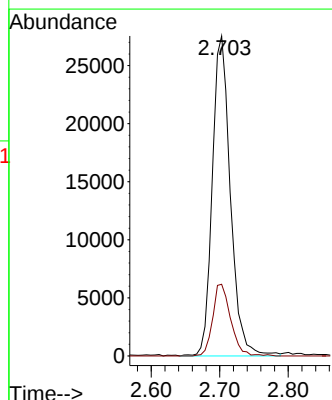
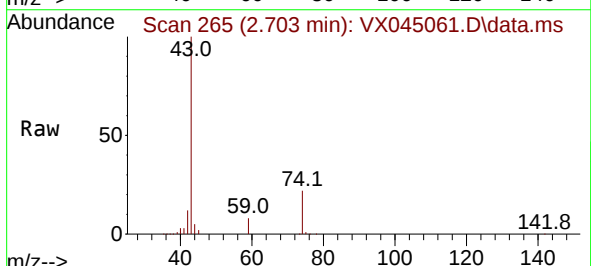
Manual Integrations
APPROVED

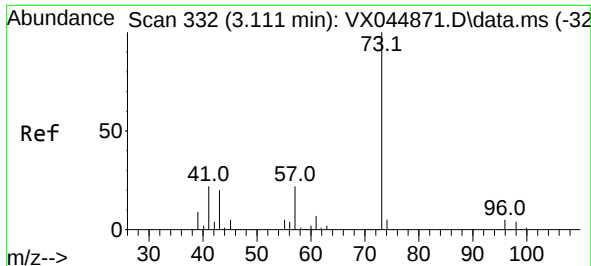
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#18
Methyl Acetate
Concen: 28.179 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Tgt Ion: 43 Resp: 50491
Ion Ratio Lower Upper
43 100
74 22.3 18.9 28.3





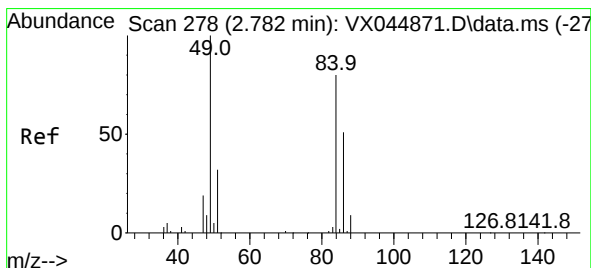
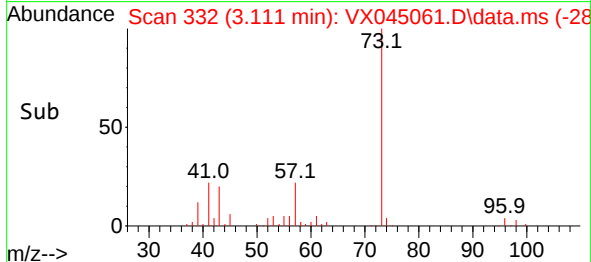
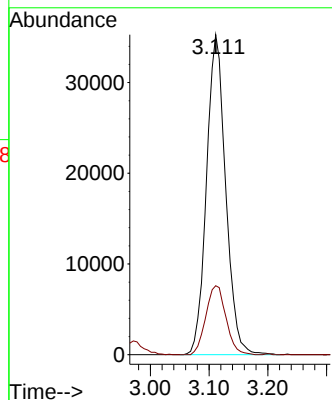
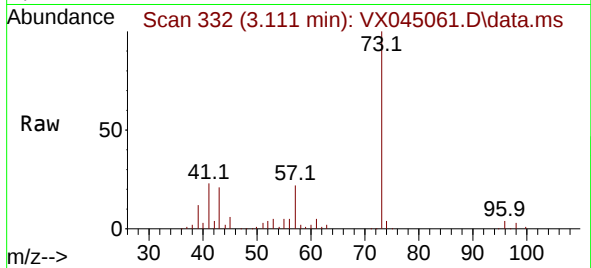
#19
Methyl tert-butyl Ether
Concen: 20.192 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tgt Ion: 73 Resp: 7989
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9

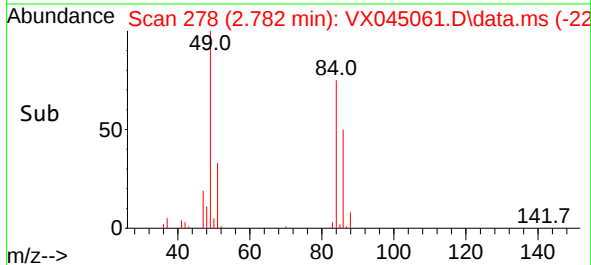
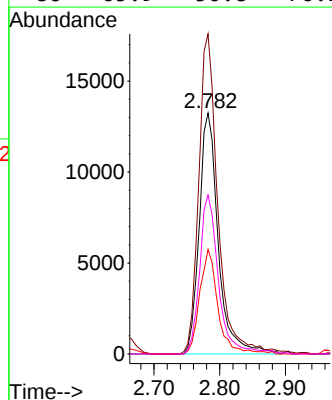
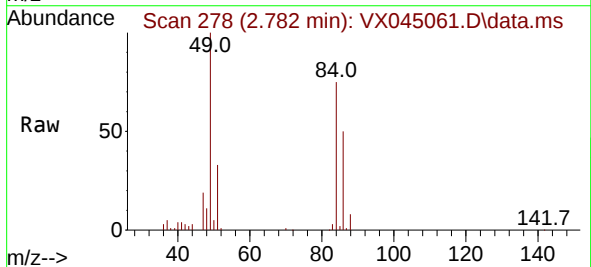
Manual Integrations
APPROVED

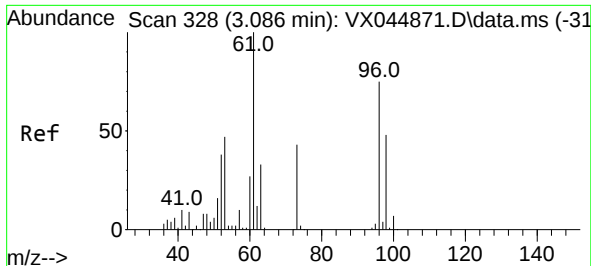
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 19.190 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

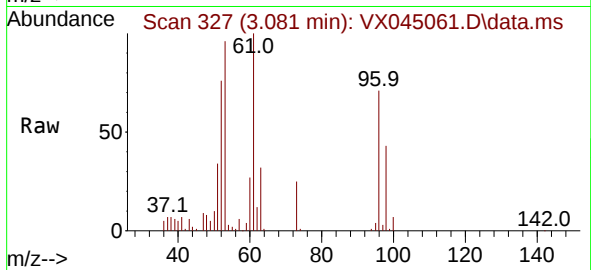
Tgt Ion: 84 Resp: 26690
Ion Ratio Lower Upper
84 100
49 132.8 100.1 150.1
51 43.3 31.7 47.5
86 65.9 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 17.776 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

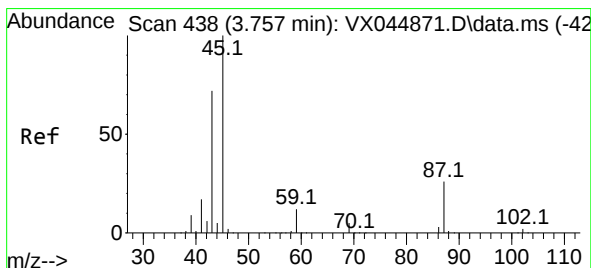
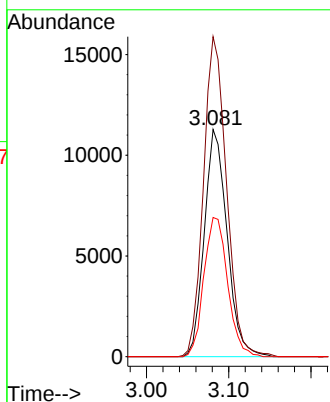
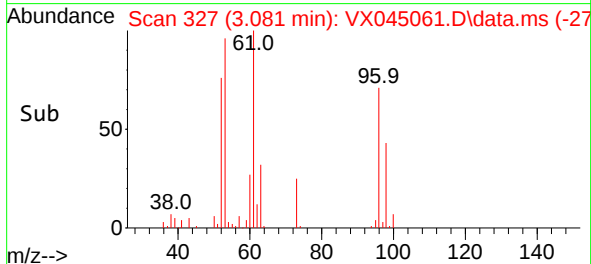
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 96 Resp: 2175
Ion Ratio Lower Upper
96 100
61 140.8 106.0 159.0
98 61.2 50.6 76.0

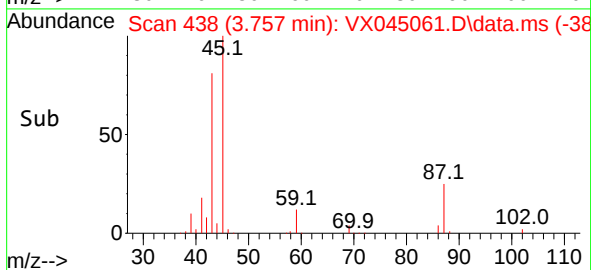
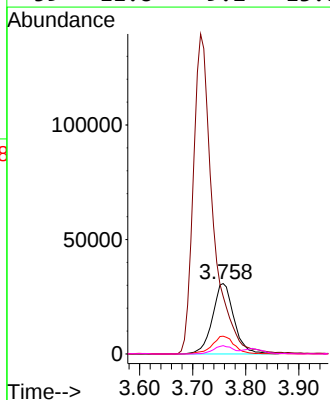
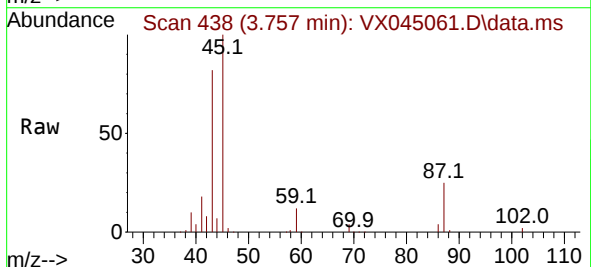
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 20.421 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Tgt Ion: 45 Resp: 86837
Ion Ratio Lower Upper
45 100
43 81.2 58.0 87.0
87 25.1 20.7 31.1
59 11.8 9.2 13.8





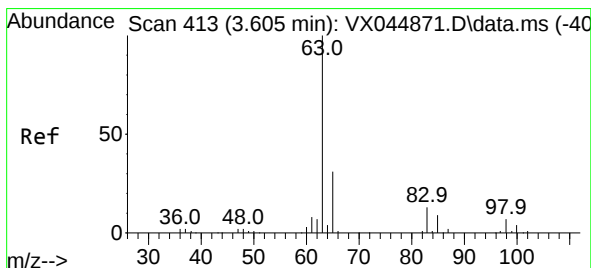
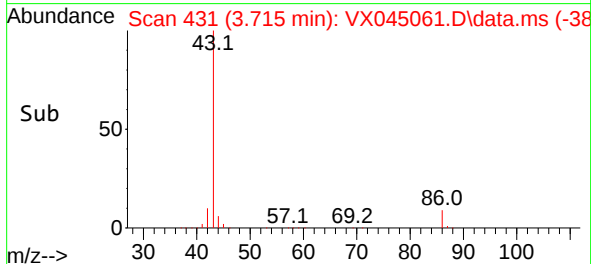
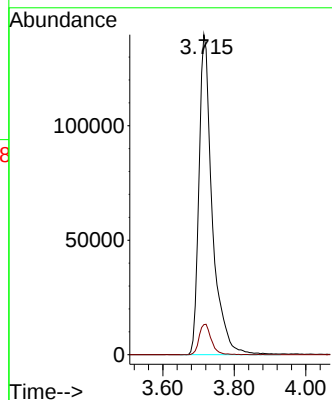
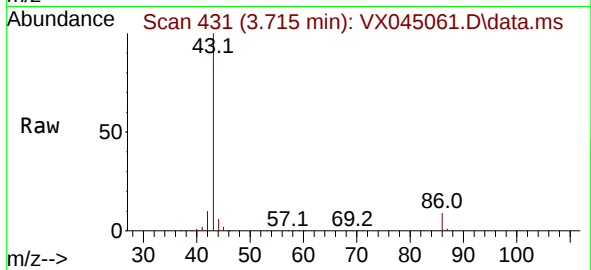
#23
 Vinyl Acetate
 Concen: 104.031 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX045061.D
 Acq: 27 Feb 2025 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01

Tgt Ion: 43 Resp: 36064
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.3 12.5

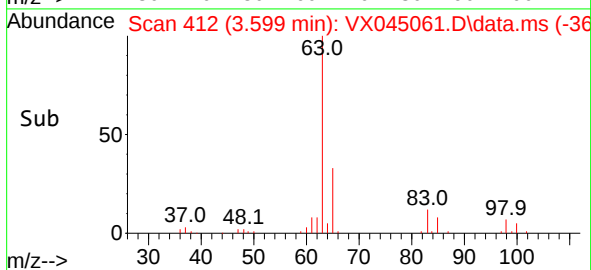
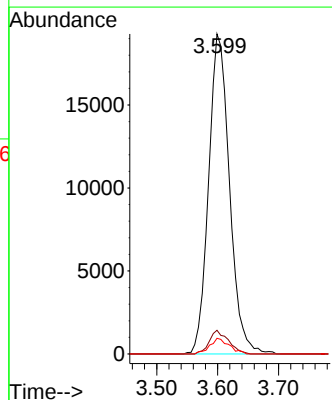
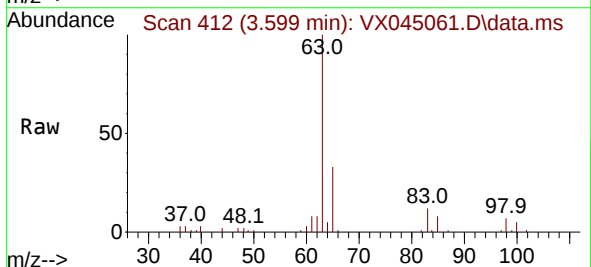
Manual Integrations
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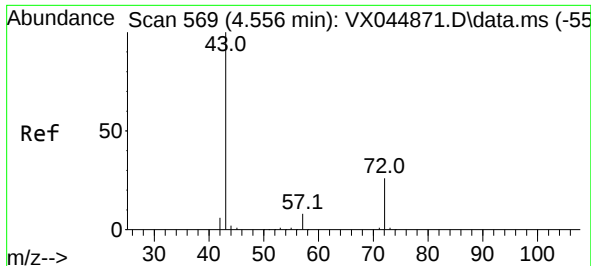
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#24
 1,1-Dichloroethane
 Concen: 19.312 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045061.D
 Acq: 27 Feb 2025 14:32

Tgt Ion: 63 Resp: 45949
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 135.187 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tgt Ion: 43 Resp: 124640

Ion Ratio Lower Upper

43 100

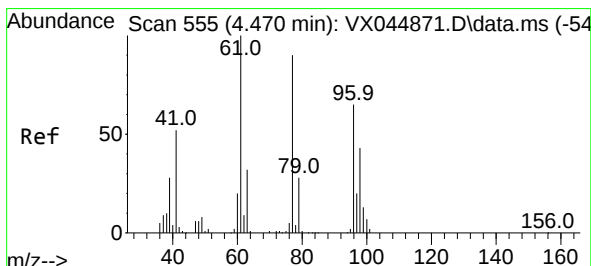
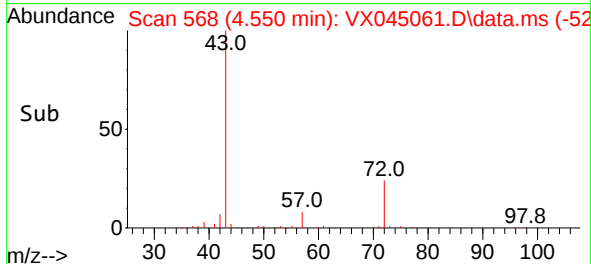
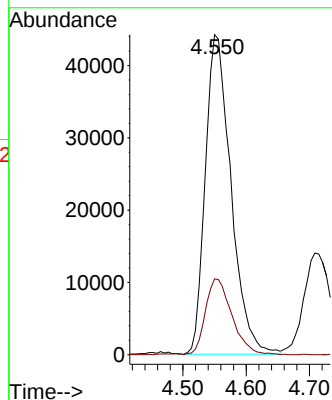
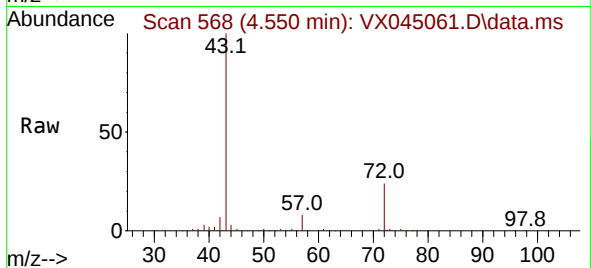
72 23.7 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#26

2,2-Dichloropropane

Concen: 14.902 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.006 min

Lab File: VX045061.D

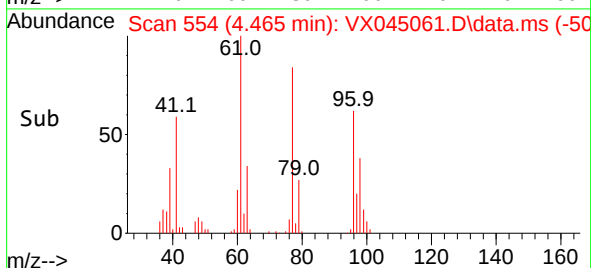
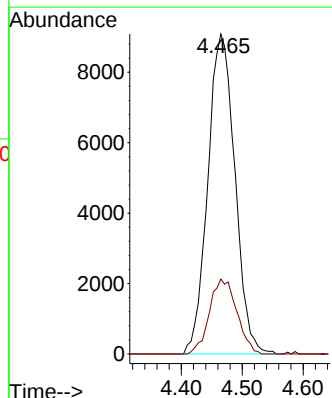
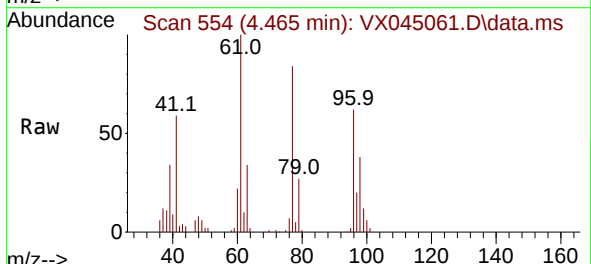
Acq: 27 Feb 2025 14:32

Tgt Ion: 77 Resp: 28118

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.332 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tgt Ion: 96 Resp: 28424

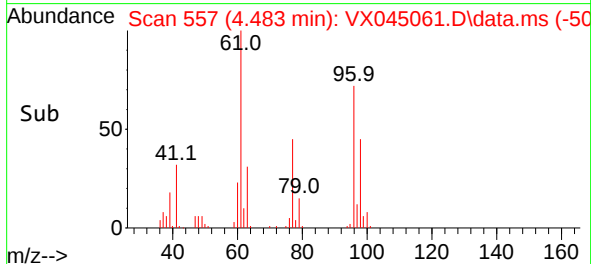
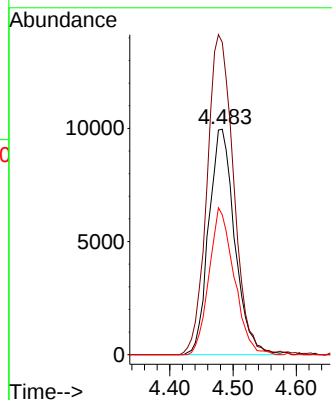
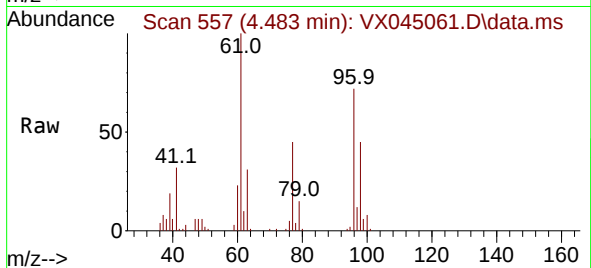
Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	294.0
98	62.8	0.0	131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 19.558 ug/l

RT: 4.891 min Scan# 624

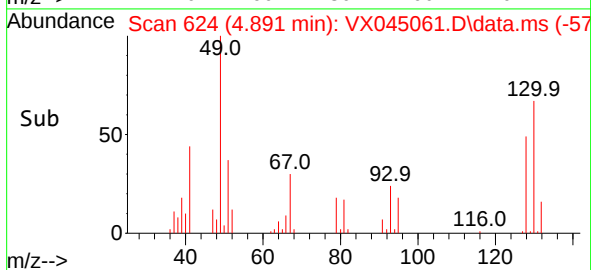
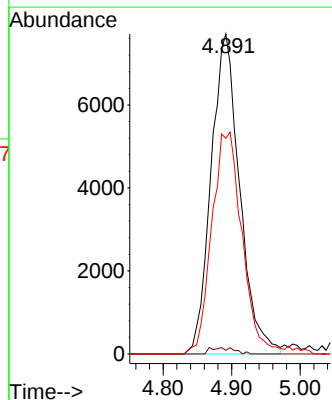
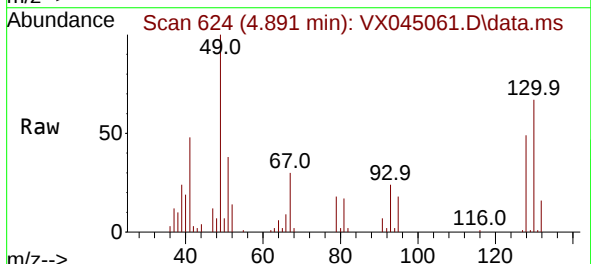
Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Tgt Ion: 49 Resp: 22363

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	73.2	56.7	85.1





#29

Tetrahydrofuran

Concen: 126.977 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

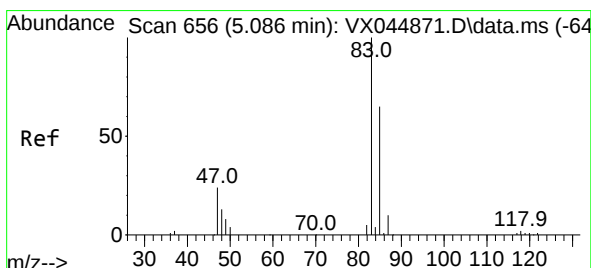
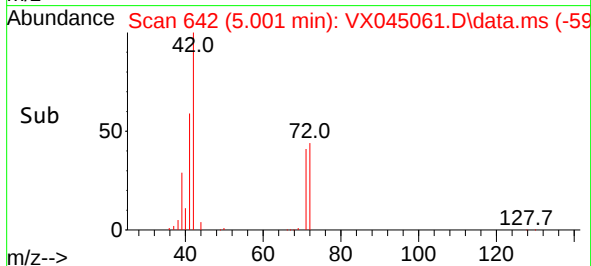
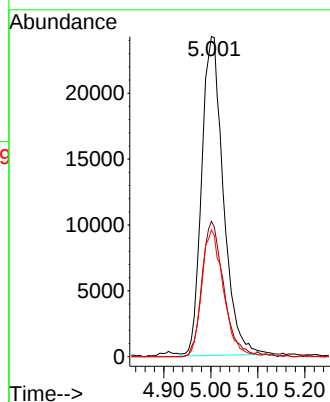
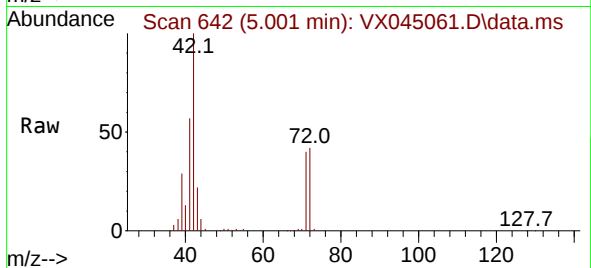
Tgt Ion:	42	Resp:	7774
Ion	Ratio	Lower	Upper
42	100		
72	42.3	35.0	52.4
71	39.7	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 20.314 ug/l

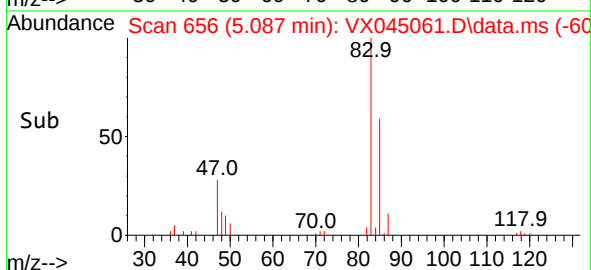
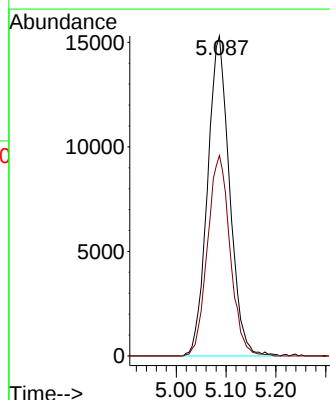
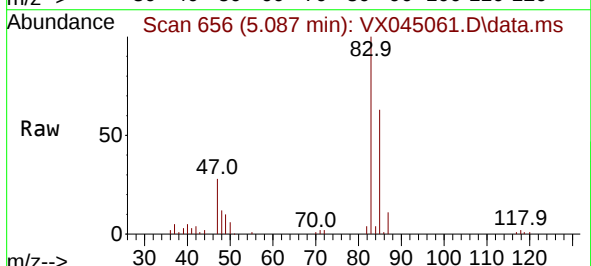
RT: 5.087 min Scan# 656

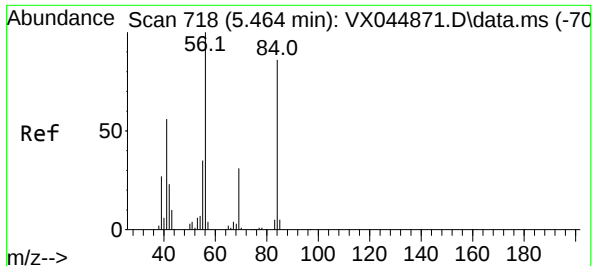
Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

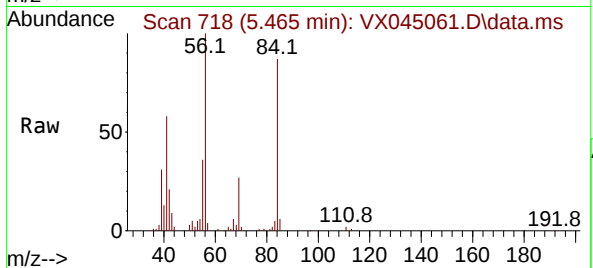
Tgt Ion:	83	Resp:	46873
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.1	78.1





#31
Cyclohexane
Concen: 16.828 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

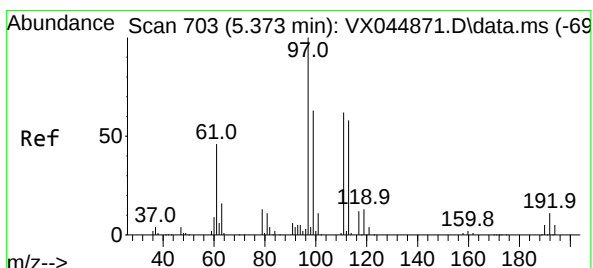
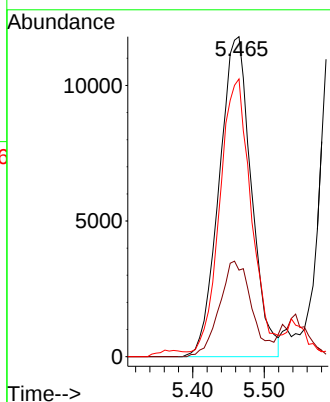
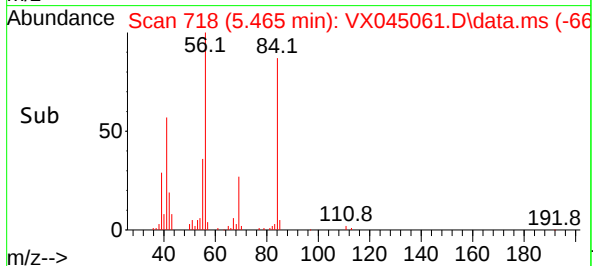
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



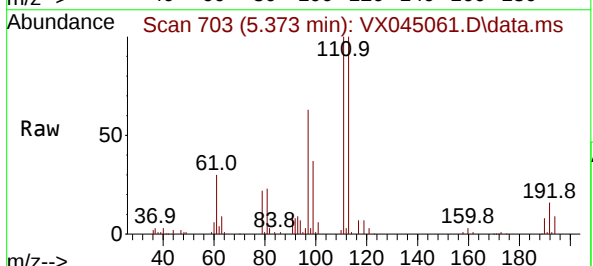
Tgt Ion: 56 Resp: 36912
Ion Ratio Lower Upper
56 100
69 27.1 24.4 36.6
84 85.0 69.0 103.6

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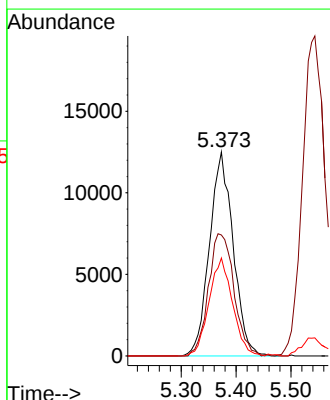
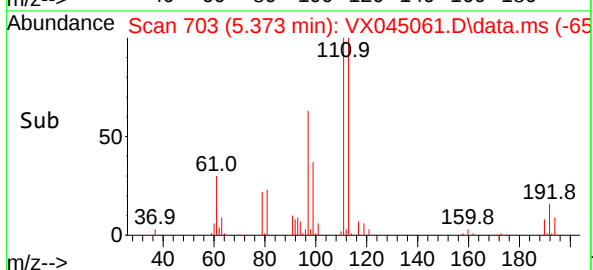
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

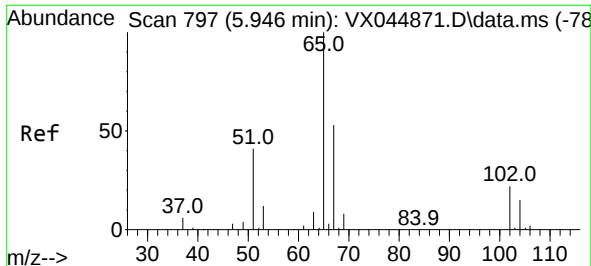


#32
1,1,1-Trichloroethane
Concen: 19.175 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



Tgt Ion: 97 Resp: 37529
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 47.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 54.370 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

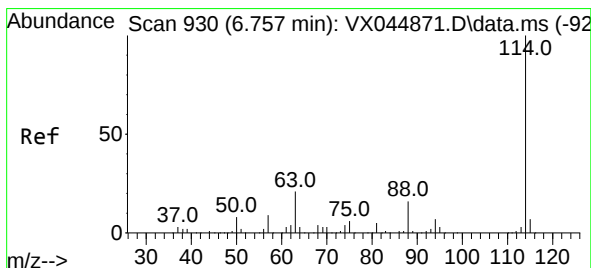
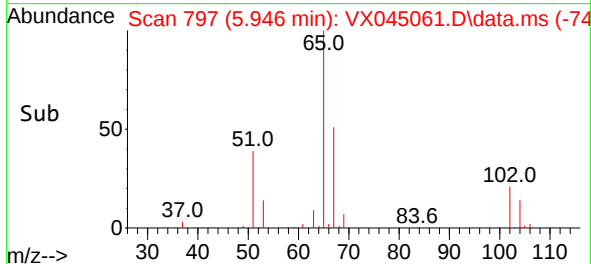
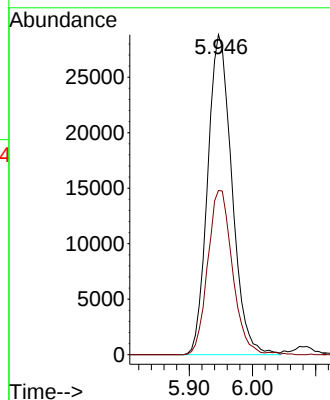
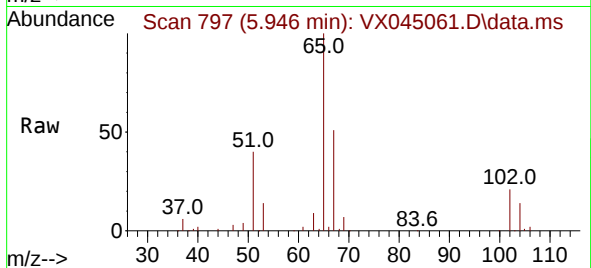
Tgt Ion: 65 Resp: 76794
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

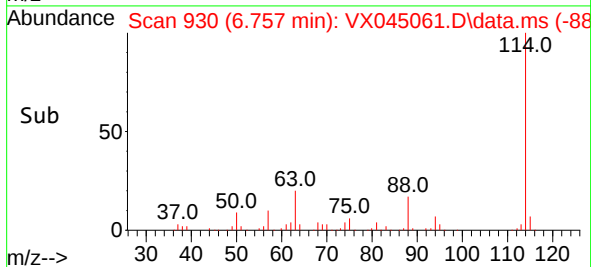
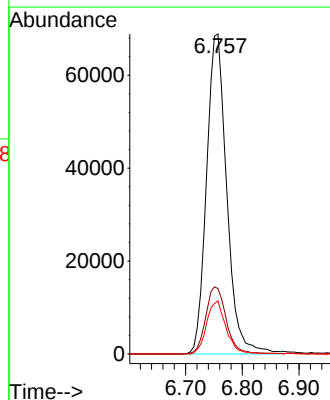
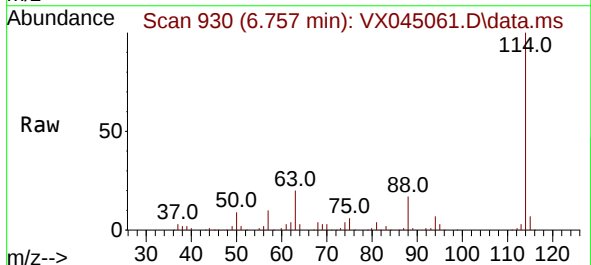
RT: 6.757 min Scan# 930

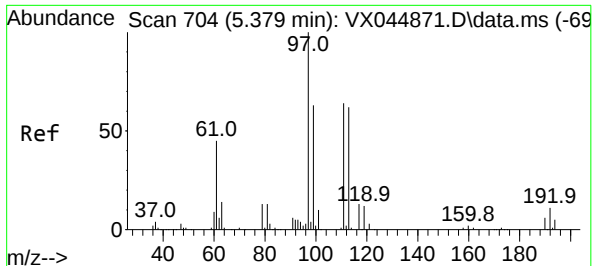
Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Tgt Ion:114 Resp: 170779
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.334 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045061.D

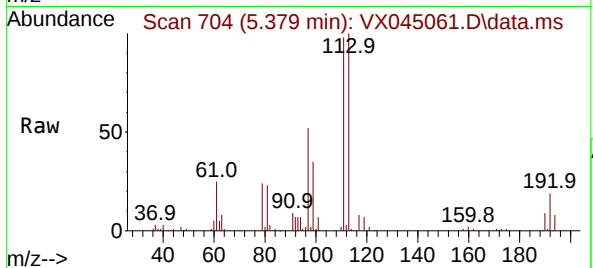
Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01



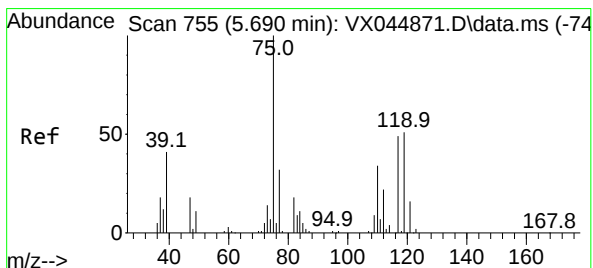
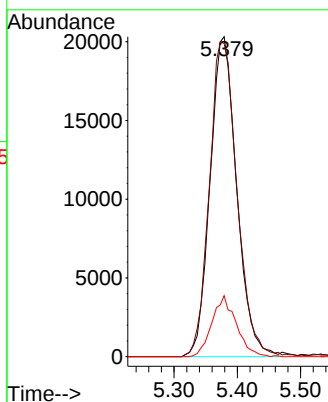
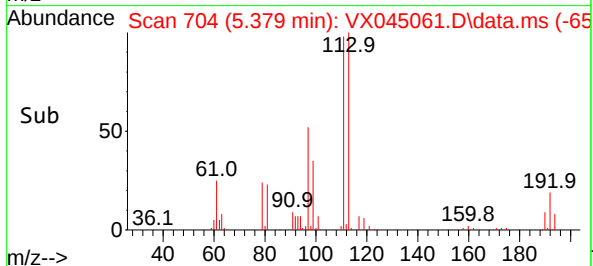
Tgt Ion:	113	Resp:	59219
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.5	125.3
192	17.4	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#36

1,1-Dichloropropene

Concen: 18.352 ug/l

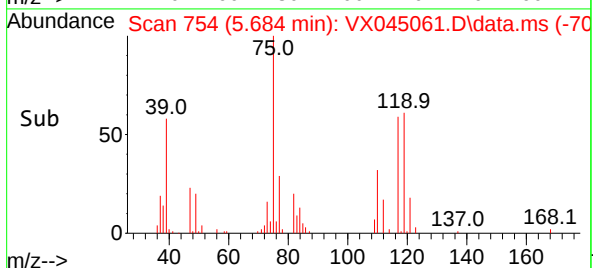
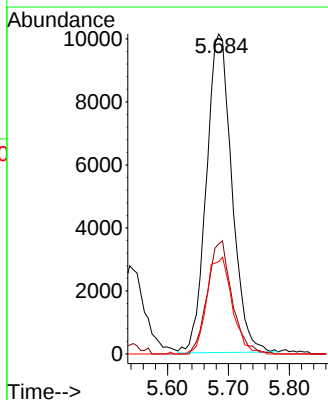
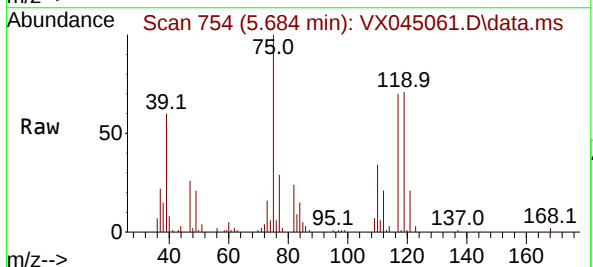
RT: 5.684 min Scan# 754

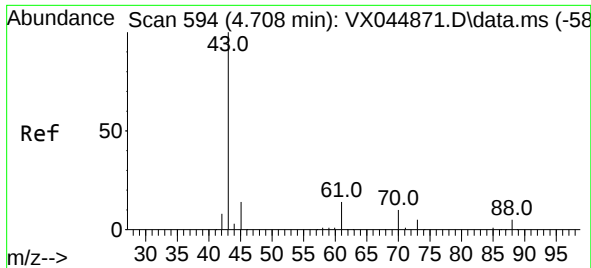
Delta R.T. -0.006 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

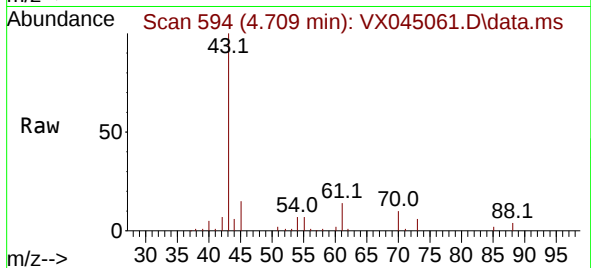
Tgt Ion:	75	Resp:	29398
Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.2	51.6
77	30.4	24.6	37.0





#37
Ethyl Acetate
Concen: 24.476 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

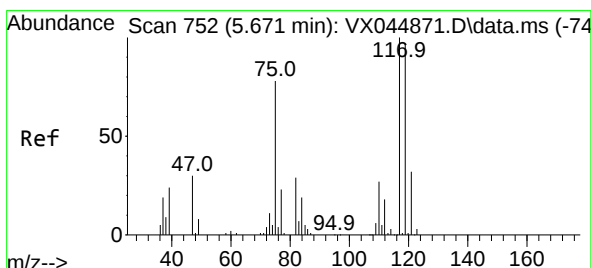
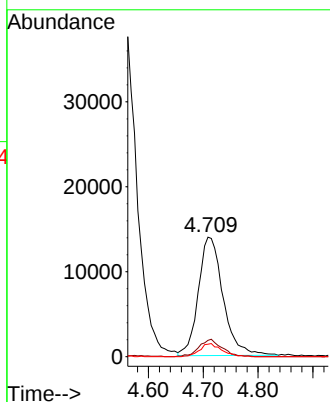
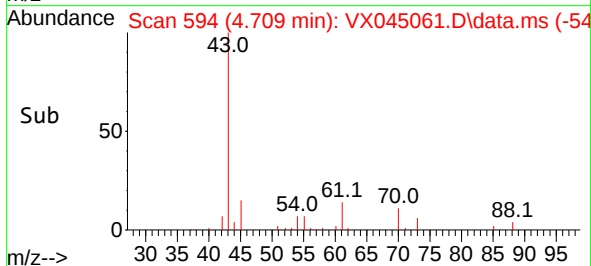
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 43 Resp: 43612
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 9.9 8.2 12.2

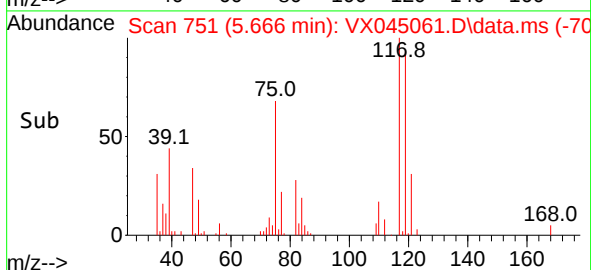
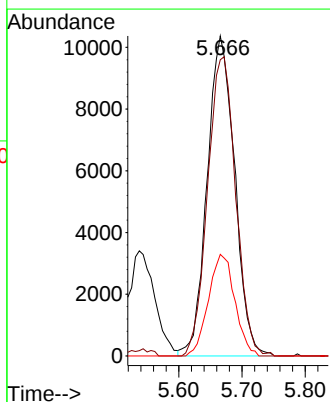
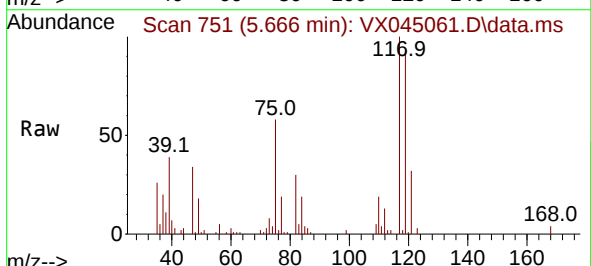
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 19.939 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

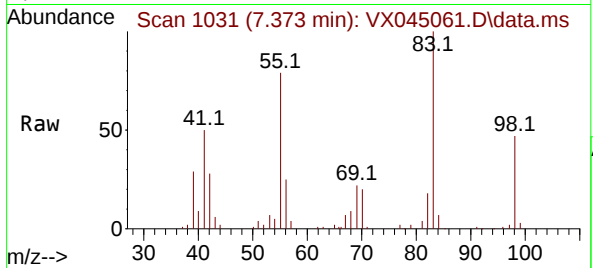
Tgt Ion:117 Resp: 31301
Ion Ratio Lower Upper
117 100
119 92.6 77.5 116.3
121 31.7 25.6 38.4





#39
Methylcyclohexane
Concen: 17.845 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

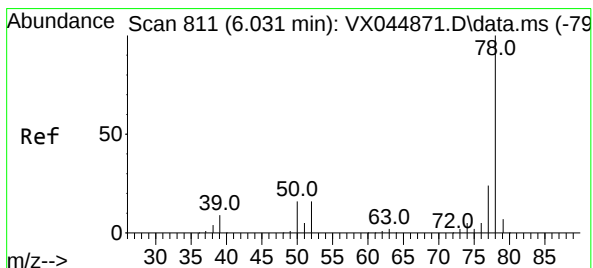
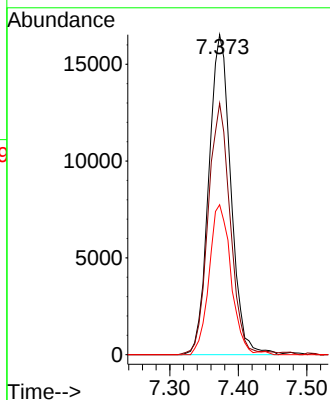
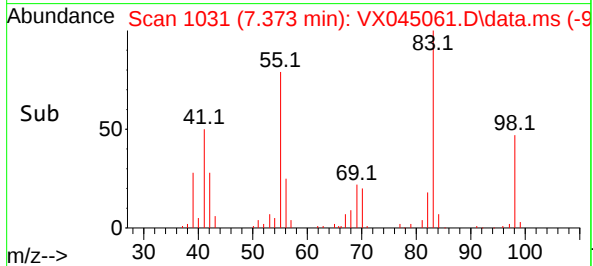
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 83 Resp: 36958
Ion Ratio Lower Upper
83 100
55 78.5 61.3 91.9
98 46.8 37.0 55.6

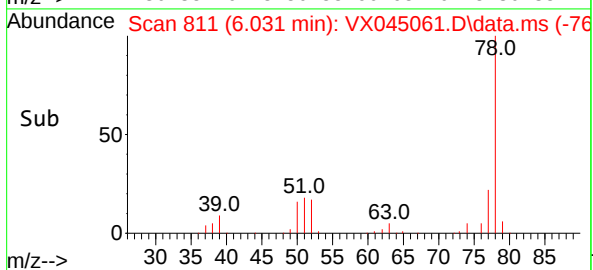
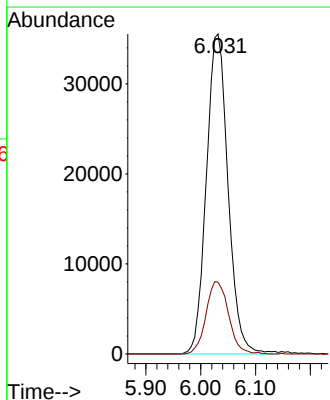
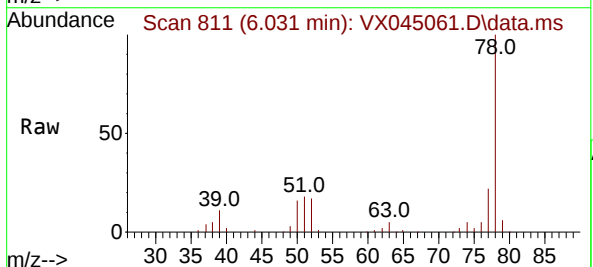
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 19.527 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

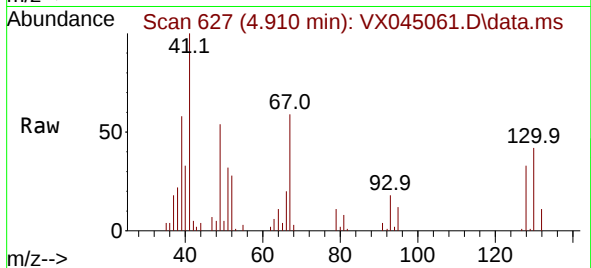
Tgt Ion: 78 Resp: 97676
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6





#41
Methacrylonitrile
Concen: 25.754 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

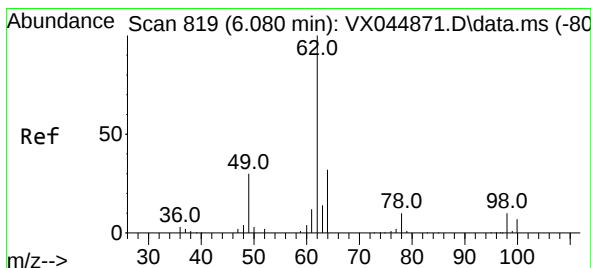
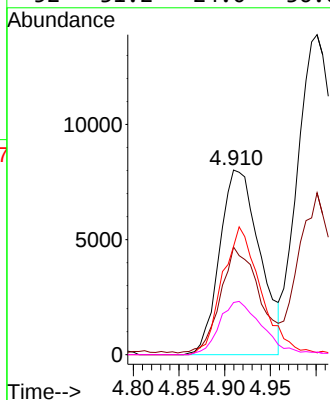
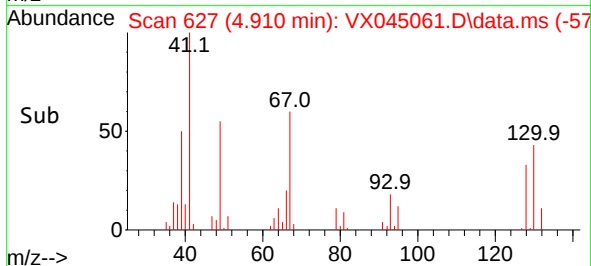
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 41 Resp: 2456
Ion Ratio Lower Upper
41 100
39 55.0 43.1 64.7
67 66.9 57.0 85.6
52 31.2 24.0 36.0

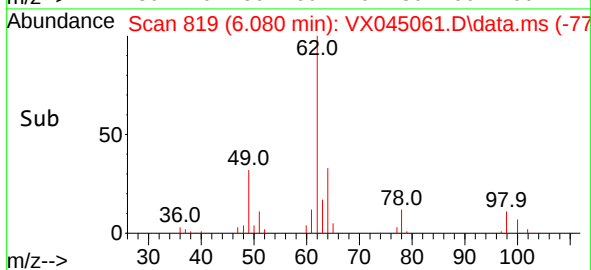
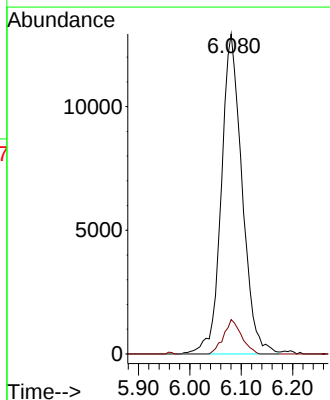
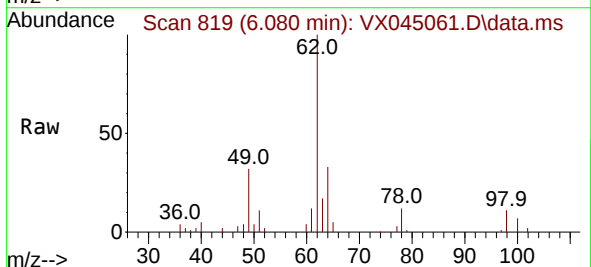
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 22.823 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

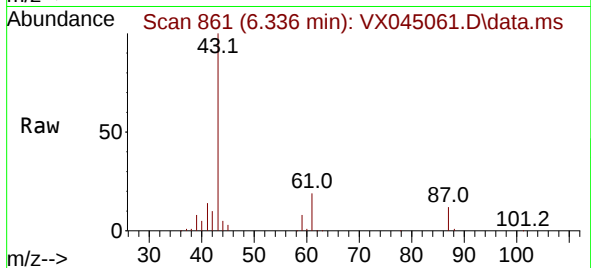
Tgt Ion: 62 Resp: 36386
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 23.253 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

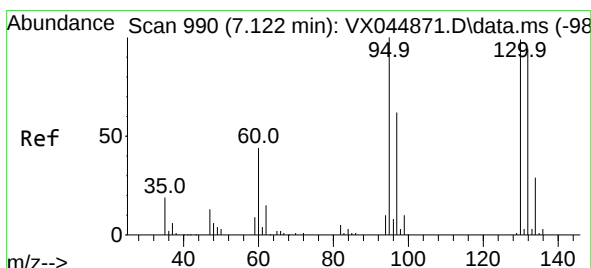
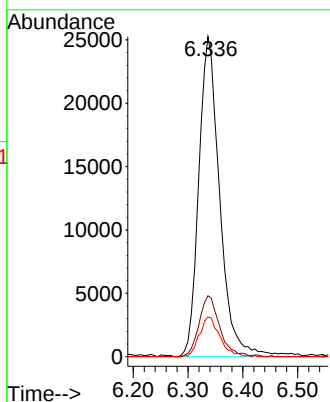
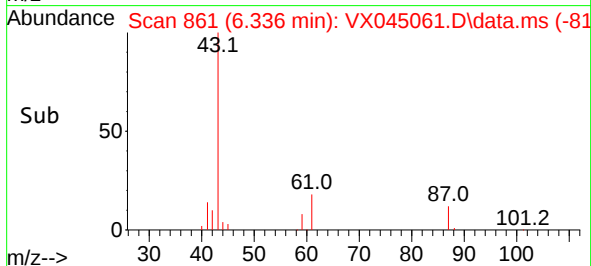
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



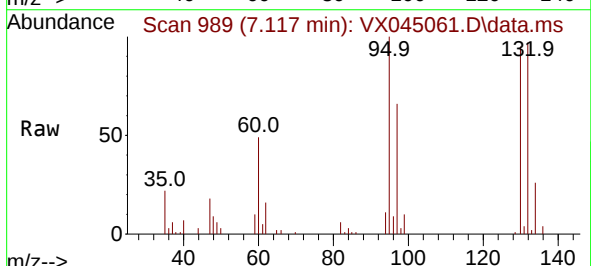
Tgt Ion: 43 Resp: 66900
Ion Ratio Lower Upper
43 100
61 18.7 15.8 23.8
87 12.1 10.0 15.0

Manual Integrations
APPROVED

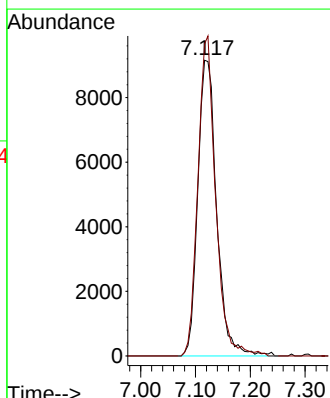
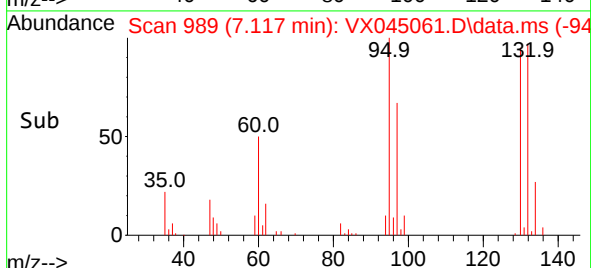
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

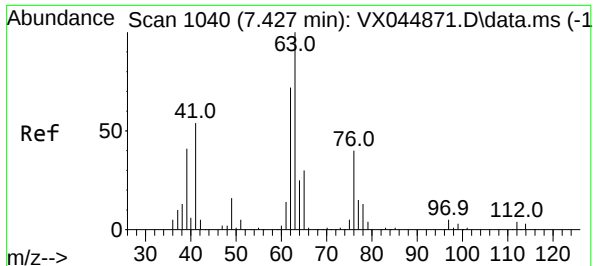


#44
Trichloroethene
Concen: 19.184 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



Tgt Ion:130 Resp: 21934
Ion Ratio Lower Upper
130 100
95 105.5 0.0 202.4





#45

1,2-Dichloropropane

Concen: 20.389 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tgt Ion: 63 Resp: 25374

Ion Ratio Lower Upper

63 100

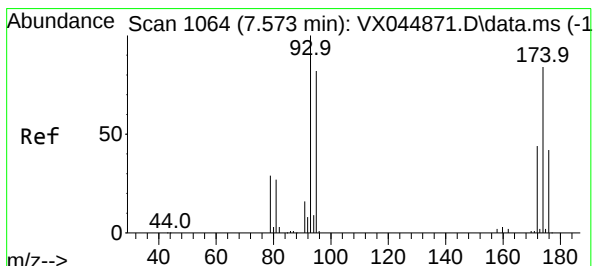
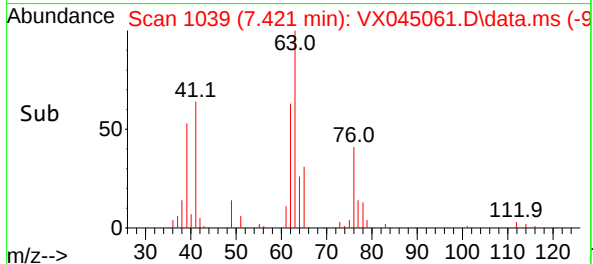
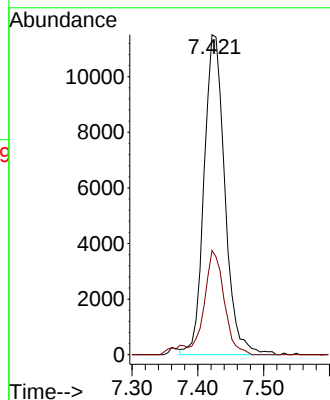
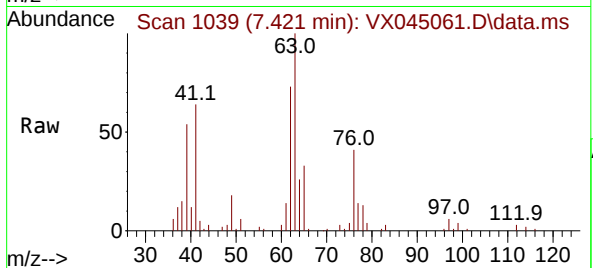
65 32.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 21.692 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.007 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

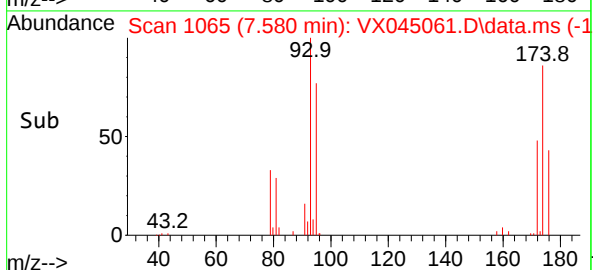
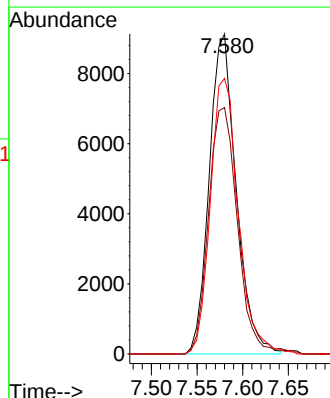
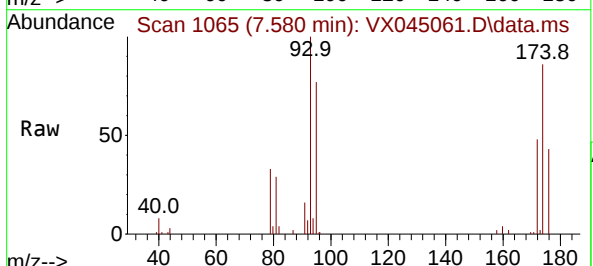
Tgt Ion: 93 Resp: 18721

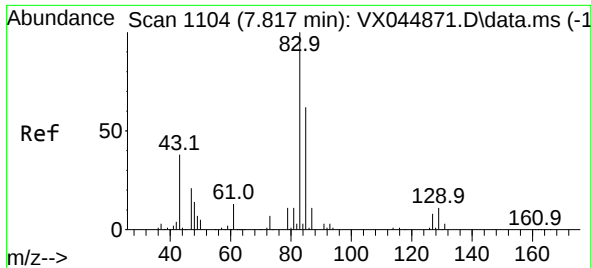
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

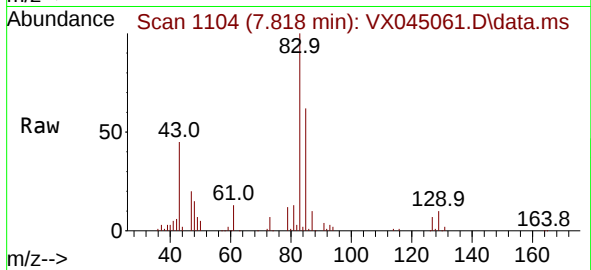
174 89.3 69.9 104.9





#47
Bromodichloromethane
Concen: 21.946 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

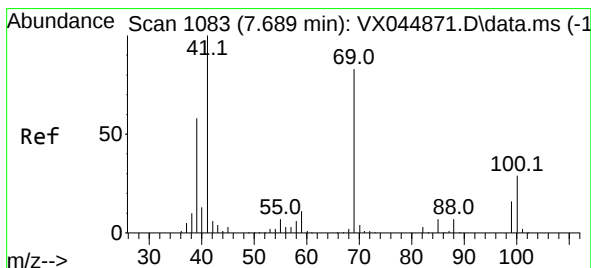
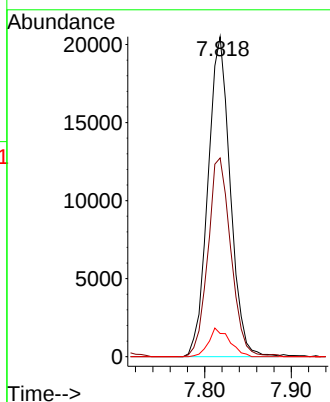
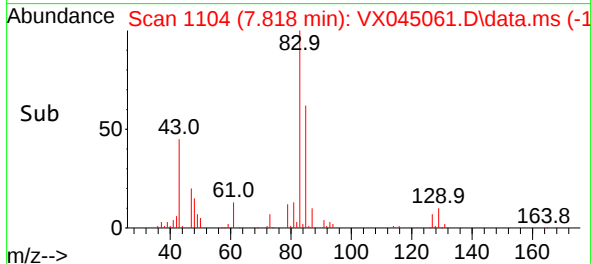
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



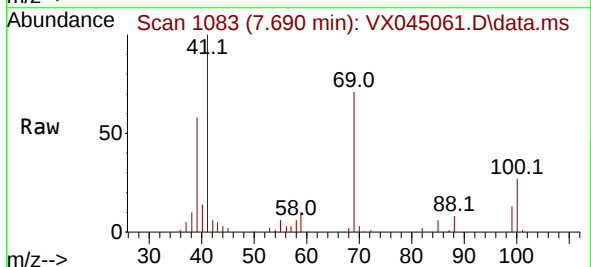
Tgt Ion: 83 Resp: 36674
Ion Ratio Lower Upper
83 100
85 62.1 50.0 75.0
127 7.3 6.4 9.6

Manual Integrations
APPROVED

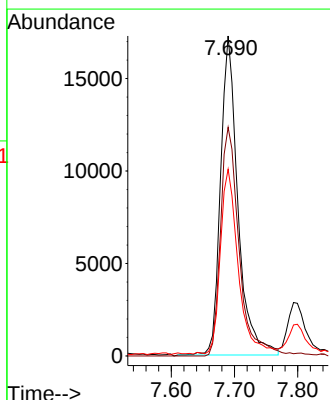
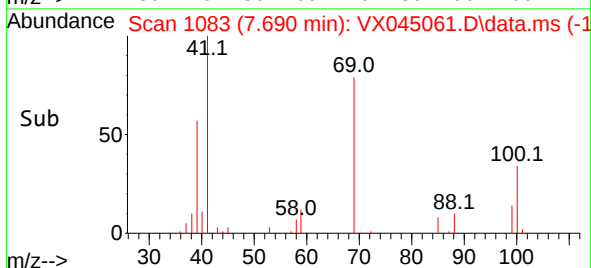
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

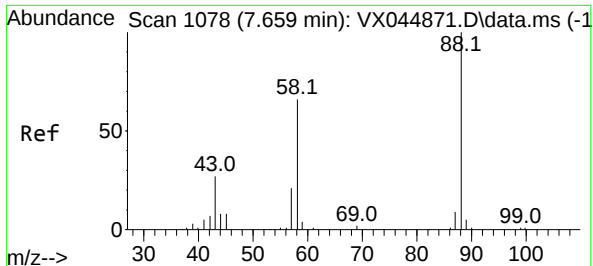


#48
Methyl methacrylate
Concen: 24.179 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



Tgt Ion: 41 Resp: 32804
Ion Ratio Lower Upper
41 100
69 77.5 65.8 98.8
39 59.1 46.4 69.6





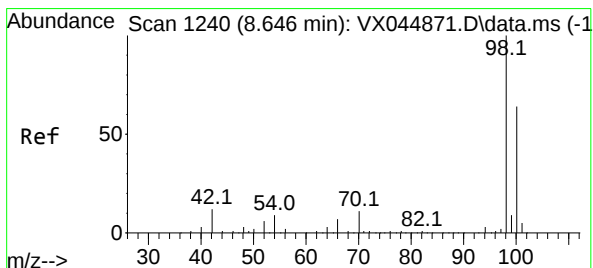
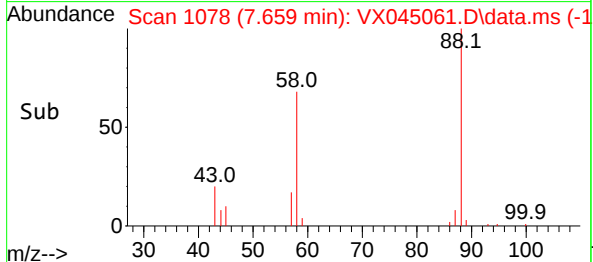
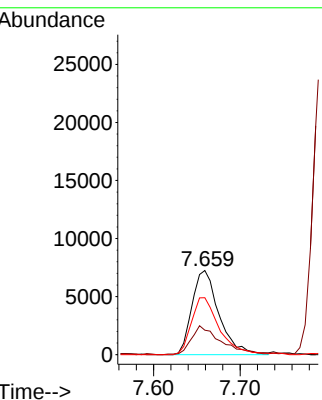
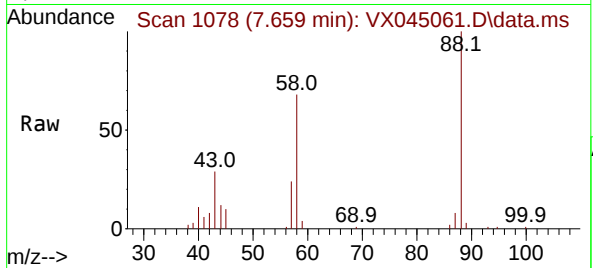
#49
1,4-Dioxane
Concen: 540.094 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tgt Ion: 88 Resp: 1572
Ion Ratio Lower Upper
88 100
43 37.5 26.6 39.8
58 70.5 55.9 83.9

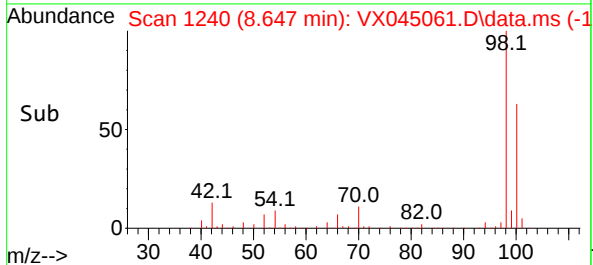
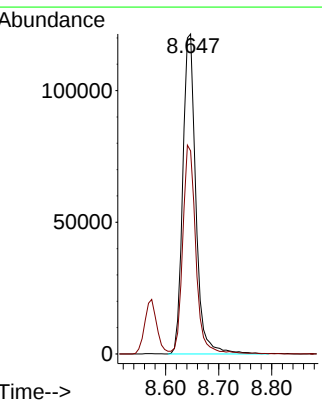
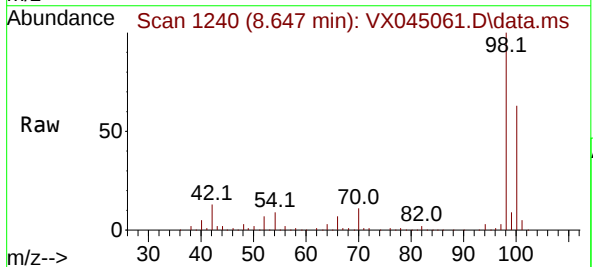
Manual Integrations
APPROVED

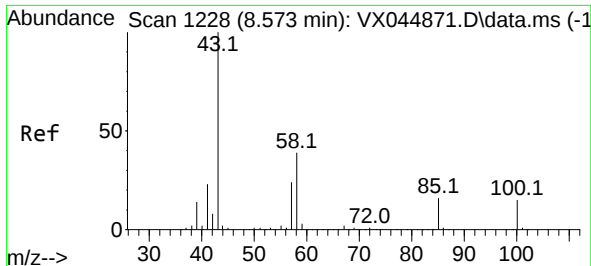
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#50
Toluene-d8
Concen: 49.507 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

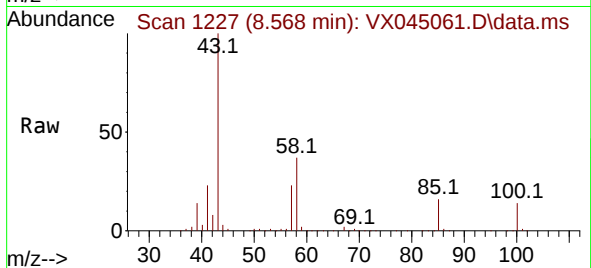
Tgt Ion: 98 Resp: 207864
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 136.800 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

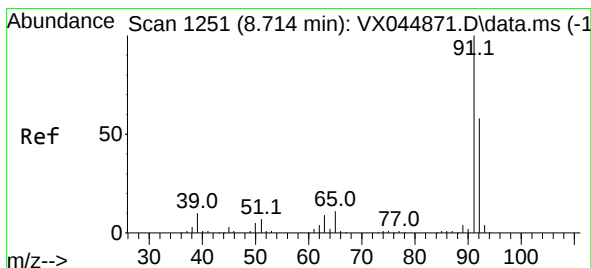
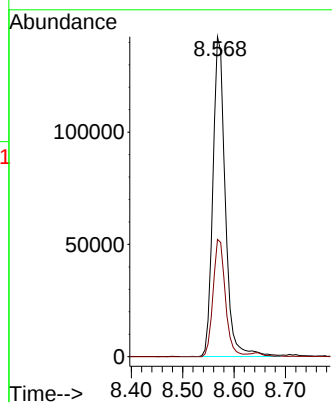
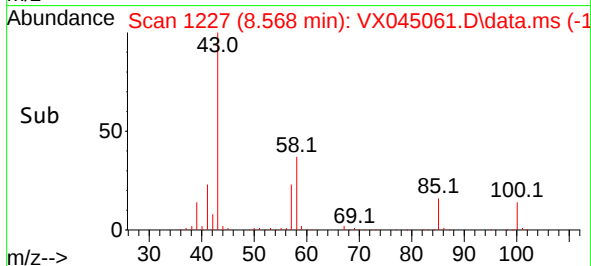
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 43 Resp: 239298
Ion Ratio Lower Upper
43 100
58 36.4 30.8 46.2

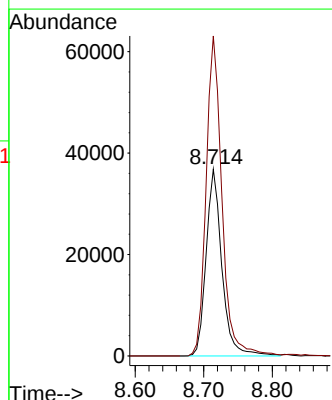
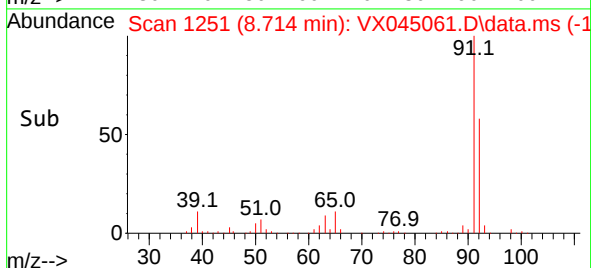
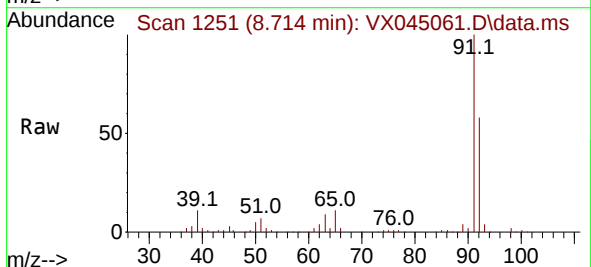
Manual Integrations
APPROVED

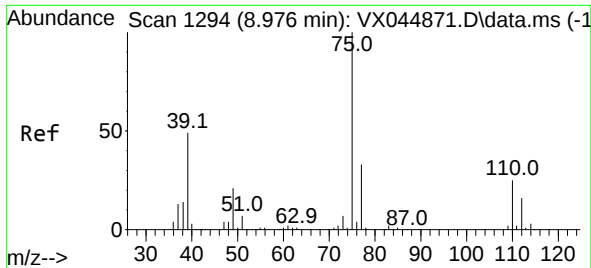
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 19.889 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

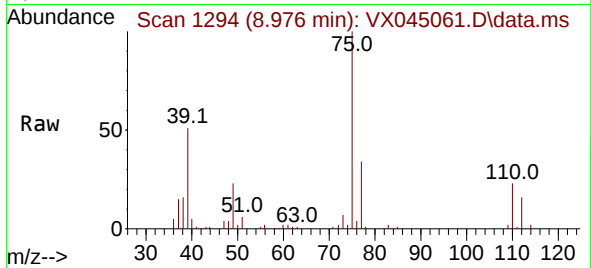
Tgt Ion: 92 Resp: 59252
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.2





#53
 t-1,3-Dichloropropene
 Concen: 19.167 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX045061.D
 Acq: 27 Feb 2025 14:32

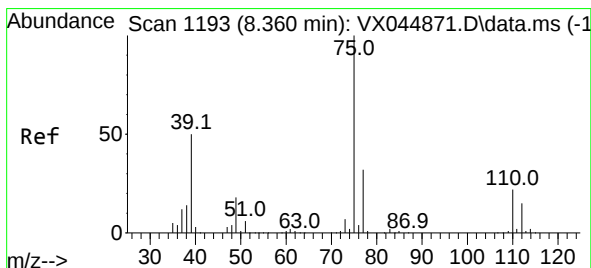
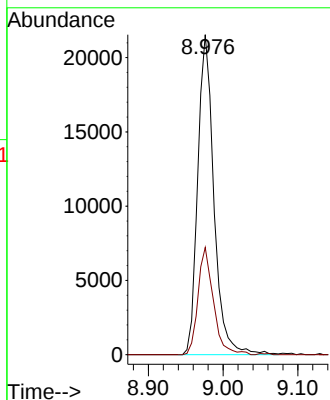
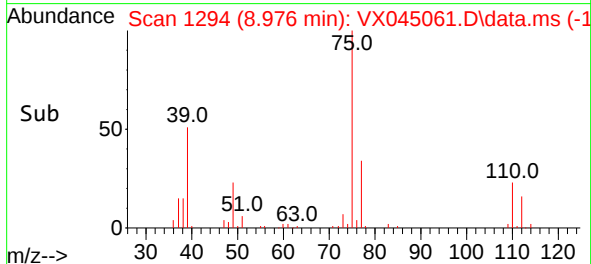
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD01



Tgt Ion: 75 Resp: 3241
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.0 39.0

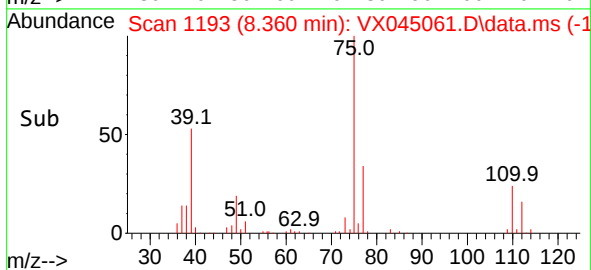
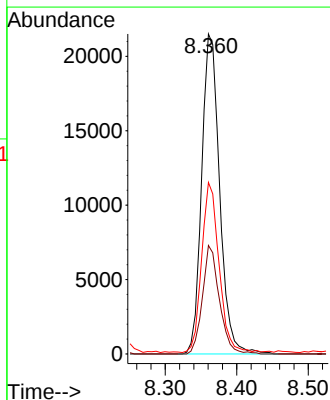
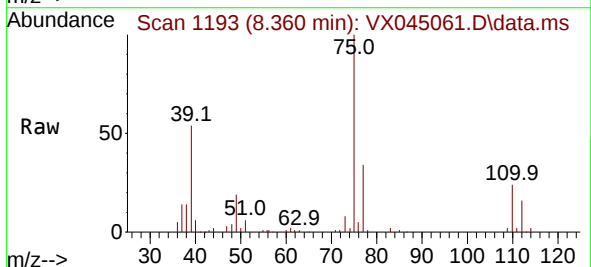
Manual Integrations
 APPROVED

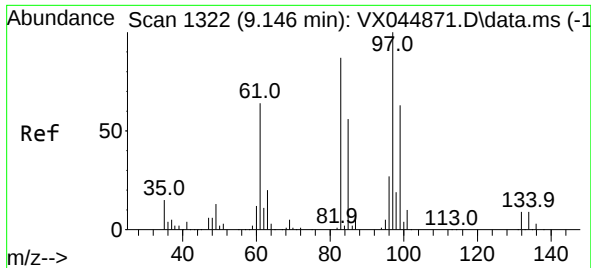
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.914 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045061.D
 Acq: 27 Feb 2025 14:32

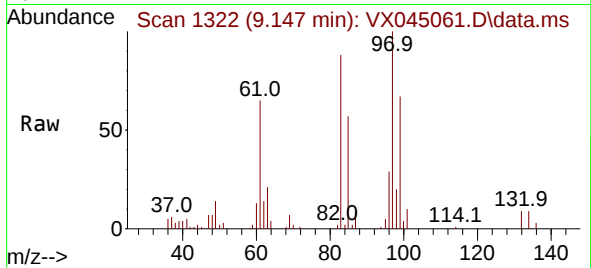
Tgt Ion: 75 Resp: 37548
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.3 37.9
 39 53.0 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 22.542 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

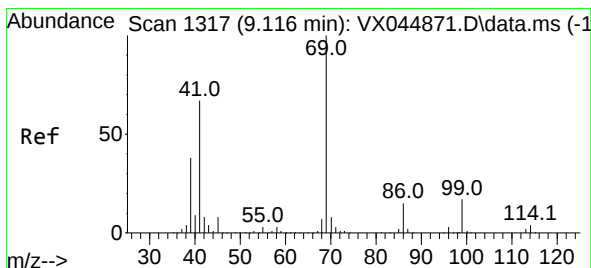
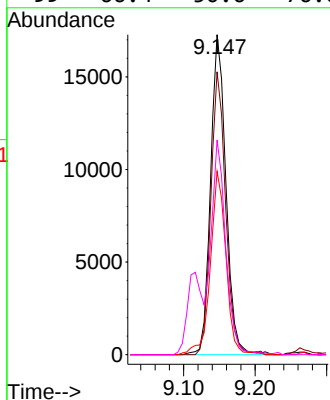
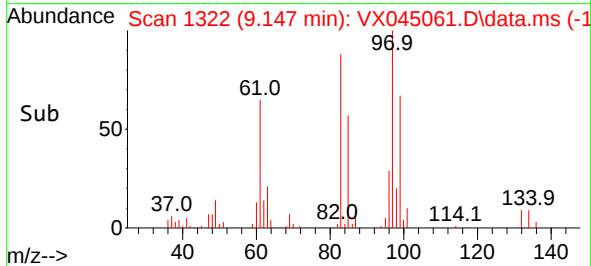
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



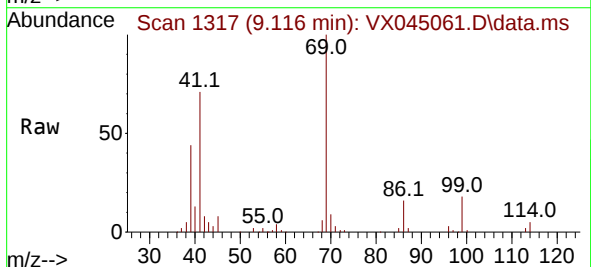
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.8	104.6
85	57.3	44.8	67.2
99	66.4	50.6	76.0

Manual Integrations
APPROVED

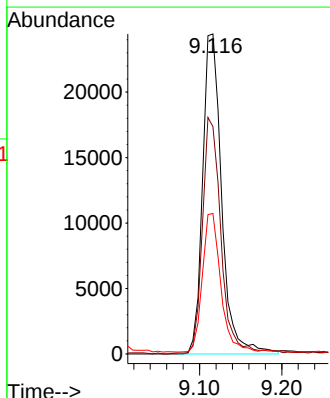
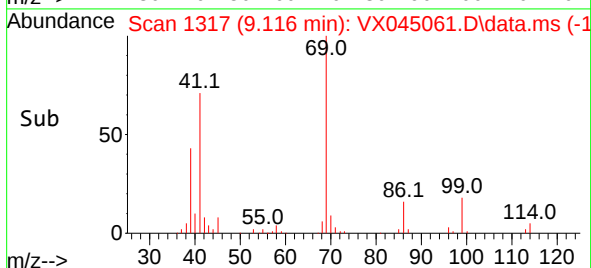
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

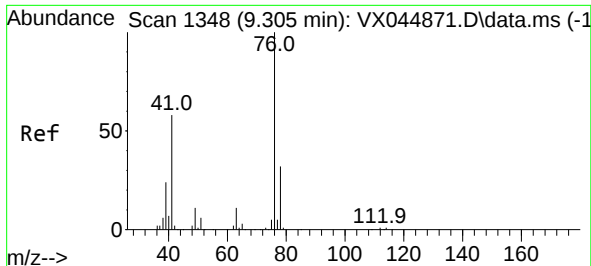


#56
Ethyl methacrylate
Concen: 21.299 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.1	55.2	82.8
39	41.8	30.8	46.2





#57

1,3-Dichloropropane

Concen: 21.756 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tgt Ion: 76 Resp: 4359

Ion Ratio Lower Upper

76 100

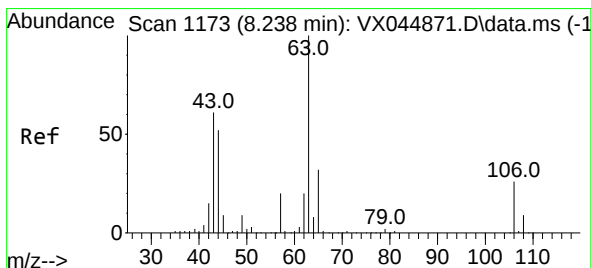
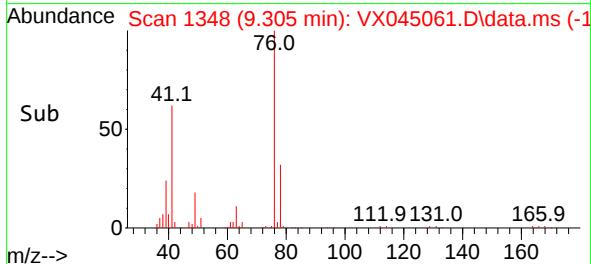
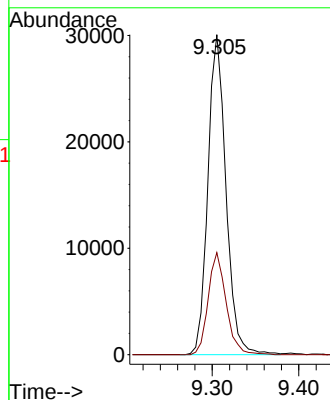
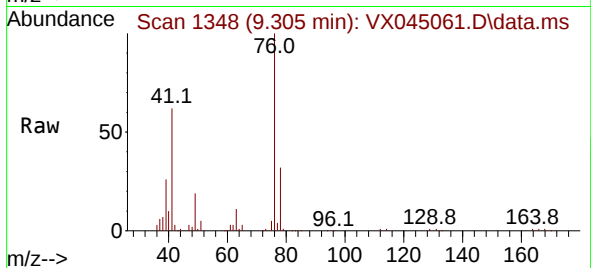
78 31.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 115.259 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045061.D

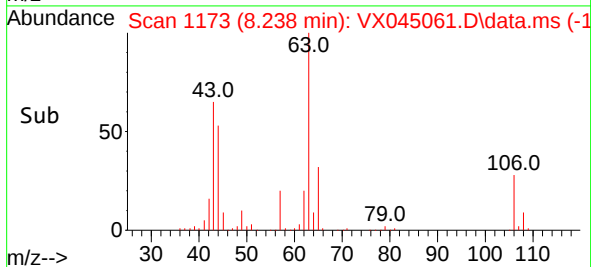
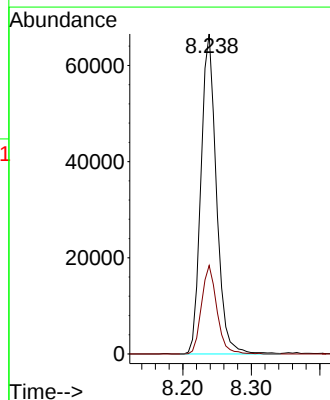
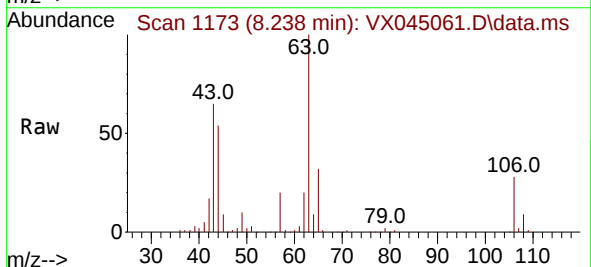
Acq: 27 Feb 2025 14:32

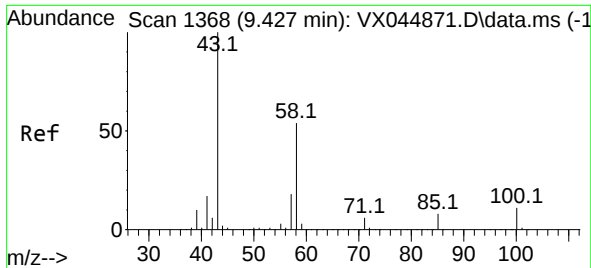
Tgt Ion: 63 Resp: 104675

Ion Ratio Lower Upper

63 100

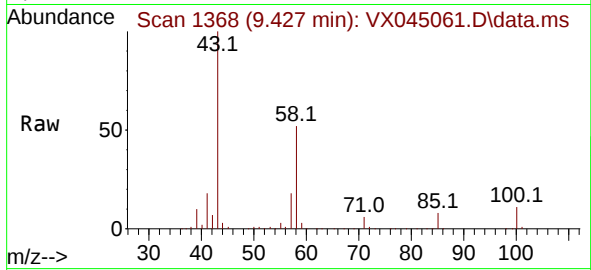
106 27.4 21.3 31.9





#59
2-Hexanone
Concen: 140.577 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

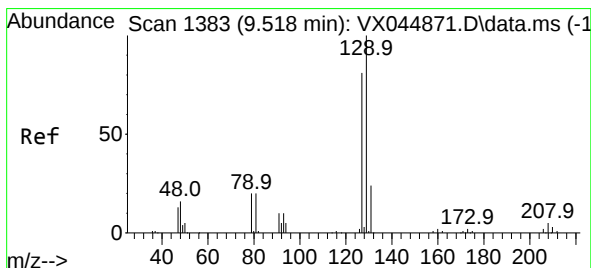
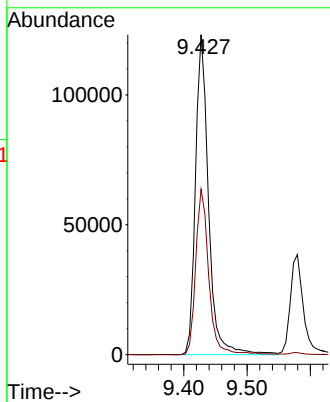
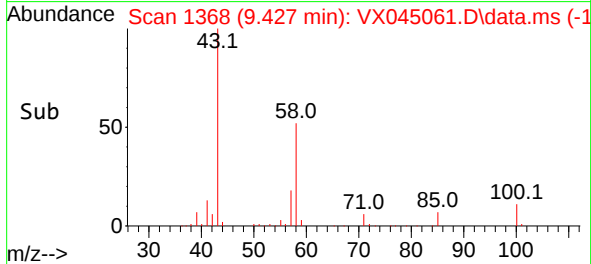
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 43 Resp: 177178
Ion Ratio Lower Upper
43 100
58 52.0 27.5 82.4

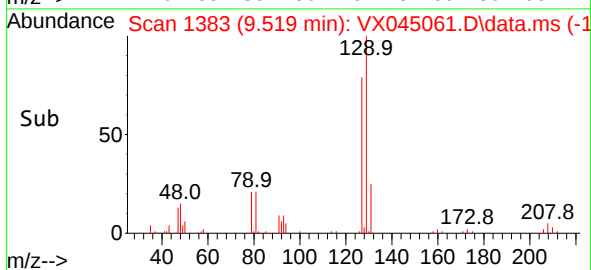
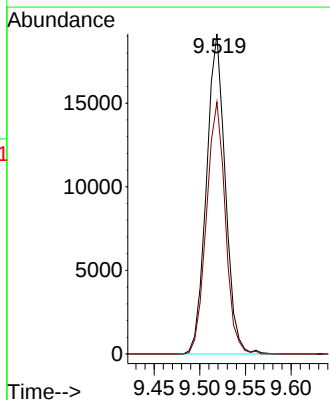
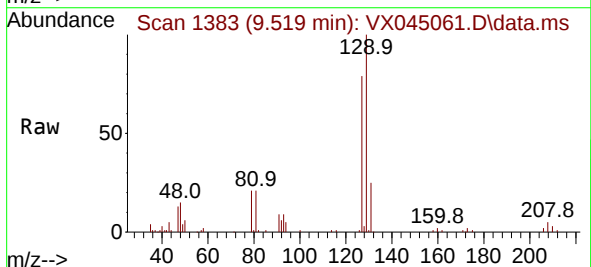
Manual Integrations
APPROVED

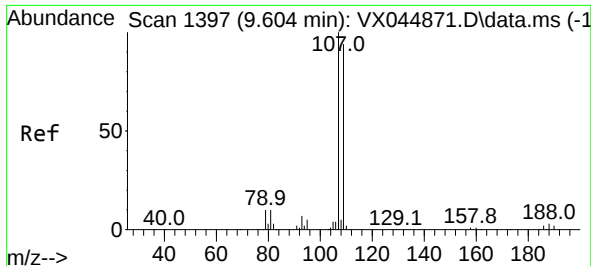
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 22.374 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Tgt Ion:129 Resp: 27402
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.3





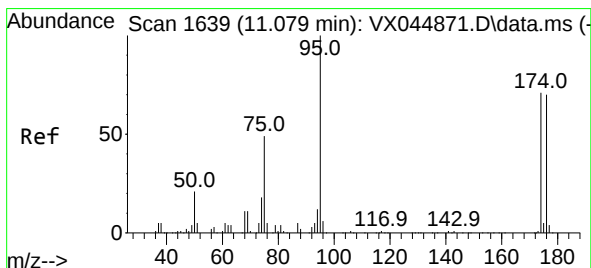
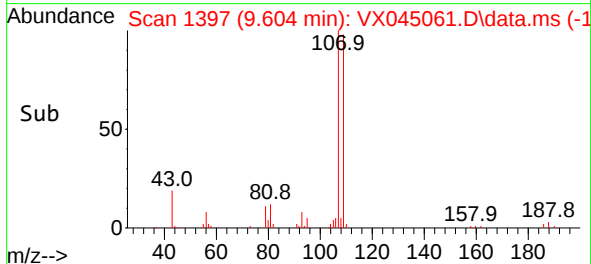
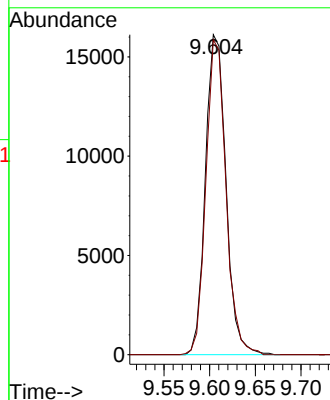
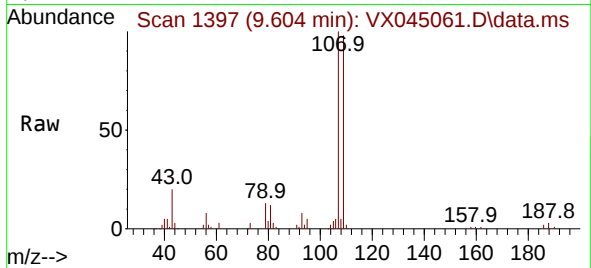
#61
1,2-Dibromoethane
Concen: 21.670 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tgt Ion:107 Resp: 2515
Ion Ratio Lower Upper
107 100
109 95.9 75.9 113.9

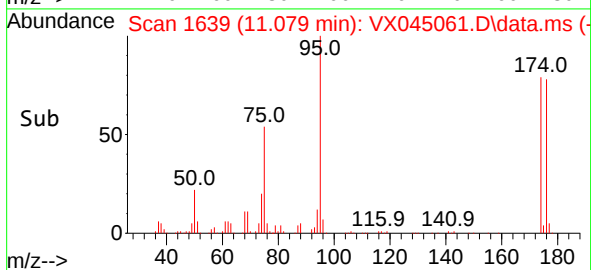
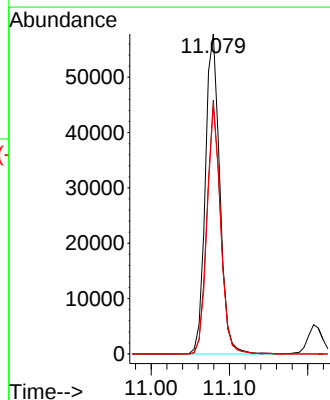
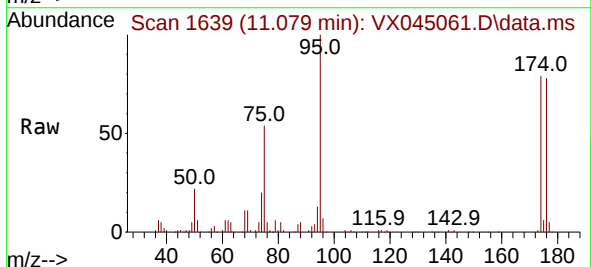
Manual Integrations
APPROVED

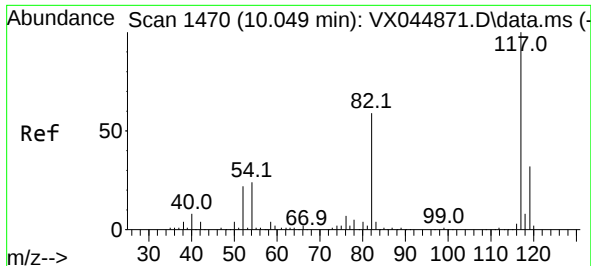
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 52.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

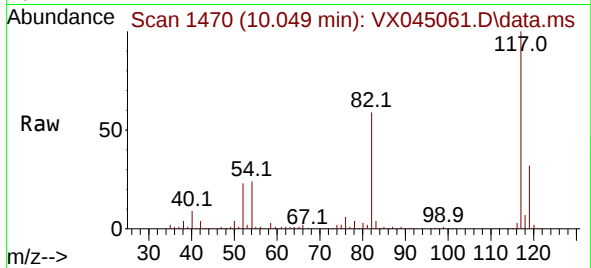
Tgt Ion: 95 Resp: 73711
Ion Ratio Lower Upper
95 100
174 74.8 0.0 142.6
176 73.0 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

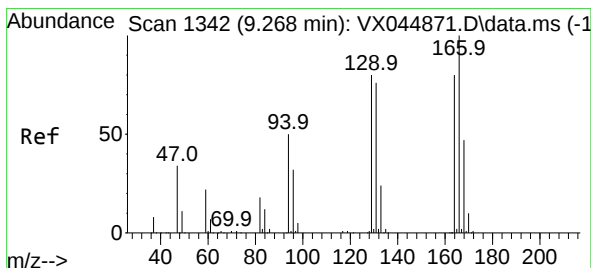
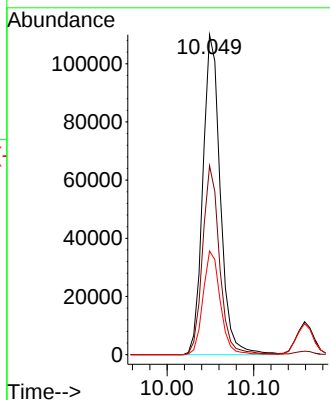
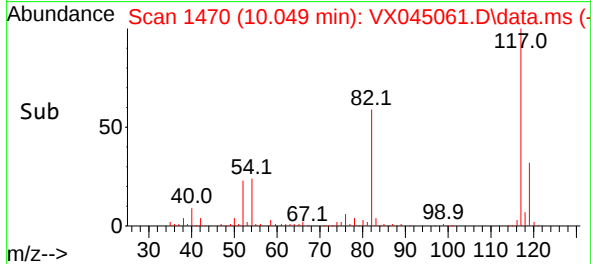
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion:117 Resp: 15413
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 32.4 25.4 38.0

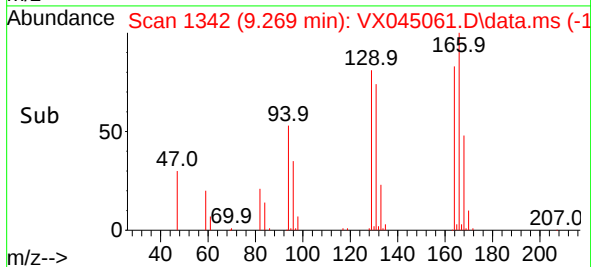
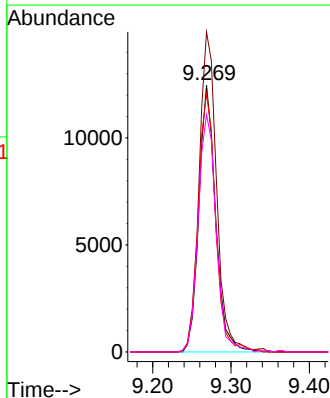
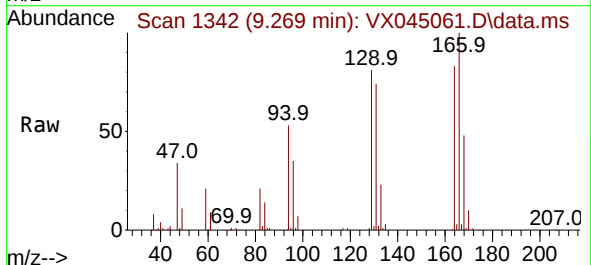
Manual Integrations
APPROVED

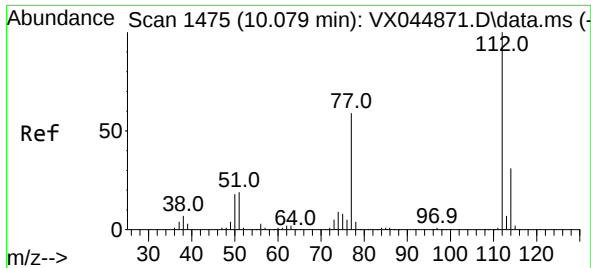
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 19.070 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

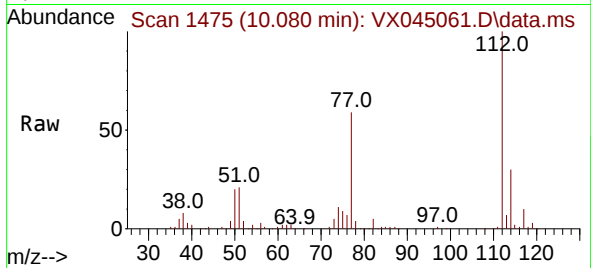
Tgt Ion:164 Resp: 18537
Ion Ratio Lower Upper
164 100
166 119.9 100.4 150.6
129 96.8 79.9 119.9
131 88.9 75.9 113.9





#65
Chlorobenzene
Concen: 19.583 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

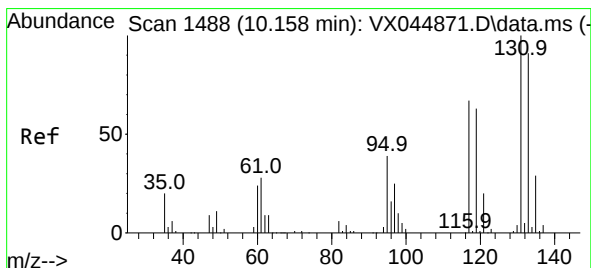
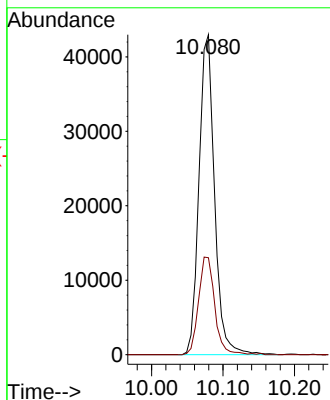
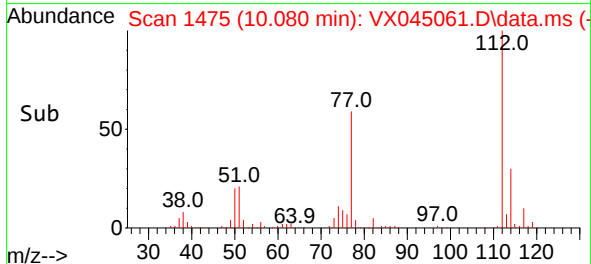
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



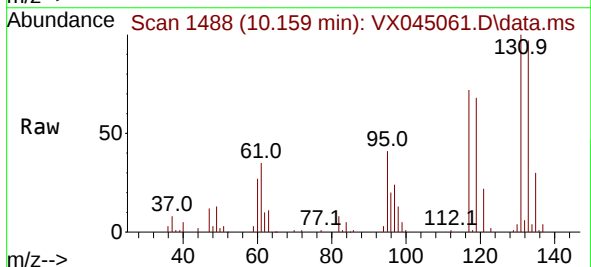
Tgt Ion:112 Resp: 64829
Ion Ratio Lower Upper
112 100
114 30.3 25.0 37.6

Manual Integrations
APPROVED

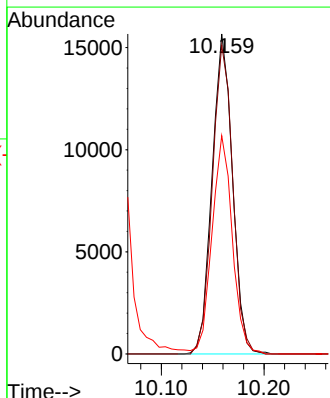
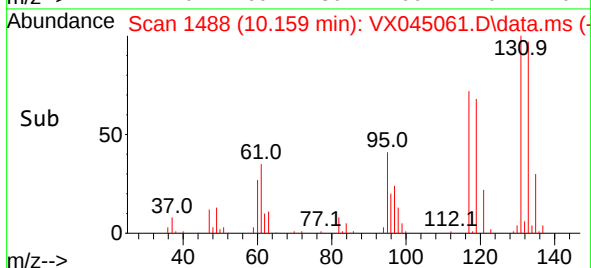
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

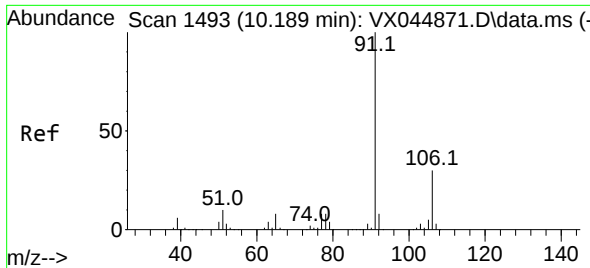


#66
1,1,1,2-Tetrachloroethane
Concen: 20.218 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



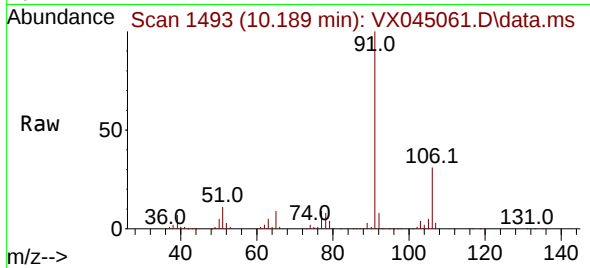
Tgt Ion:131 Resp: 21543
Ion Ratio Lower Upper
131 100
133 97.2 47.1 141.3
119 68.0 33.6 100.6





#67
Ethyl Benzene
Concen: 19.210 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

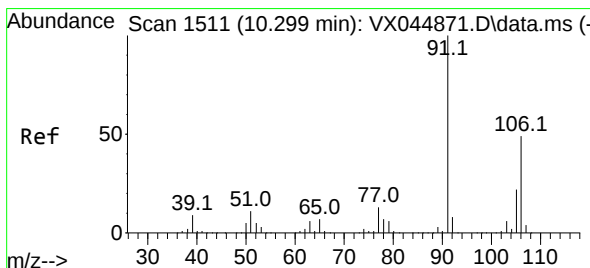
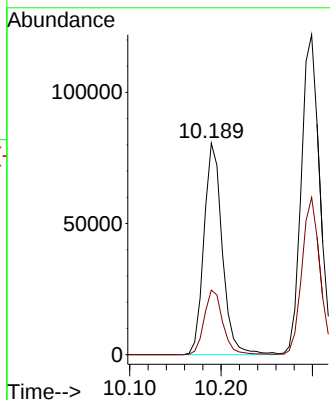
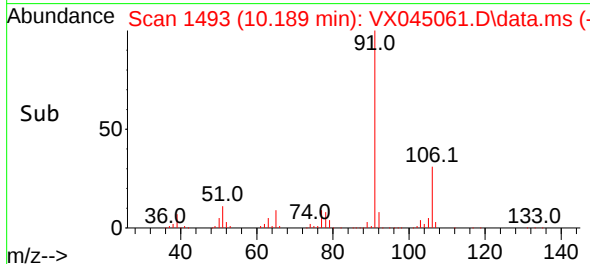
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 91 Resp: 11222
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9

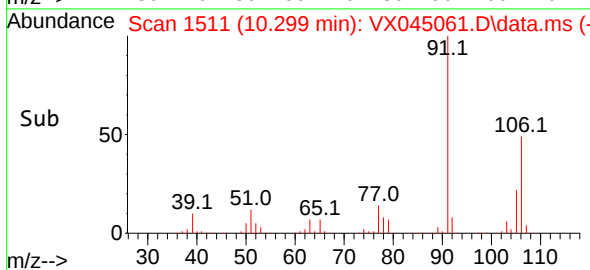
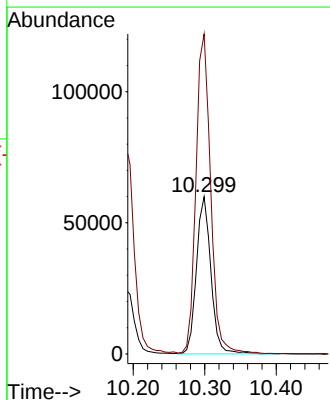
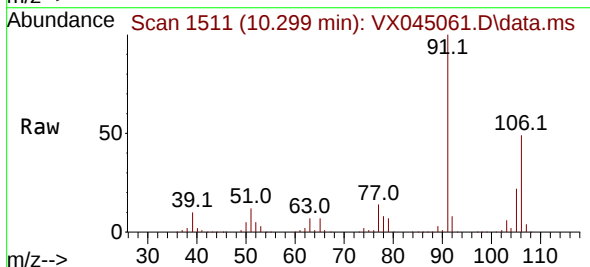
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 39.039 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Tgt Ion:106 Resp: 84131
Ion Ratio Lower Upper
106 100
91 206.9 164.3 246.5





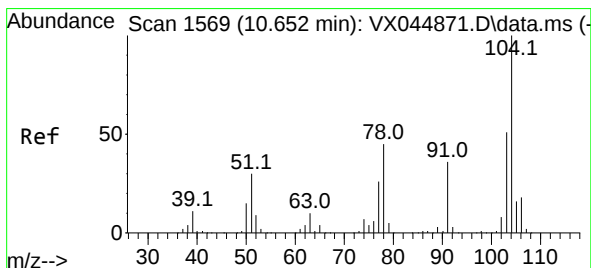
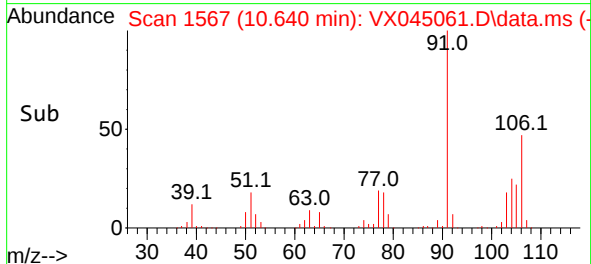
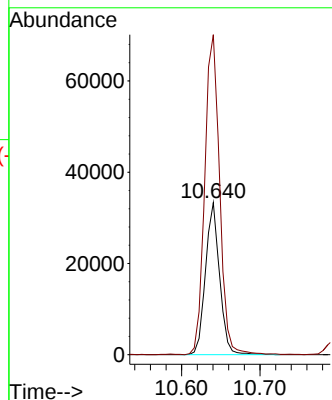
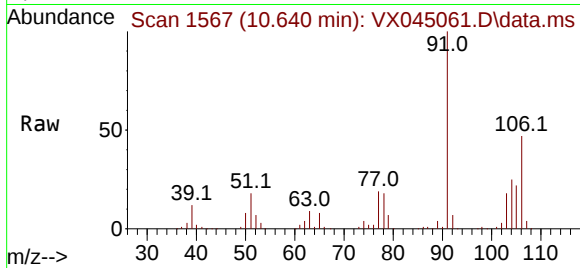
#69
o-Xylene
Concen: 19.216 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tgt Ion:106 Resp: 4155
Ion Ratio Lower Upper
106 100
91 222.9 108.5 325.5

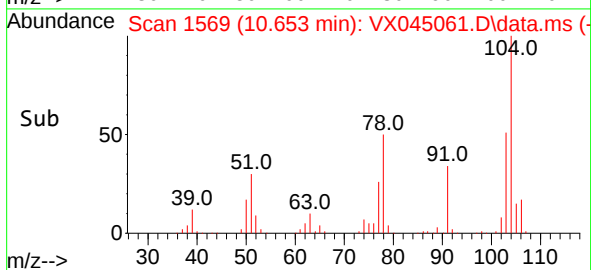
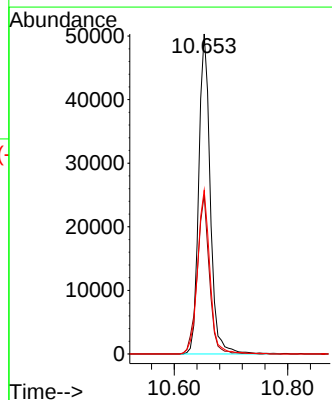
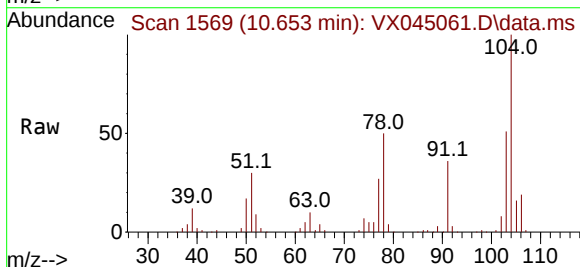
Manual Integrations
APPROVED

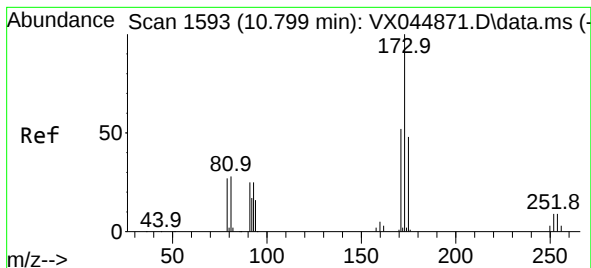
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 20.318 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Tgt Ion:104 Resp: 70784
Ion Ratio Lower Upper
104 100
78 52.0 40.5 60.7
103 54.9 43.6 65.4





#71

Bromoform

Concen: 22.890 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

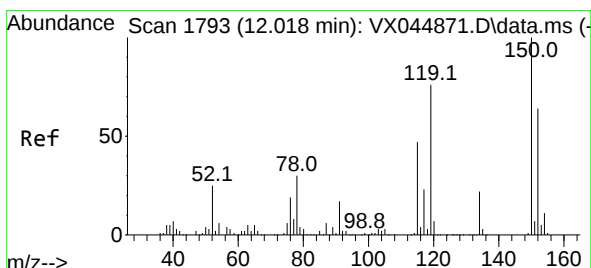
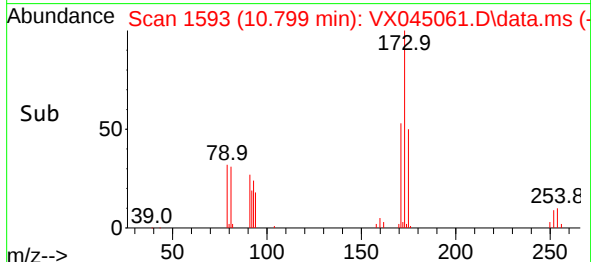
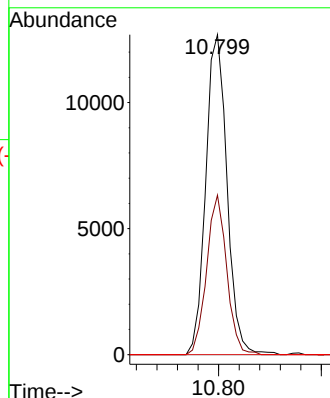
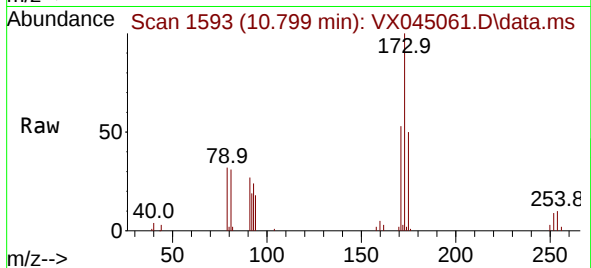
Tgt Ion:173 Resp: 1820
 Ion Ratio Lower Upper
 173 100
 175 47.2 24.3 72.8
 254 0.0 0.0 0.0

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

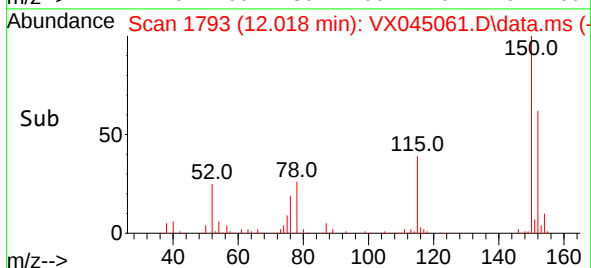
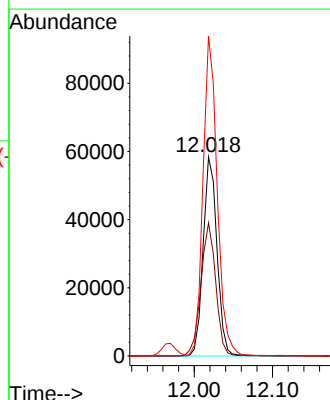
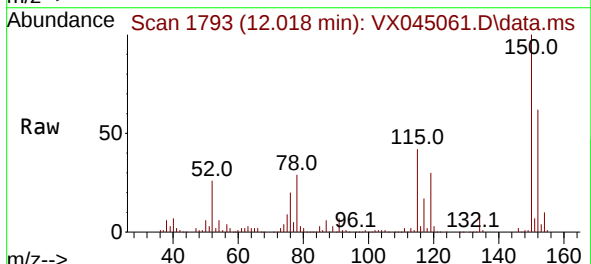
RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

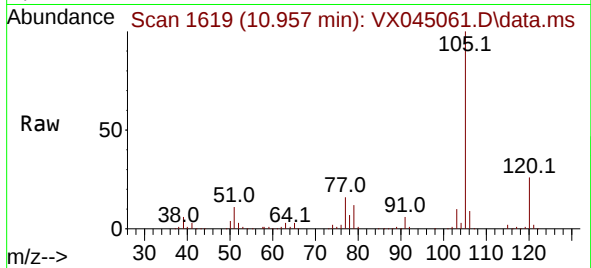
Tgt Ion:152 Resp: 71674
 Ion Ratio Lower Upper
 152 100
 115 71.7 43.4 130.1
 150 165.4 0.0 350.4





#73
Isopropylbenzene
Concen: 18.901 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

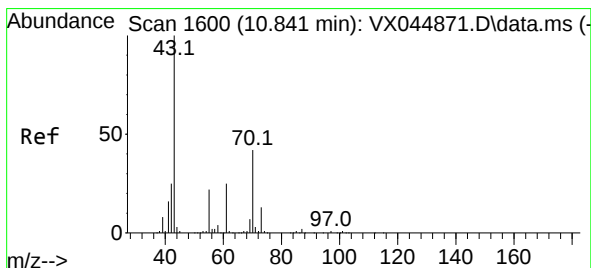
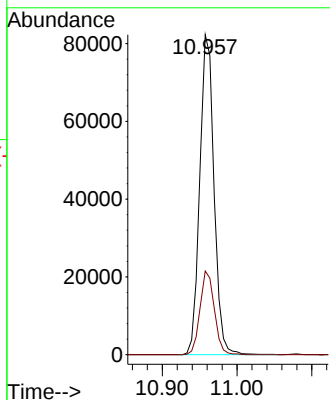
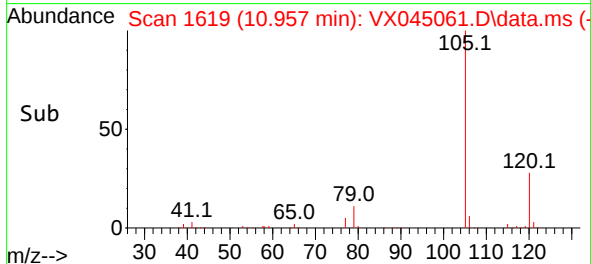
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



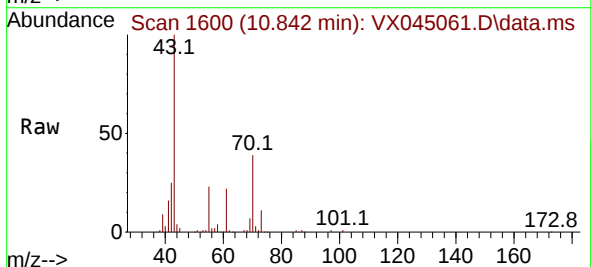
Tgt Ion:105 Resp: 109078
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5

Manual Integrations
APPROVED

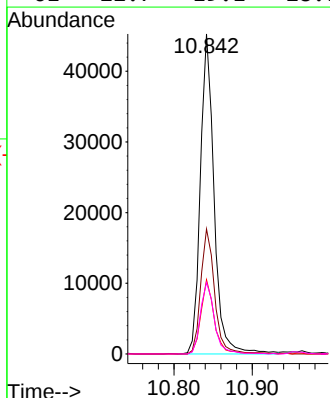
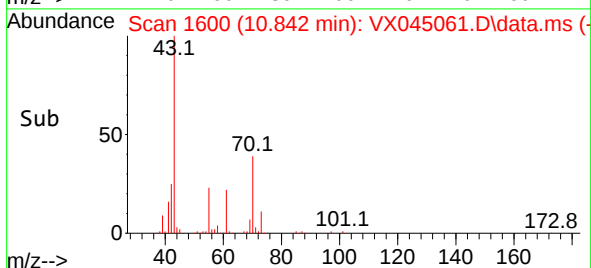
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 21.160 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



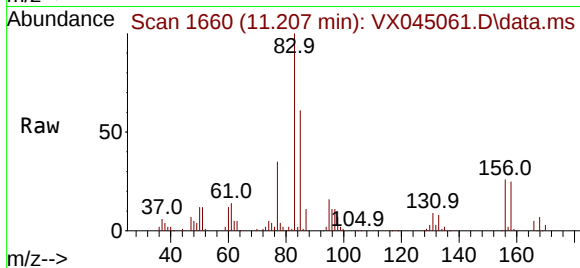
Tgt Ion: 43 Resp: 55260
Ion Ratio Lower Upper
43 100
70 39.6 33.7 50.5
55 22.7 18.6 27.8
61 22.7 19.1 28.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.472 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

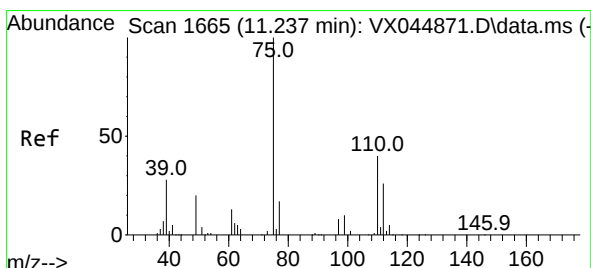
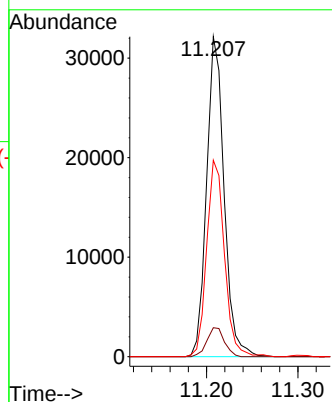
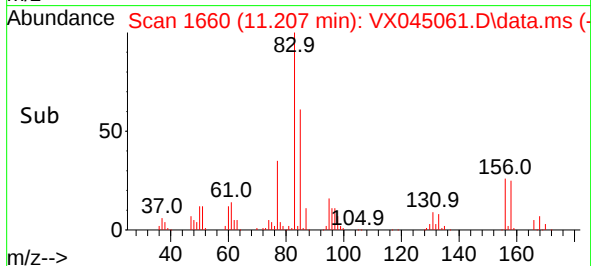
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



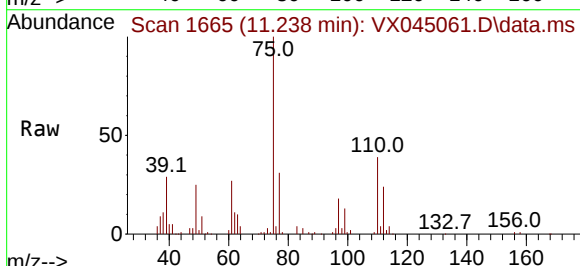
Tgt Ion: 83 Resp: 4258
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.5
85 62.5 32.3 96.8

Manual Integrations
APPROVED

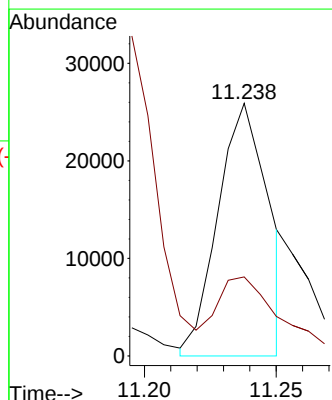
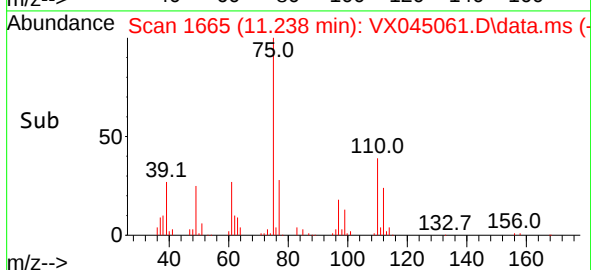
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

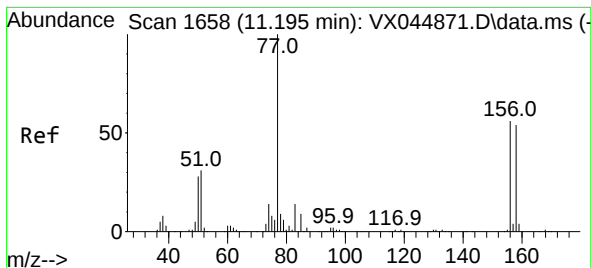


#76
1,2,3-Trichloropropane
Concen: 21.579 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



Tgt Ion: 75 Resp: 34291
Ion Ratio Lower Upper
75 100
77 40.4 21.9 65.7





#77

Bromobenzene

Concen: 19.585 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

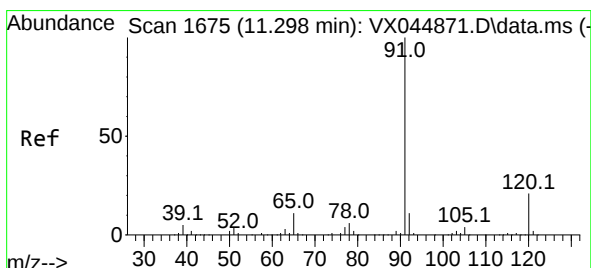
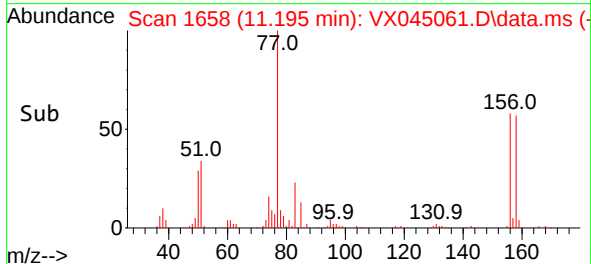
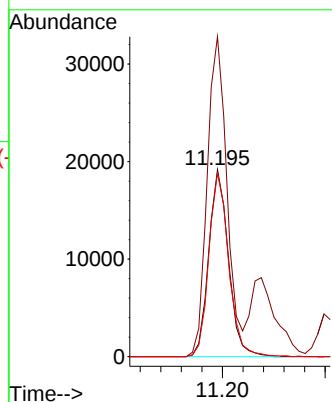
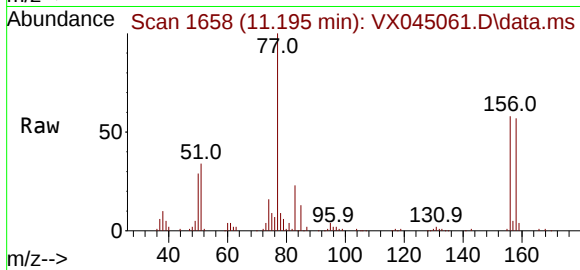
Tgt Ion:	156	Resp:	2562
Ion Ratio	Lower	Upper	
156	100		
77	171.1	88.4	265.3
158	99.0	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#78

n-propylbenzene

Concen: 18.974 ug/l

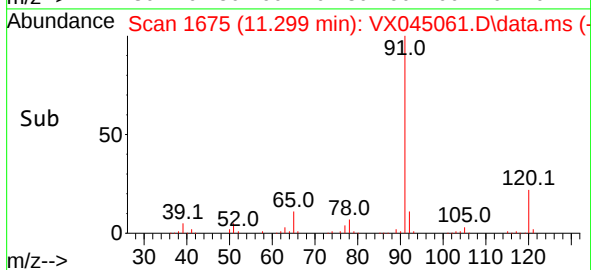
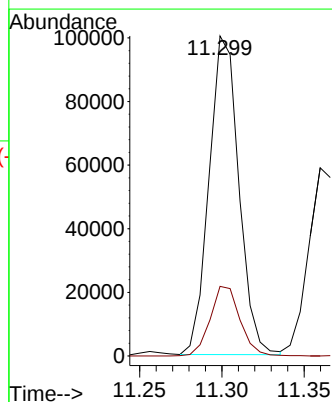
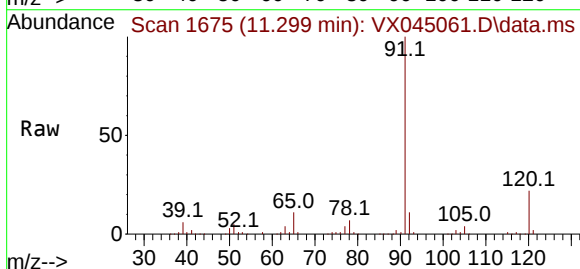
RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Tgt Ion:	91	Resp:	126393
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.1	33.3





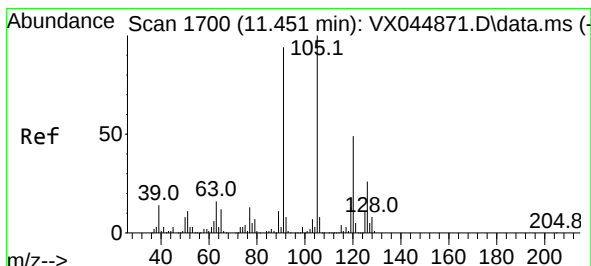
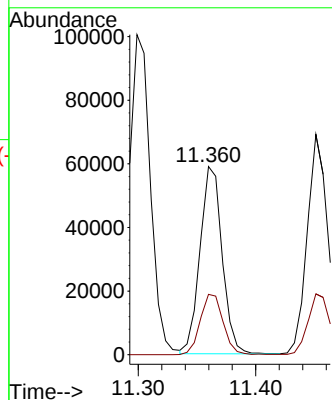
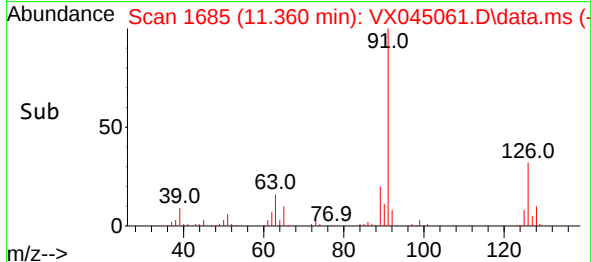
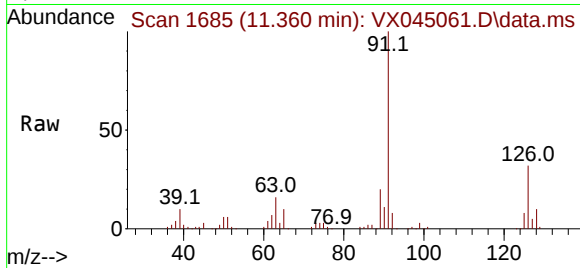
#79
2-Chlorotoluene
Concen: 18.857 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tgt Ion: 91 Resp: 77199
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

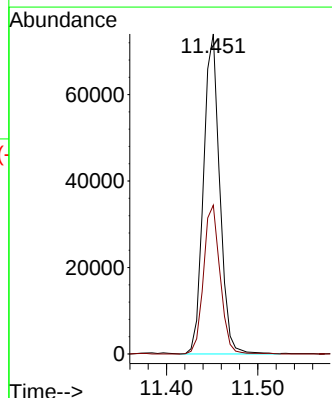
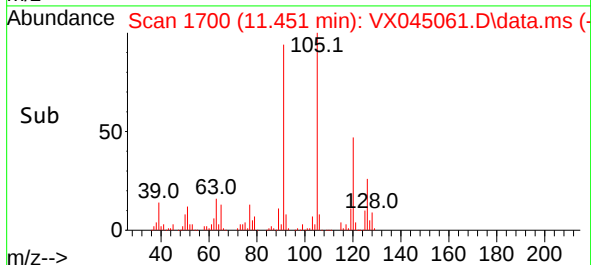
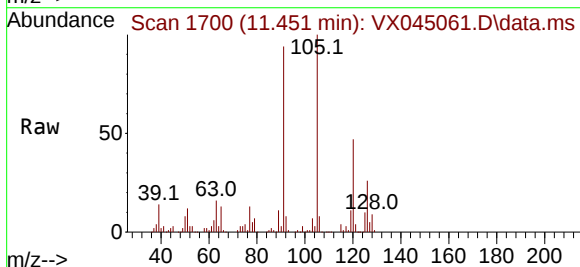
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 19.463 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Tgt Ion:105 Resp: 91149
Ion Ratio Lower Upper
105 100
120 47.5 24.0 72.0





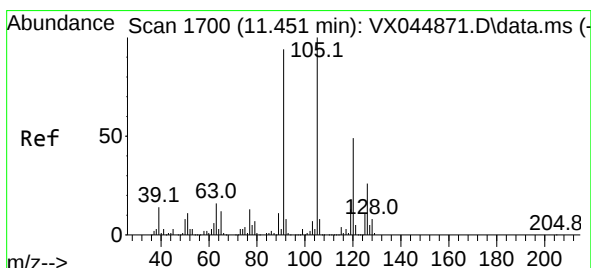
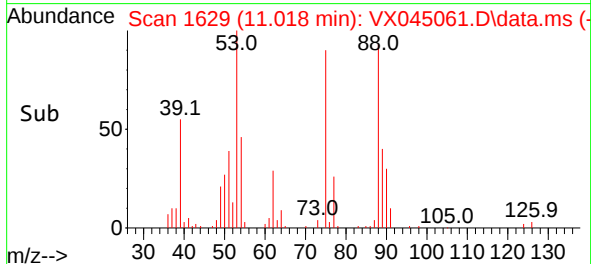
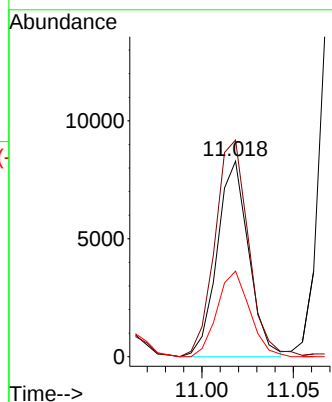
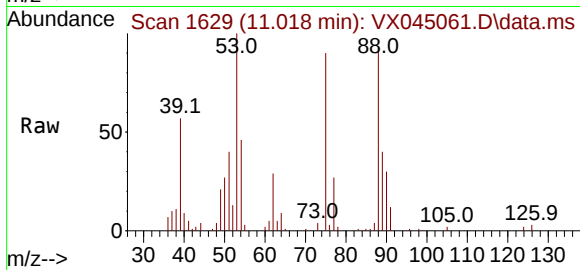
#81
trans-1,4-Dichloro-2-butene
Concen: 16.134 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01

Tgt Ion: 75 Resp: 996
Ion Ratio Lower Upper
75 100
53 118.8 78.0 117.0
89 45.0 36.6 54.8

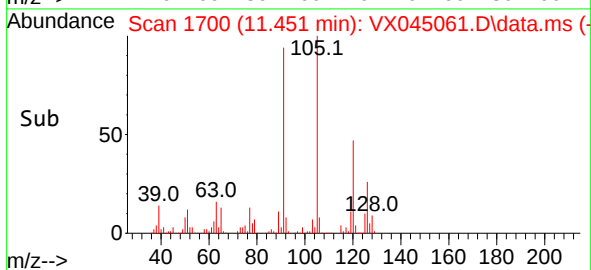
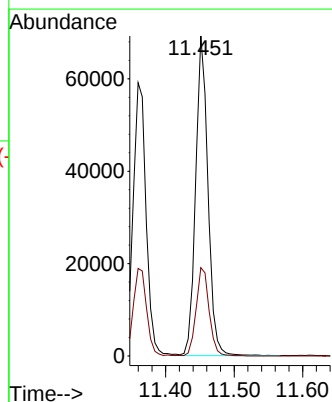
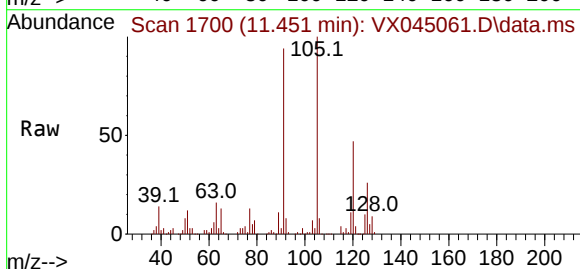
Manual Integrations
APPROVED

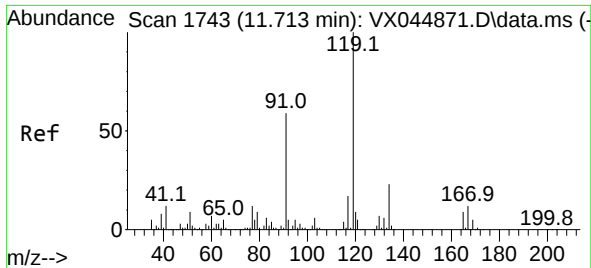
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 19.080 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

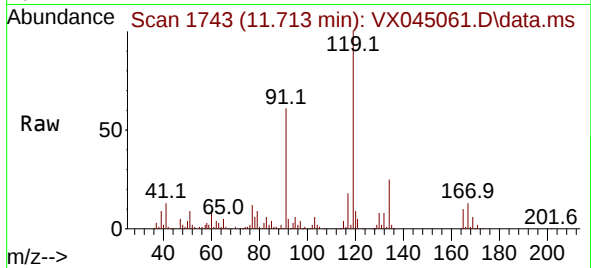
Tgt Ion: 91 Resp: 86420
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.561 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

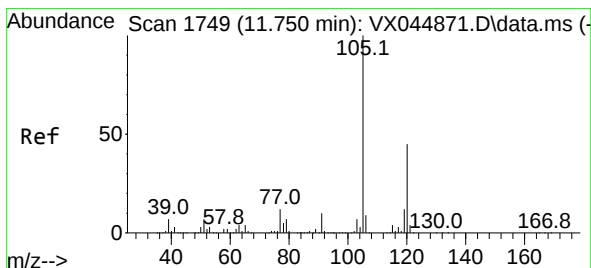
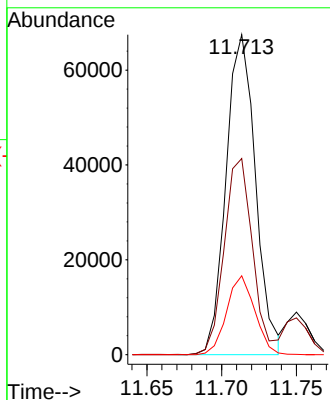
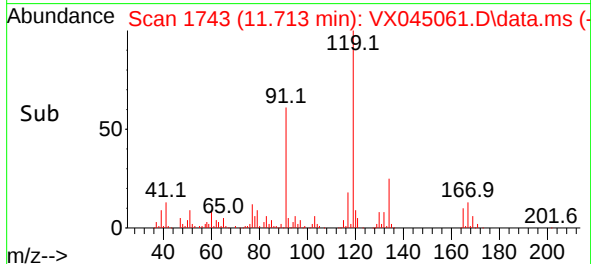
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



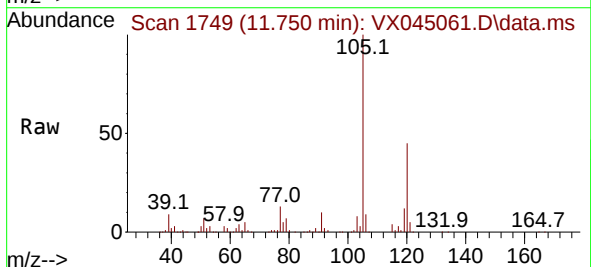
Tgt Ion:119 Resp: 92673
Ion Ratio Lower Upper
119 100
91 58.1 29.1 87.4
134 23.5 11.5 34.5

Manual Integrations
APPROVED

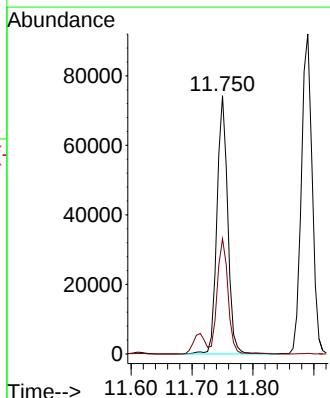
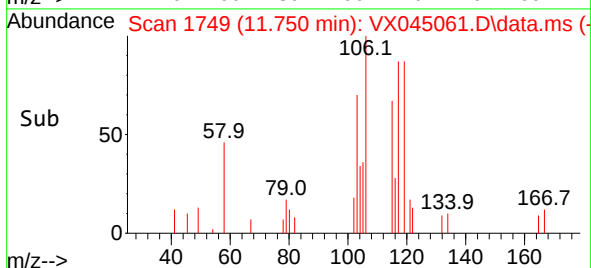
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

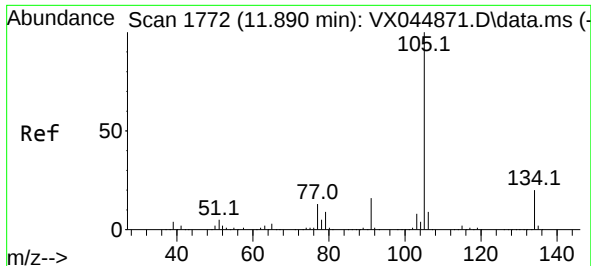


#84
1,2,4-Trimethylbenzene
Concen: 19.691 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



Tgt Ion:105 Resp: 91018
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.0





#85

sec-Butylbenzene

Concen: 19.290 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01

Tgt Ion:105 Resp: 113170

Ion Ratio Lower Upper

105 100

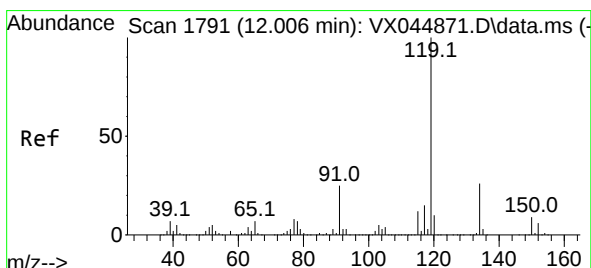
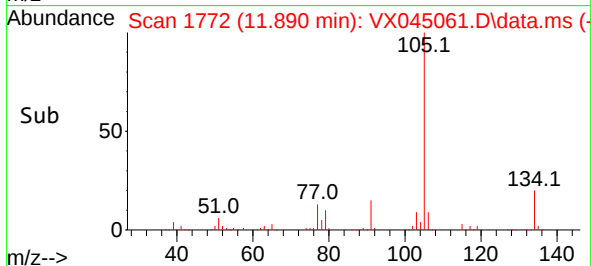
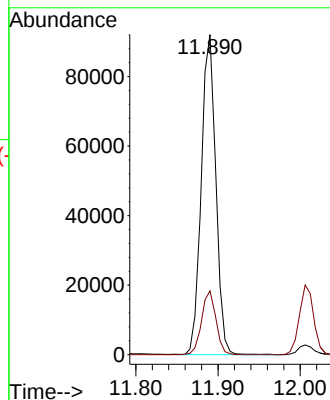
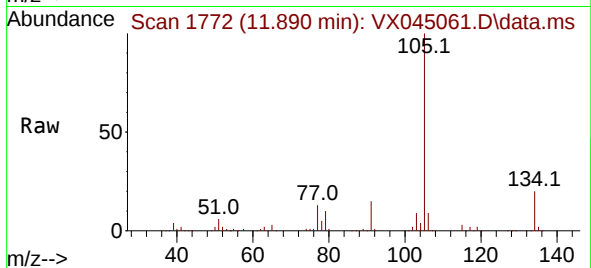
134 19.6 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#86

p-Isopropyltoluene

Concen: 19.805 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

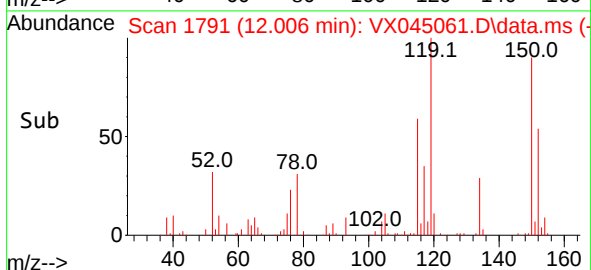
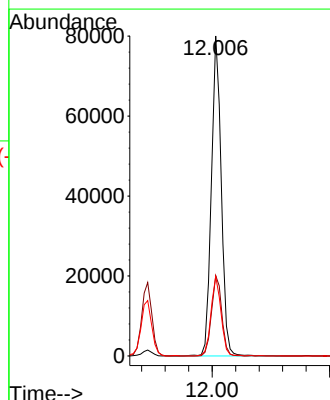
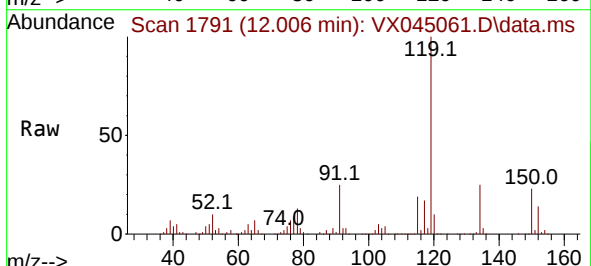
Tgt Ion:119 Resp: 93438

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 25.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.417 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045061.D

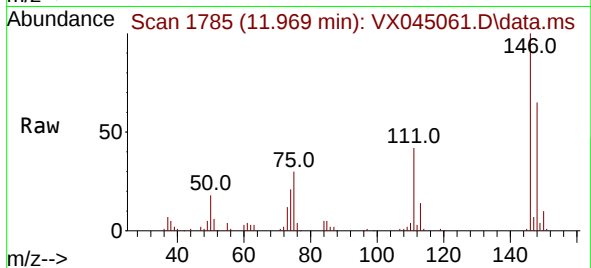
Acq: 27 Feb 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0227WBSD01



Tgt Ion:146 Resp: 46720

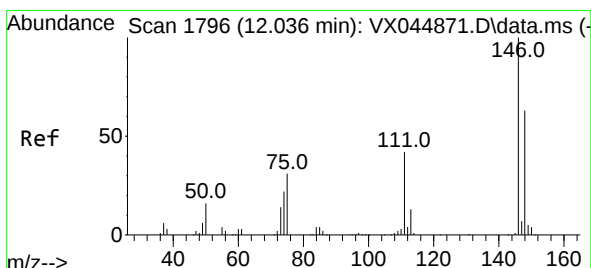
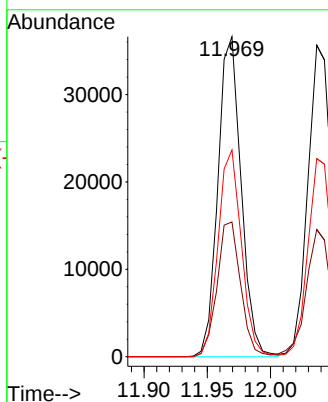
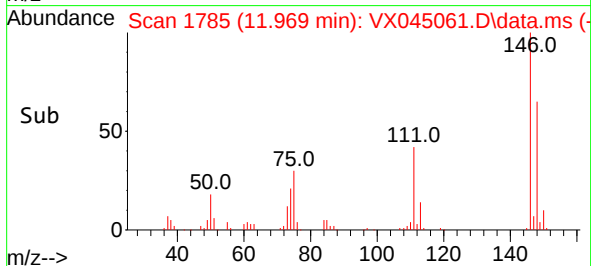
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	65.0	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#88

1,4-Dichlorobenzene

Concen: 19.529 ug/l

RT: 12.037 min Scan# 1796

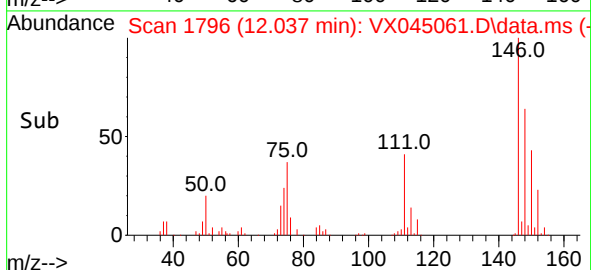
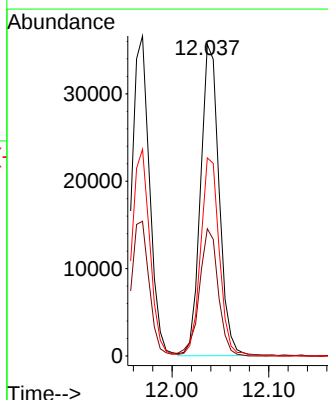
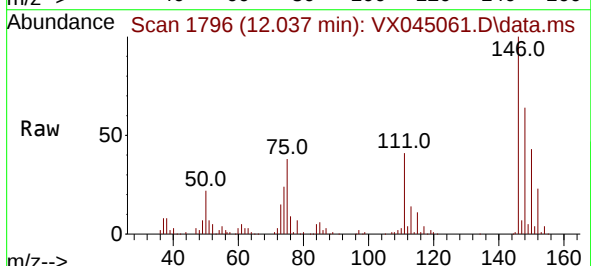
Delta R.T. 0.000 min

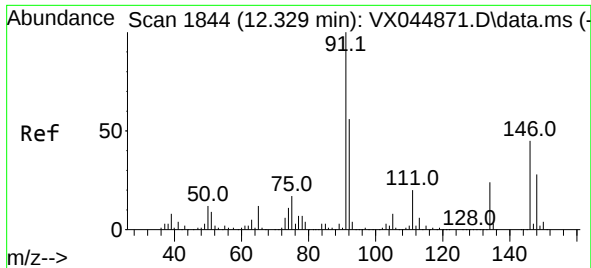
Lab File: VX045061.D

Acq: 27 Feb 2025 14:32

Tgt Ion:146 Resp: 47510

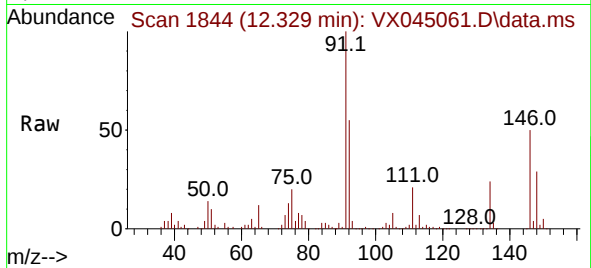
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.3
148	64.1	32.0	96.0





#89
n-Butylbenzene
Concen: 19.027 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

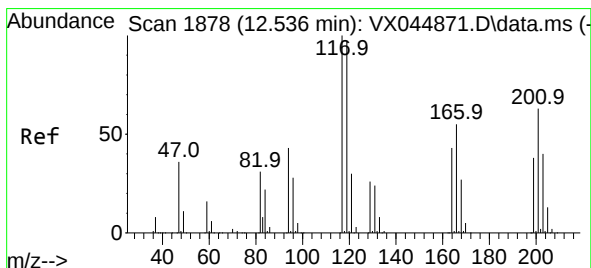
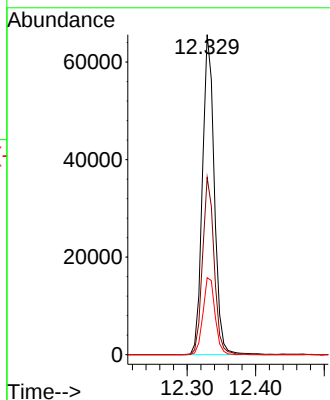
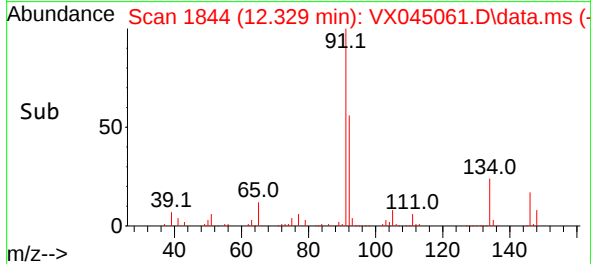
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion: 91 Resp: 79418
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 24.5 12.1 36.3

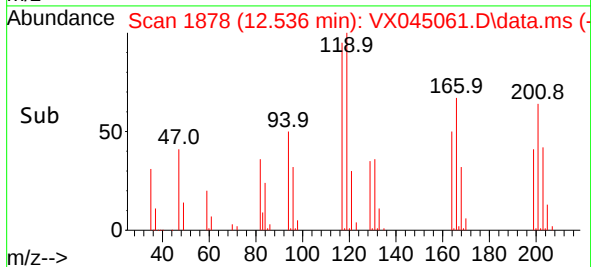
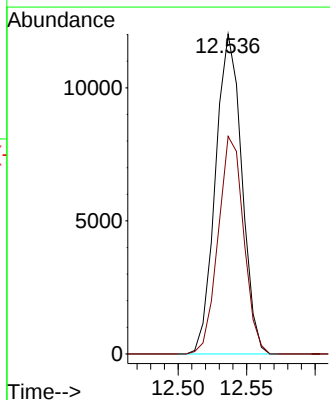
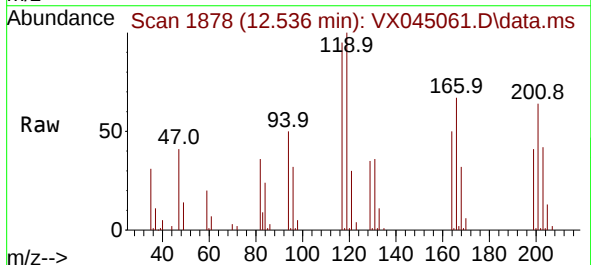
Manual Integrations
APPROVED

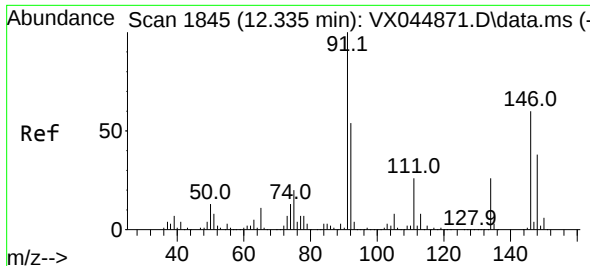
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#90
Hexachloroethane
Concen: 18.172 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

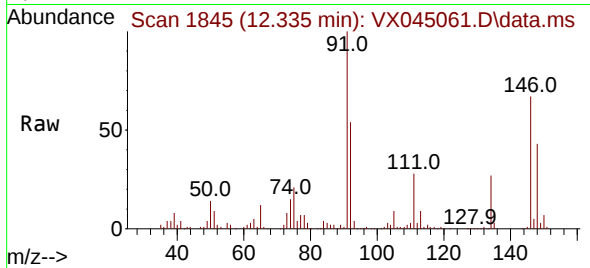
Tgt Ion:117 Resp: 16053
Ion Ratio Lower Upper
117 100
201 66.1 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 20.542 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

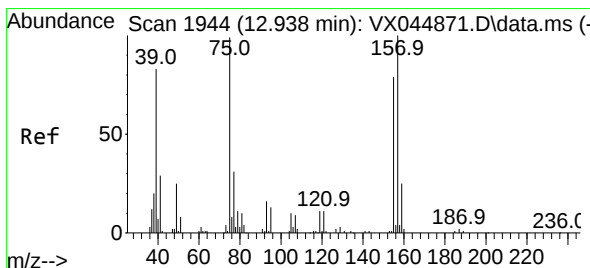
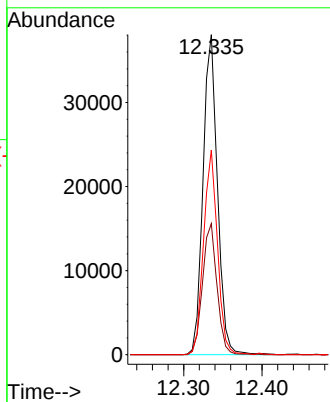
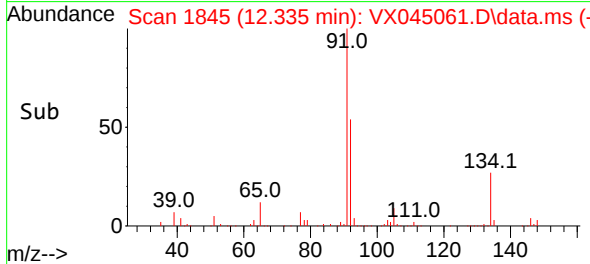
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



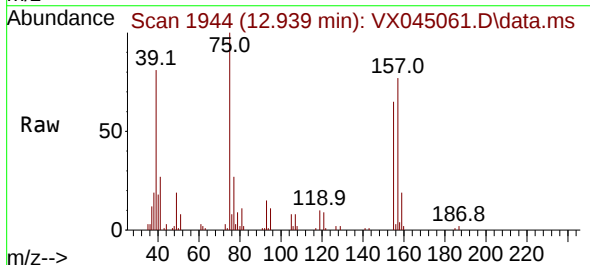
Tgt Ion:146 Resp: 48570
Ion Ratio Lower Upper
146 100
111 41.2 21.8 65.4
148 61.8 31.9 95.9

Manual Integrations
APPROVED

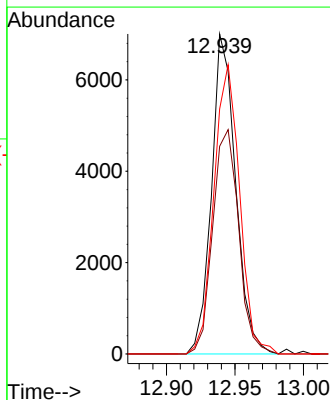
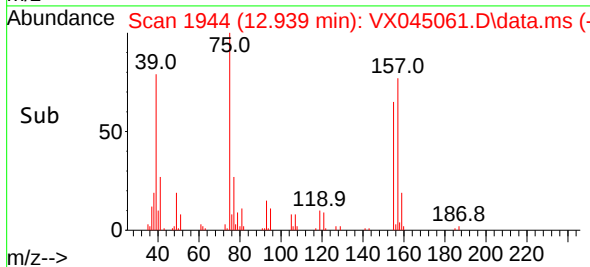
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

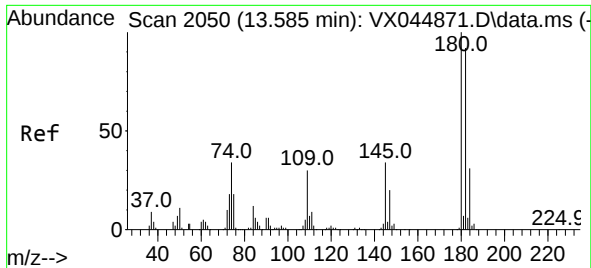


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.708 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



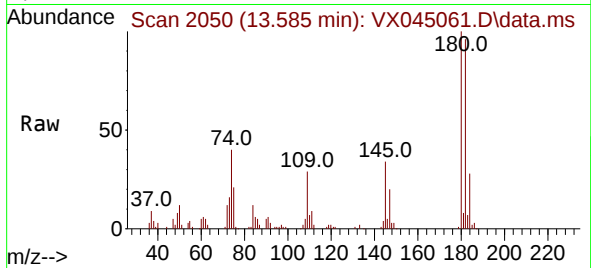
Tgt Ion: 75 Resp: 8581
Ion Ratio Lower Upper
75 100
155 75.5 40.5 121.4
157 96.4 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 18.830 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

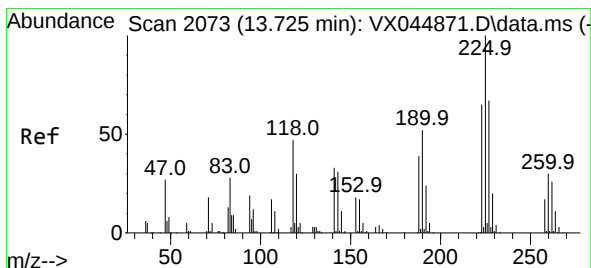
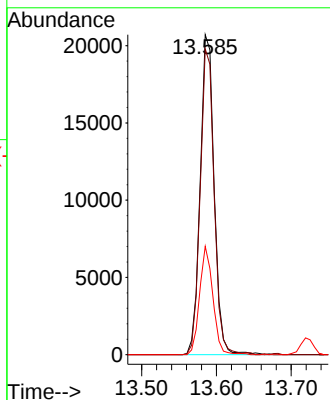
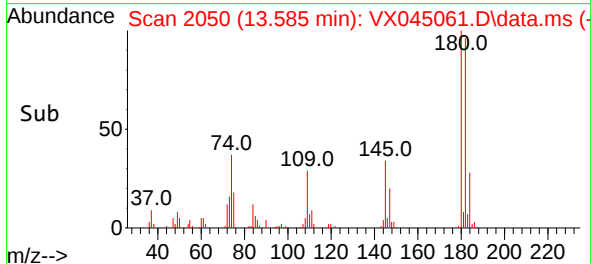
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



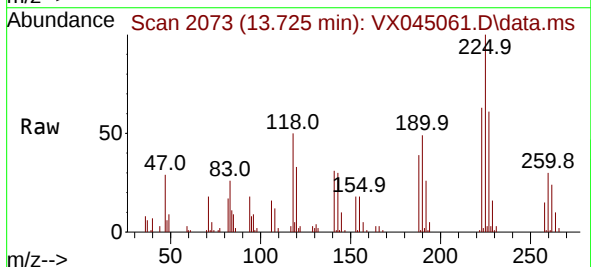
Tgt Ion:180 Resp: 26944
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.8
145 32.1 16.4 49.1

Manual Integrations
APPROVED

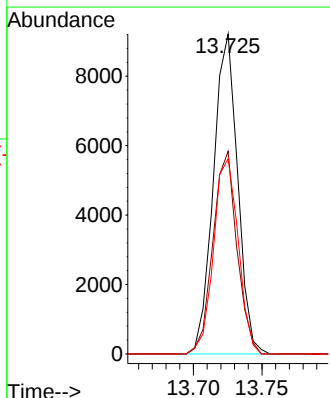
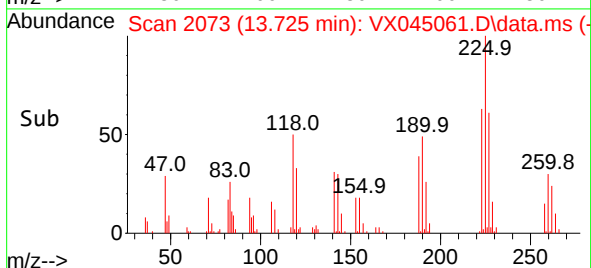
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

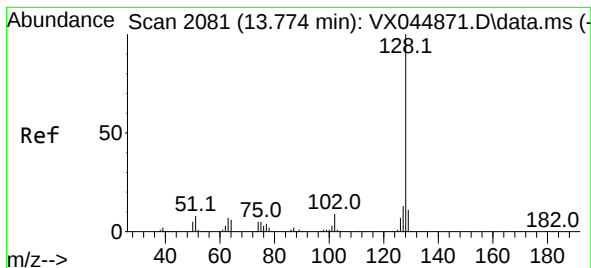


#94
Hexachlorobutadiene
Concen: 19.917 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32



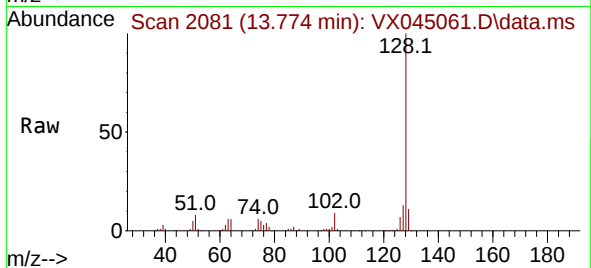
Tgt Ion:225 Resp: 11314
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.2
227 62.3 32.3 96.8





#95
Naphthalene
Concen: 20.272 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

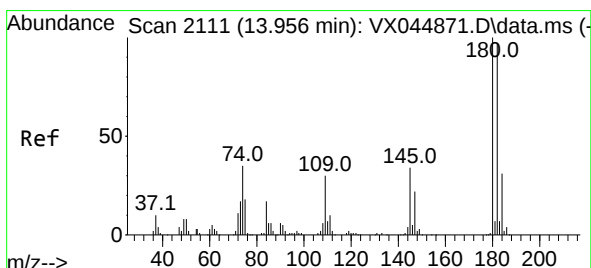
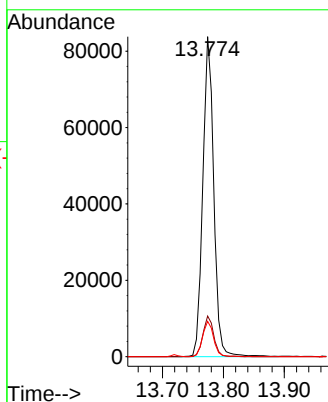
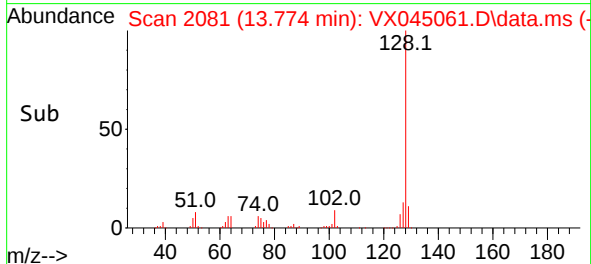
Instrument :
MSVOA_X
ClientSampleId :
VX0227WBSD01



Tgt Ion:128 Resp: 104858
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.2 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.529 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.007 min
Lab File: VX045061.D
Acq: 27 Feb 2025 14:32

Tgt Ion:180 Resp: 28158
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 33.3 17.1 51.3

