

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046660.D
 Acq On : 12 Jun 2025 13:38
 Operator : JC/MD
 Sample : VX0612WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS01

Quant Time: Jun 13 01:42:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	85578	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.769	114	144622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63210	41.517	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.040%		
35) Dibromofluoromethane	5.397	113	51021	47.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	8.647	98	167446	47.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.500%		
62) 4-Bromofluorobenzene	11.079	95	69758	48.084	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	17232	14.504	ug/l	100
3) Chloromethane	1.306	50	15679	14.498	ug/l	97
4) Vinyl Chloride	1.386	62	16285	15.106	ug/l	100
5) Bromomethane	1.623	94	10482	16.017	ug/l	99
6) Chloroethane	1.703	64	10352	14.800	ug/l	95
7) Trichlorofluoromethane	1.904	101	27911	15.648	ug/l	92
8) Diethyl Ether	2.148	74	10221	16.219	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.343	101	19140	17.032	ug/l	95
10) Methyl Iodide	2.465	142	17822	14.630	ug/l	95
11) Tert butyl alcohol	2.965	59	14604	86.443	ug/l	99
12) 1,1-Dichloroethene	2.331	96	17566	17.289	ug/l	84
13) Acrolein	2.251	56	9994	73.047	ug/l	100
14) Allyl chloride	2.678	41	33622	16.850	ug/l	93
15) Acrylonitrile	3.074	53	58711	91.913	ug/l	99
16) Acetone	2.392	43	52132	90.187	ug/l	92
17) Carbon Disulfide	2.526	76	33805	15.809	ug/l	100
18) Methyl Acetate	2.715	43	35232	19.427	ug/l	95
19) Methyl tert-butyl Ether	3.129	73	66811	18.793	ug/l	98
20) Methylene Chloride	2.800	84	21926	17.951	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	18523	17.227	ug/l	97
22) Diisopropyl ether	3.769	45	72754	18.494	ug/l #	65
23) Vinyl Acetate	3.733	43	272827	89.826	ug/l	99
24) 1,1-Dichloroethane	3.623	63	38925	17.753	ug/l	99
25) 2-Butanone	4.568	43	74592	88.008	ug/l	96
26) 2,2-Dichloropropane	4.483	77	29645	18.213	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	23891	18.050	ug/l	95
28) Bromochloromethane	4.909	49	26095	24.953	ug/l	92
29) Tetrahydrofuran	5.013	42	45745	85.463	ug/l	96
30) Chloroform	5.105	83	41974	18.271	ug/l	97
31) Cyclohexane	5.476	56	29749	16.807	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	35020	17.821	ug/l	97
36) 1,1-Dichloropropene	5.702	75	25822	16.997	ug/l	97
37) Ethyl Acetate	4.727	43	29586	19.954	ug/l	99
38) Carbon Tetrachloride	5.690	117	29642	17.420	ug/l	99
39) Methylcyclohexane	7.385	83	29365	16.376	ug/l	95
40) Benzene	6.049	78	79810	18.661	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	16120	17.507	ug/l #	92
42) 1,2-Dichloroethane	6.098	62	31253	17.565	ug/l	97
43) Isopropyl Acetate	6.348	43	46852	18.125	ug/l	96
44) Trichloroethene	7.129	130	20132	18.526	ug/l	97
45) 1,2-Dichloropropane	7.433	63	21411	19.396	ug/l	96
46) Dibromomethane	7.586	93	15723	18.933	ug/l	94
47) Bromodichloromethane	7.824	83	33506	19.622	ug/l	98
48) Methyl methacrylate	7.696	41	24360	18.316	ug/l	92
49) 1,4-Dioxane	7.659	88	6794	382.003	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	158516	96.503	ug/l	97
52) Toluene	8.720	92	52013	19.796	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	29385	19.193	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	32617	19.161	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	21748	20.618	ug/l	99
56) Ethyl methacrylate	9.116	69	32307	19.903	ug/l	92
57) 1,3-Dichloropropane	9.311	76	35837	19.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	87671	99.160	ug/l	97
59) 2-Hexanone	9.433	43	113348	96.217	ug/l	95
60) Dibromochloromethane	9.518	129	25395	20.468	ug/l	98
61) 1,2-Dibromoethane	9.610	107	21756	19.793	ug/l	98
64) Tetrachloroethene	9.275	164	16534	18.916	ug/l	98
65) Chlorobenzene	10.079	112	59264	19.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21995	21.172	ug/l	98
67) Ethyl Benzene	10.195	91	99830	18.601	ug/l	97
68) m/p-Xylenes	10.299	106	77489	39.802	ug/l	94
69) o-Xylene	10.640	106	37114	19.709	ug/l	98
70) Styrene	10.652	104	66406	20.601	ug/l	96
71) Bromoform	10.799	173	16330	20.616	ug/l #	99
73) Isopropylbenzene	10.963	105	101339	18.679	ug/l	99
74) N-amyl acetate	10.841	43	42555	17.811	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	33322	19.188	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	26882m	18.389	ug/l	
77) Bromobenzene	11.195	156	24285	19.285	ug/l	93
78) n-propylbenzene	11.305	91	118689	18.075	ug/l	98
79) 2-Chlorotoluene	11.366	91	72123	18.214	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	85488	18.909	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9208	18.170	ug/l	91
82) 4-Chlorotoluene	11.451	91	86099	18.344	ug/l	97
83) tert-Butylbenzene	11.713	119	84512	18.363	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	85107	18.609	ug/l	98
85) sec-Butylbenzene	11.890	105	106791	18.059	ug/l	99
86) p-Isopropyltoluene	12.006	119	92930	18.850	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	47662	19.491	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	48120	18.991	ug/l	99
89) n-Butylbenzene	12.329	91	85715	17.705	ug/l	99
90) Hexachloroethane	12.536	117	15279	17.437	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	45679	19.352	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6541	16.820	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	31308	19.444	ug/l	97
94) Hexachlorobutadiene	13.725	225	13715	18.328	ug/l	99
95) Naphthalene	13.774	128	101037	19.787	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	30574	18.936	ug/l	99

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

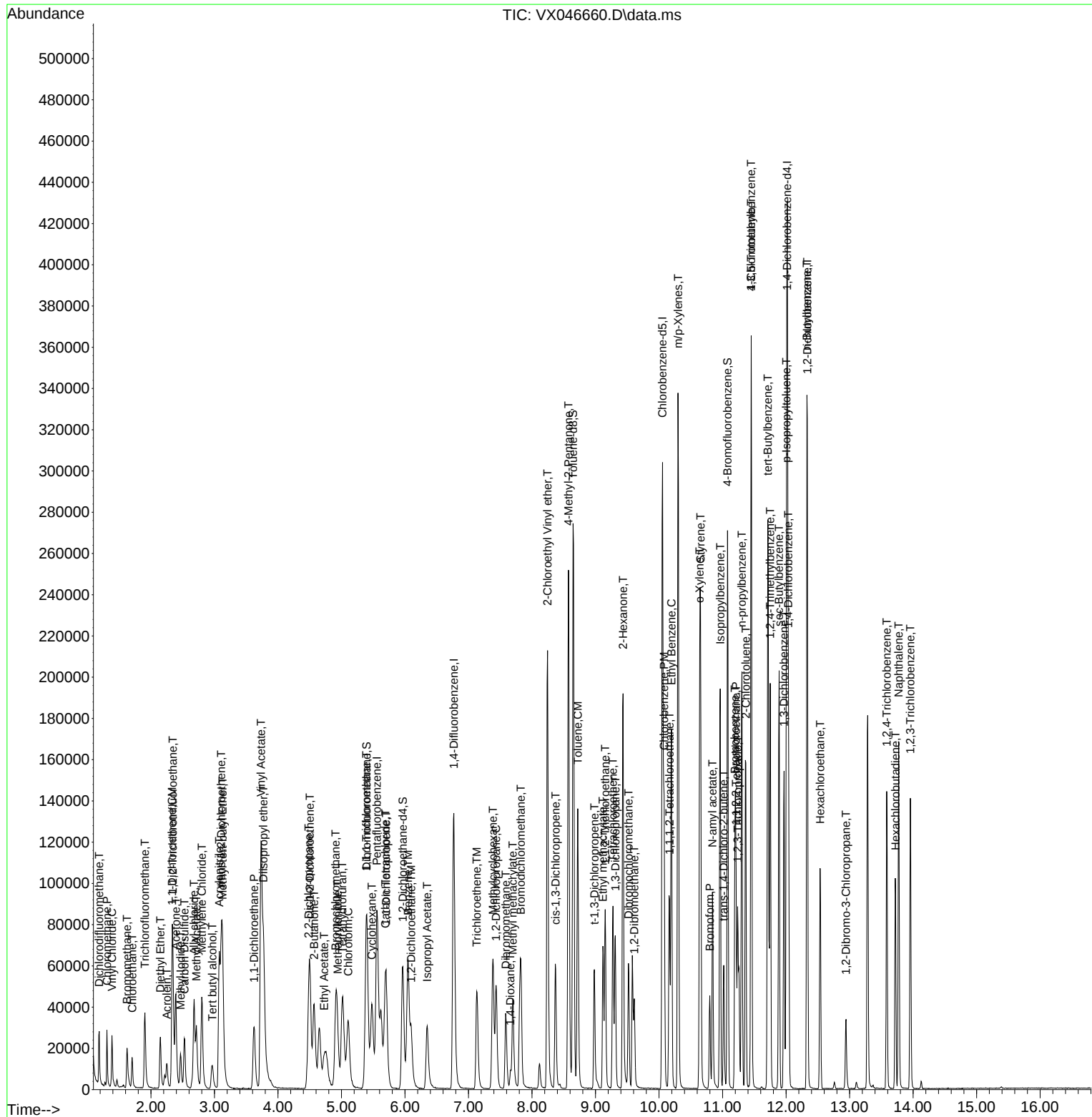
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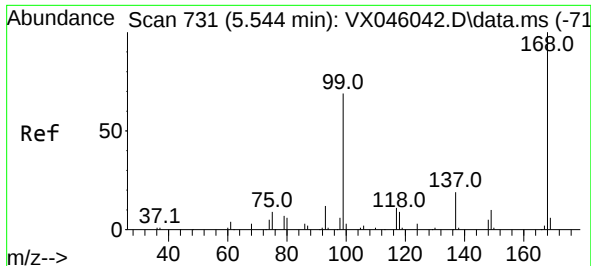
Instrument :
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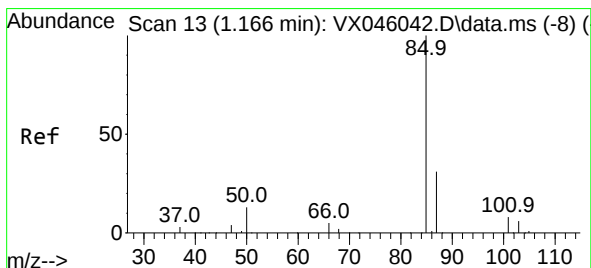
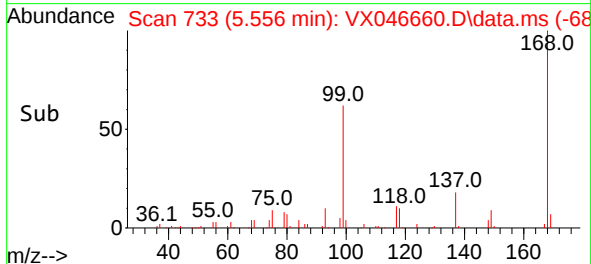
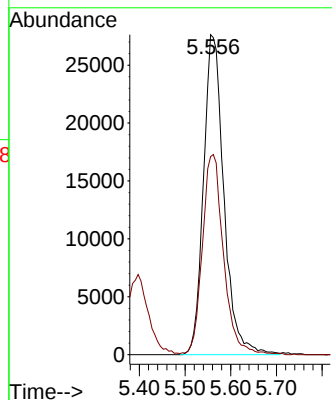
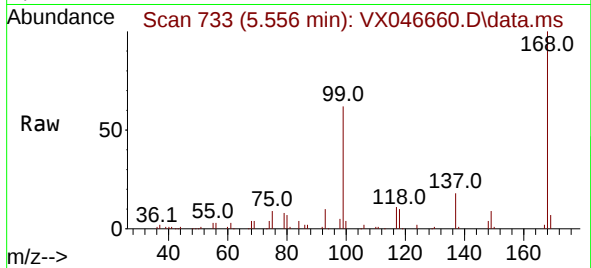
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion:168 Resp: 85578
Ion Ratio Lower Upper
168 100
99 61.5 54.9 82.3

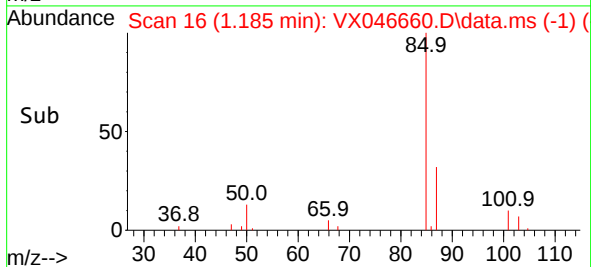
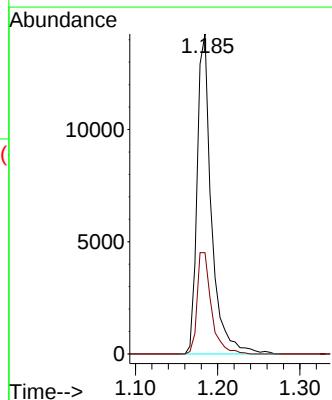
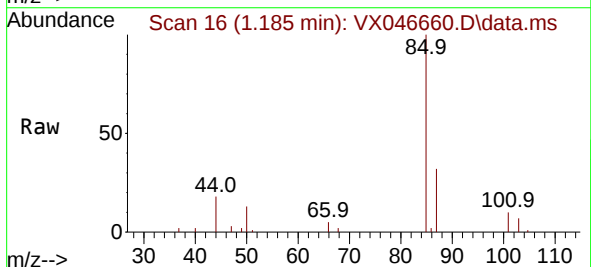
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#2
Dichlorodifluoromethane
Concen: 14.504 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

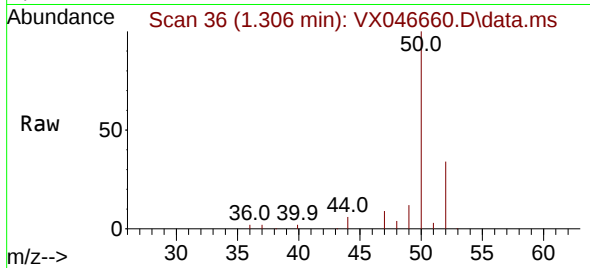
Tgt Ion: 85 Resp: 17232
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.1





#3
Chloromethane
Concen: 14.498 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.001 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

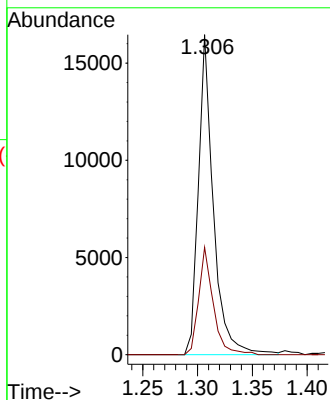
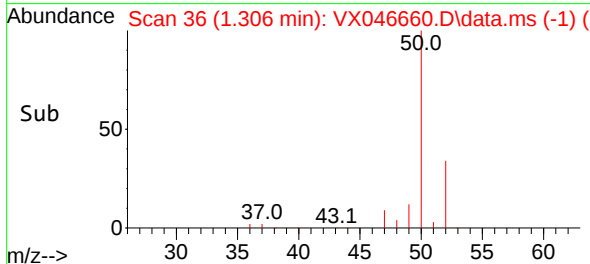
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MSVOA_X
ClientSampleId :
VX0612WBS01



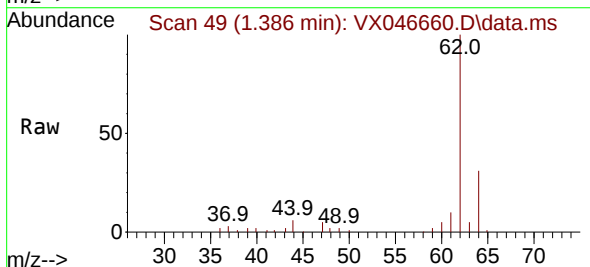
Tgt Ion: 50 Resp: 15679
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2

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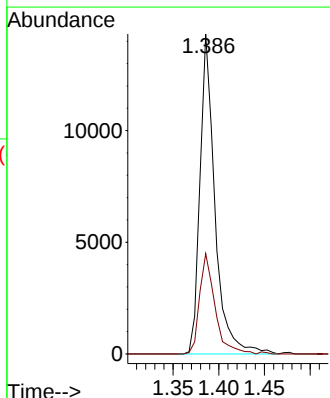
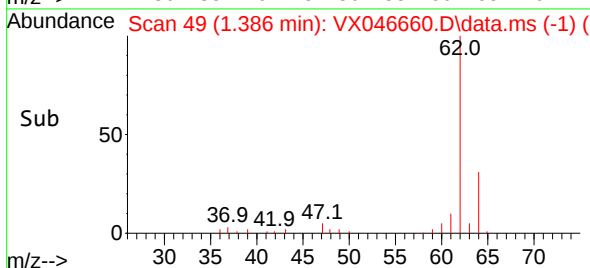
Reviewed By :John Carlone 06/13/2025
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#4
Vinyl Chloride
Concen: 15.106 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38



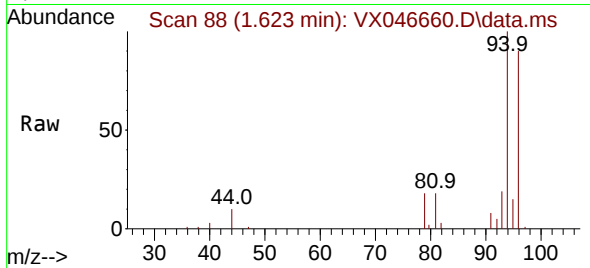
Tgt Ion: 62 Resp: 16285
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8





#5
Bromomethane
Concen: 16.017 ug/l
RT: 1.623 min Scan# 80
Delta R.T. -0.001 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

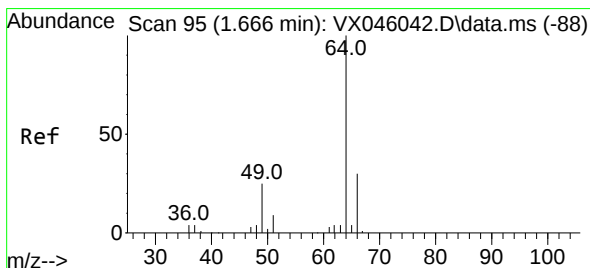
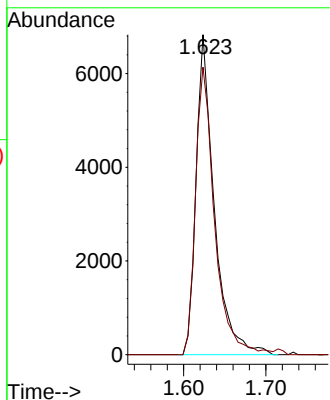
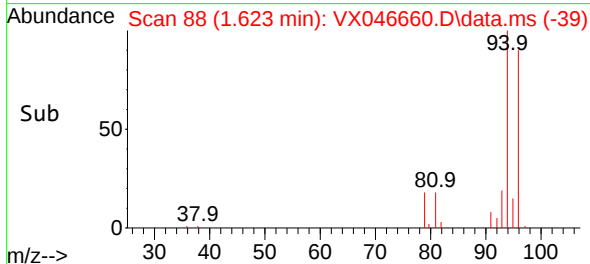
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 1048
Ion Ratio Lower Upper
94 100
96 89.9 72.8 109.2

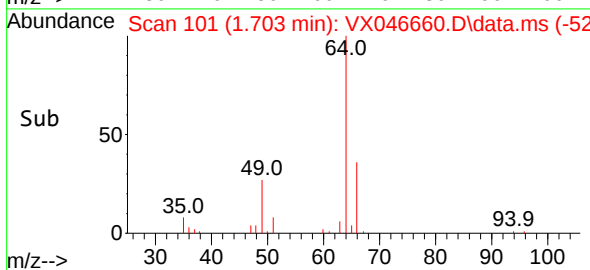
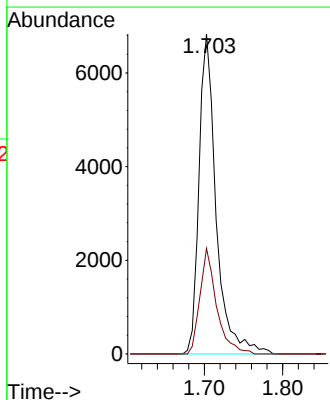
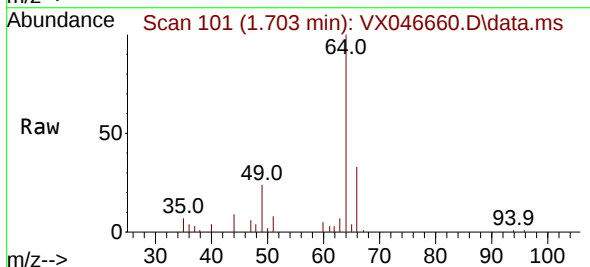
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#6
Chloroethane
Concen: 14.800 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046660.D
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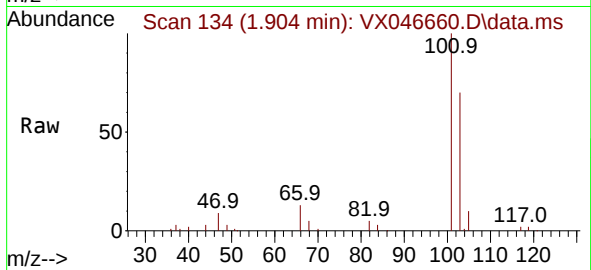
Tgt Ion: 64 Resp: 10352
Ion Ratio Lower Upper
64 100
66 32.9 24.3 36.5





#7
Trichlorofluoromethane
Concen: 15.648 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

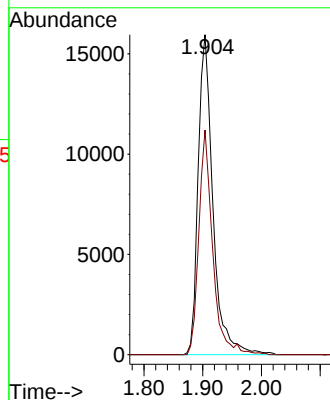
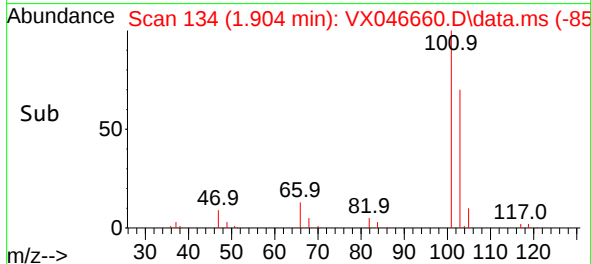
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion:101 Resp: 2791
Ion Ratio Lower Upper
101 100
103 70.2 51.0 76.4

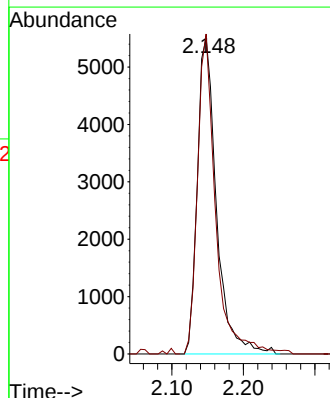
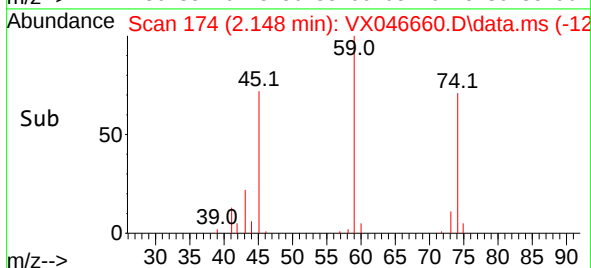
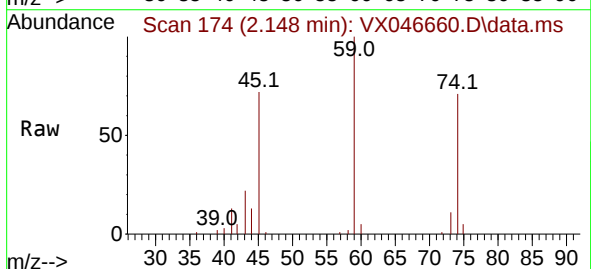
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#8
Diethyl Ether
Concen: 16.219 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

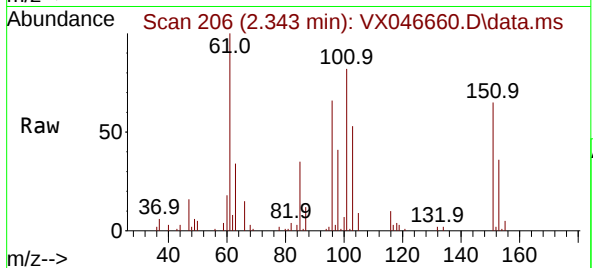
Tgt Ion: 74 Resp: 10221
Ion Ratio Lower Upper
74 100
45 96.2 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.032 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046660.D
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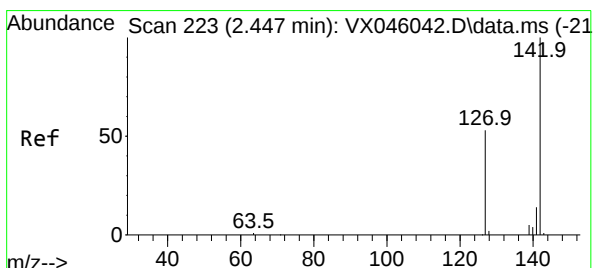
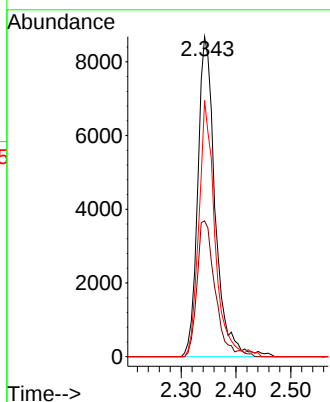
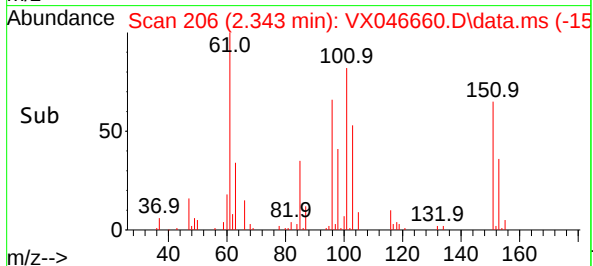
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VX0612WBS01



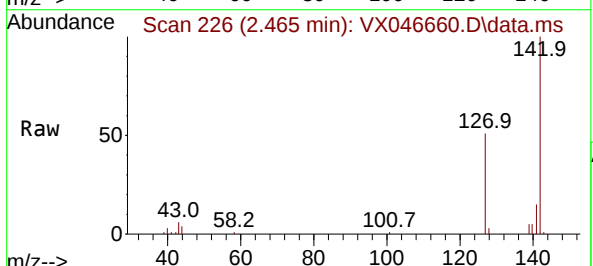
Tgt Ion:101 Resp: 19140
Ion Ratio Lower Upper
101 100
85 44.4 38.6 58.0
151 73.0 55.2 82.8

Manual Integrations
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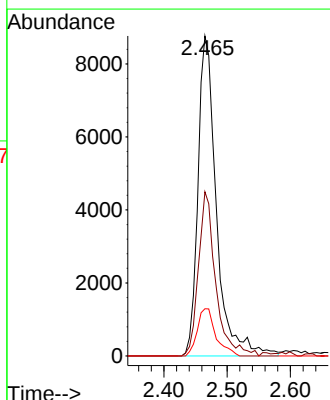
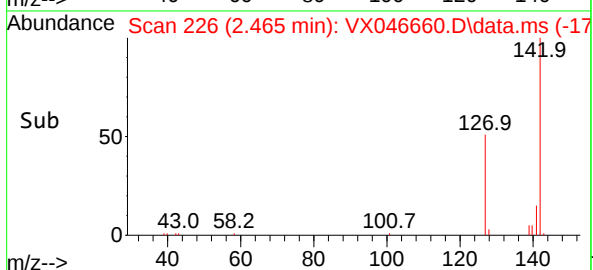
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#10
Methyl Iodide
Concen: 14.630 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38



Tgt Ion:142 Resp: 17822
Ion Ratio Lower Upper
142 100
127 47.9 41.7 62.5
141 14.8 11.5 17.3





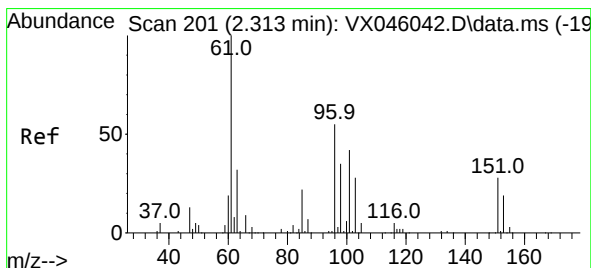
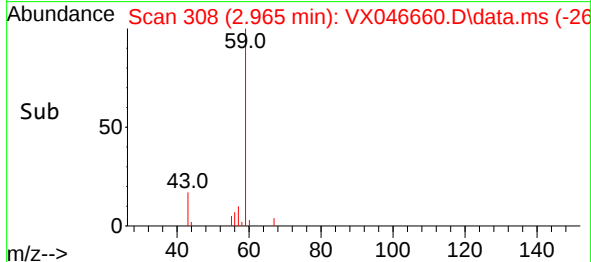
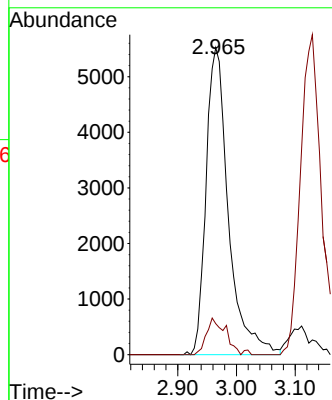
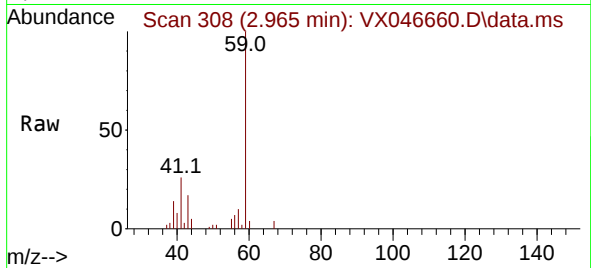
#11
Tert butyl alcohol
Concen: 86.443 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion: 59 Resp: 14604
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

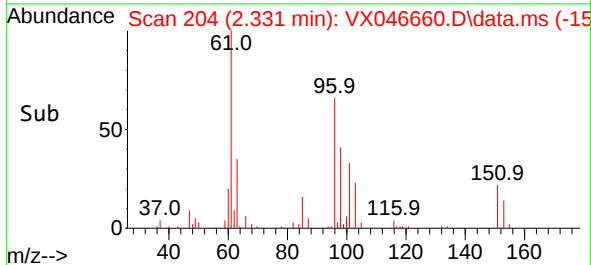
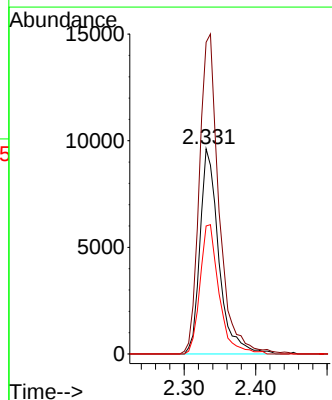
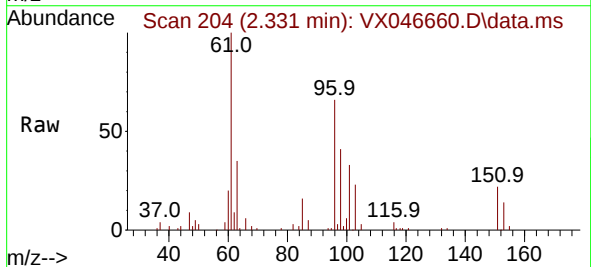
Manual Integrations
APPROVED

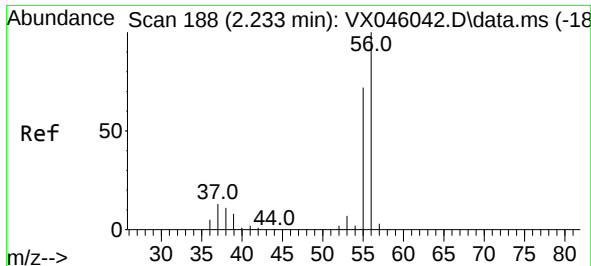
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#12
1,1-Dichloroethene
Concen: 17.289 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

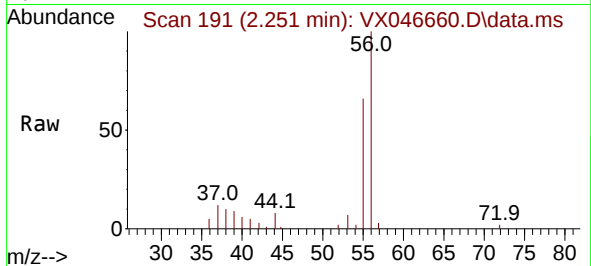
Tgt Ion: 96 Resp: 17566
Ion Ratio Lower Upper
96 100
61 151.9 146.2 219.2
98 62.4 51.0 76.6





#13
Acrolein
Concen: 73.047 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

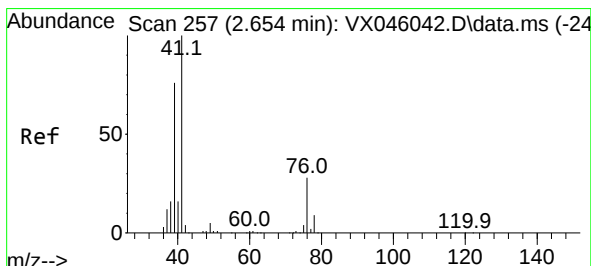
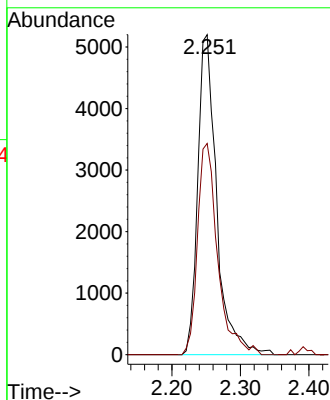
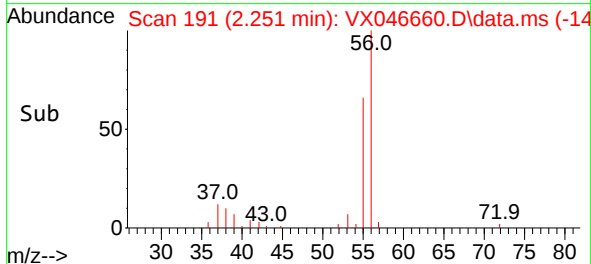
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 56 Resp: 9994
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.4

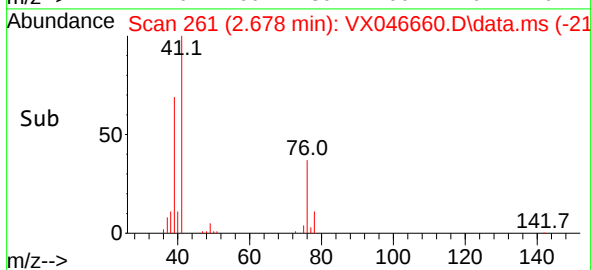
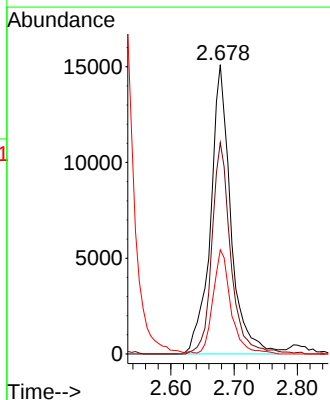
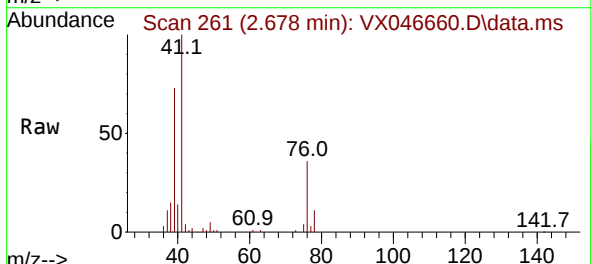
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#14
Allyl chloride
Concen: 16.850 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

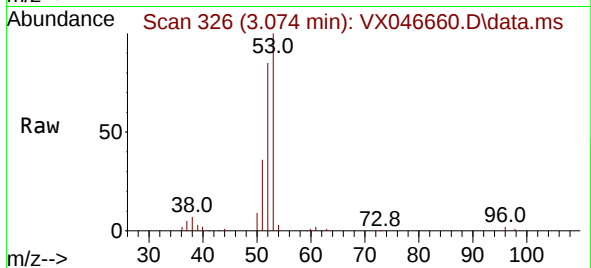
Tgt Ion: 41 Resp: 33622
Ion Ratio Lower Upper
41 100
39 68.2 60.6 90.8
76 31.7 24.9 37.3





#15
Acrylonitrile
Concen: 91.913 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

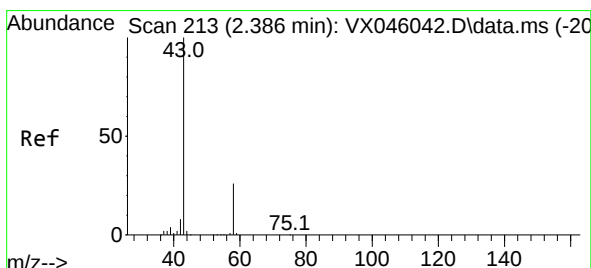
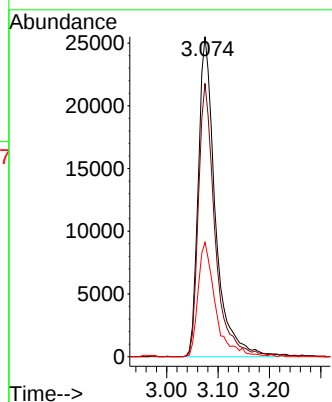
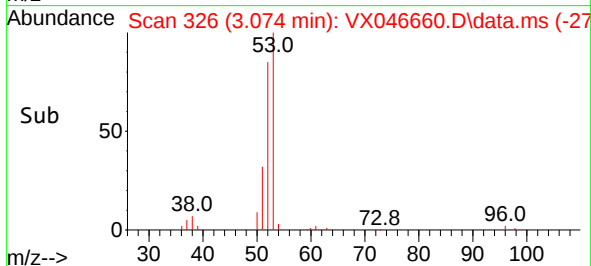
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 53 Resp: 5871
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.7 29.8 44.8

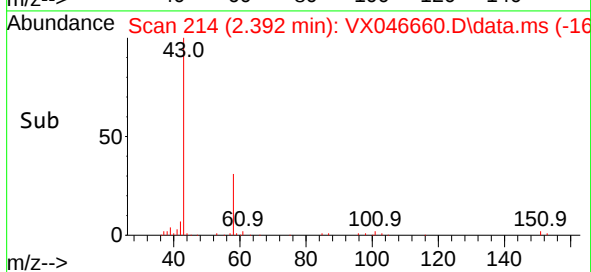
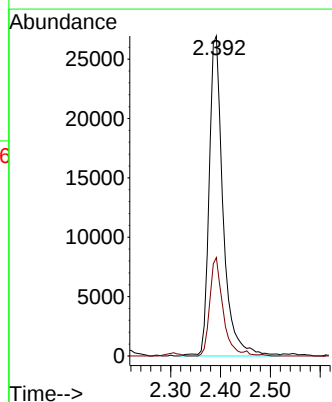
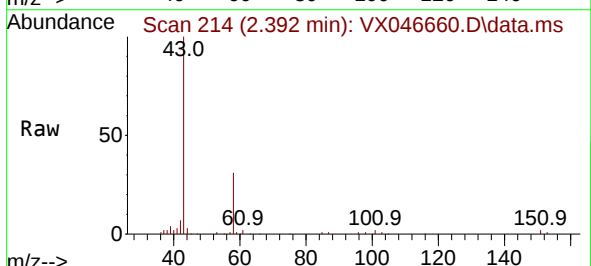
Manual Integrations
APPROVED

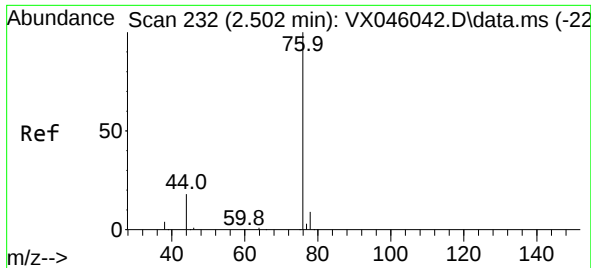
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#16
Acetone
Concen: 90.187 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 43 Resp: 52132
Ion Ratio Lower Upper
43 100
58 30.8 21.2 31.8





#17

Carbon Disulfide

Concen: 15.809 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBS01

Tgt Ion: 76 Resp: 3380

Ion Ratio Lower Upper

76 100

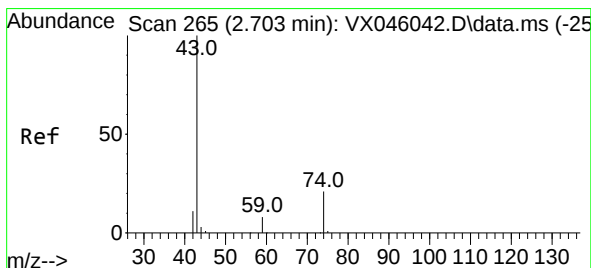
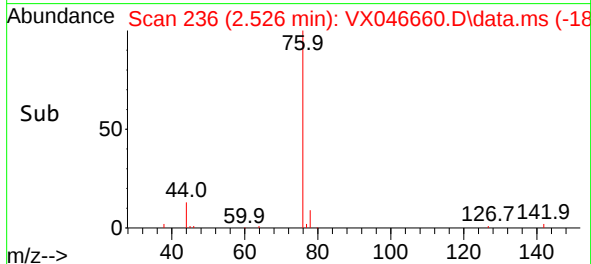
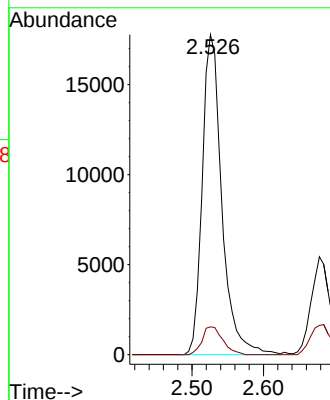
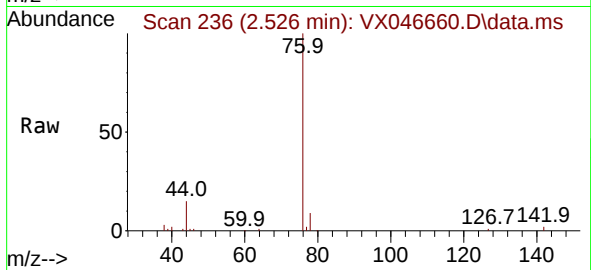
78 8.7 7.0 10.4

Manual Integrations

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Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#18

Methyl Acetate

Concen: 19.427 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.006 min

Lab File: VX046660.D

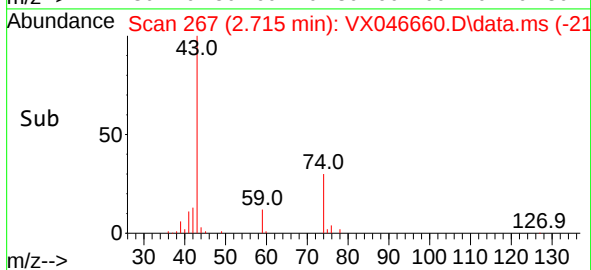
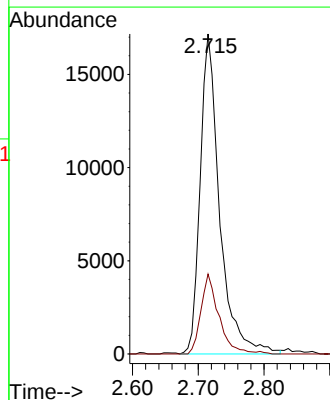
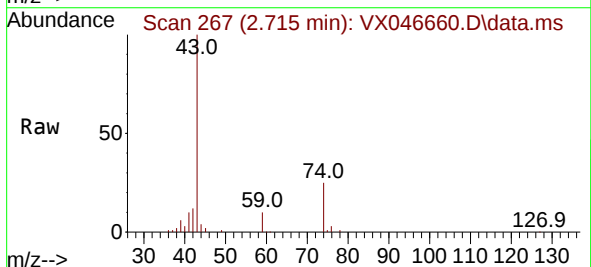
Acq: 12 Jun 2025 13:38

Tgt Ion: 43 Resp: 35232

Ion Ratio Lower Upper

43 100

74 23.1 16.7 25.1





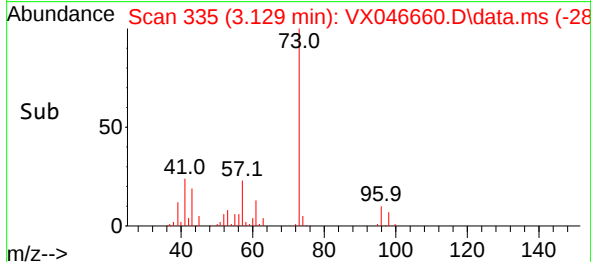
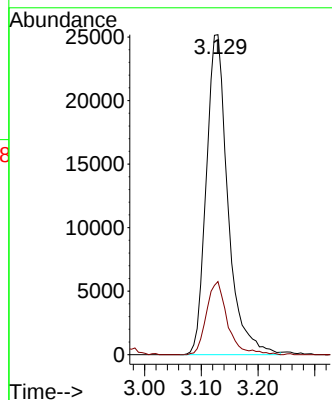
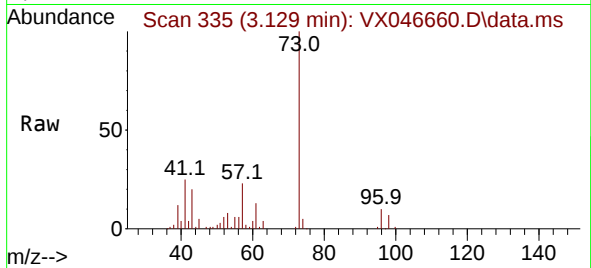
#19
Methyl tert-butyl Ether
Concen: 18.793 ug/l
RT: 3.129 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion: 73 Resp: 6681
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5

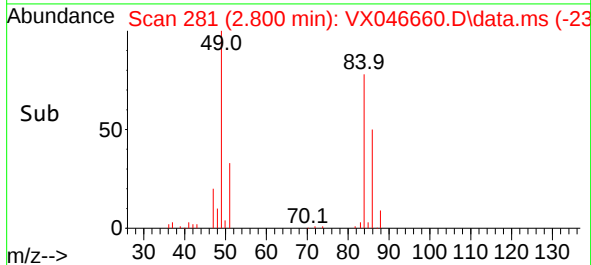
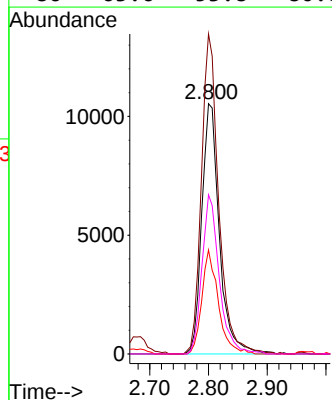
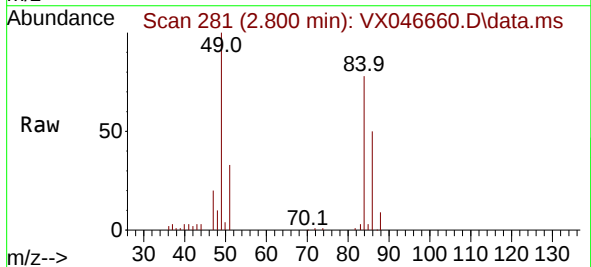
Manual Integrations
APPROVED

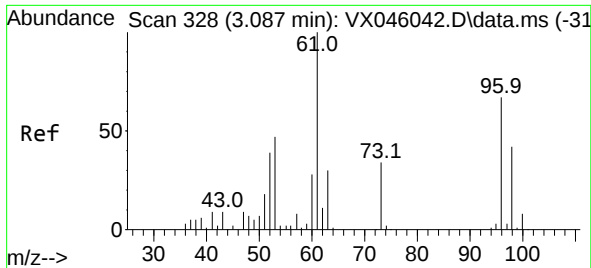
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#20
Methylene Chloride
Concen: 17.951 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

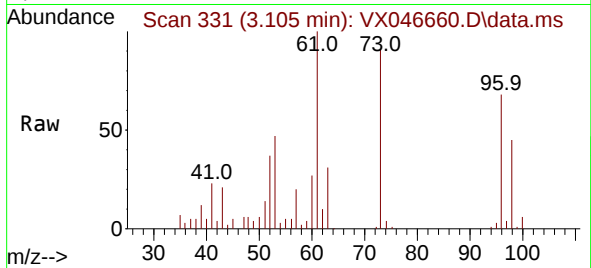
Tgt Ion: 84 Resp: 21926
Ion Ratio Lower Upper
84 100
49 127.9 113.9 170.9
51 41.6 33.5 50.3
86 63.6 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 17.227 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

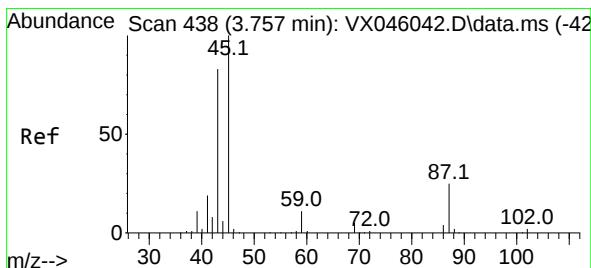
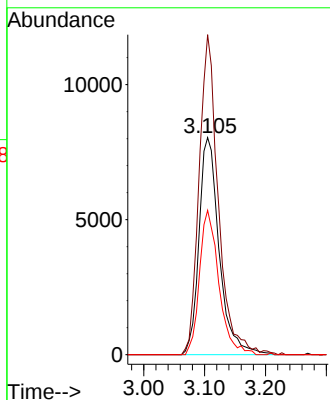
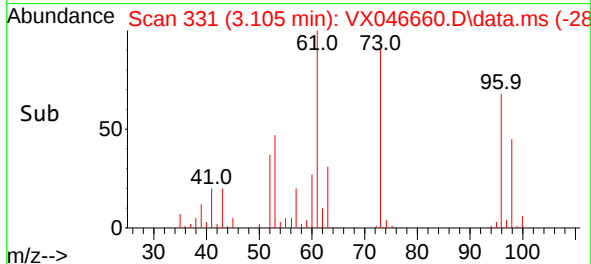
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 96 Resp: 1852
Ion Ratio Lower Upper
96 100
61 147.4 119.5 179.3
98 66.5 50.0 75.0

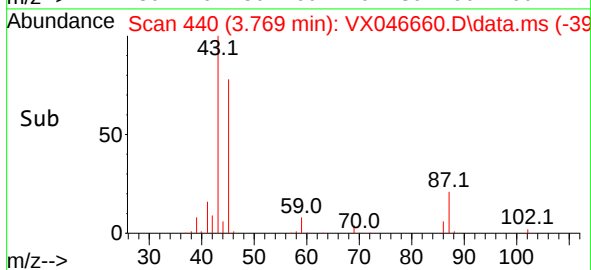
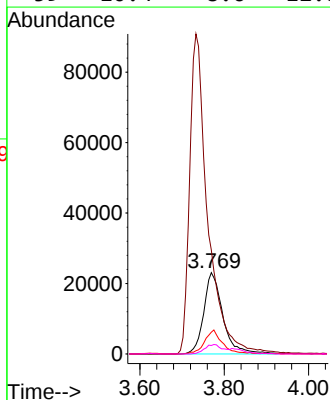
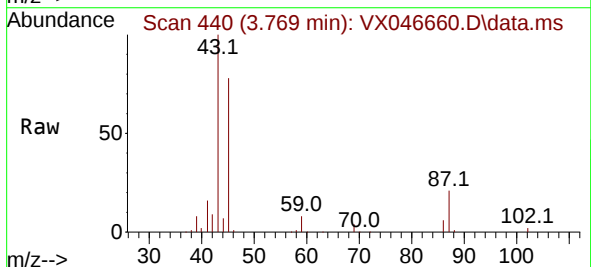
Manual Integrations
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Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#22
Diisopropyl ether
Concen: 18.494 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.013 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

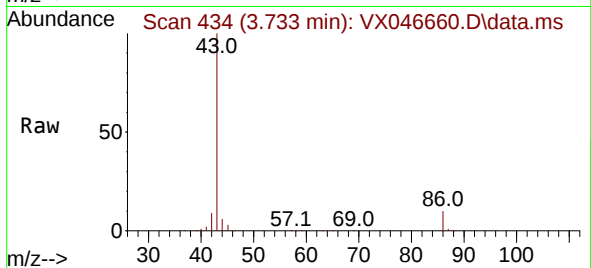
Tgt Ion: 45 Resp: 72754
Ion Ratio Lower Upper
45 100
43 127.2 66.6 100.0#
87 26.8 19.8 29.6
59 10.4 8.6 12.8





#23
 Vinyl Acetate
 Concen: 89.826 ug/l
 RT: 3.733 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046660.D
 Acq: 12 Jun 2025 13:38

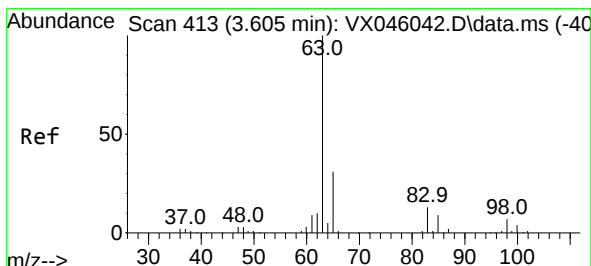
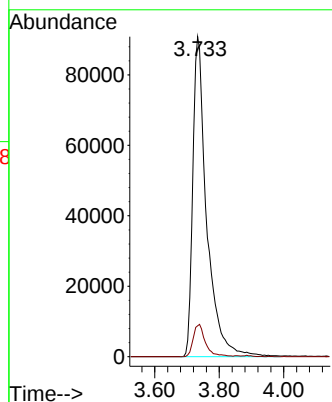
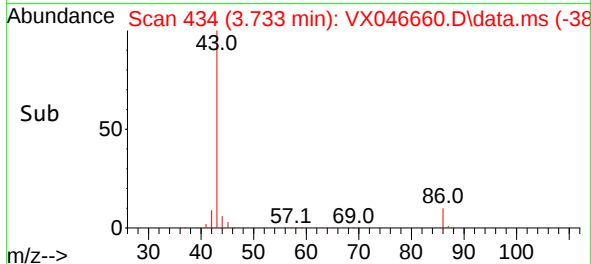
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS01



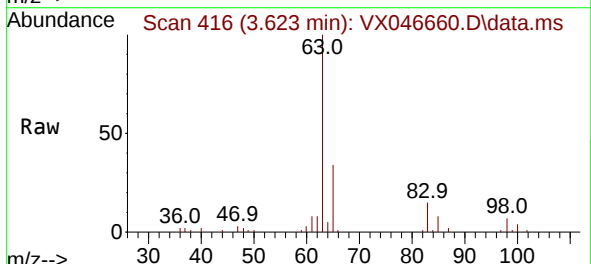
Tgt Ion: 43 Resp: 27282
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3

Manual Integrations
 APPROVED

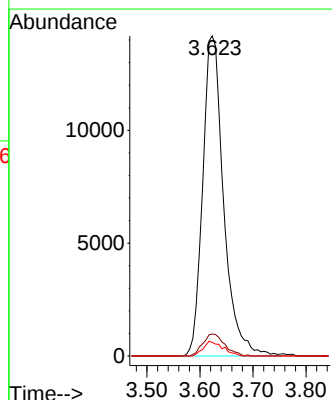
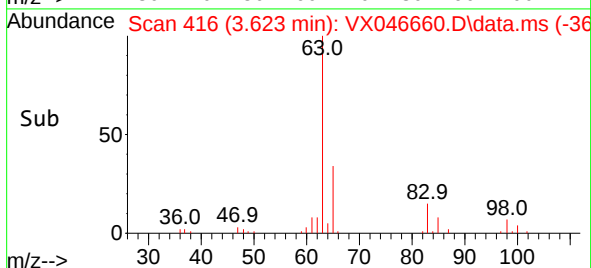
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025

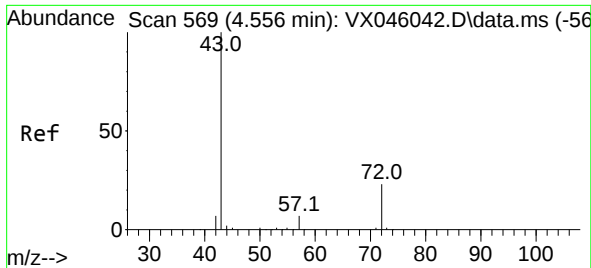


#24
 1,1-Dichloroethane
 Concen: 17.753 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046660.D
 Acq: 12 Jun 2025 13:38



Tgt Ion: 63 Resp: 38925
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.2 2.1 6.3





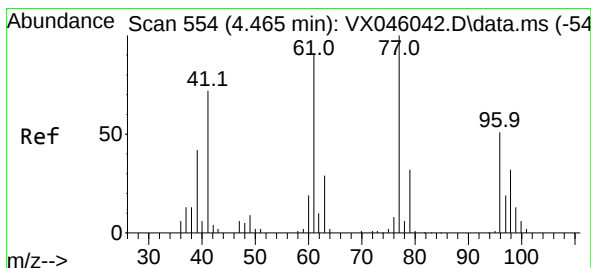
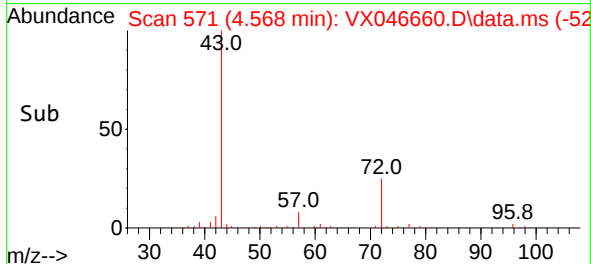
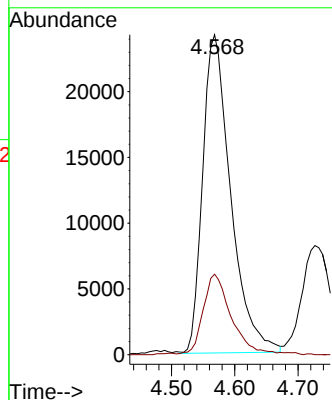
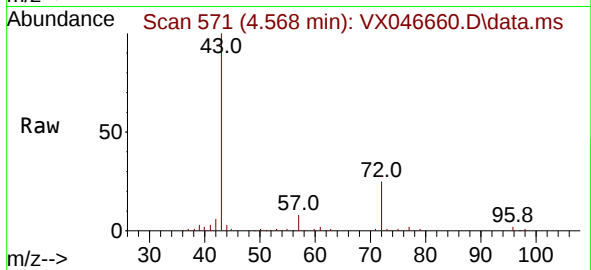
#25
2-Butanone
Concen: 88.008 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion: 43 Resp: 74592
Ion Ratio Lower Upper
43 100
72 25.0 18.4 27.6

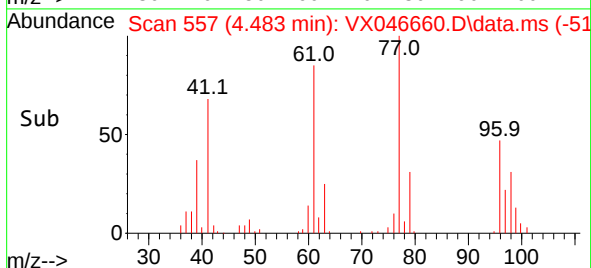
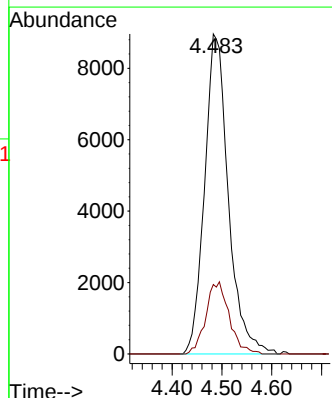
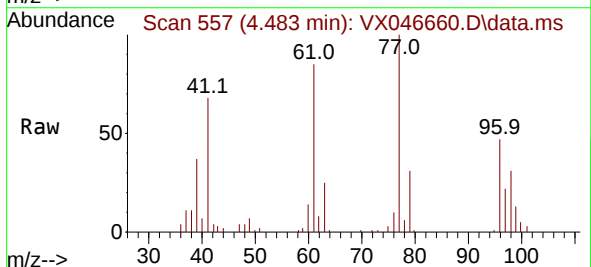
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#26
2,2-Dichloropropane
Concen: 18.213 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

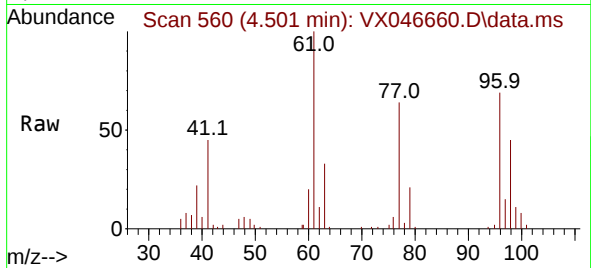
Tgt Ion: 77 Resp: 29645
Ion Ratio Lower Upper
77 100
97 22.2 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.050 ug/l
 RT: 4.501 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX046660.D
 Acq: 12 Jun 2025 13:38

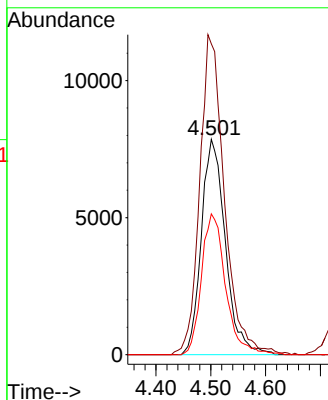
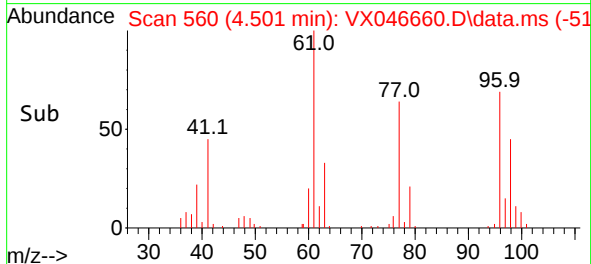
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS01



Tgt Ion: 96 Resp: 2389
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 322.8
 98 65.9 0.0 129.0

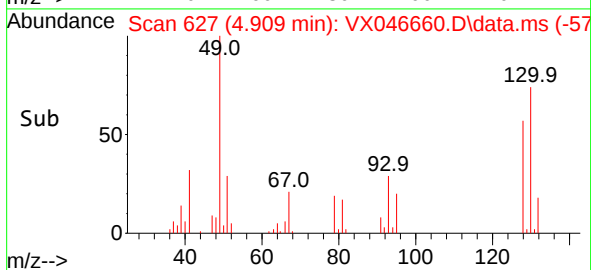
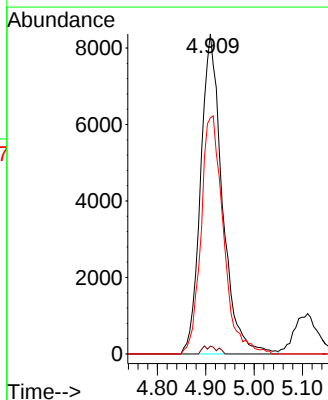
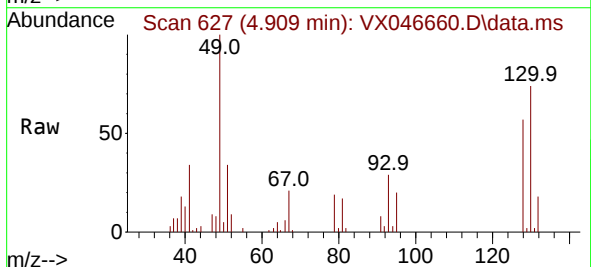
Manual Integrations
 APPROVED

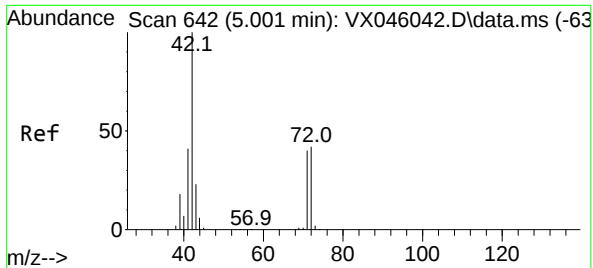
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#28
 Bromochloromethane
 Concen: 24.953 ug/l
 RT: 4.909 min Scan# 627
 Delta R.T. -0.007 min
 Lab File: VX046660.D
 Acq: 12 Jun 2025 13:38

Tgt Ion: 49 Resp: 26095
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.0
 130 76.8 56.2 84.2





#29

Tetrahydrofuran

Concen: 85.463 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBS01

Tgt Ion: 42 Resp: 4574

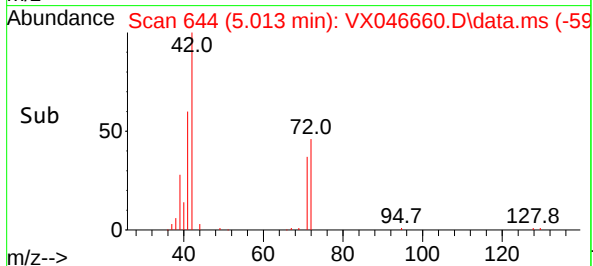
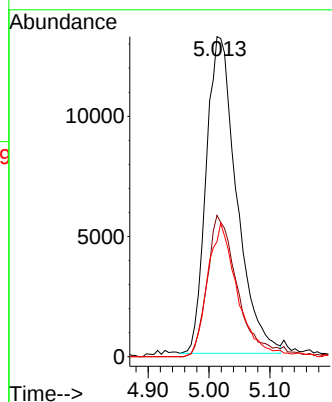
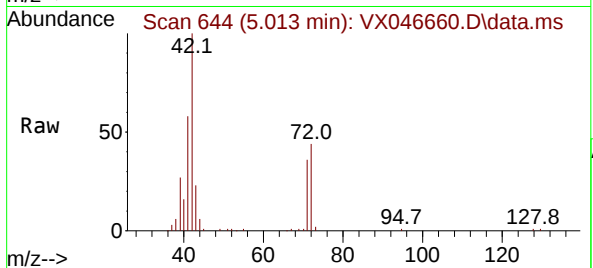
Ion	Ratio	Lower	Upper
42	100		
72	45.3	33.7	50.5
71	41.3	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#30

Chloroform

Concen: 18.271 ug/l

RT: 5.105 min Scan# 659

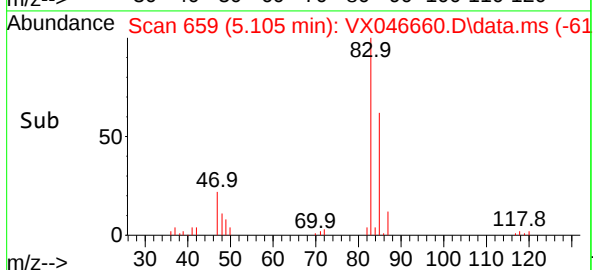
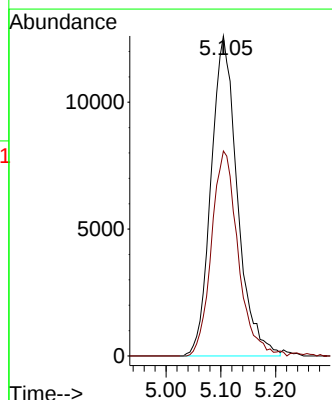
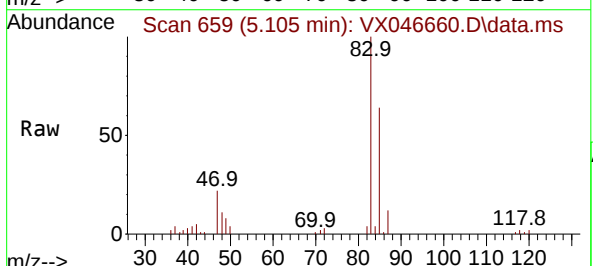
Delta R.T. -0.006 min

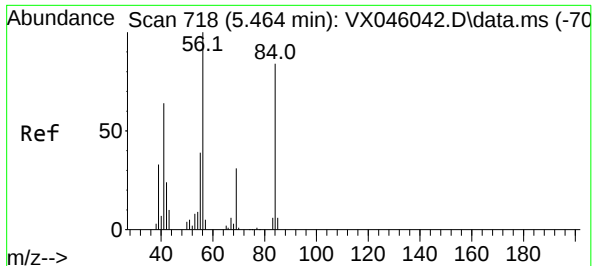
Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Tgt Ion: 83 Resp: 41974

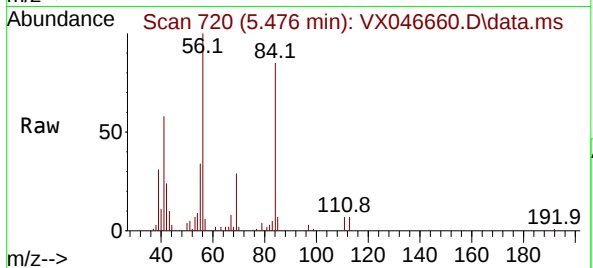
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.3	73.9





#31
Cyclohexane
Concen: 16.807 ug/l
RT: 5.476 min Scan# 718
Delta R.T. -0.013 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

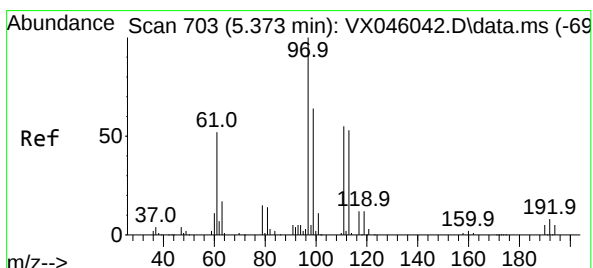
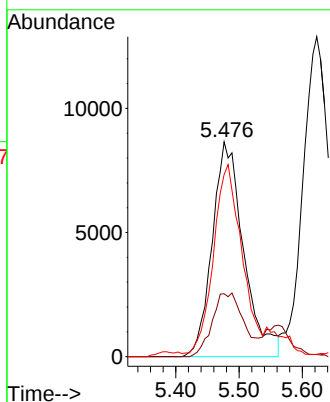
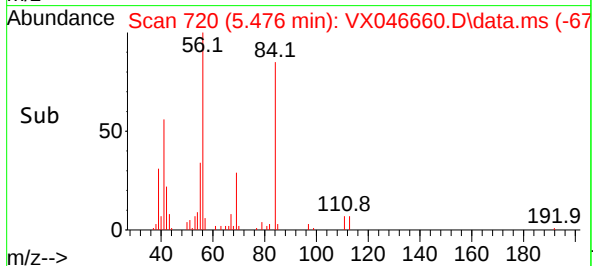
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 56 Resp: 29749
Ion Ratio Lower Upper
56 100
69 29.2 24.4 36.6
84 82.6 66.9 100.3

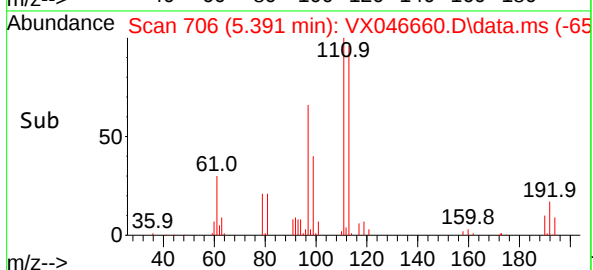
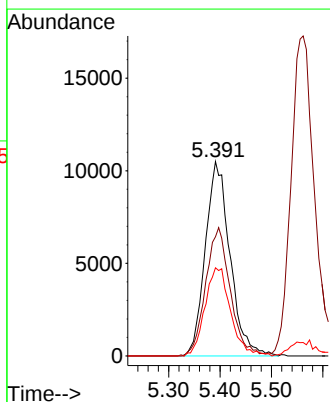
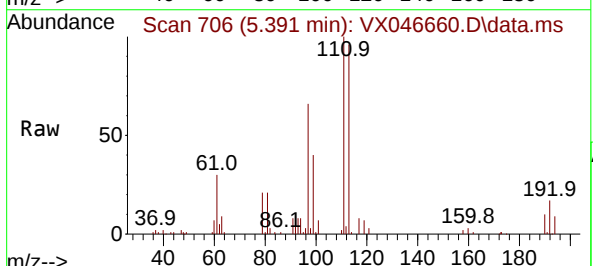
Manual Integrations
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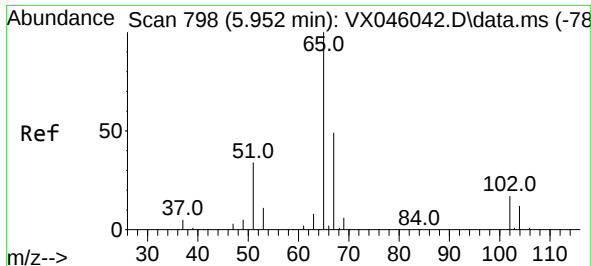
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#32
1,1,1-Trichloroethane
Concen: 17.821 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 97 Resp: 35020
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.6
61 47.0 40.1 60.1





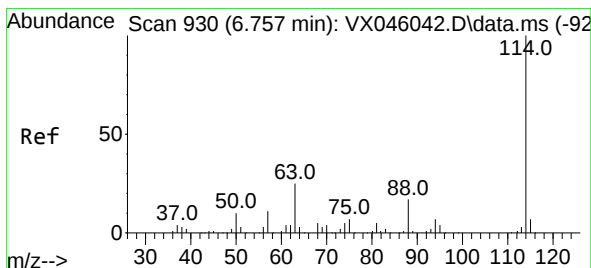
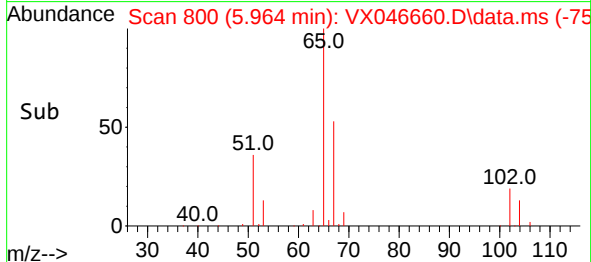
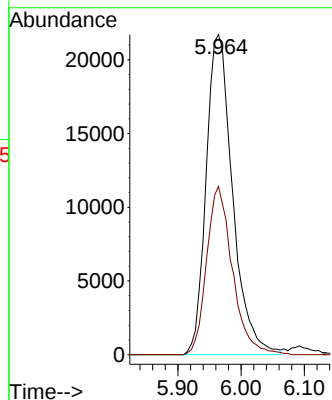
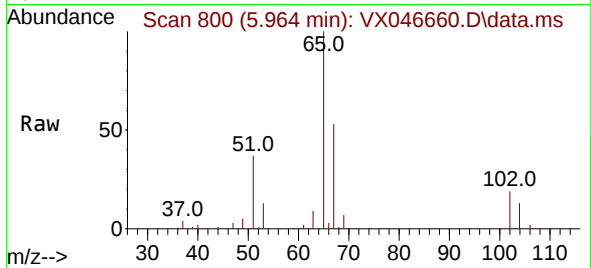
#33
1,2-Dichloroethane-d4
Concen: 41.517 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion: 65 Resp: 63210
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.0

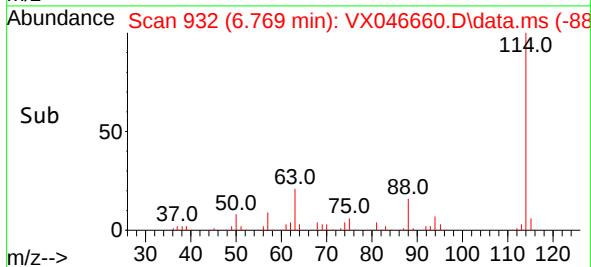
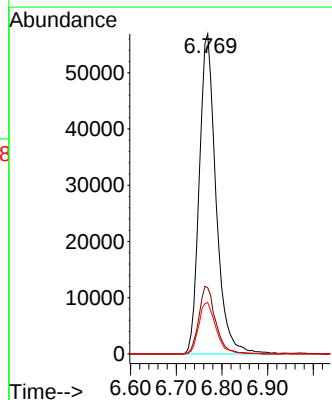
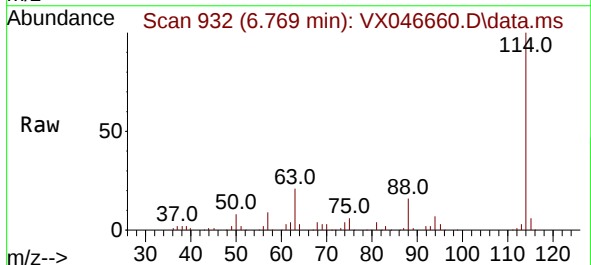
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion:114 Resp: 144622
Ion Ratio Lower Upper
114 100
63 20.7 0.0 49.2
88 16.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 47.973 ug/l

RT: 5.397 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBS01

Tgt Ion: 113 Resp: 5102

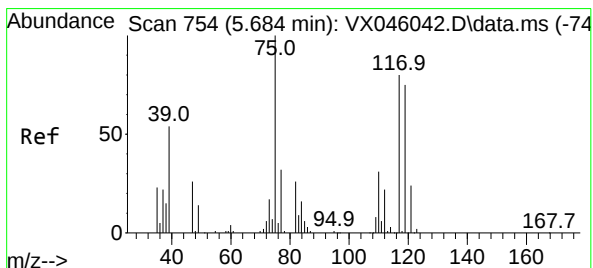
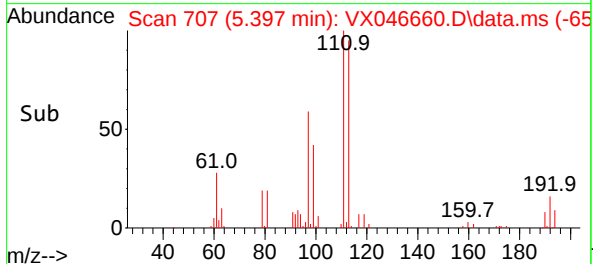
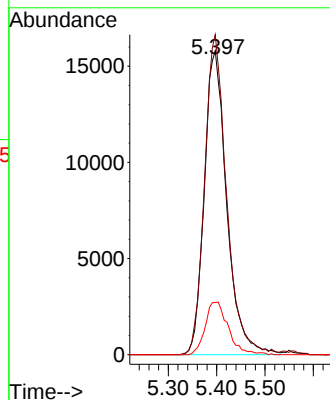
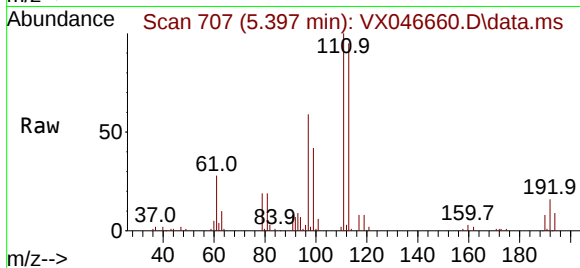
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.1	124.7
192	17.8	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#36

1,1-Dichloropropene

Concen: 16.997 ug/l

RT: 5.702 min Scan# 757

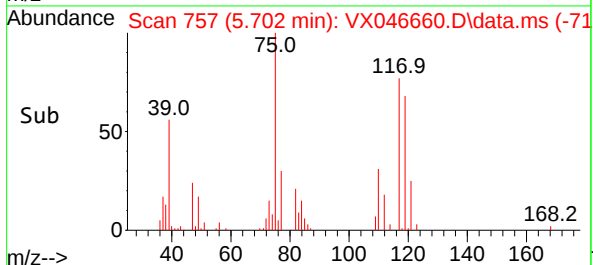
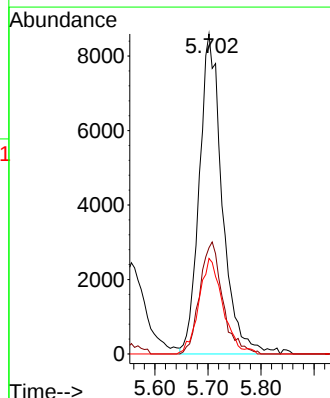
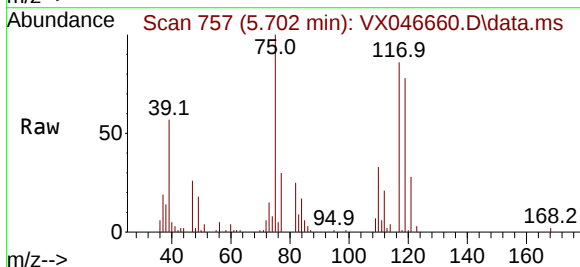
Delta R.T. -0.012 min

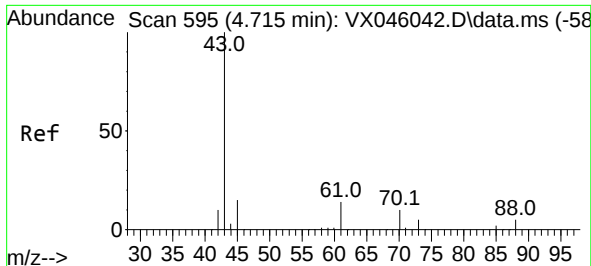
Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Tgt Ion: 75 Resp: 25822

Ion	Ratio	Lower	Upper
75	100		
110	35.0	16.3	48.9
77	31.2	24.3	36.5





#37

Ethyl Acetate

Concen: 19.954 ug/l

RT: 4.727 min Scan# 597

Delta R.T. -0.006 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBS01

Tgt Ion: 43 Resp: 29586

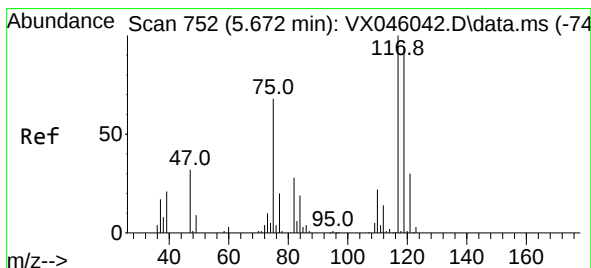
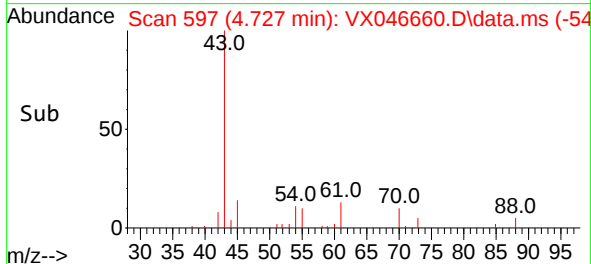
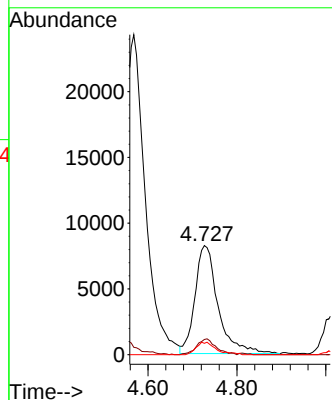
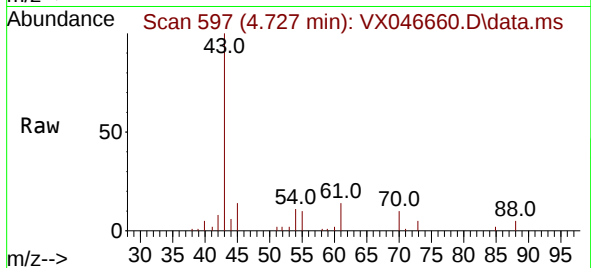
Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.3	15.5
70	10.0	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#38

Carbon Tetrachloride

Concen: 17.420 ug/l

RT: 5.690 min Scan# 755

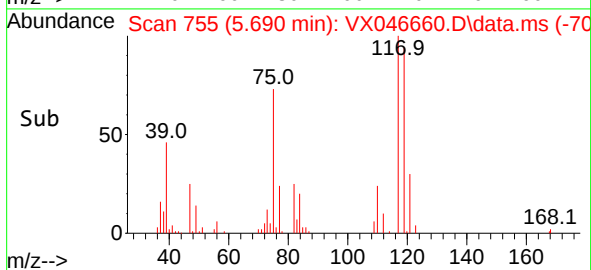
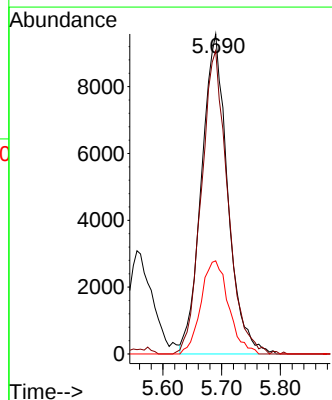
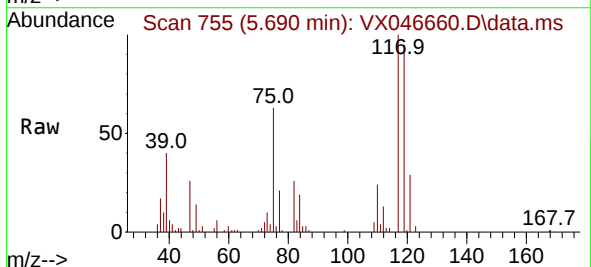
Delta R.T. -0.006 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Tgt Ion:117 Resp: 29642

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.2	112.8
121	29.1	24.2	36.4





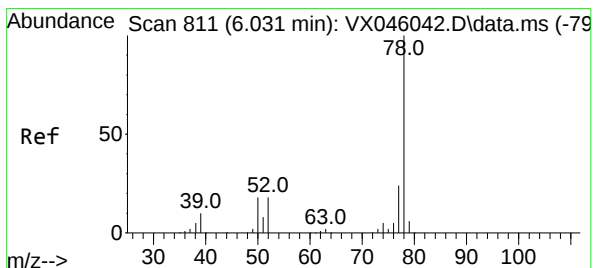
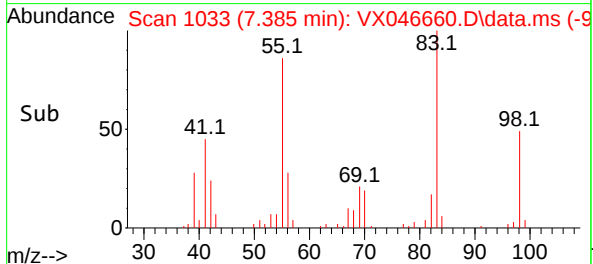
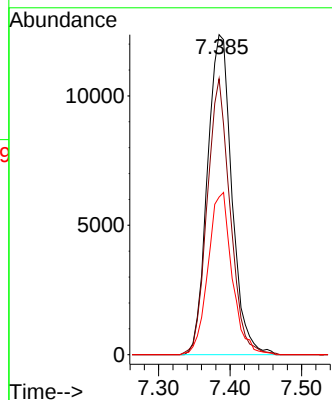
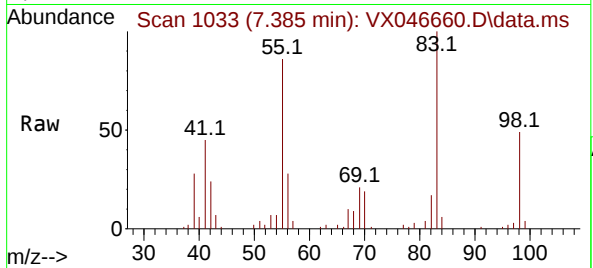
#39
Methylcyclohexane
Concen: 16.376 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion: 83 Resp: 2936
Ion Ratio Lower Upper
83 100
55 86.3 64.7 97.1
98 49.3 37.4 56.2

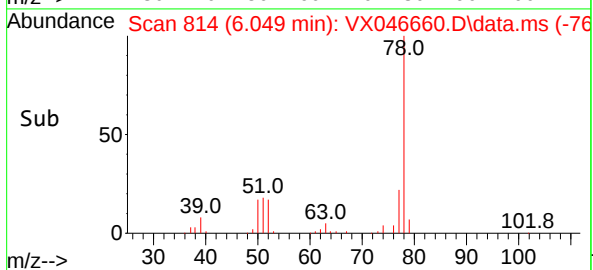
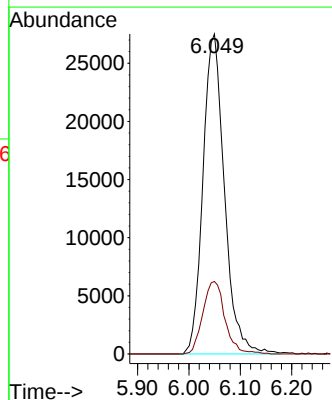
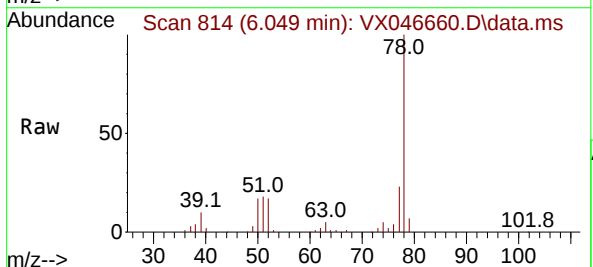
Manual Integrations
APPROVED

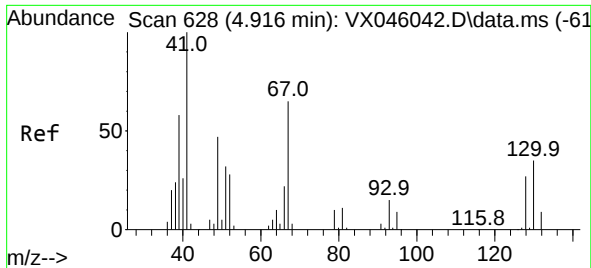
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#40
Benzene
Concen: 18.661 ug/l
RT: 6.049 min Scan# 814
Delta R.T. -0.007 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

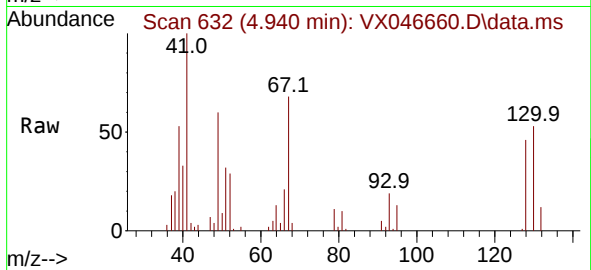
Tgt Ion: 78 Resp: 79810
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4





#41
Methacrylonitrile
Concen: 17.507 ug/l
RT: 4.940 min Scan# 612
Delta R.T. 0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

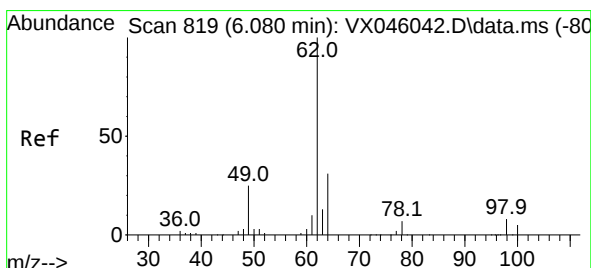
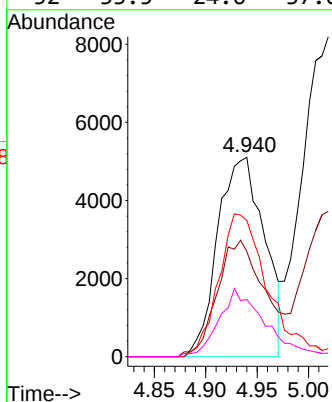
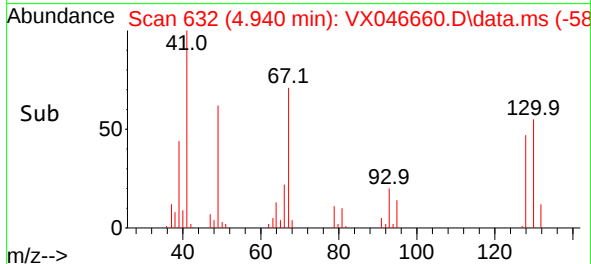
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 41	Resp: 16120
Ion Ratio	Lower Upper
41	100
39	59.4 47.2 70.8
67	76.7 50.7 76.1
52	33.5 24.6 37.0

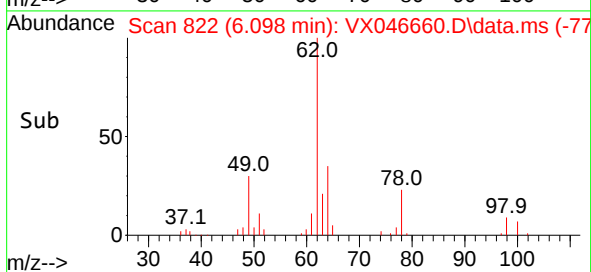
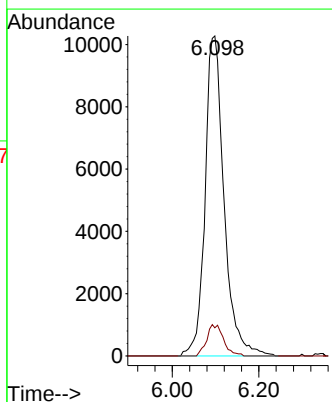
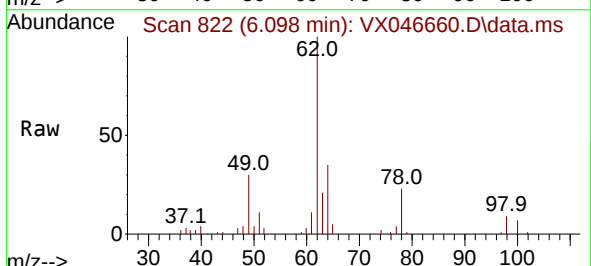
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#42
1,2-Dichloroethane
Concen: 17.565 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

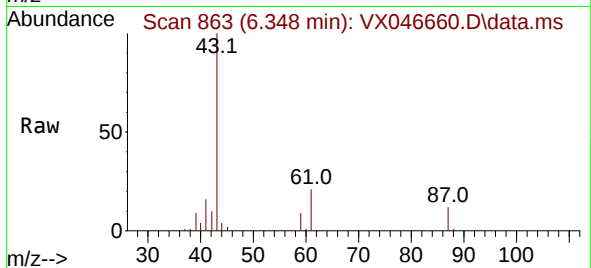
Tgt Ion: 62	Resp: 31253
Ion Ratio	Lower Upper
62	100
98	8.7 0.0 15.2





#43
Isopropyl Acetate
Concen: 18.125 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

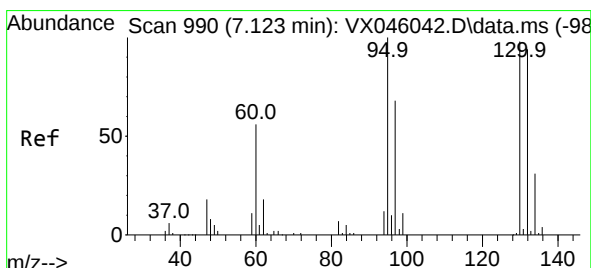
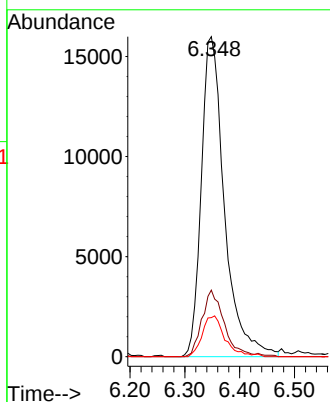
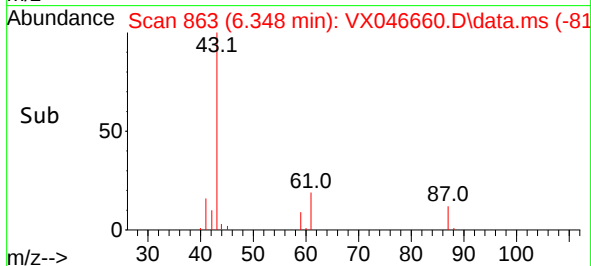
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 43 Resp: 46852
Ion Ratio Lower Upper
43 100
61 20.2 14.3 21.5
87 12.5 9.5 14.3

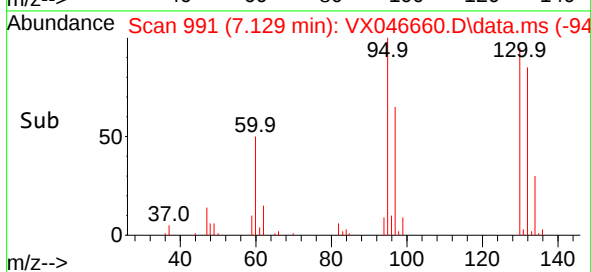
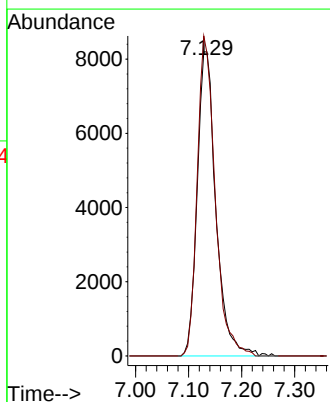
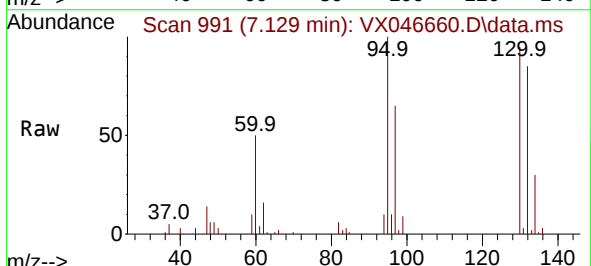
Manual Integrations
APPROVED

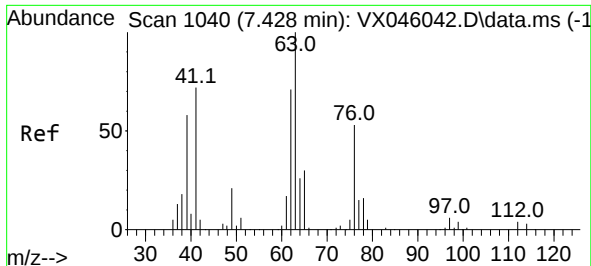
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#44
Trichloroethene
Concen: 18.526 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

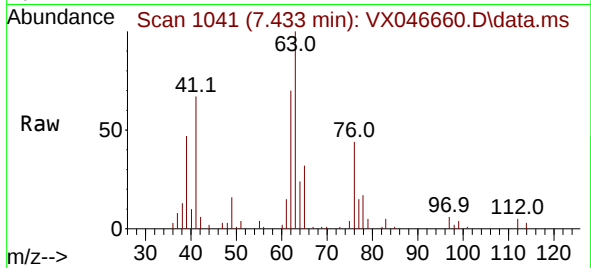
Tgt Ion:130 Resp: 20132
Ion Ratio Lower Upper
130 100
95 105.2 0.0 204.2





#45
1,2-Dichloropropane
Concen: 19.396 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.007 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

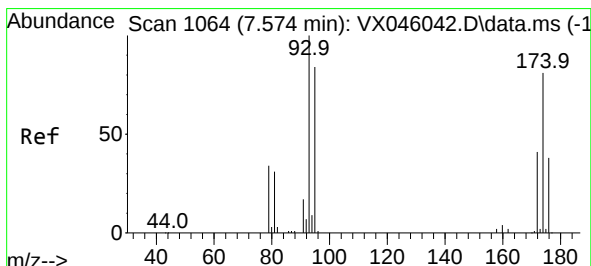
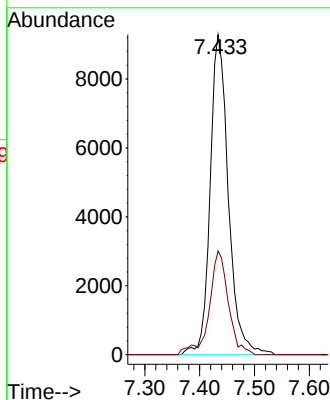
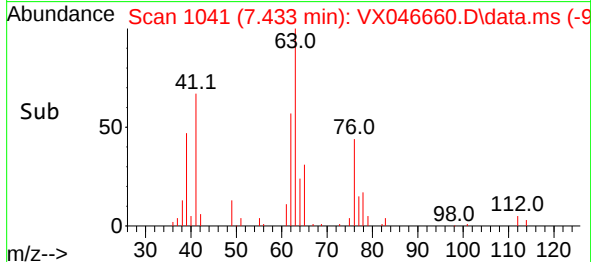
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 63 Resp: 2141
Ion Ratio Lower Upper
63 100
65 32.4 24.1 36.1

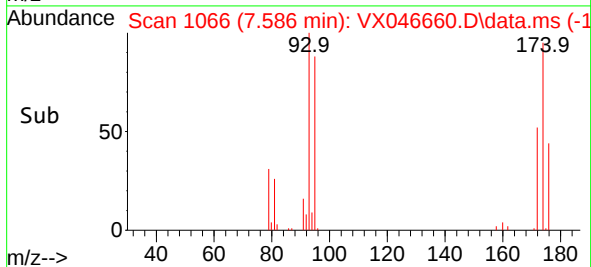
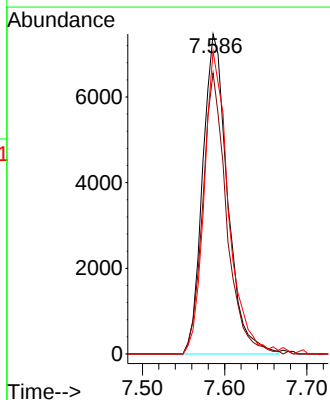
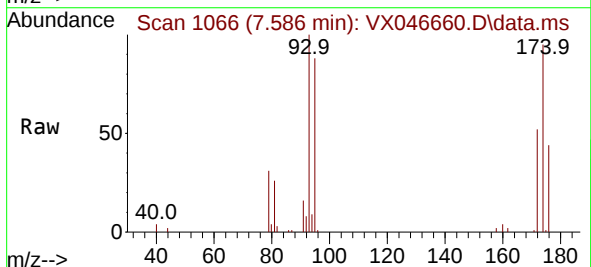
Manual Integrations
APPROVED

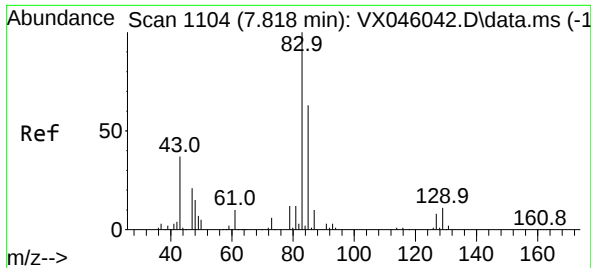
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#46
Dibromomethane
Concen: 18.933 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 93 Resp: 15723
Ion Ratio Lower Upper
93 100
95 84.1 65.6 98.4
174 93.3 68.2 102.2





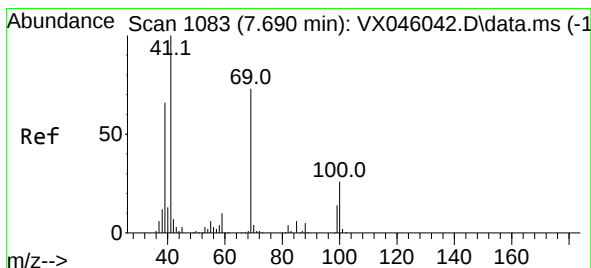
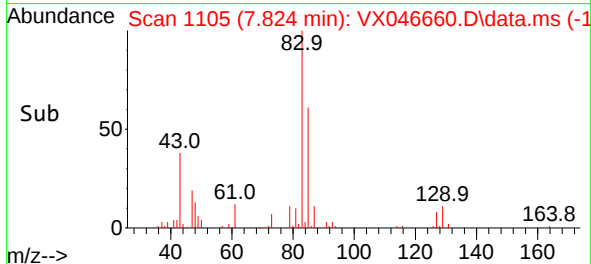
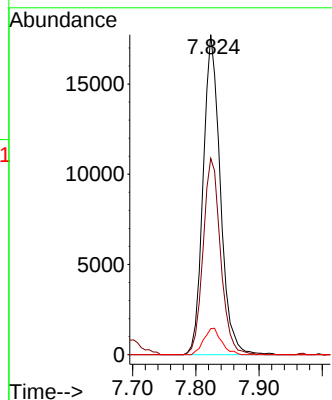
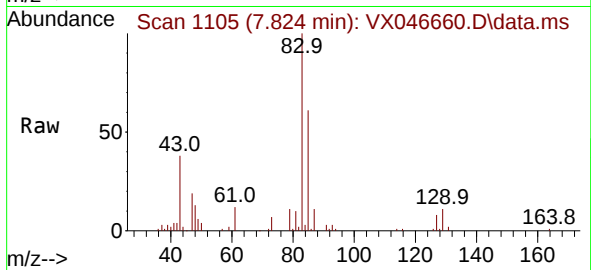
#47
Bromodichloromethane
Concen: 19.622 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion: 83 Resp: 33500
Ion Ratio Lower Upper
83 100
85 61.3 50.5 75.7
127 8.2 6.5 9.7

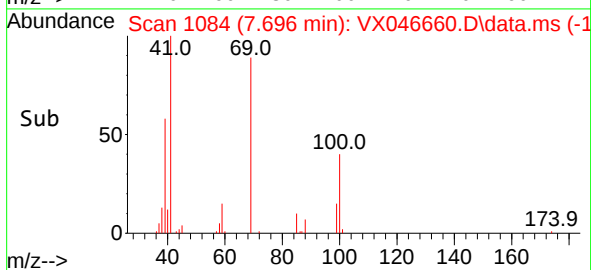
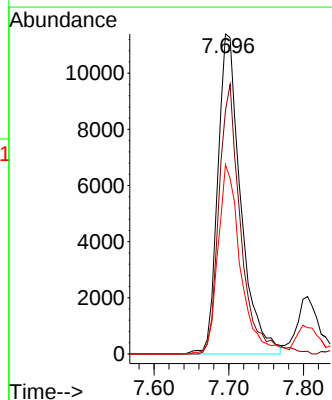
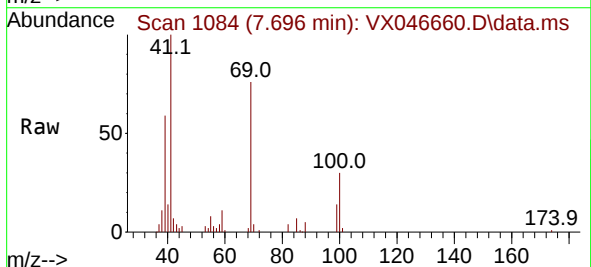
Manual Integrations
APPROVED

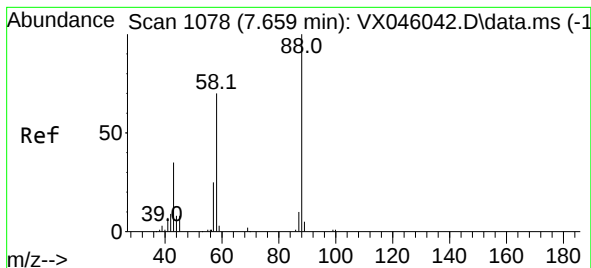
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#48
Methyl methacrylate
Concen: 18.316 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

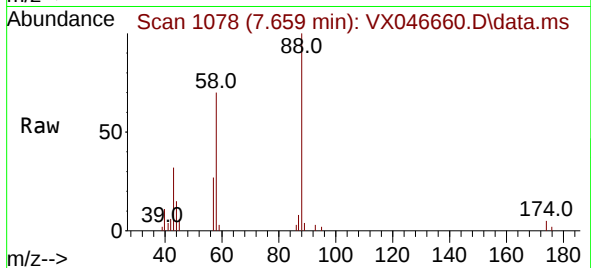
Tgt Ion: 41 Resp: 24360
Ion Ratio Lower Upper
41 100
69 79.8 58.5 87.7
39 58.4 51.7 77.5





#49
1,4-Dioxane
Concen: 382.003 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

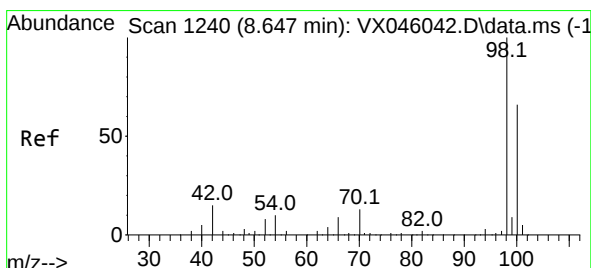
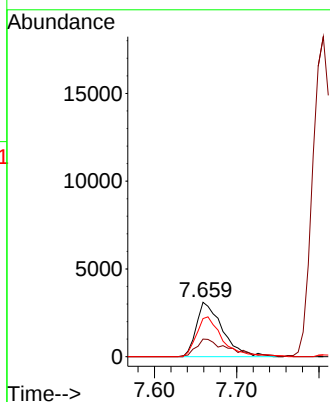
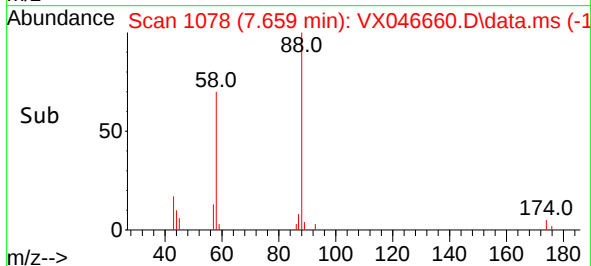
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 88 Resp: 6794
Ion Ratio Lower Upper
88 100
43 40.2 33.4 50.2
58 73.0 58.6 88.0

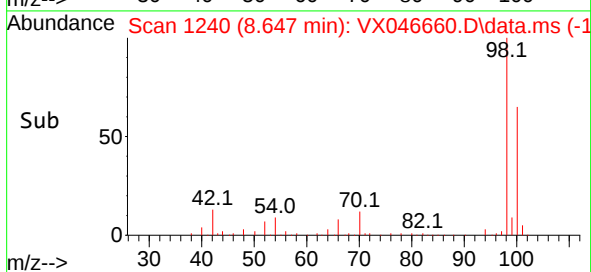
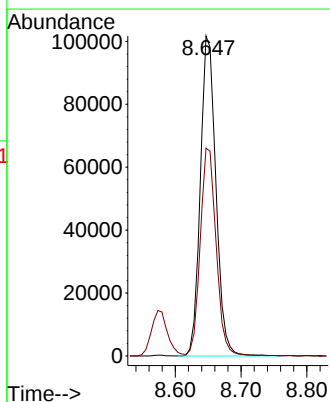
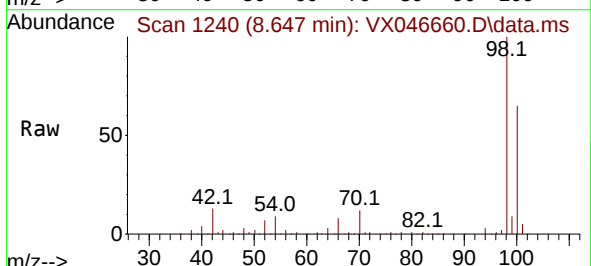
Manual Integrations
APPROVED

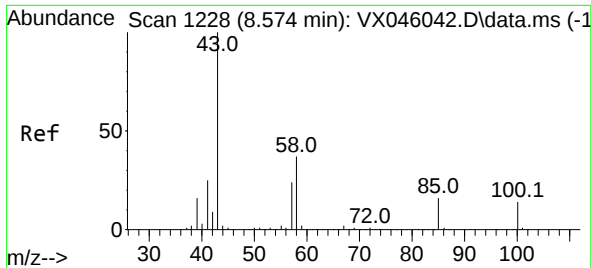
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#50
Toluene-d8
Concen: 47.755 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 98 Resp: 167446
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3





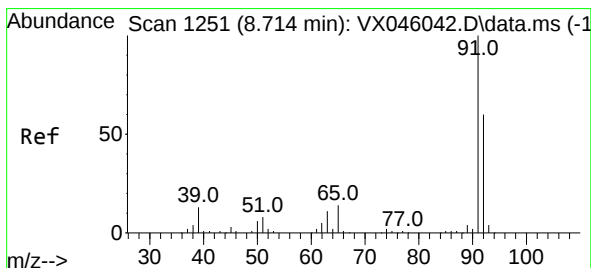
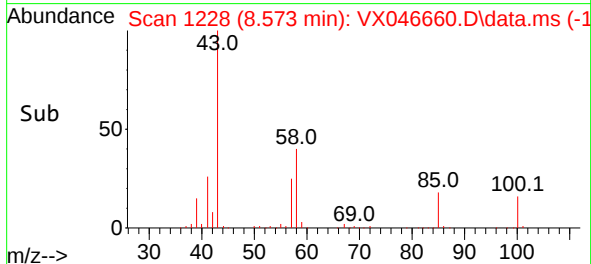
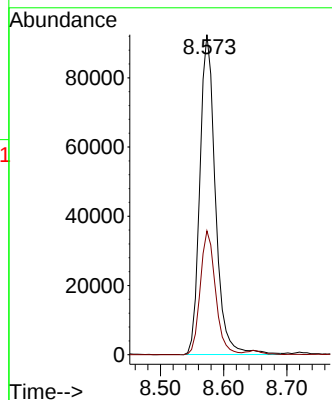
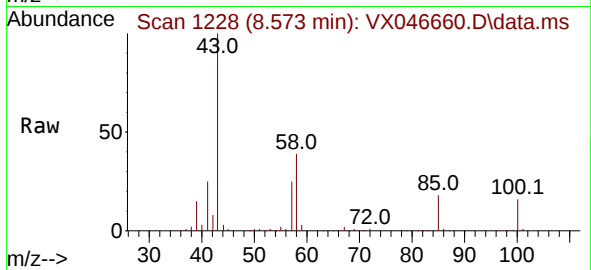
#51
4-Methyl-2-Pentanone
Concen: 96.503 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion: 43 Resp: 158510
Ion Ratio Lower Upper
43 100
58 38.0 28.9 43.3

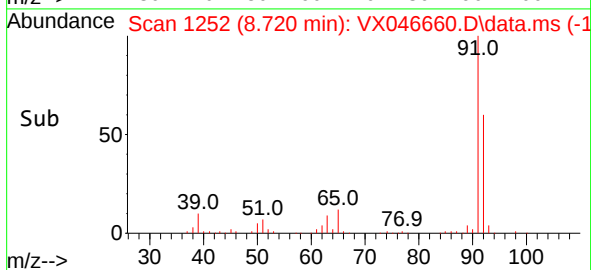
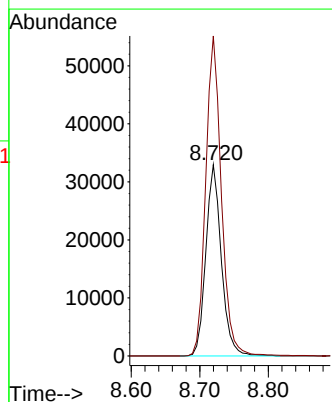
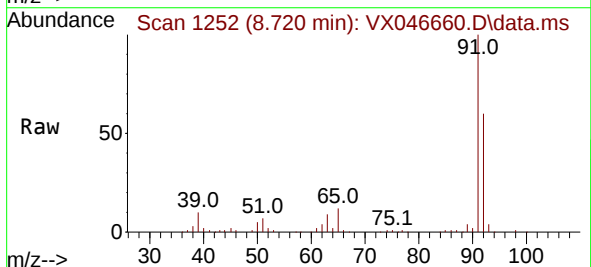
Manual Integrations
APPROVED

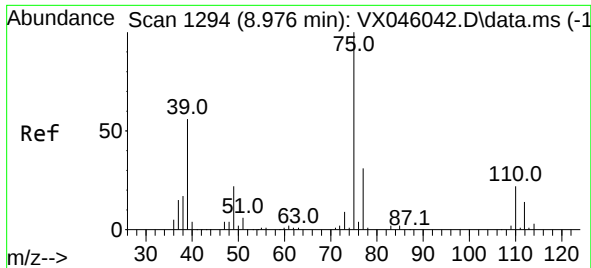
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#52
Toluene
Concen: 19.796 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 92 Resp: 52013
Ion Ratio Lower Upper
92 100
91 168.5 136.6 205.0





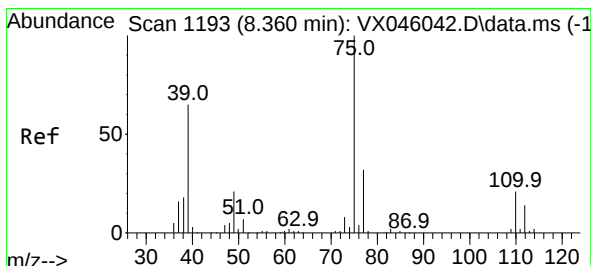
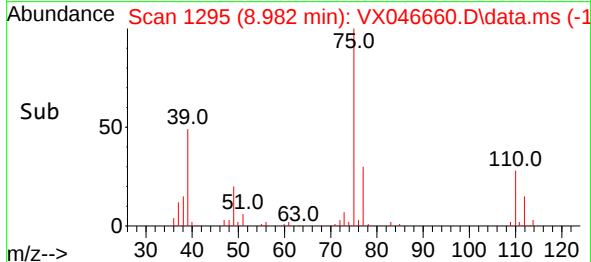
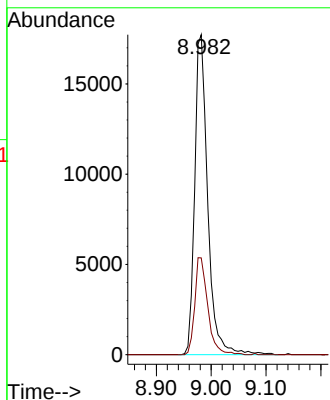
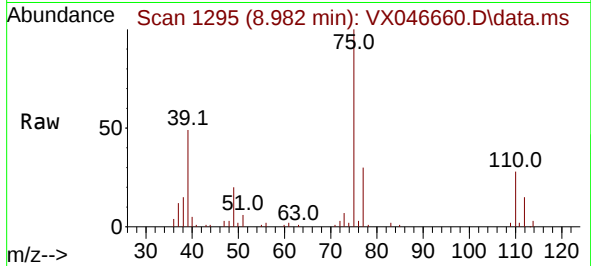
#53
 t-1,3-Dichloropropene
 Concen: 19.193 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. -0.000 min
 Lab File: VX046660.D
 Acq: 12 Jun 2025 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS01

Tgt Ion: 75 Resp: 2938
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.6

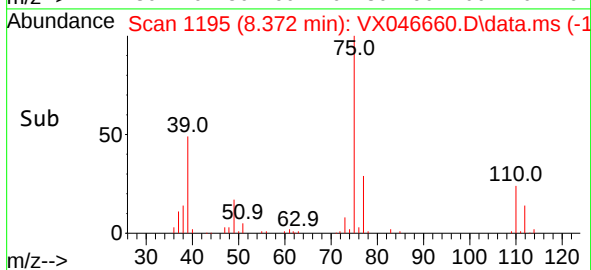
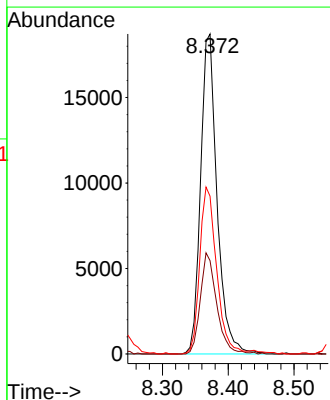
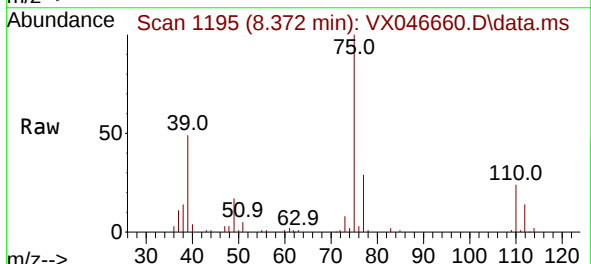
Manual Integrations
 APPROVED

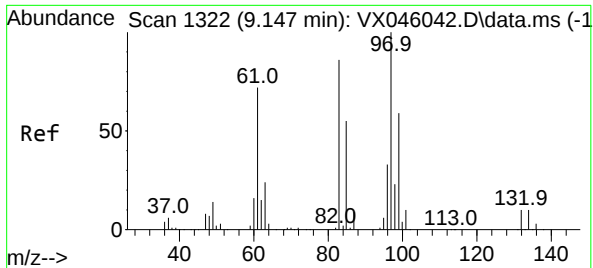
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.161 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX046660.D
 Acq: 12 Jun 2025 13:38

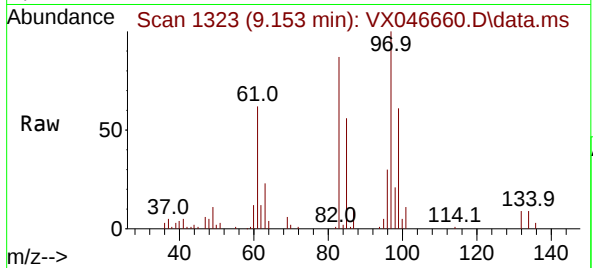
Tgt Ion: 75 Resp: 32617
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.4 38.0
 39 49.3 52.2 78.4#





#55
1,1,2-Trichloroethane
Concen: 20.618 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

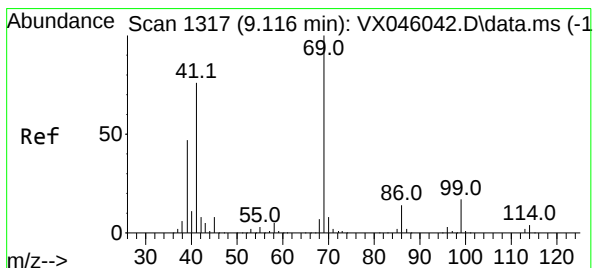
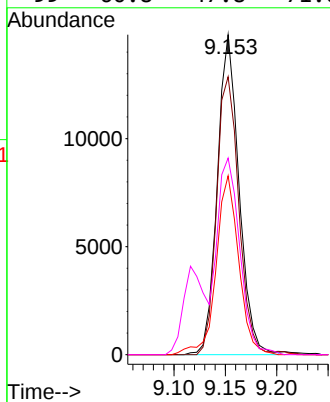
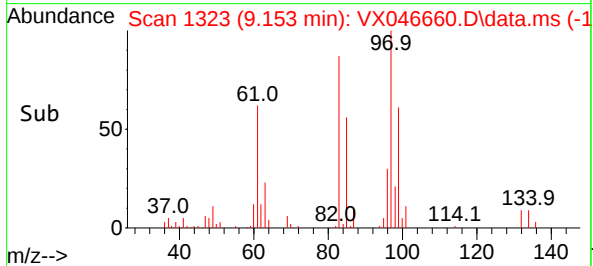
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



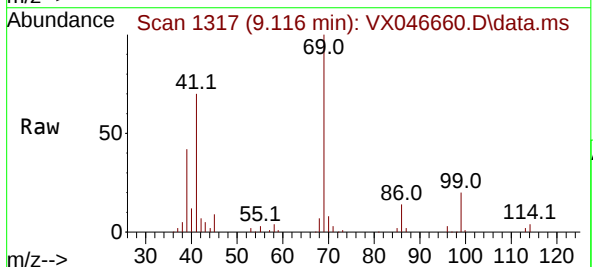
Tgt Ion: 97 Resp: 21748
Ion Ratio Lower Upper
97 100
83 86.9 69.0 103.6
85 55.9 44.3 66.5
99 60.8 47.8 71.6

Manual Integrations
APPROVED

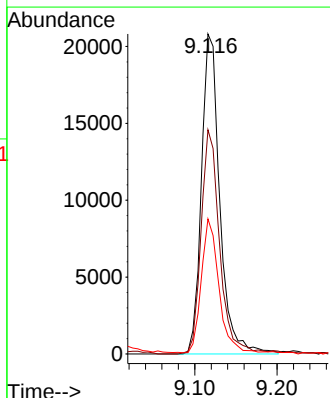
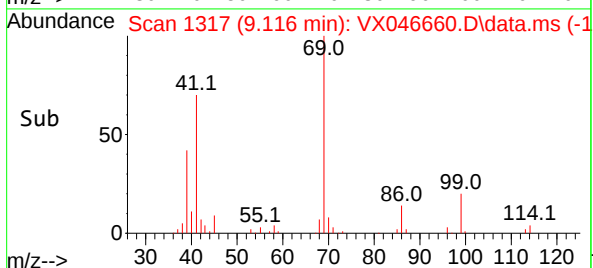
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

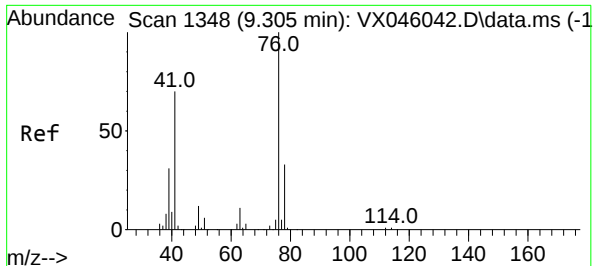


#56
Ethyl methacrylate
Concen: 19.903 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38



Tgt Ion: 69 Resp: 32307
Ion Ratio Lower Upper
69 100
41 70.7 60.8 91.2
39 42.0 39.0 58.6





#57

1,3-Dichloropropane

Concen: 19.225 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBS01

Tgt Ion: 76 Resp: 3583

Ion Ratio Lower Upper

76 100

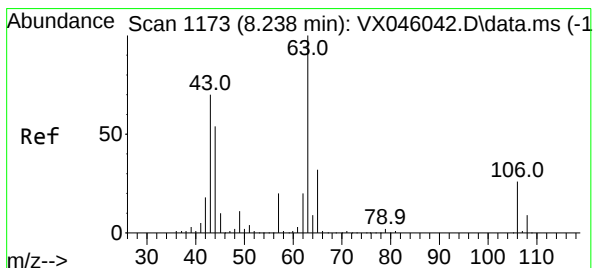
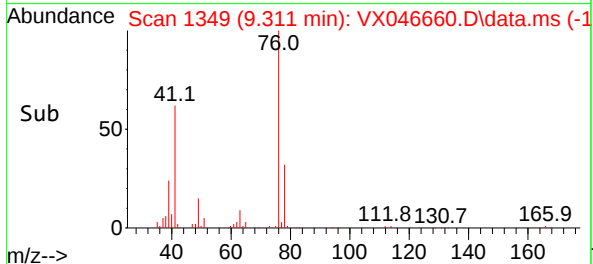
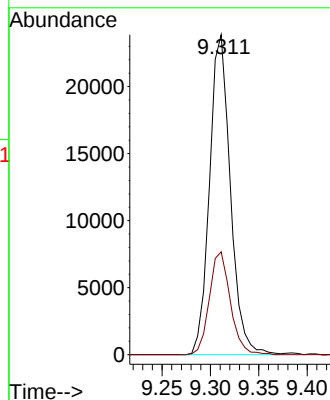
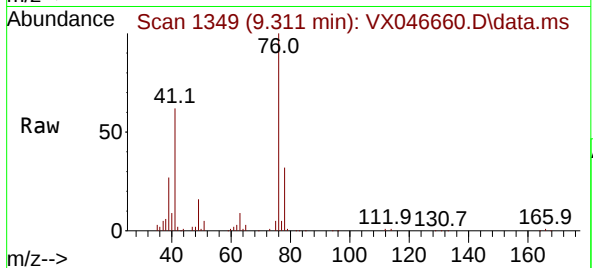
78 32.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#58

2-Chloroethyl Vinyl ether

Concen: 99.160 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046660.D

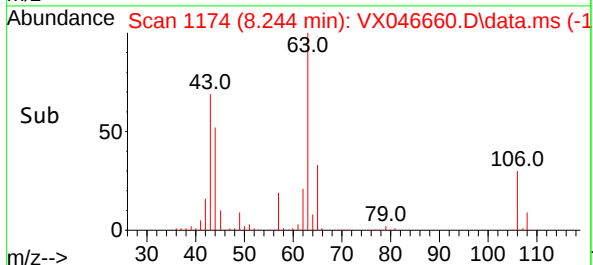
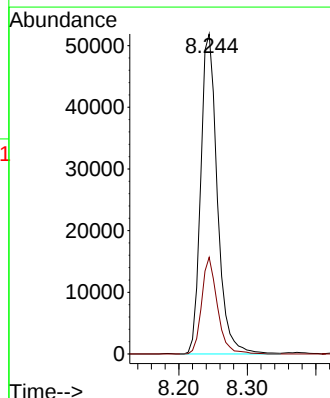
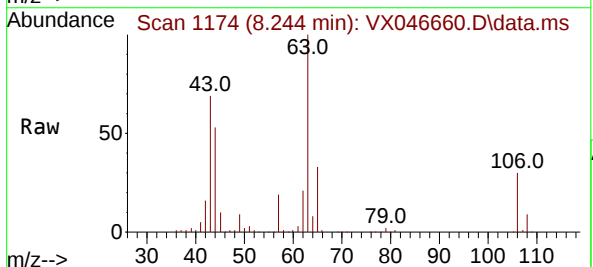
Acq: 12 Jun 2025 13:38

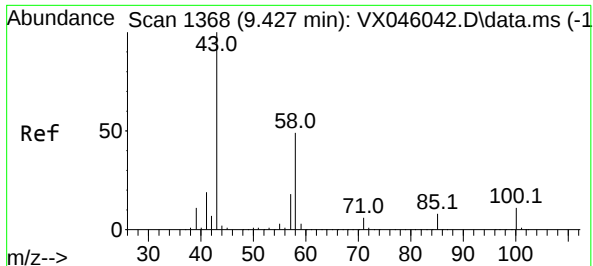
Tgt Ion: 63 Resp: 87671

Ion Ratio Lower Upper

63 100

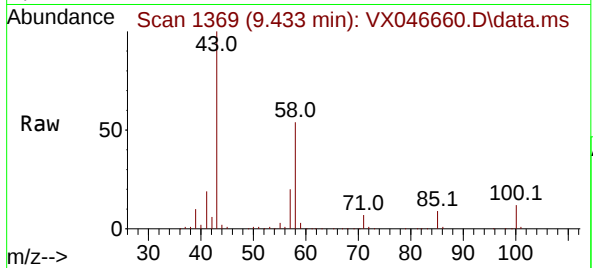
106 28.5 21.5 32.3





#59
2-Hexanone
Concen: 96.217 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

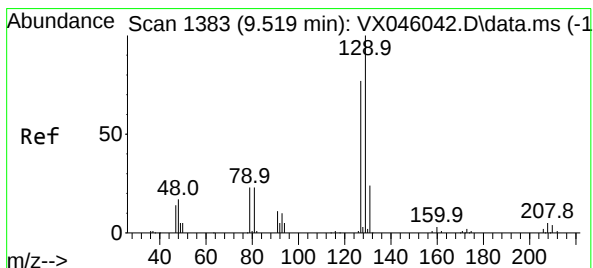
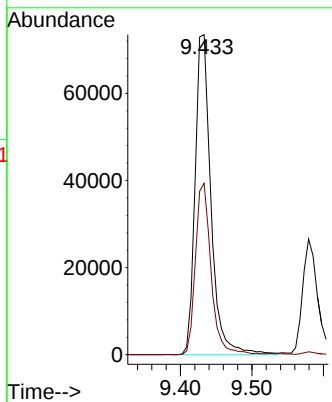
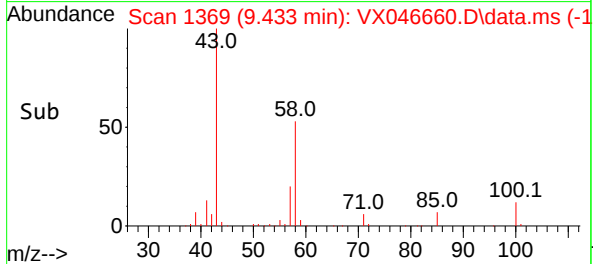
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 43 Resp: 113348
Ion Ratio Lower Upper
43 100
58 52.8 24.9 74.6

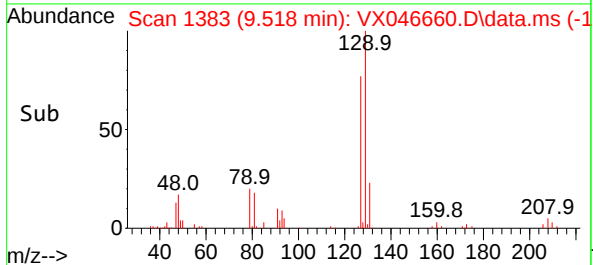
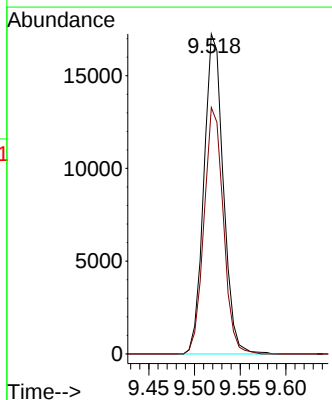
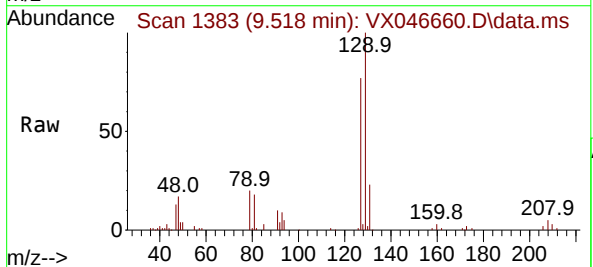
Manual Integrations
APPROVED

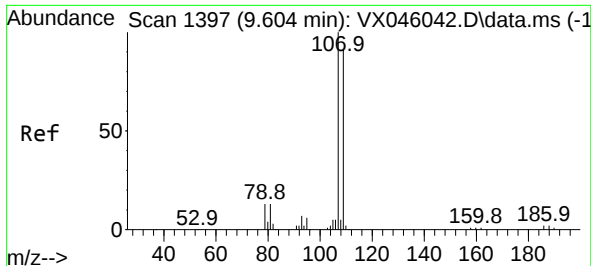
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#60
Dibromochloromethane
Concen: 20.468 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

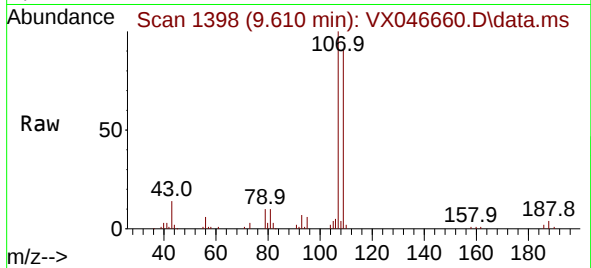
Tgt Ion:129 Resp: 25395
Ion Ratio Lower Upper
129 100
127 76.5 39.3 117.8





#61
1,2-Dibromoethane
Concen: 19.793 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

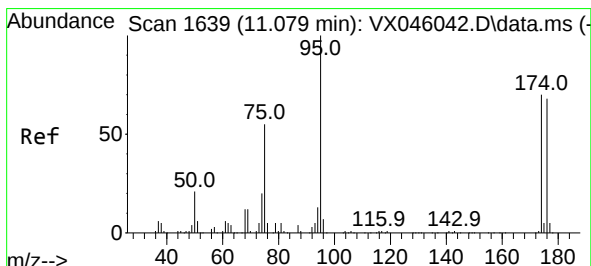
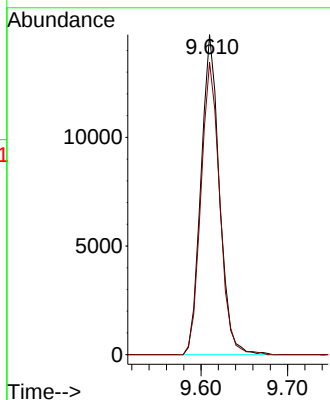
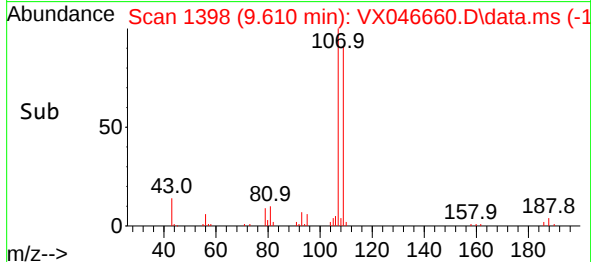
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion:107 Resp: 21750
Ion Ratio Lower Upper
107 100
109 93.2 73.3 109.9

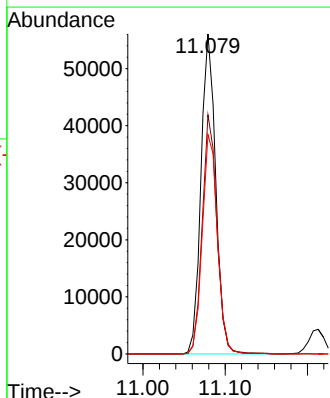
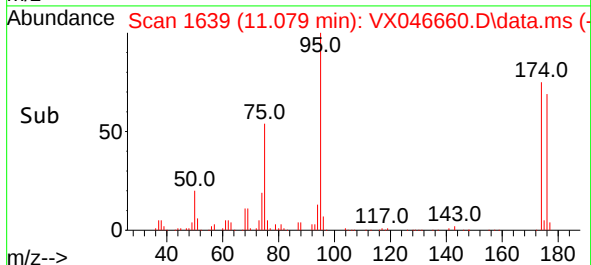
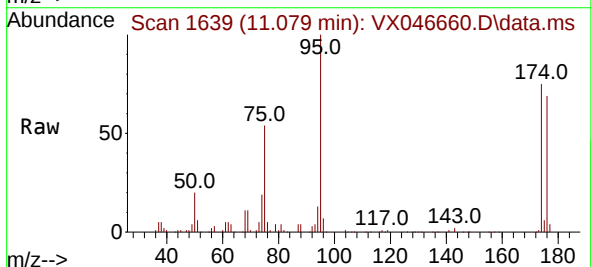
Manual Integrations
APPROVED

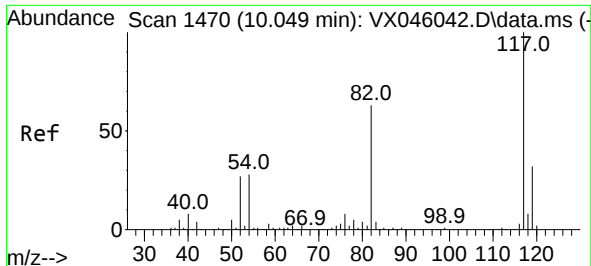
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#62
4-Bromofluorobenzene
Concen: 48.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 95 Resp: 69758
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.8
176 70.7 0.0 131.4





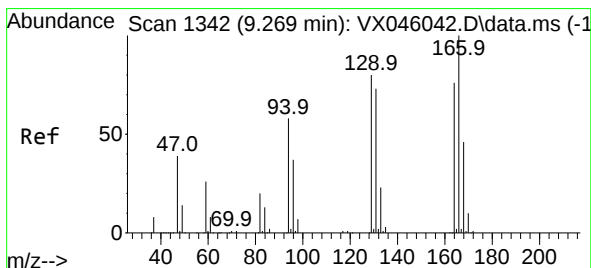
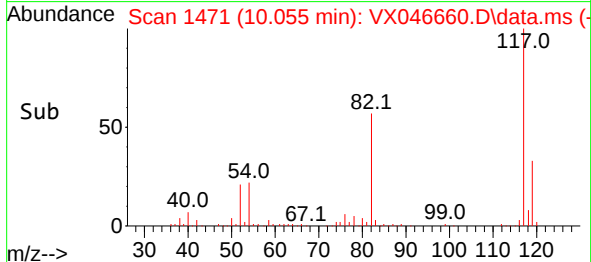
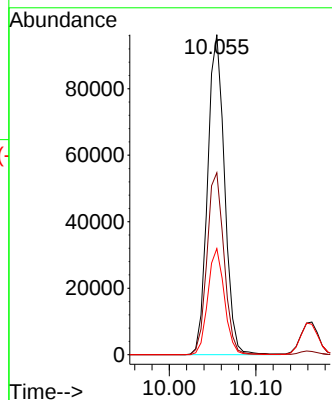
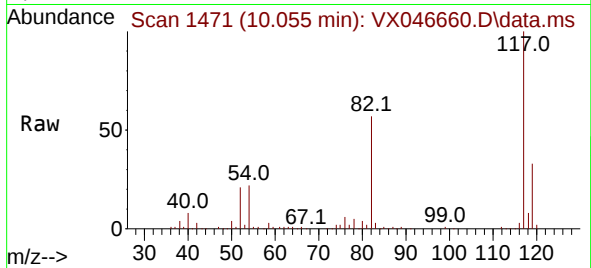
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion:117 Resp: 130715
Ion Ratio Lower Upper
117 100
82 56.8 50.6 76.0
119 33.1 25.8 38.6

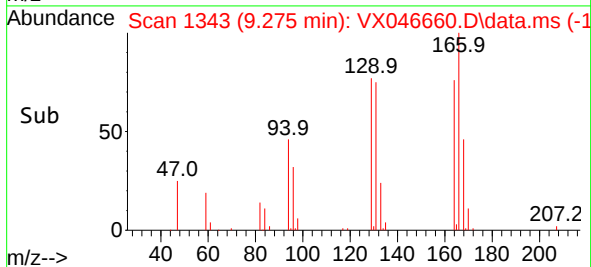
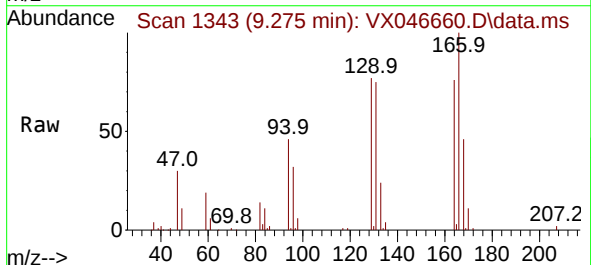
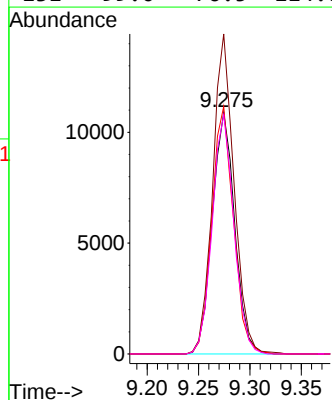
Manual Integrations
APPROVED

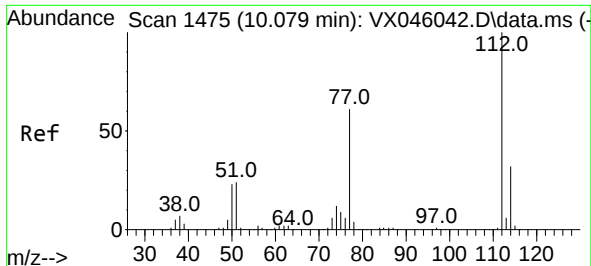
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#64
Tetrachloroethene
Concen: 18.916 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion:164 Resp: 16534
Ion Ratio Lower Upper
164 100
166 132.4 105.0 157.6
129 102.4 83.5 125.3
131 99.0 76.5 114.7





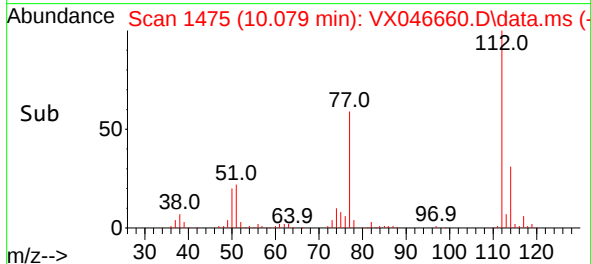
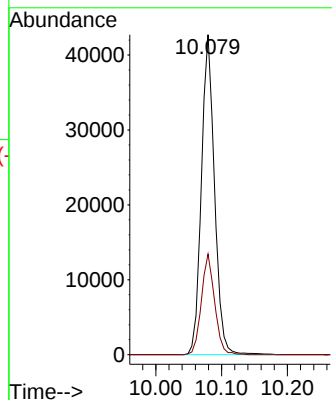
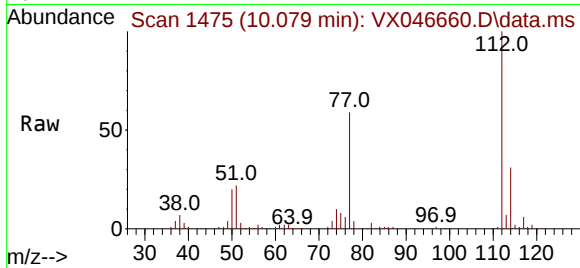
#65
Chlorobenzene
Concen: 19.277 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion:112 Resp: 59264
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

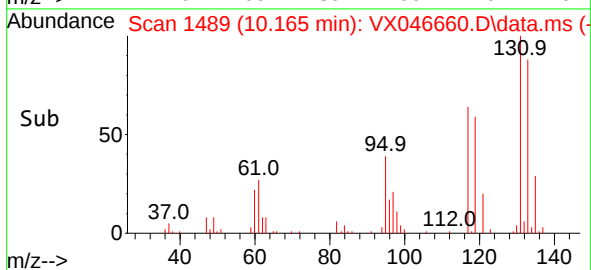
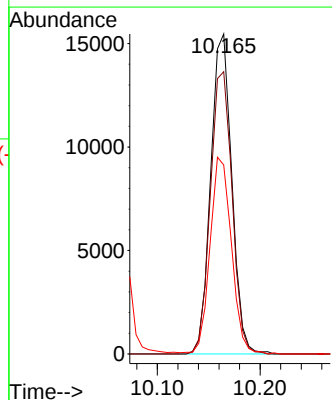
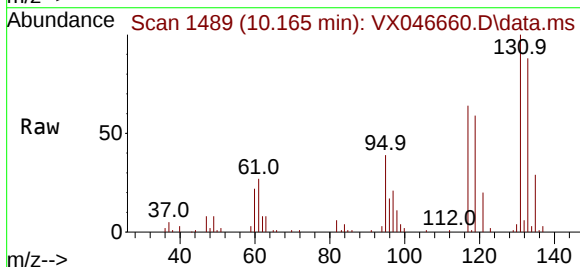
Manual Integrations
APPROVED

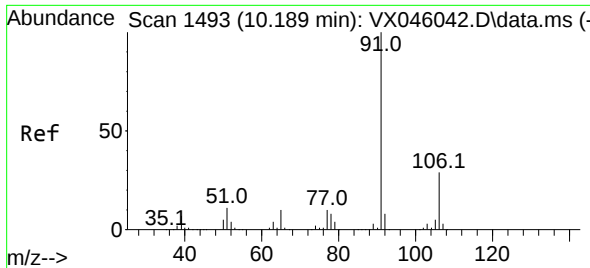
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.172 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion:131 Resp: 21995
Ion Ratio Lower Upper
131 100
133 91.1 47.3 141.9
119 62.6 31.6 95.0





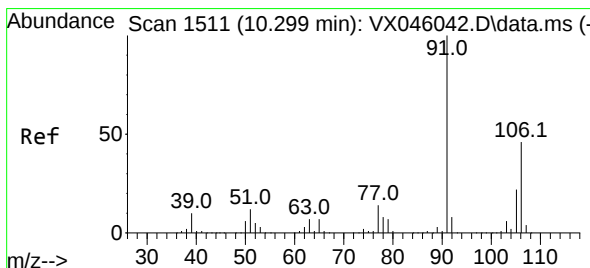
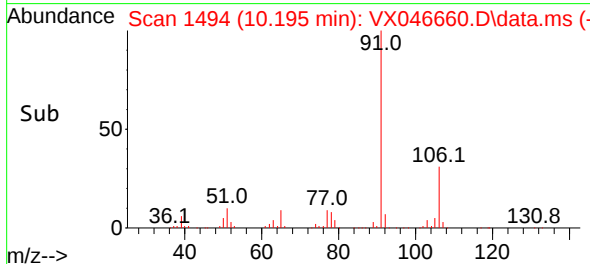
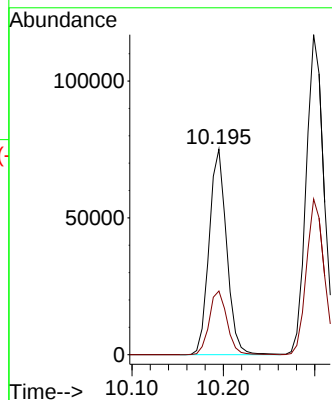
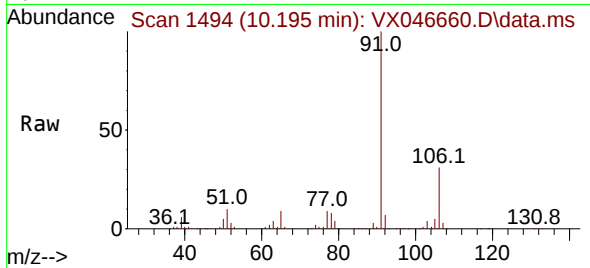
#67
Ethyl Benzene
Concen: 18.601 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion: 91 Resp: 99830
Ion Ratio Lower Upper
91 100
106 31.0 23.4 35.2

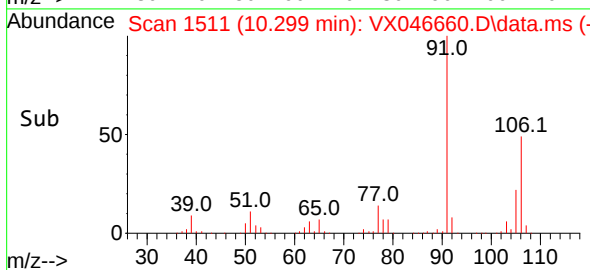
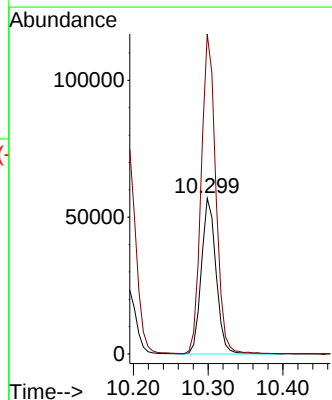
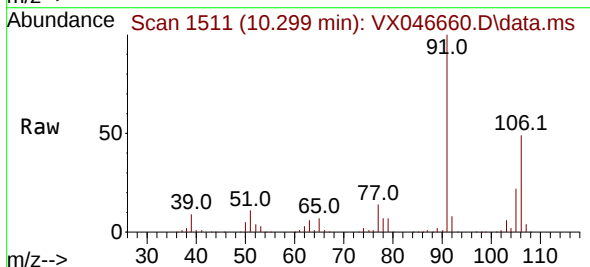
Manual Integrations
APPROVED

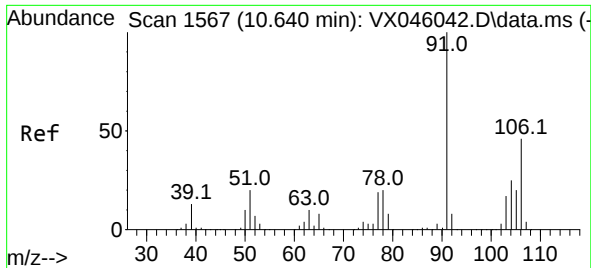
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#68
m/p-Xylenes
Concen: 39.802 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion:106 Resp: 77489
Ion Ratio Lower Upper
106 100
91 204.5 171.2 256.8





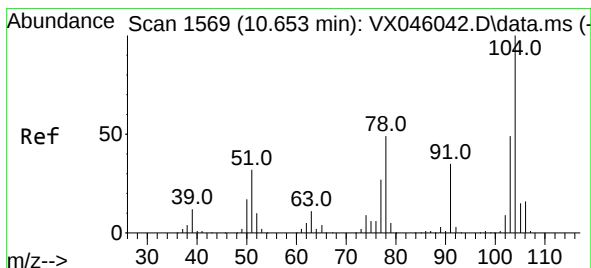
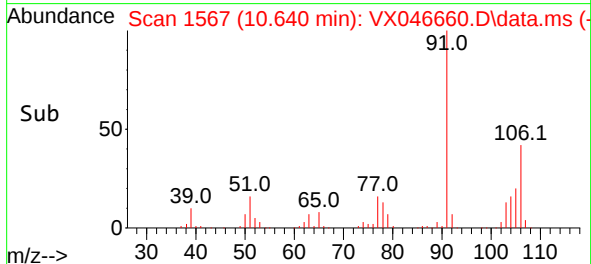
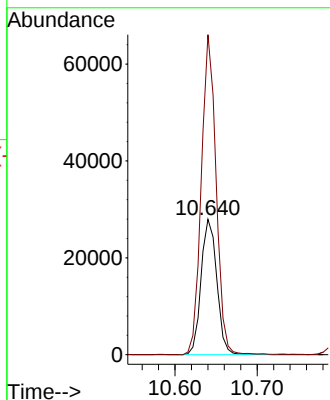
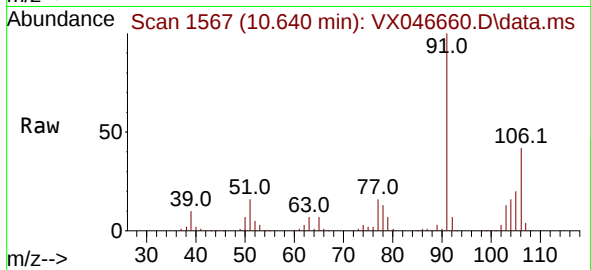
#69
o-Xylene
Concen: 19.709 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion:106 Resp: 37114
Ion Ratio Lower Upper
106 100
91 222.6 112.7 338.1

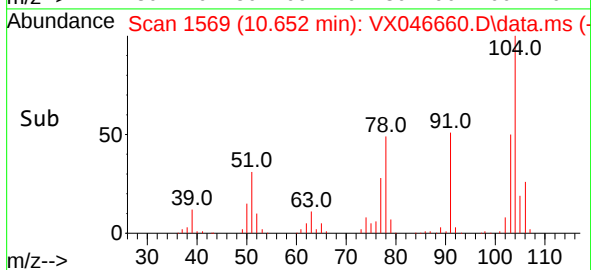
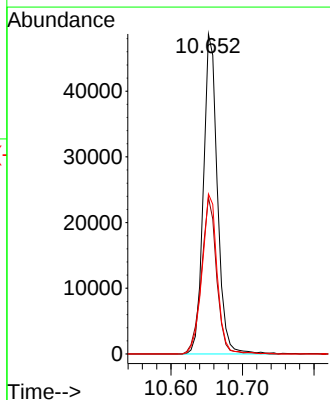
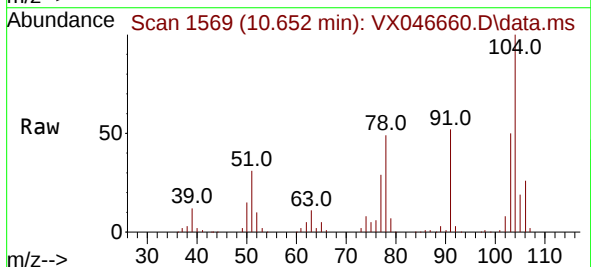
Manual Integrations
APPROVED

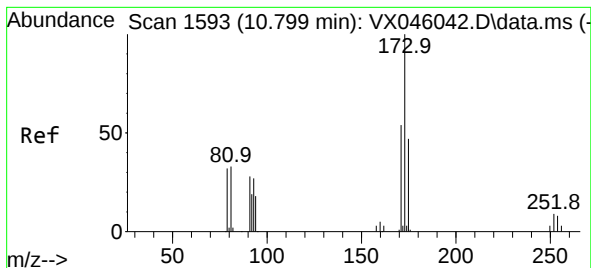
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#70
Styrene
Concen: 20.601 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion:104 Resp: 66406
Ion Ratio Lower Upper
104 100
78 52.6 45.7 68.5
103 53.9 43.7 65.5





#71

Bromoform

Concen: 20.616 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBS01

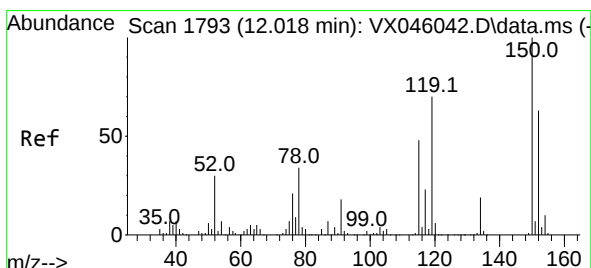
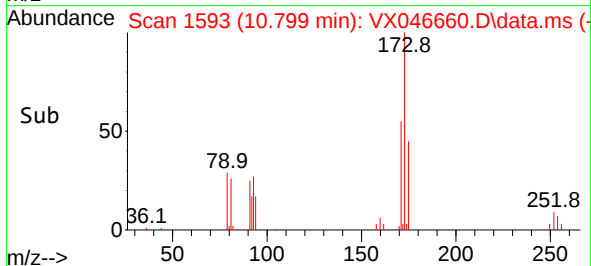
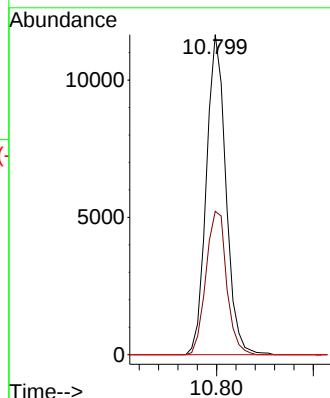
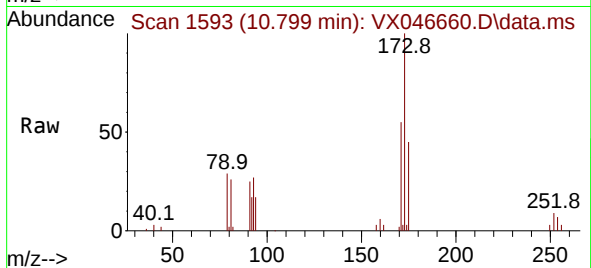
Tgt Ion:173	Resp:	16330
Ion Ratio	Lower	Upper
173	100	
175	47.5	23.4 70.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

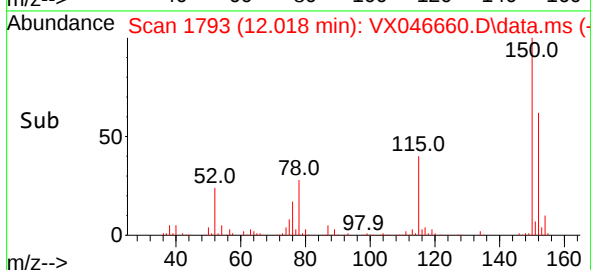
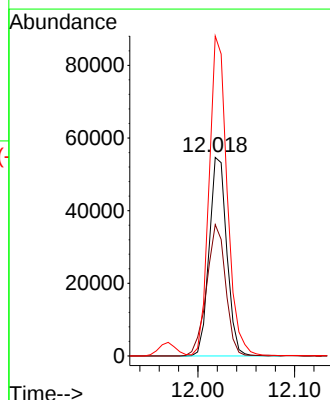
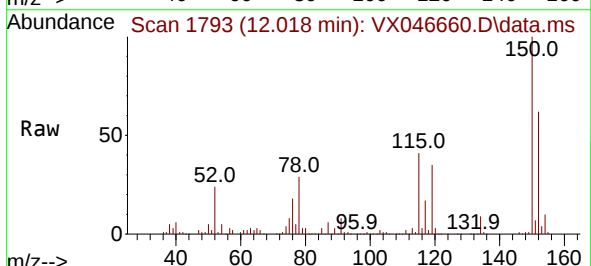
RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Tgt Ion:152	Resp:	69016
Ion Ratio	Lower	Upper
152	100	
115	71.4	46.9 140.7
150	165.3	0.0 351.0





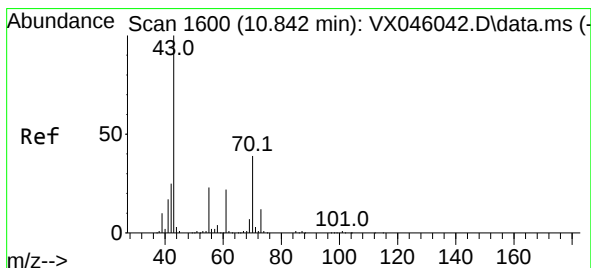
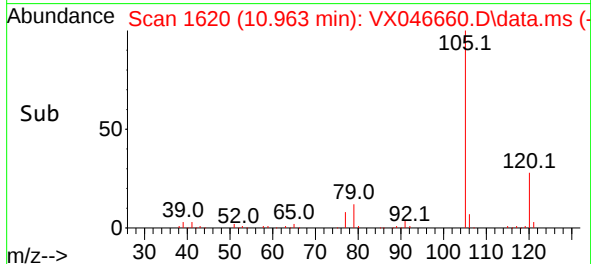
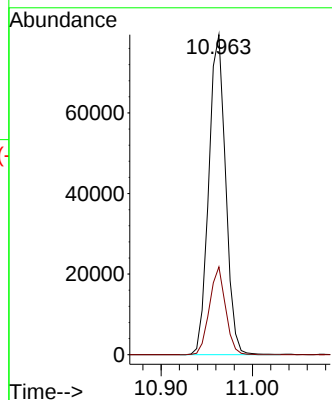
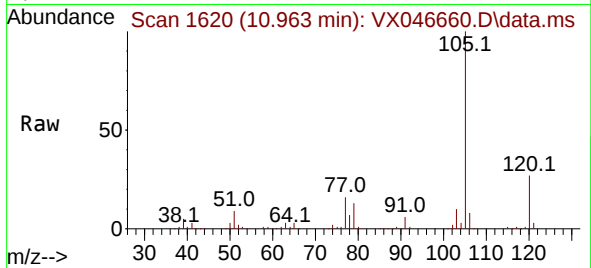
#73
Isopropylbenzene
Concen: 18.679 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion:105 Resp: 101339
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4

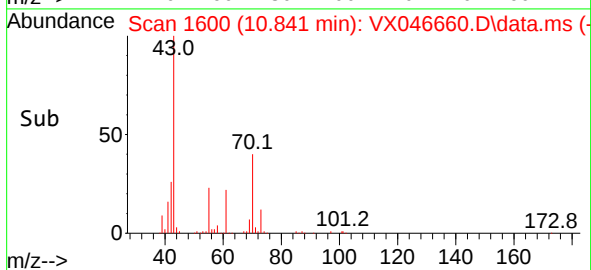
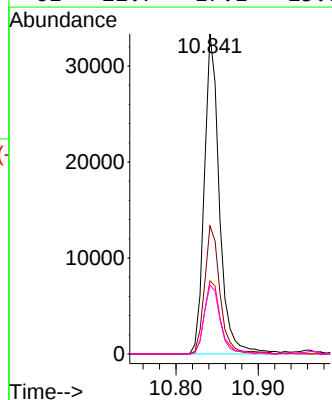
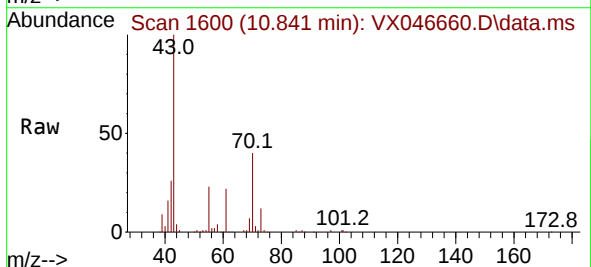
Manual Integrations
APPROVED

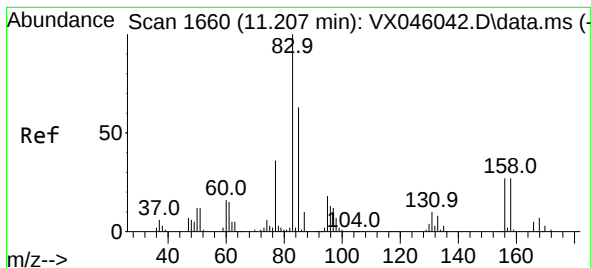
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#74
N-ethyl acetate
Concen: 17.811 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

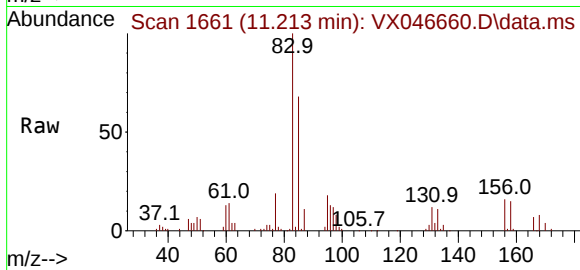
Tgt Ion: 43 Resp: 42555
Ion Ratio Lower Upper
43 100
70 41.0 30.9 46.3
55 24.3 18.7 28.1
61 22.7 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.188 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

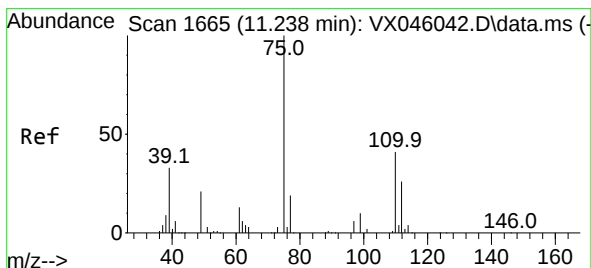
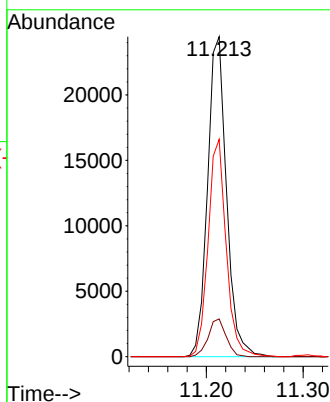
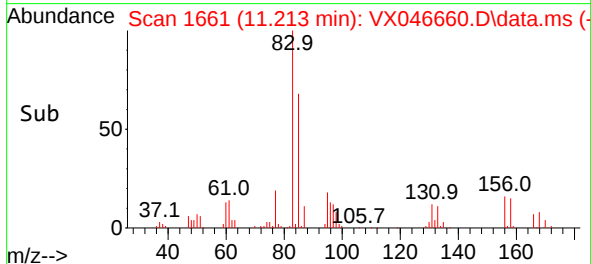
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 83 Resp: 3332
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 64.8 31.9 95.7

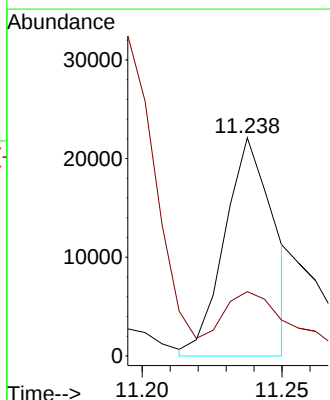
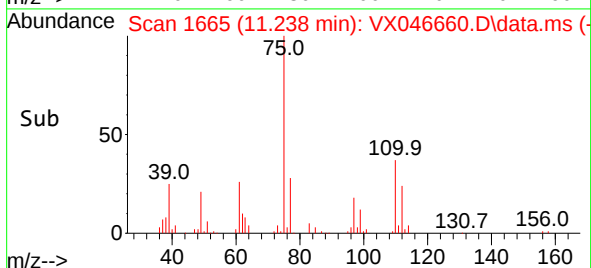
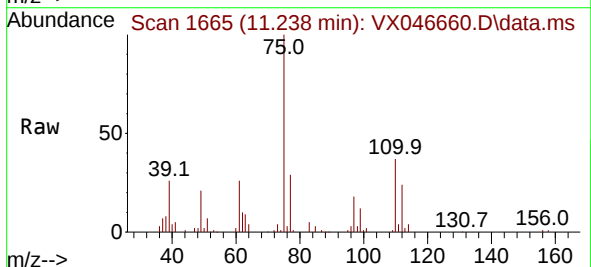
Manual Integrations
APPROVED

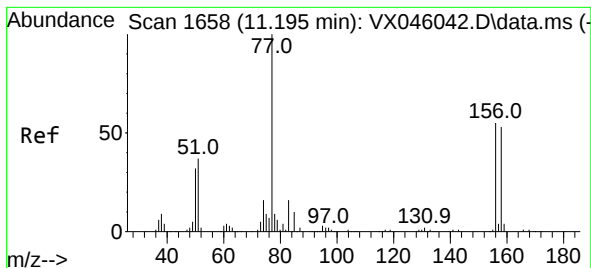
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#76
1,2,3-Trichloropropane
Concen: 18.389 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 75 Resp: 26882
Ion Ratio Lower Upper
75 100
77 42.8 20.5 61.5





#77

Bromobenzene

Concen: 19.285 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBS01

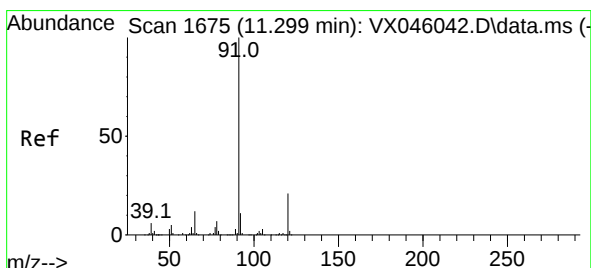
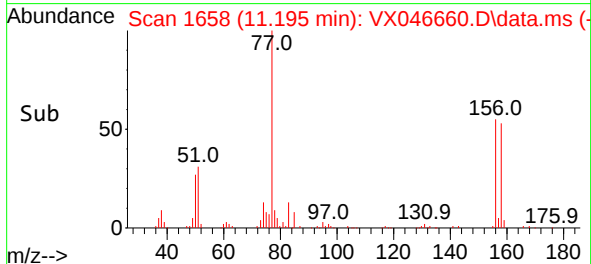
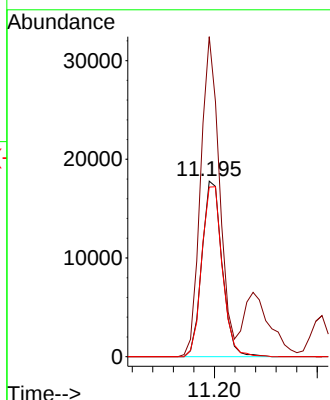
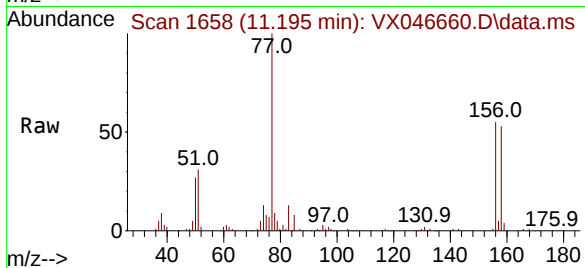
Tgt Ion:	156	Resp:	2428
Ion Ratio	Lower	Upper	
156	100		
77	170.5	92.8	278.3
158	98.9	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#78

n-propylbenzene

Concen: 18.075 ug/l

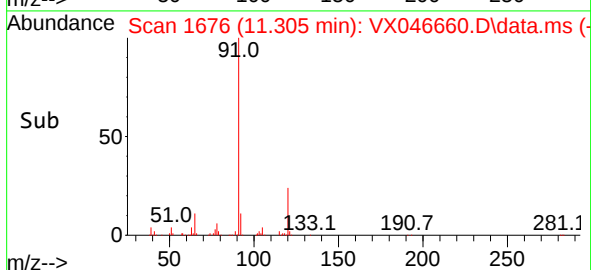
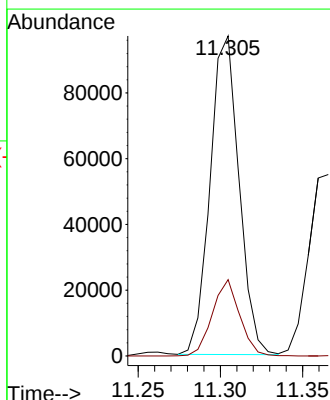
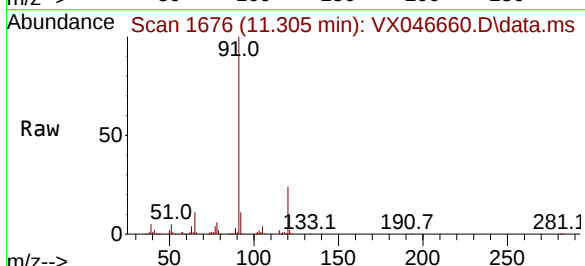
RT: 11.305 min Scan# 1676

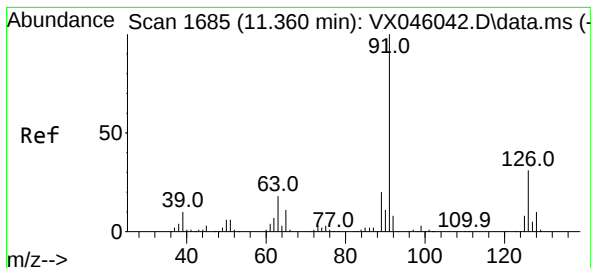
Delta R.T. -0.000 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Tgt Ion:	91	Resp:	118689
Ion Ratio	Lower	Upper	
91	100		
120	22.7	10.8	32.4





#79

2-Chlorotoluene

Concen: 18.214 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBS01

Tgt Ion: 91 Resp: 7212

Ion Ratio Lower Upper

91 100

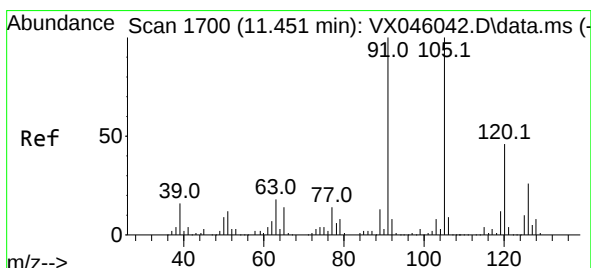
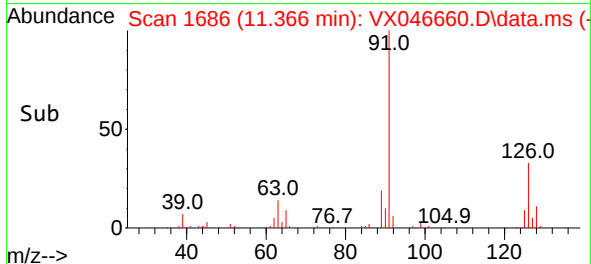
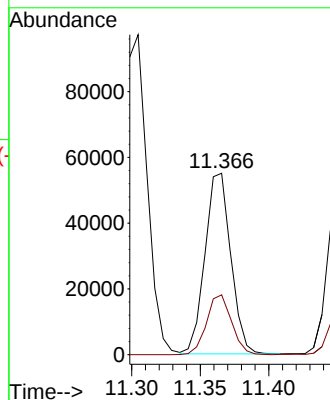
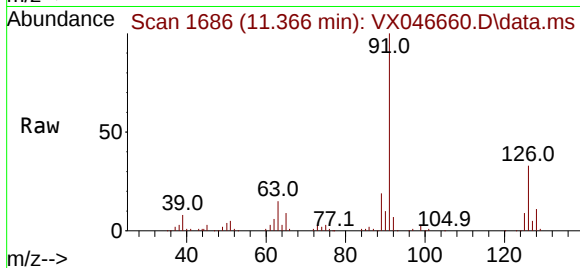
126 32.1 15.6 46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#80

1,3,5-Trimethylbenzene

Concen: 18.909 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046660.D

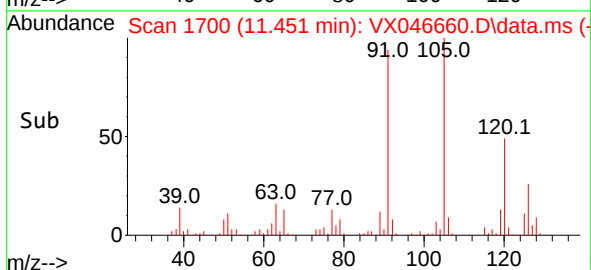
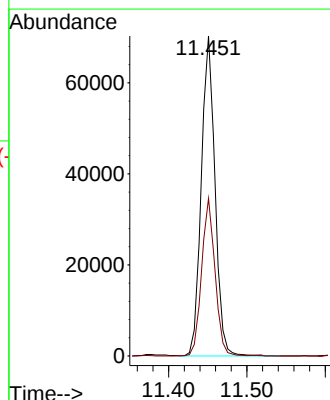
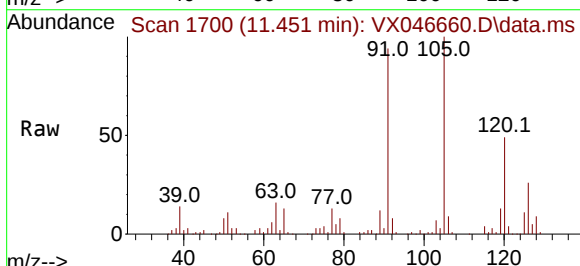
Acq: 12 Jun 2025 13:38

Tgt Ion:105 Resp: 85488

Ion Ratio Lower Upper

105 100

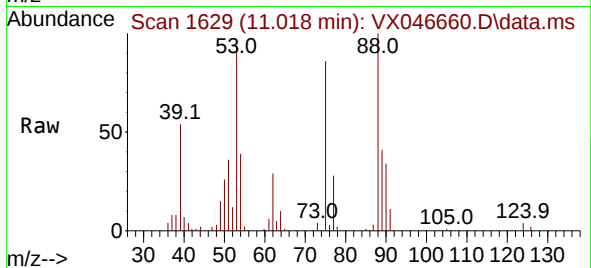
120 48.2 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.170 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

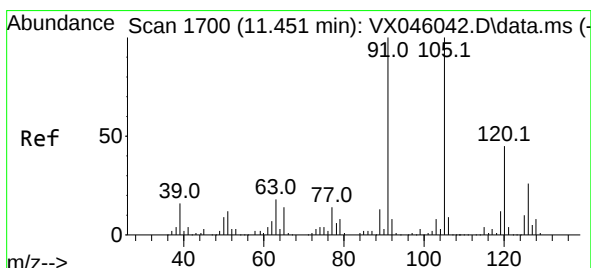
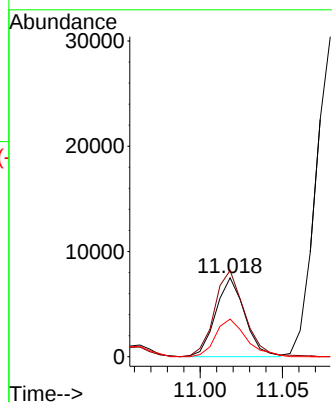
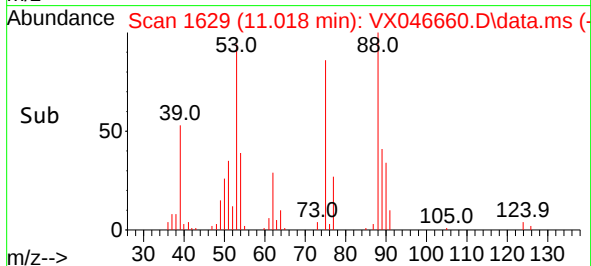
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 75 Resp: 9208
Ion Ratio Lower Upper
75 100
53 113.5 100.5 150.7
89 50.2 37.0 55.6

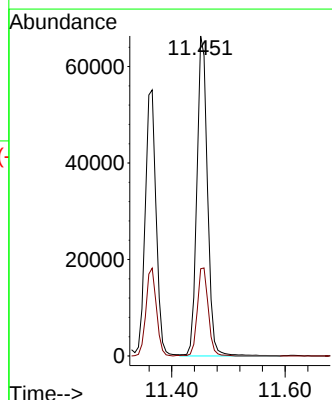
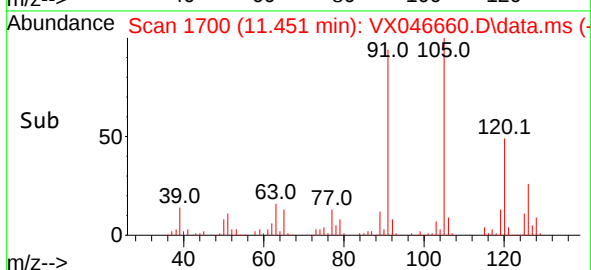
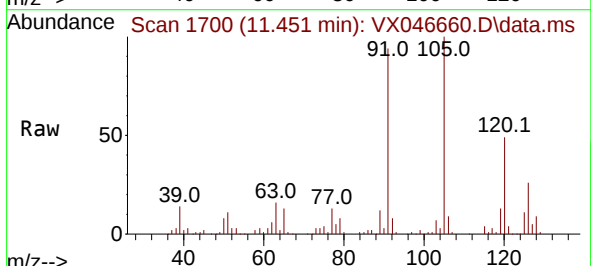
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#82
4-Chlorotoluene
Concen: 18.344 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 91 Resp: 86099
Ion Ratio Lower Upper
91 100
126 28.2 13.3 39.8





#83

tert-Butylbenzene

Concen: 18.363 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBS01

Tgt Ion:119 Resp: 8451

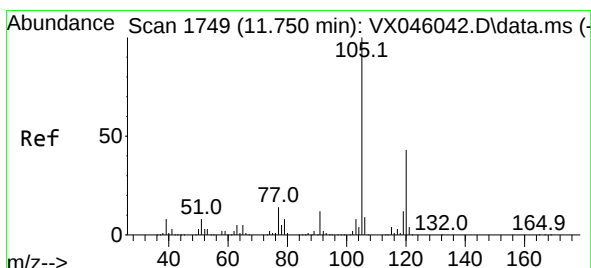
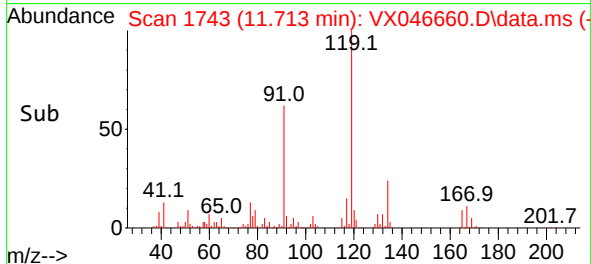
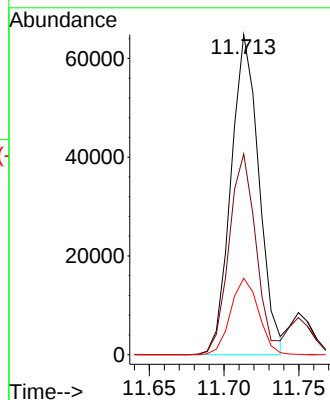
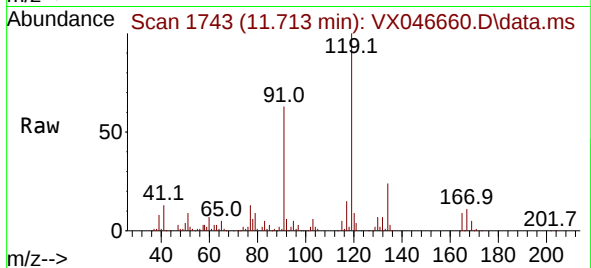
Ion	Ratio	Lower	Upper
119	100		
91	60.9	32.9	98.7
134	23.9	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#84

1,2,4-Trimethylbenzene

Concen: 18.609 ug/l

RT: 11.750 min Scan# 1749

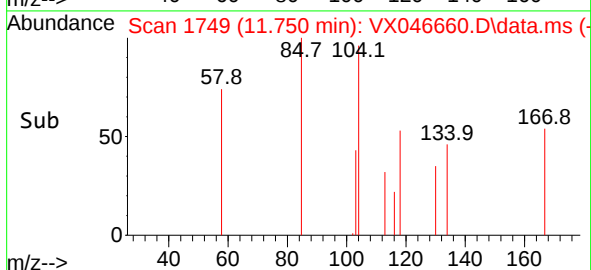
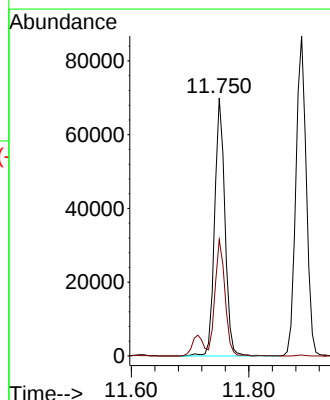
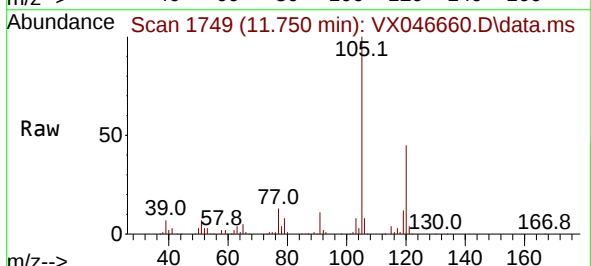
Delta R.T. -0.000 min

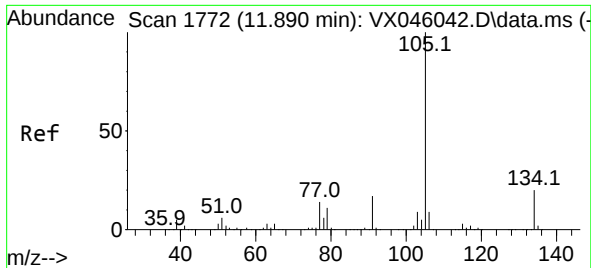
Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Tgt Ion:105 Resp: 85107

Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.2	63.6





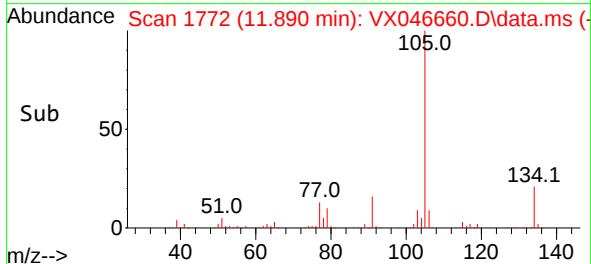
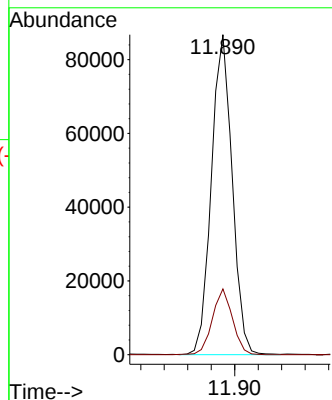
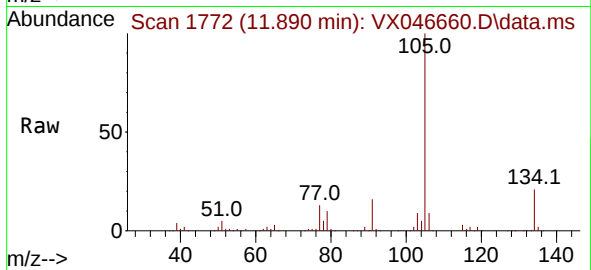
#85
 sec-Butylbenzene
 Concen: 18.059 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046660.D
 Acq: 12 Jun 2025 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS01

Tgt Ion:105 Resp: 10679
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1

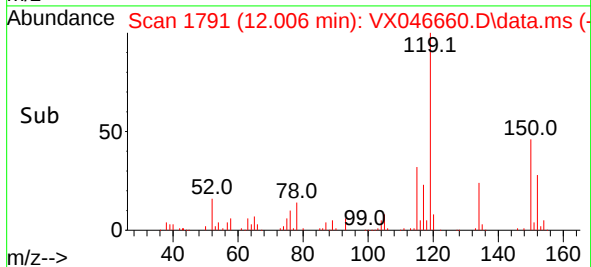
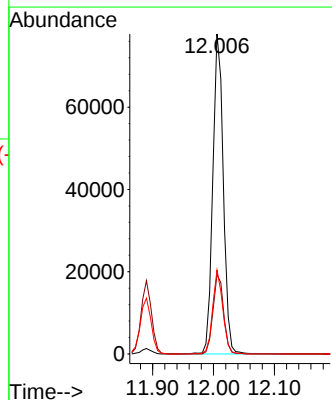
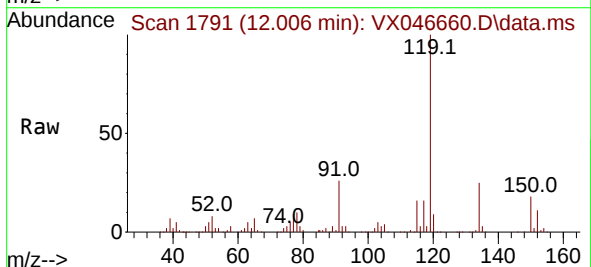
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#86
 p-Isopropyltoluene
 Concen: 18.850 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046660.D
 Acq: 12 Jun 2025 13:38

Tgt Ion:119 Resp: 92930
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.5 37.5
 91 25.3 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 19.491 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBS01

Tgt Ion:146 Resp: 47662

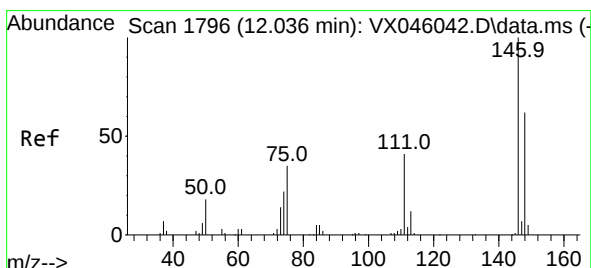
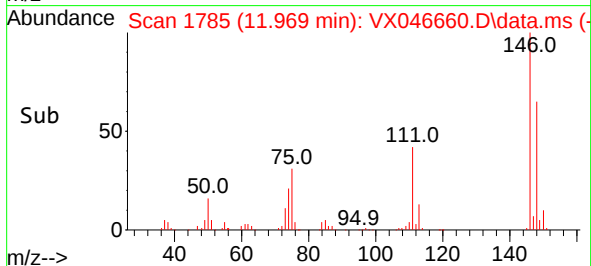
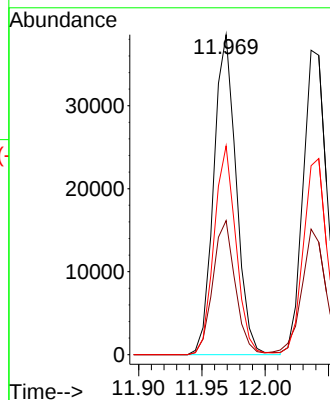
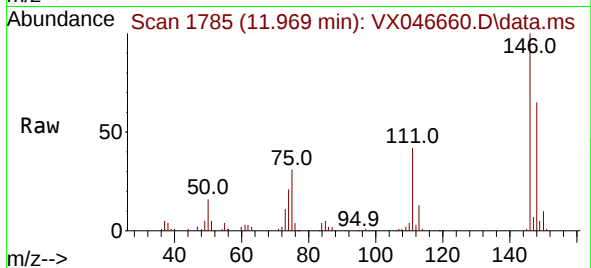
Ion	Ratio	Lower	Upper
146	100		
111	41.8	22.1	66.3
148	63.6	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#88

1,4-Dichlorobenzene

Concen: 18.991 ug/l

RT: 12.036 min Scan# 1796

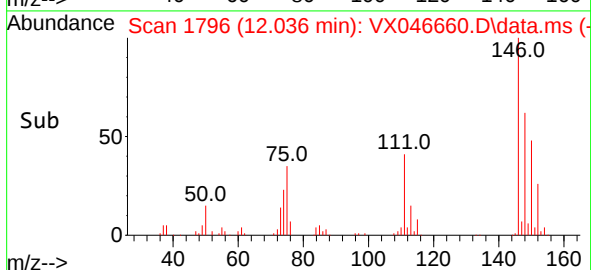
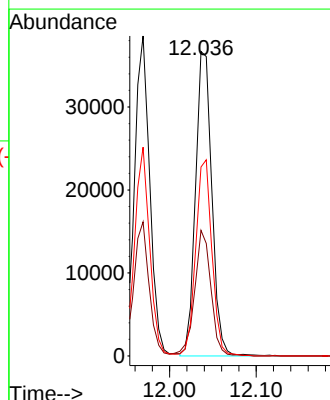
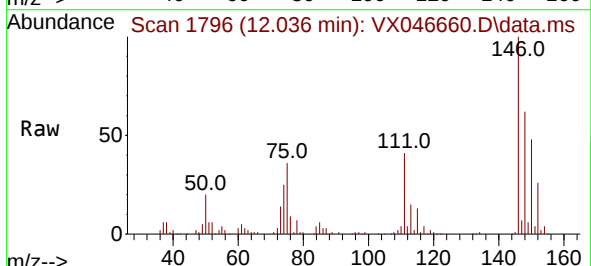
Delta R.T. -0.006 min

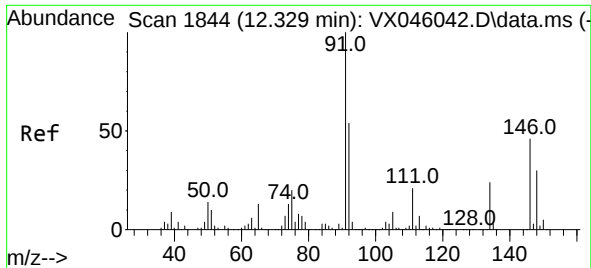
Lab File: VX046660.D

Acq: 12 Jun 2025 13:38

Tgt Ion:146 Resp: 48120

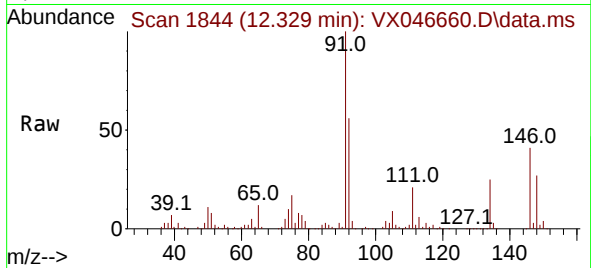
Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.3	63.9
148	64.3	31.9	95.5





#89
n-Butylbenzene
Concen: 17.705 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

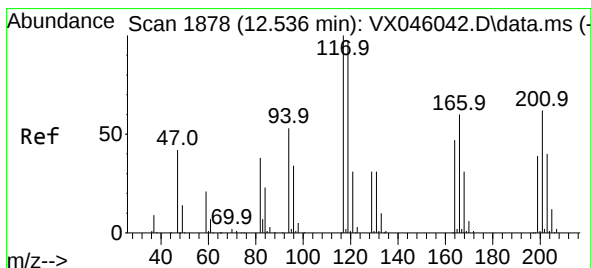
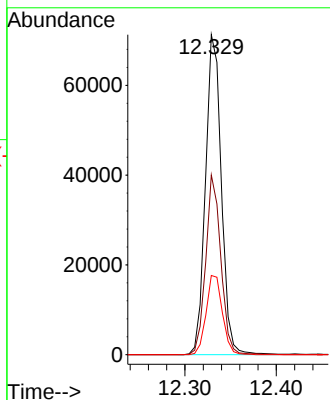
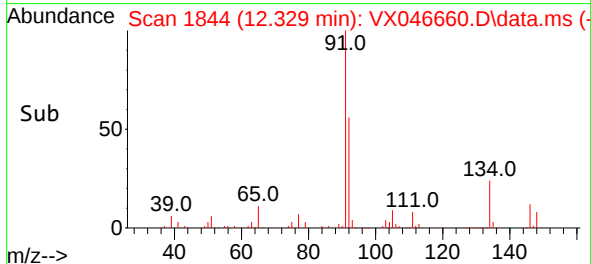
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion: 91 Resp: 8571
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 25.4 11.8 35.3

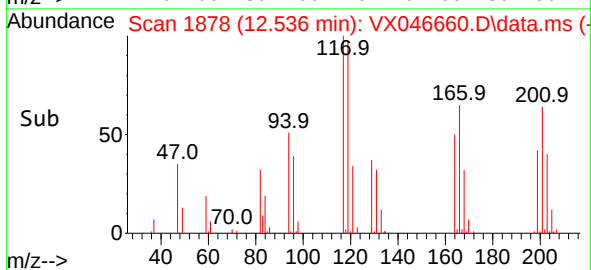
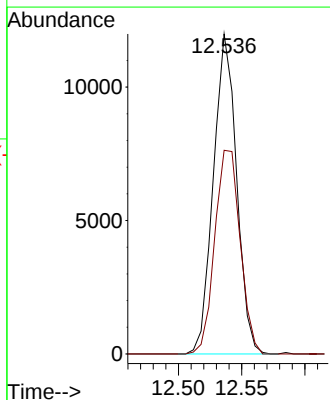
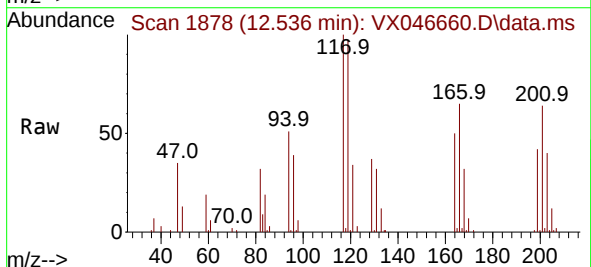
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#90
Hexachloroethane
Concen: 17.437 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

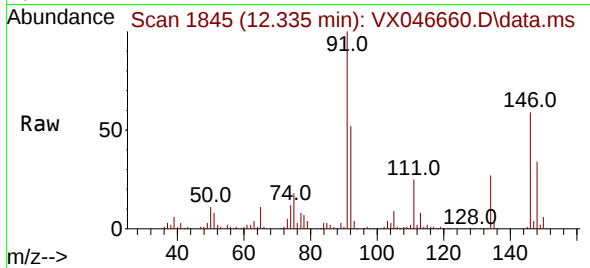
Tgt Ion:117 Resp: 15279
Ion Ratio Lower Upper
117 100
201 69.7 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 19.352 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

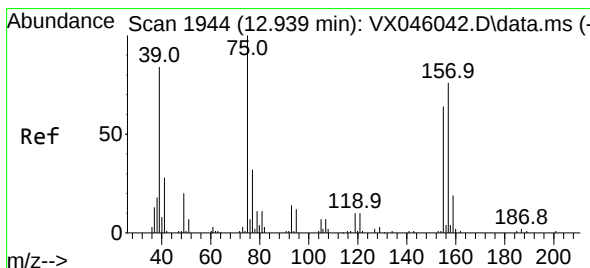
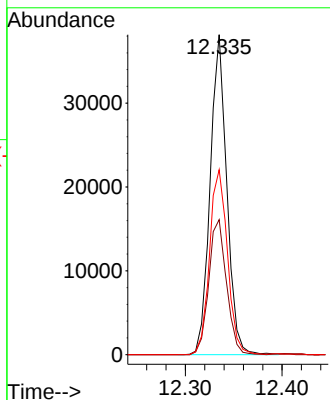
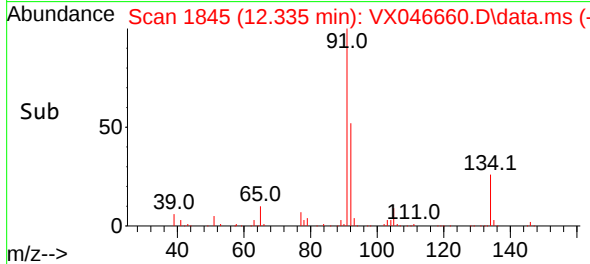
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



Tgt Ion:146 Resp: 45679
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.3
148 62.2 31.6 94.8

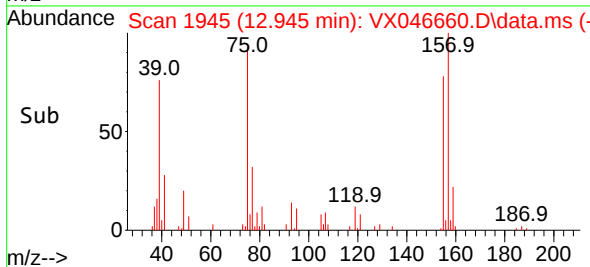
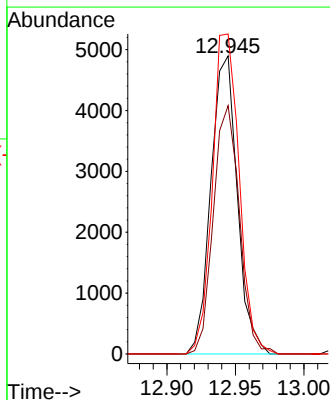
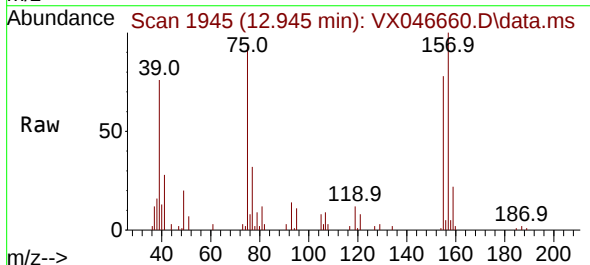
Manual Integrations
APPROVED

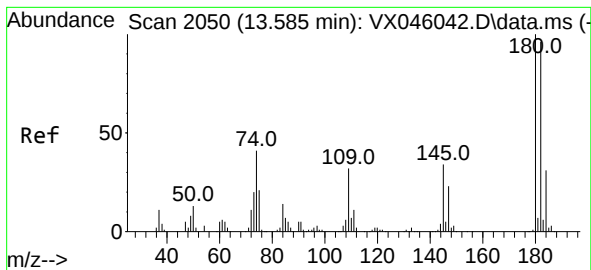
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.820 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Tgt Ion: 75 Resp: 6541
Ion Ratio Lower Upper
75 100
155 82.4 34.9 104.8
157 109.1 43.8 131.4





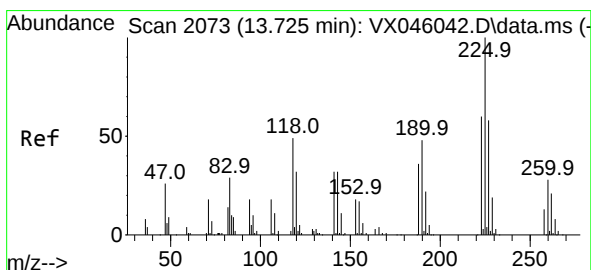
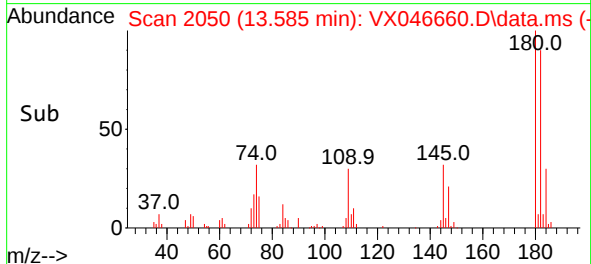
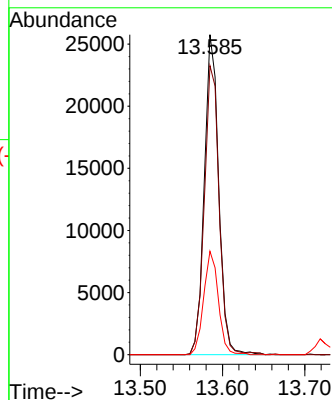
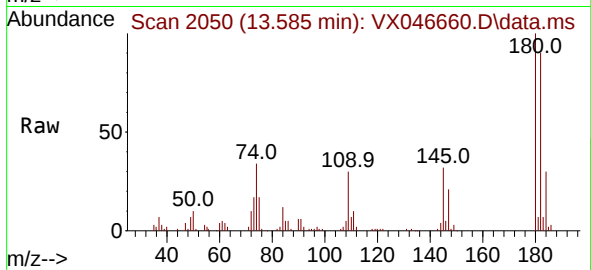
#93
1,2,4-Trichlorobenzene
Concen: 19.444 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01

Tgt Ion:180 Resp: 31308
Ion Ratio Lower Upper
180 100
182 92.9 47.9 143.8
145 33.0 17.1 51.2

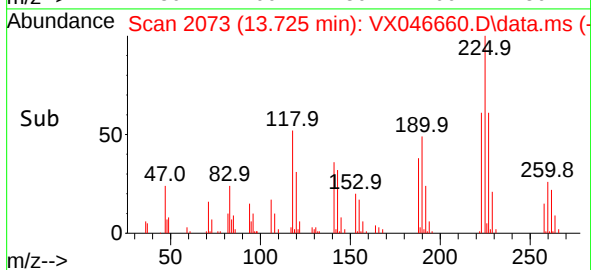
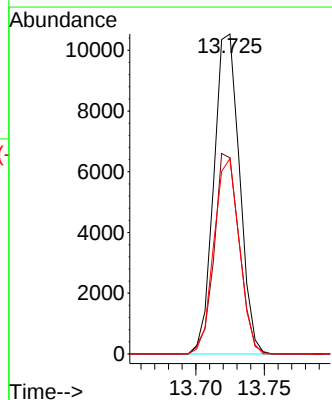
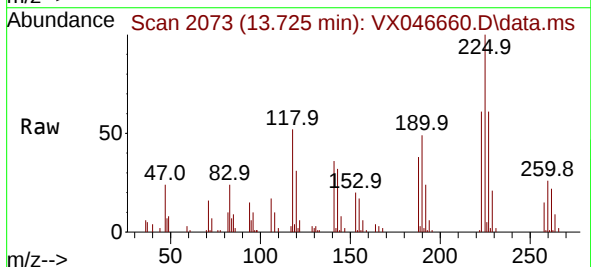
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#94
Hexachlorobutadiene
Concen: 18.328 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

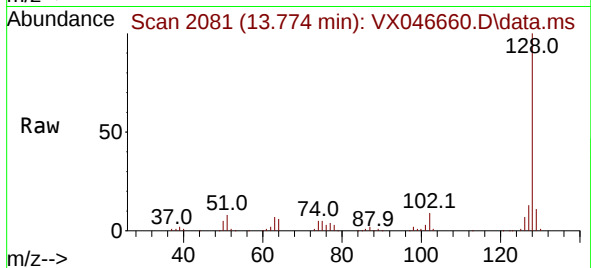
Tgt Ion:225 Resp: 13715
Ion Ratio Lower Upper
225 100
223 61.1 30.8 92.4
227 60.4 30.9 92.7





#95
Naphthalene
Concen: 19.787 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38

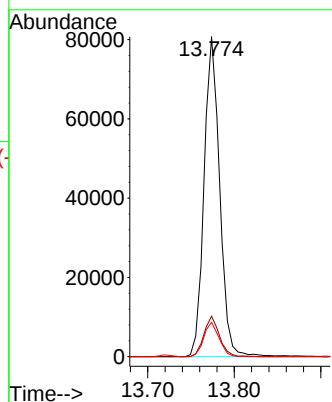
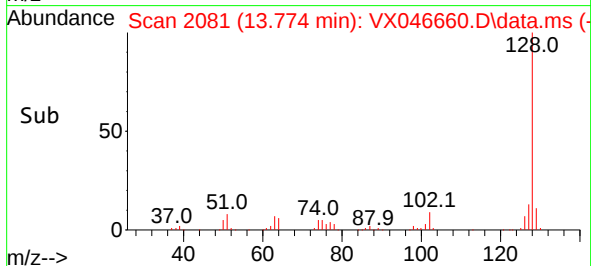
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBS01



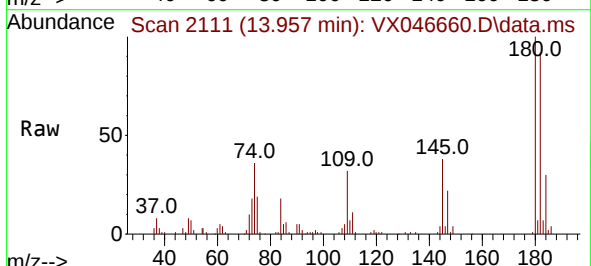
Tgt Ion:128 Resp: 10103
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.5 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.936 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046660.D
Acq: 12 Jun 2025 13:38



Tgt Ion:180 Resp: 30574
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.3
145 35.7 18.1 54.3

