

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045668.D
 Acq On : 09 Apr 2025 12:14
 Operator : JC/MD
 Sample : VX0409WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2025
 Supervised By : Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:34:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	83922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83081	54.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.260%			
35) Dibromofluoromethane	5.379	113	56225	53.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	8.647	98	193619	53.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.140%			
62) 4-Bromofluorobenzene	11.079	95	72225	54.344	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26359	21.002	ug/l	97
3) Chloromethane	1.301	50	24598	19.078	ug/l	96
4) Vinyl Chloride	1.374	62	22249	18.856	ug/l	98
5) Bromomethane	1.593	94	10738	19.193	ug/l	96
6) Chloroethane	1.672	64	13084	20.900	ug/l	96
7) Trichlorofluoromethane	1.874	101	37130	21.102	ug/l	98
8) Diethyl Ether	2.130	74	12288	20.801	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22284	21.613	ug/l	98
10) Methyl Iodide	2.447	142	25440	19.781	ug/l	98
11) Tert butyl alcohol	2.971	59	21640	104.919	ug/l	97
12) 1,1-Dichloroethene	2.313	96	19384	19.240	ug/l	96
13) Acrolein	2.233	56	24667	86.848	ug/l	100
14) Allyl chloride	2.660	41	38545	20.164	ug/l	100
15) Acrylonitrile	3.062	53	66469	102.092	ug/l	98
16) Acetone	2.380	43	63148	100.204	ug/l	100
17) Carbon Disulfide	2.502	76	43259	17.385	ug/l	98
18) Methyl Acetate	2.703	43	32001	22.055	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	74214	21.058	ug/l	99
20) Methylene Chloride	2.782	84	23629	20.028	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	20510	19.927	ug/l	95
22) Diisopropyl ether	3.757	45	76032	20.192	ug/l #	84
23) Vinyl Acetate	3.715	43	337495	103.736	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42727	20.064	ug/l	98
25) 2-Butanone	4.556	43	93998	101.897	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31085	22.593	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24738	19.727	ug/l	97
28) Bromochloromethane	4.891	49	22944	22.295	ug/l	95
29) Tetrahydrofuran	5.001	42	60710	101.509	ug/l	99
30) Chloroform	5.086	83	45617	20.818	ug/l	95
31) Cyclohexane	5.464	56	36967	19.636	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	37694	20.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29168	20.666	ug/l	97
37) Ethyl Acetate	4.715	43	35265	19.826	ug/l	99
38) Carbon Tetrachloride	5.666	117	32304	21.177	ug/l	96
39) Methylcyclohexane	7.373	83	36184	20.914	ug/l	97
40) Benzene	6.031	78	88084	20.434	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19925	21.231	ug/l	98
42) 1,2-Dichloroethane	6.080	62	38327	21.527	ug/l	98
43) Isopropyl Acetate	6.336	43	56680	21.025	ug/l	99
44) Trichloroethene	7.117	130	20859	20.359	ug/l	98
45) 1,2-Dichloropropane	7.421	63	22357	20.787	ug/l	97
46) Dibromomethane	7.580	93	17307	20.962	ug/l	99
47) Bromodichloromethane	7.818	83	34699	21.045	ug/l	97
48) Methyl methacrylate	7.690	41	29460	21.165	ug/l	99
49) 1,4-Dioxane	7.659	88	12023	477.420	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	193392	108.215	ug/l	99
52) Toluene	8.714	92	53050	20.338	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	28240	19.284	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	33764	21.791	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	21842	21.014	ug/l	97
56) Ethyl methacrylate	9.116	69	34262	21.299	ug/l	99
57) 1,3-Dichloropropane	9.305	76	38282	21.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	86030	105.722	ug/l	99
59) 2-Hexanone	9.427	43	144024	108.828	ug/l	100
60) Dibromochloromethane	9.519	129	23898	21.090	ug/l	100
61) 1,2-Dibromoethane	9.604	107	22040	20.947	ug/l	100
64) Tetrachloroethene	9.269	164	20103	22.004	ug/l	98
65) Chlorobenzene	10.073	112	57784	20.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20170	21.011	ug/l	99
67) Ethyl Benzene	10.189	91	103577	20.915	ug/l	97
68) m/p-Xylenes	10.299	106	76264	42.342	ug/l	99
69) o-Xylene	10.640	106	36814	20.748	ug/l	97
70) Styrene	10.653	104	62023	21.179	ug/l	99
71) Bromoform	10.799	173	14473	20.192	ug/l #	96
73) Isopropylbenzene	10.957	105	100080	20.667	ug/l	100
74) N-amyl acetate	10.842	43	48343	20.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34910	20.522	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30554m	20.719	ug/l	
77) Bromobenzene	11.195	156	22419	20.037	ug/l	99
78) n-propylbenzene	11.299	91	114673	20.559	ug/l	100
79) 2-Chlorotoluene	11.360	91	72313	20.279	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	84415	21.081	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8233	18.948	ug/l	91
82) 4-Chlorotoluene	11.451	91	81662	20.540	ug/l	99
83) tert-Butylbenzene	11.713	119	81324	20.513	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	84218	20.954	ug/l	98
85) sec-Butylbenzene	11.890	105	102552	21.061	ug/l	99
86) p-Isopropyltoluene	12.006	119	83431	20.783	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41742	20.495	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	41769	20.229	ug/l	97
89) n-Butylbenzene	12.329	91	72507	20.828	ug/l	99
90) Hexachloroethane	12.536	117	13954	20.226	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42899	21.185	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7403	20.808	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	23347	20.713	ug/l	98
94) Hexachlorobutadiene	13.725	225	10328	21.264	ug/l	99
95) Naphthalene	13.774	128	85609	20.410	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	23965	20.305	ug/l	99

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Instrument :
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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

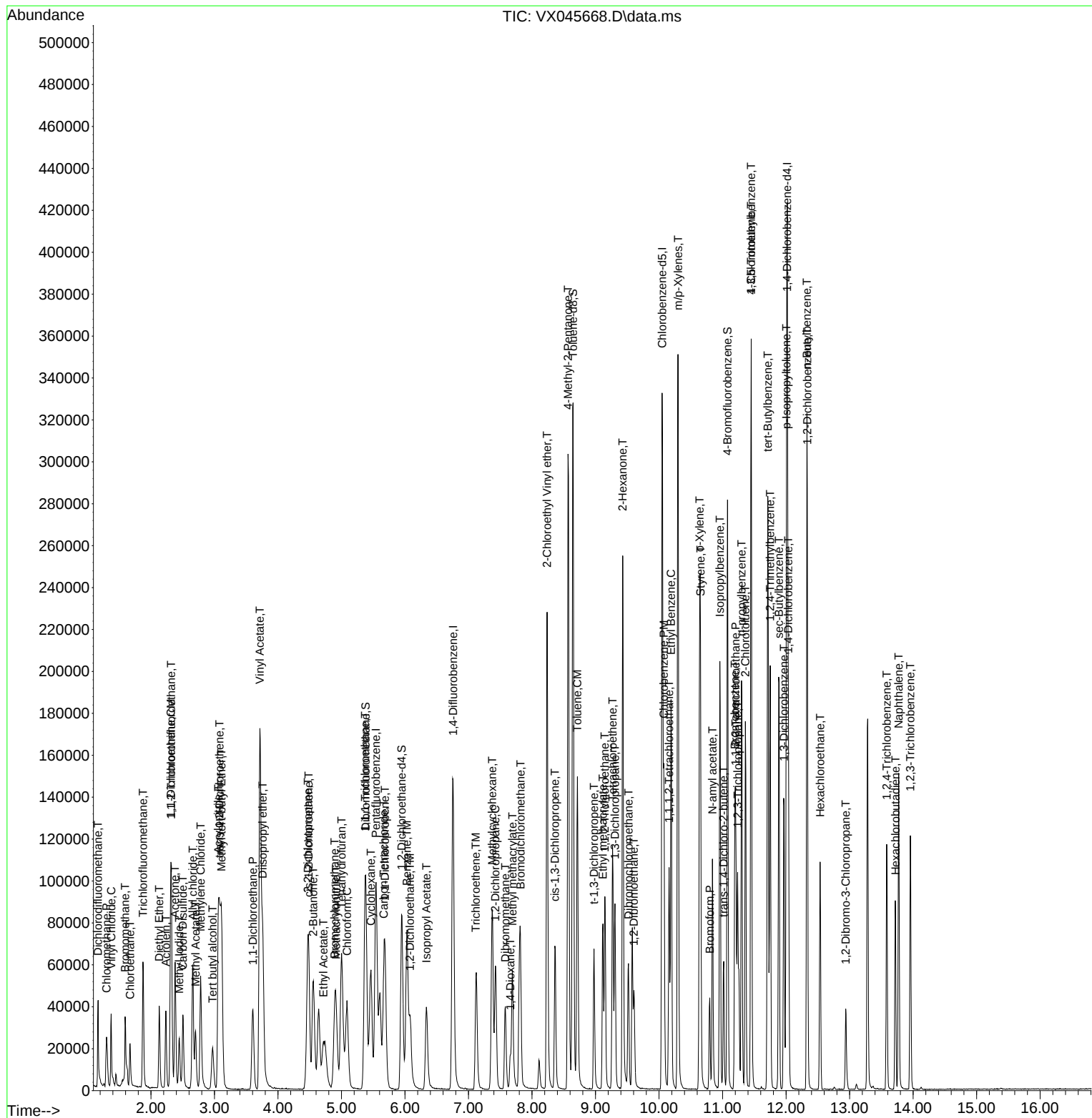
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Instrument :
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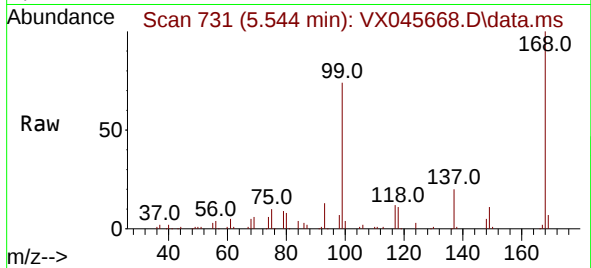
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045668.D
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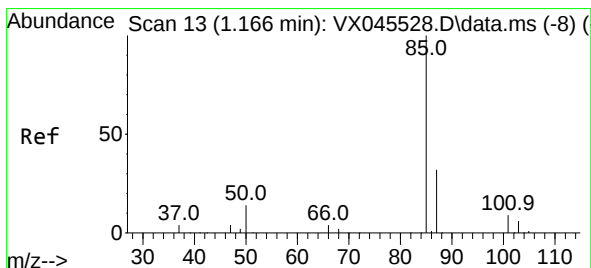
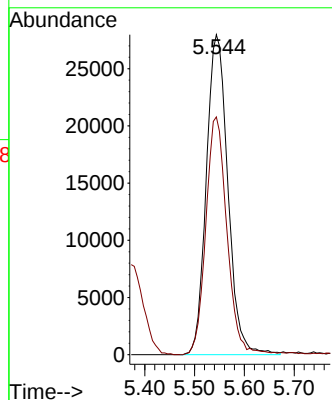
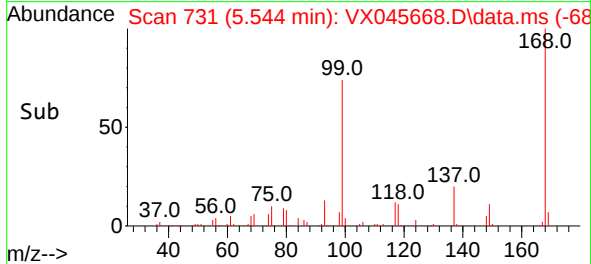
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion:168 Resp: 8392
Ion Ratio Lower Upper
168 100
99 74.3 52.3 78.5

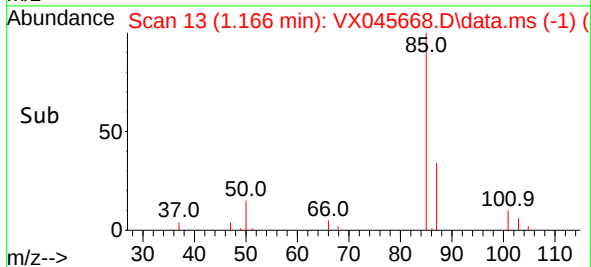
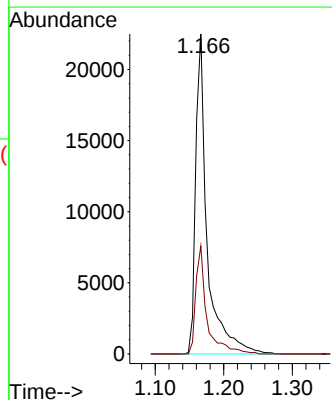
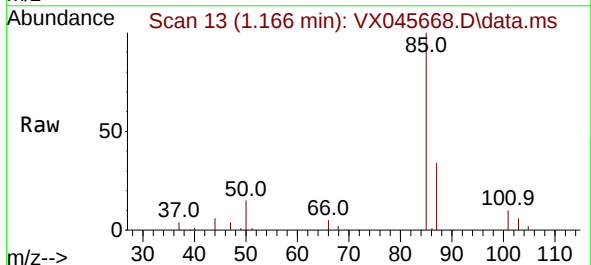
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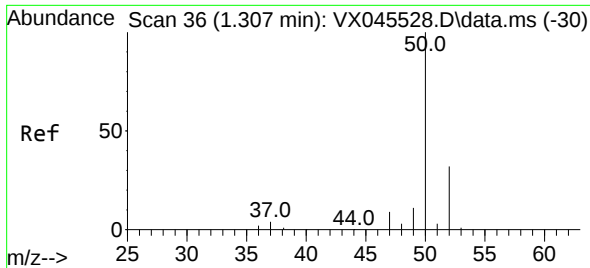
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#2
Dichlorodifluoromethane
Concen: 21.002 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Tgt Ion: 85 Resp: 26359
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2





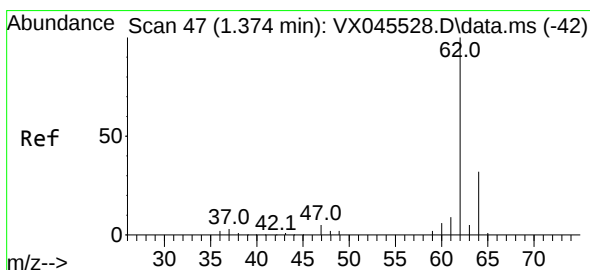
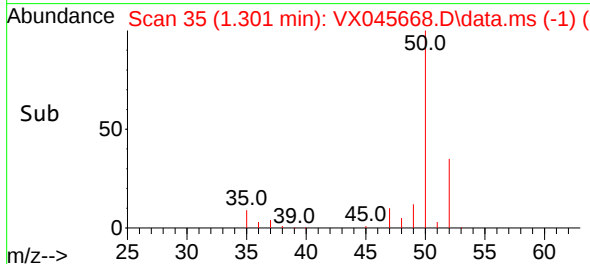
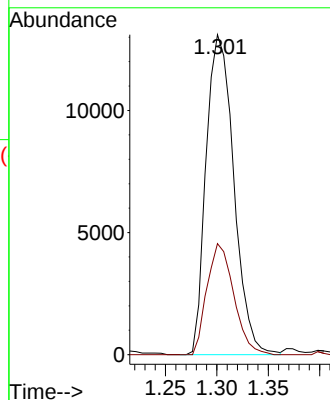
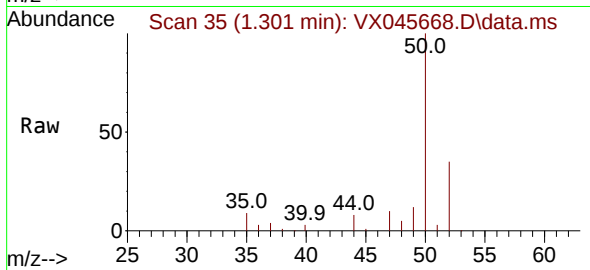
#3
Chloromethane
Concen: 19.078 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion: 50 Resp: 24598
Ion Ratio Lower Upper
50 100
52 34.7 25.9 38.9

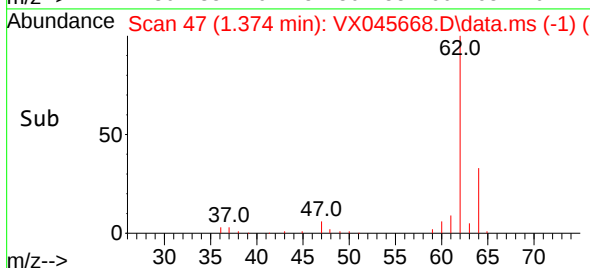
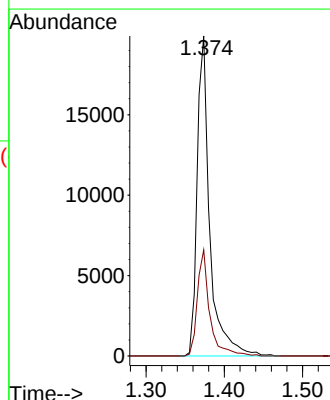
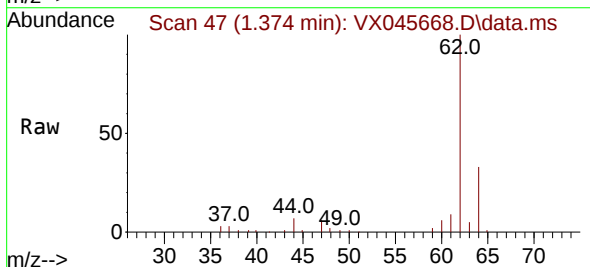
Manual Integrations
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#4
Vinyl Chloride
Concen: 18.856 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

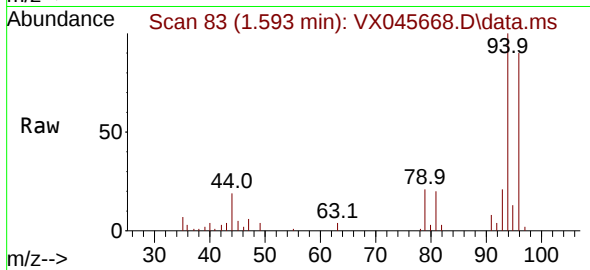
Tgt Ion: 62 Resp: 22249
Ion Ratio Lower Upper
62 100
64 33.1 25.5 38.3





#5
Bromomethane
Concen: 19.193 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

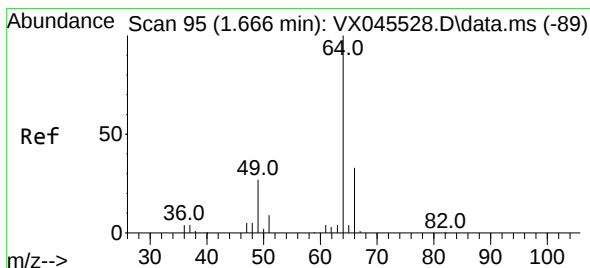
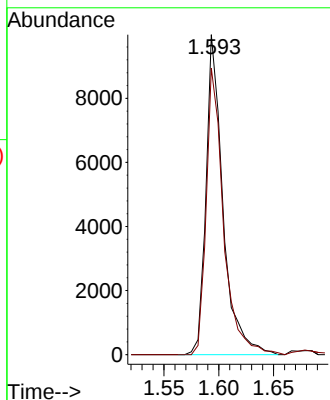
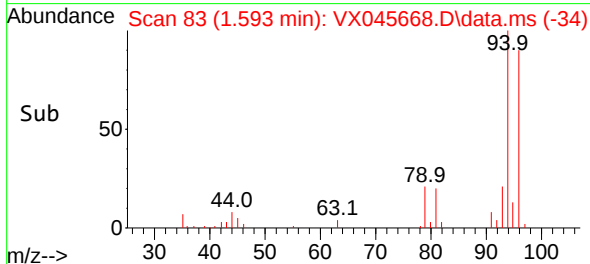
Instrument :
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Tgt Ion: 94 Resp: 10738
Ion Ratio Lower Upper
94 100
96 89.5 74.8 112.2

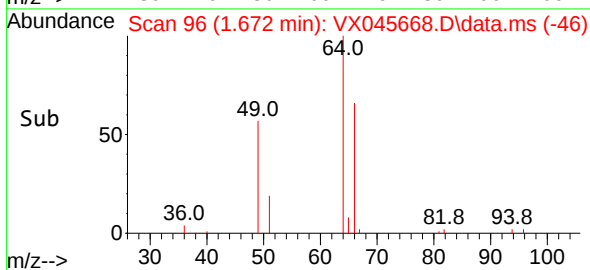
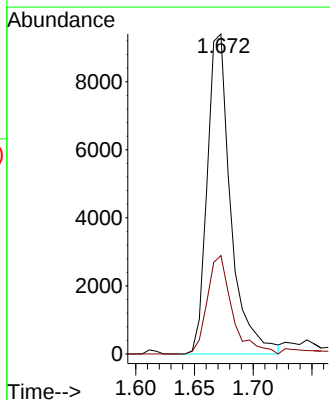
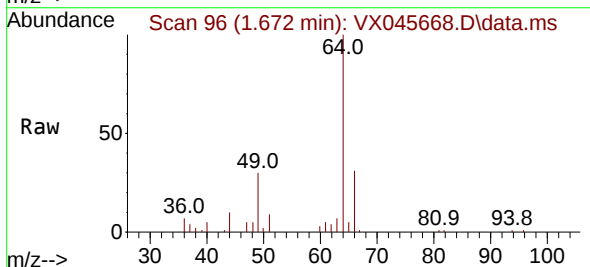
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#6
Chloroethane
Concen: 20.900 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

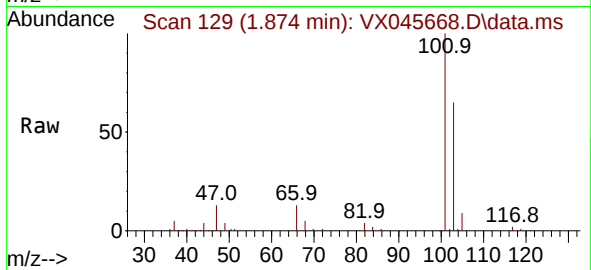
Tgt Ion: 64 Resp: 13084
Ion Ratio Lower Upper
64 100
66 30.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 21.102 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

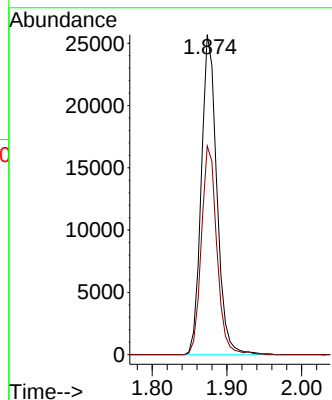
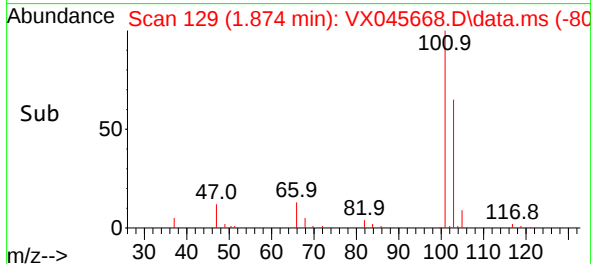
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion:101 Resp: 37130
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7

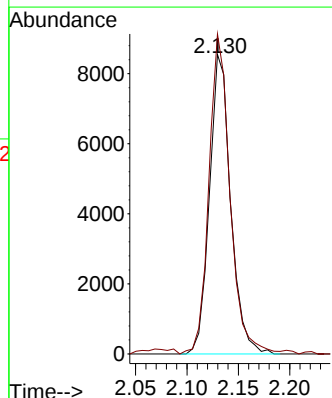
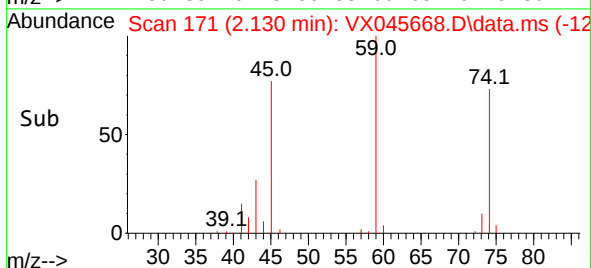
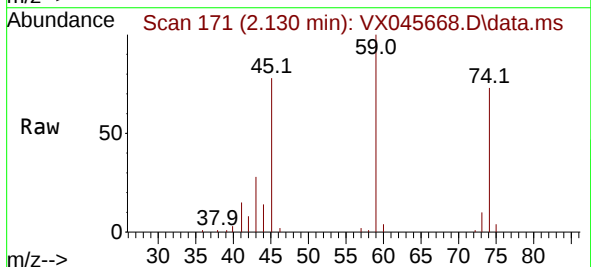
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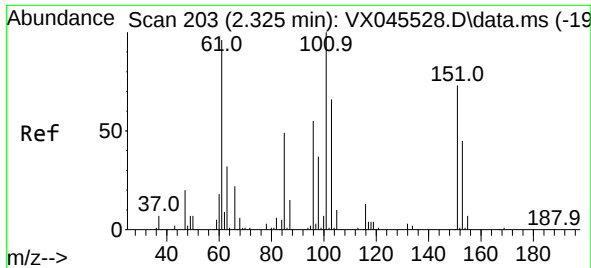
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#8
Diethyl Ether
Concen: 20.801 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045668.D
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Tgt Ion: 74 Resp: 12288
Ion Ratio Lower Upper
74 100
45 106.8 53.0 159.1





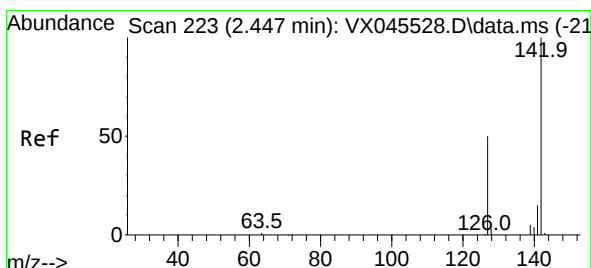
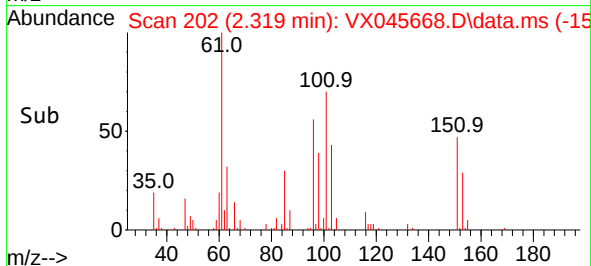
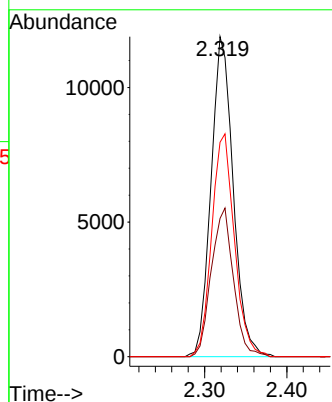
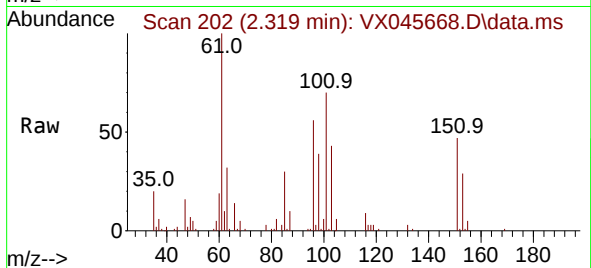
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.613 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion:101 Resp: 22284
Ion Ratio Lower Upper
101 100
85 46.3 38.9 58.3
151 71.2 57.5 86.3

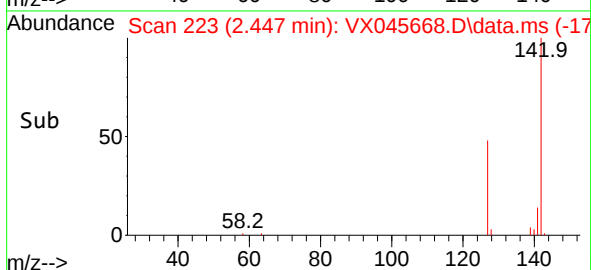
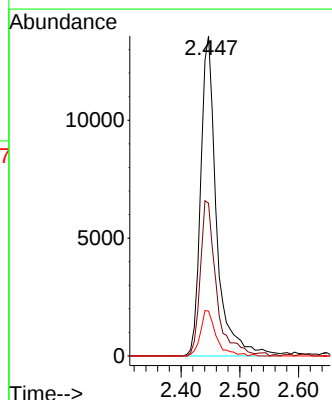
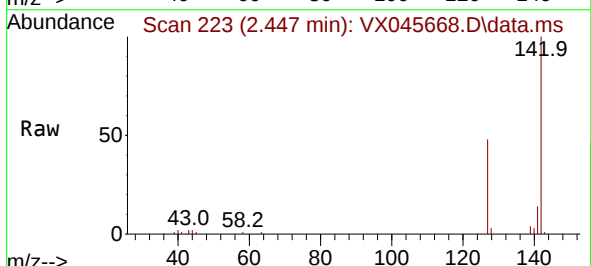
Manual Integrations
APPROVED

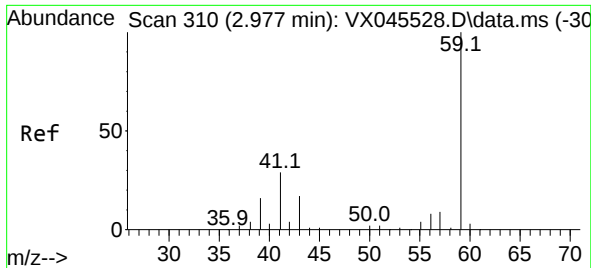
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#10
Methyl Iodide
Concen: 19.781 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

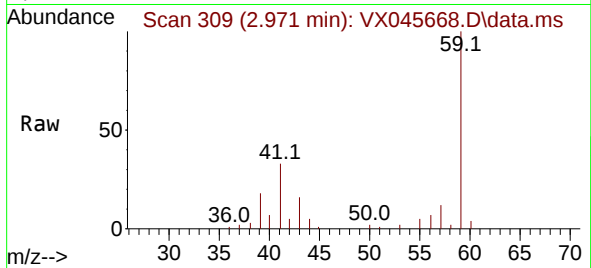
Tgt Ion:142 Resp: 25440
Ion Ratio Lower Upper
142 100
127 49.0 40.2 60.4
141 14.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 104.919 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

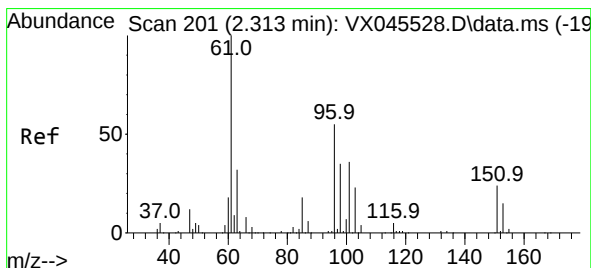
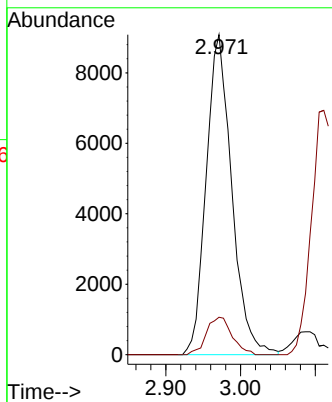
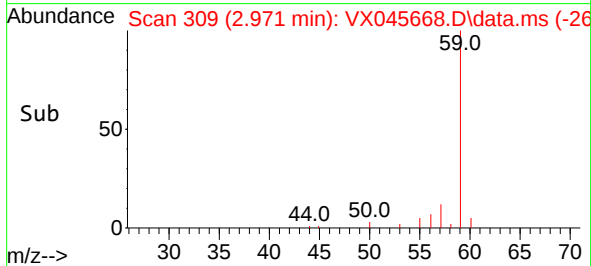
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 59 Resp: 21640
Ion Ratio Lower Upper
59 100
57 11.7 8.6 12.8

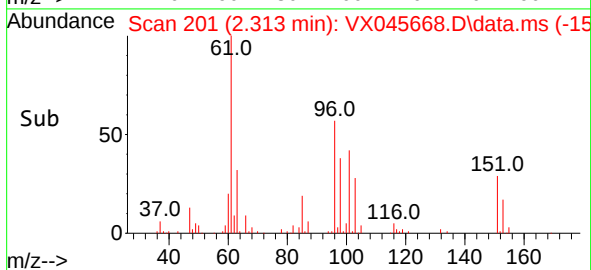
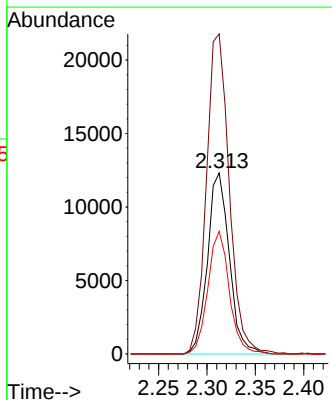
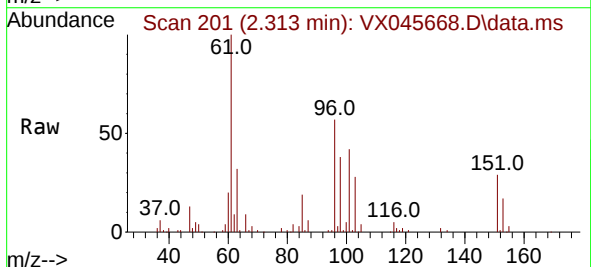
Manual Integrations
APPROVED

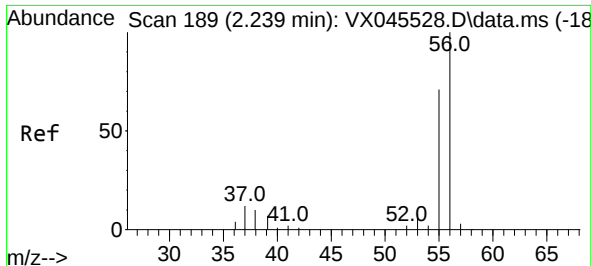
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#12
1,1-Dichloroethene
Concen: 19.240 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

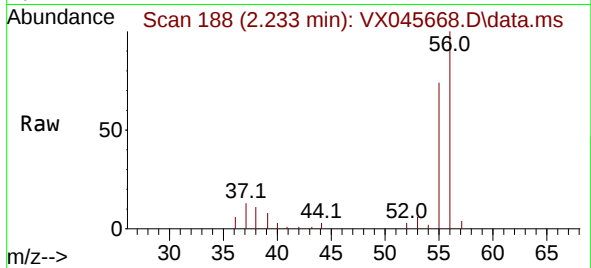
Tgt Ion: 96 Resp: 19384
Ion Ratio Lower Upper
96 100
61 176.9 145.7 218.5
98 67.7 51.6 77.4





#13
Acrolein
Concen: 86.848 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

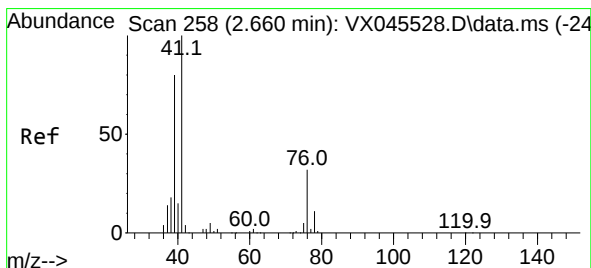
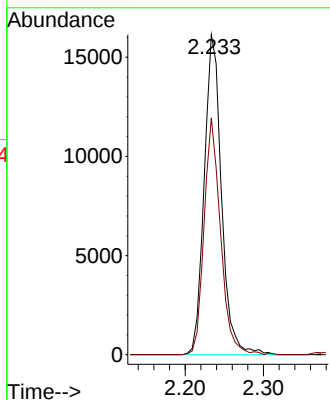
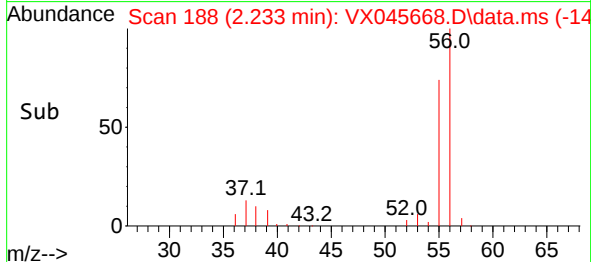
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 56 Resp: 2466
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.2

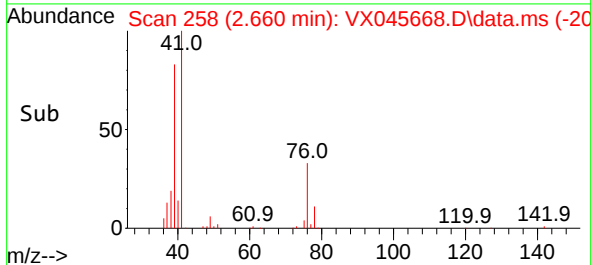
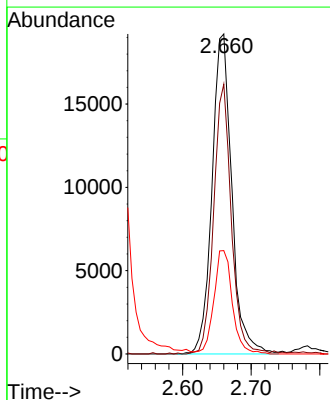
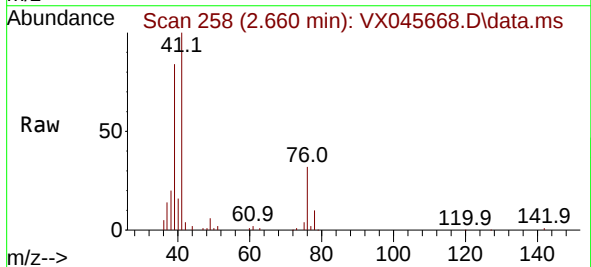
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#14
Allyl chloride
Concen: 20.164 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

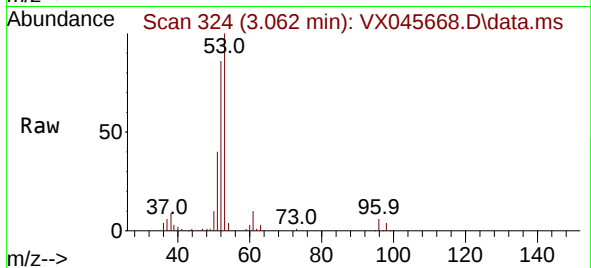
Tgt Ion: 41 Resp: 38545
Ion Ratio Lower Upper
41 100
39 75.2 60.2 90.2
76 30.1 24.6 36.8





#15
Acrylonitrile
Concen: 102.092 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

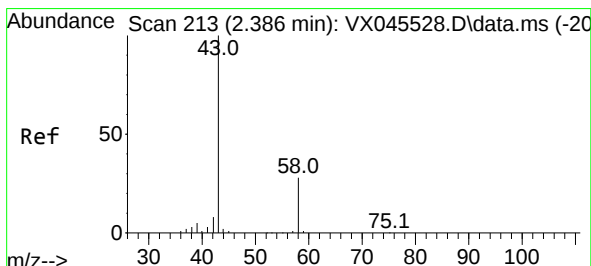
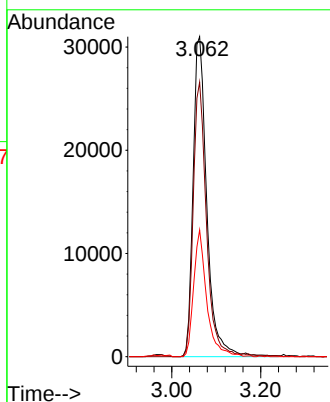
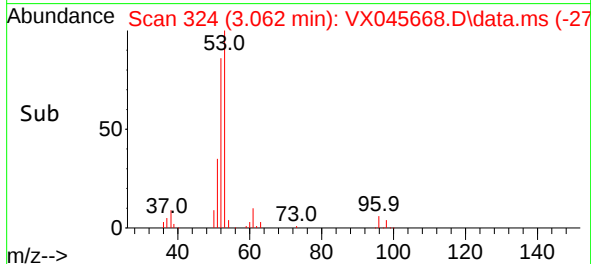
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



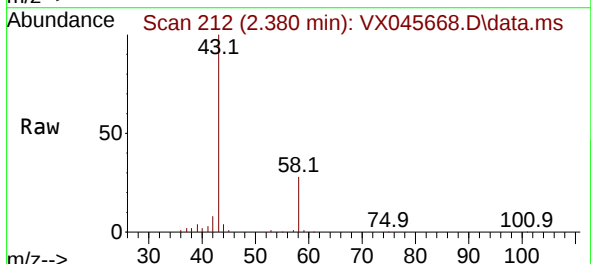
Tgt Ion: 53 Resp: 66469
Ion Ratio Lower Upper
53 100
52 82.2 67.4 101.2
51 37.8 29.9 44.9

Manual Integrations
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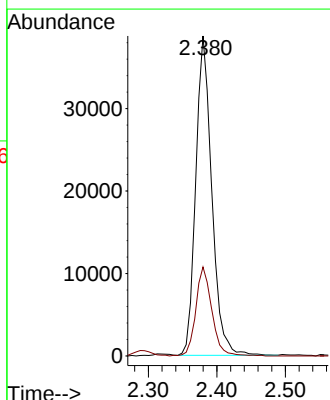
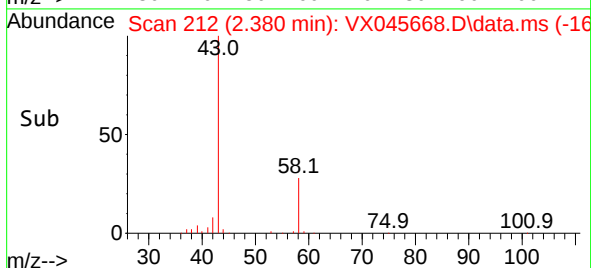
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

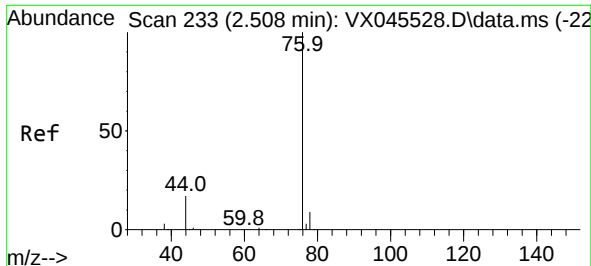


#16
Acetone
Concen: 100.204 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14



Tgt Ion: 43 Resp: 63148
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5





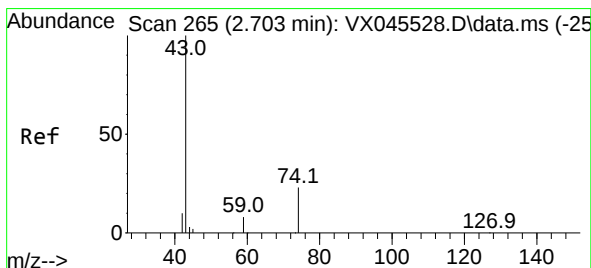
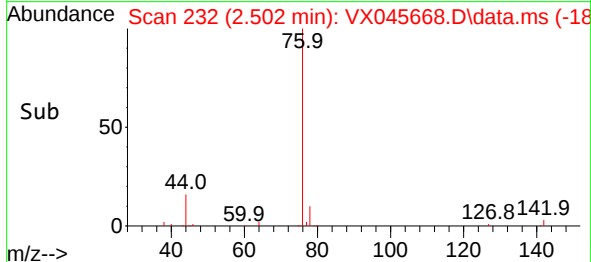
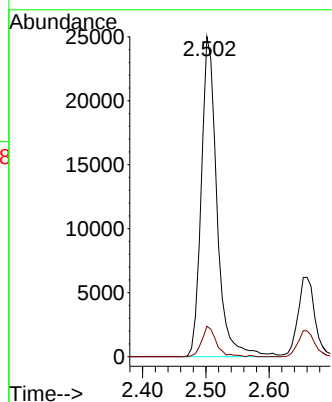
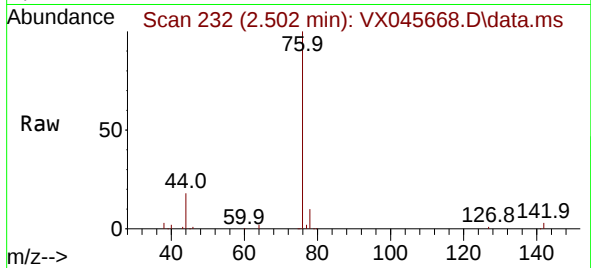
#17
Carbon Disulfide
Concen: 17.385 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion: 76 Resp: 43259
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

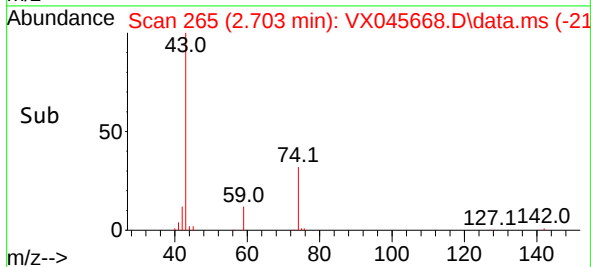
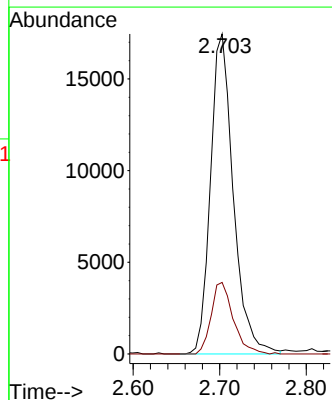
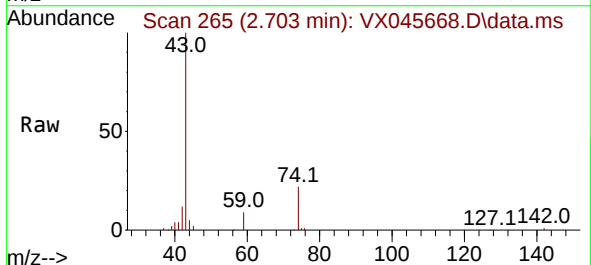
Manual Integrations
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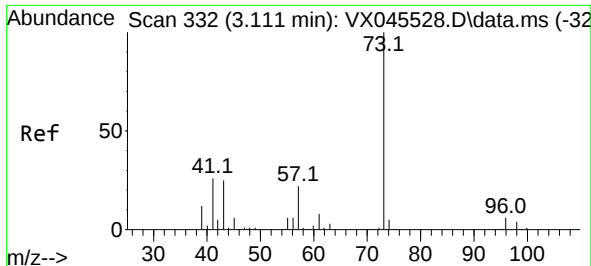
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#18
Methyl Acetate
Concen: 22.055 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

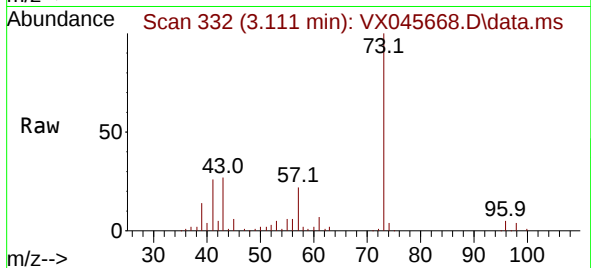
Tgt Ion: 43 Resp: 32001
Ion Ratio Lower Upper
43 100
74 21.6 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 21.058 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

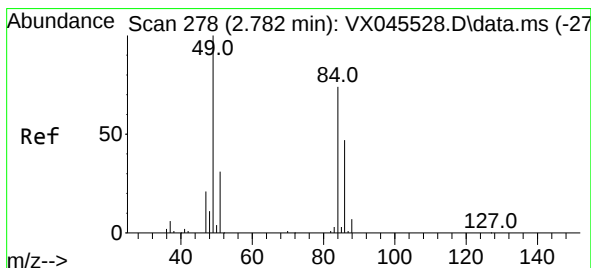
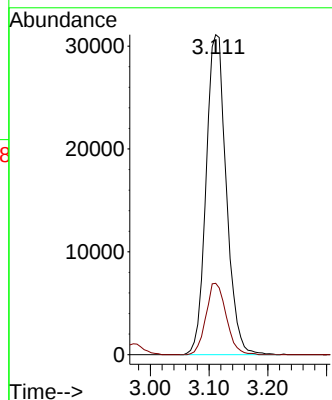
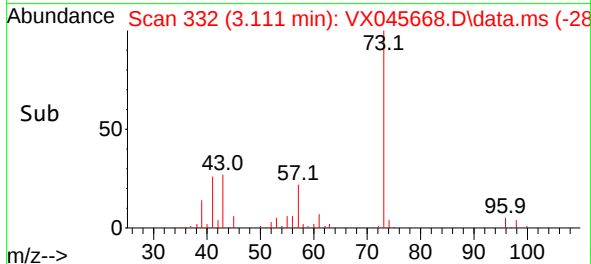
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 73 Resp: 74214
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

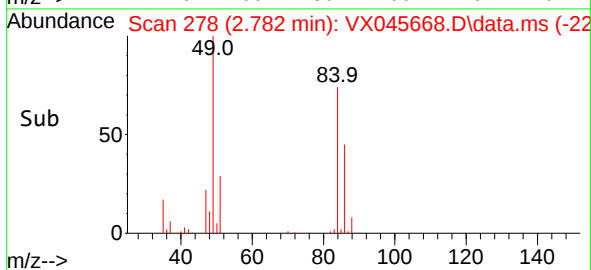
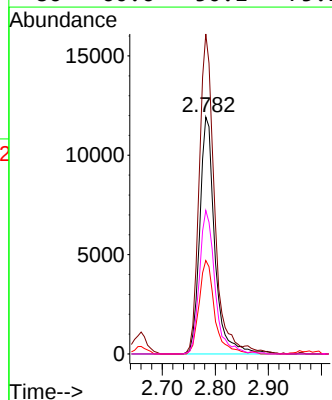
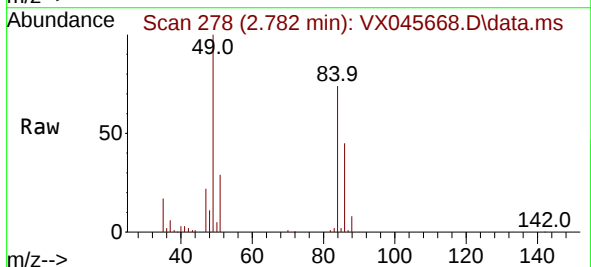
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#20
Methylene Chloride
Concen: 20.028 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

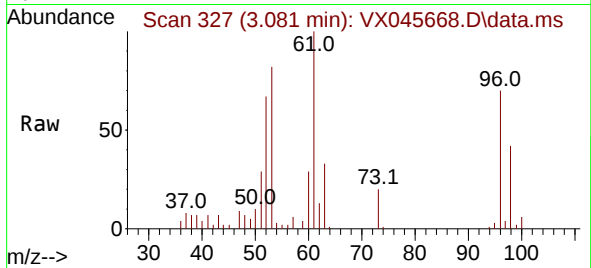
Tgt Ion: 84 Resp: 23629
Ion Ratio Lower Upper
84 100
49 135.0 107.5 161.3
51 39.4 33.0 49.6
86 60.6 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 19.927 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

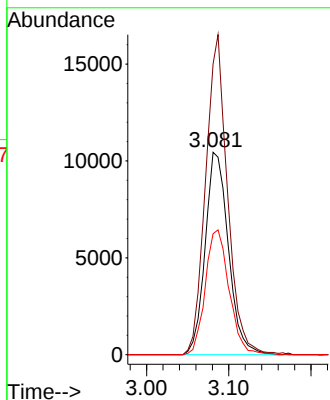
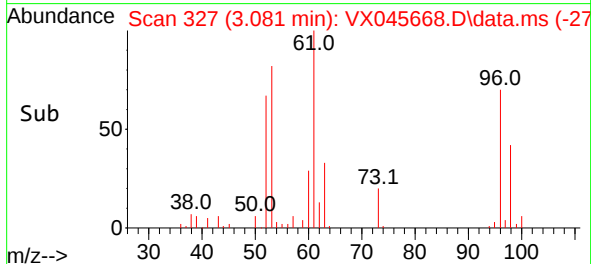
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 96 Resp: 20510
Ion Ratio Lower Upper
96 100
61 143.6 121.0 181.6
98 59.8 49.7 74.5

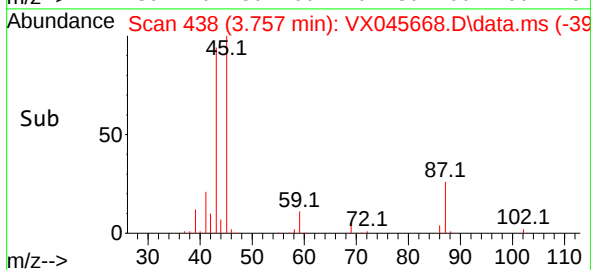
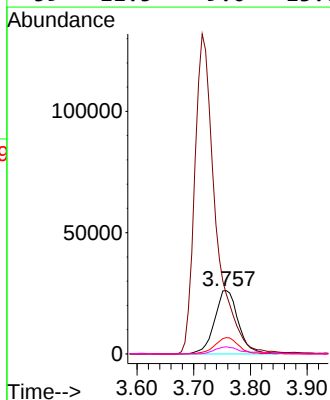
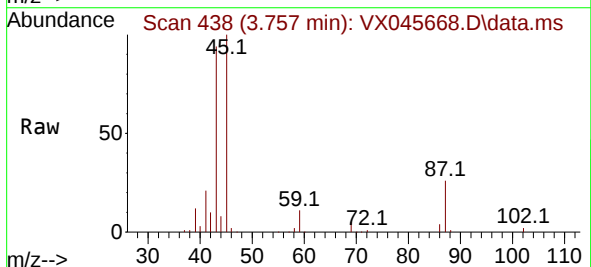
Manual Integrations
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Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#22
Diisopropyl ether
Concen: 20.192 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

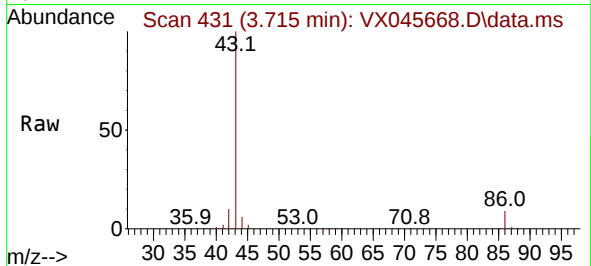
Tgt Ion: 45 Resp: 76032
Ion Ratio Lower Upper
45 100
43 93.6 59.3 88.9#
87 25.8 20.4 30.6
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 103.736 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045668.D
 Acq: 09 Apr 2025 12:14

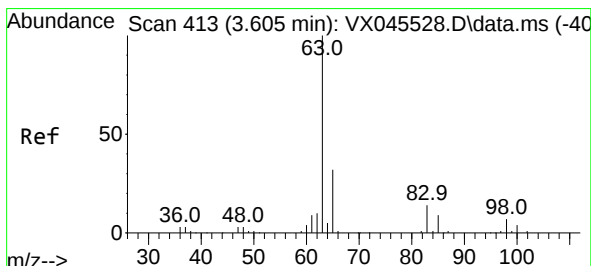
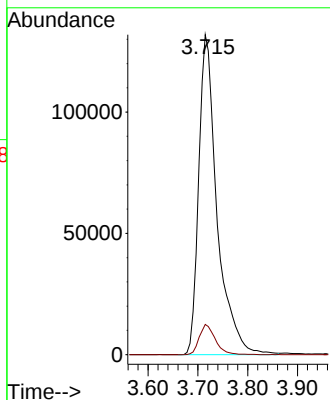
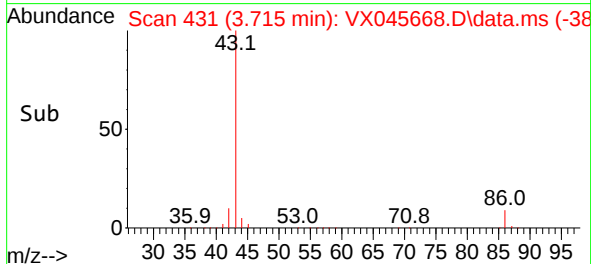
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01



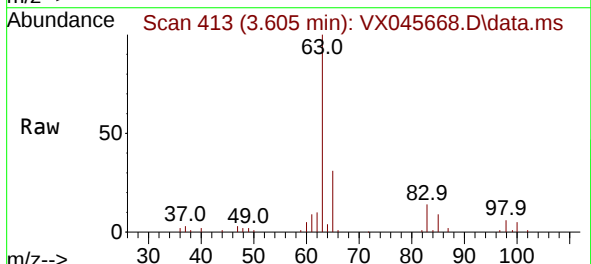
Tgt Ion: 43 Resp: 33749
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

Manual Integrations
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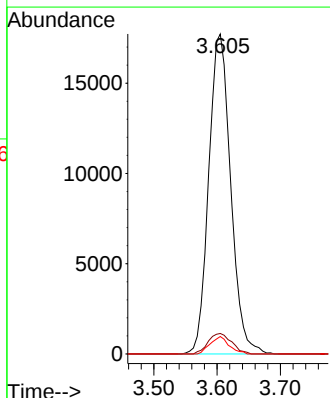
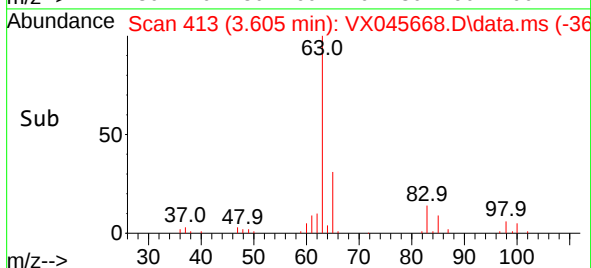
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

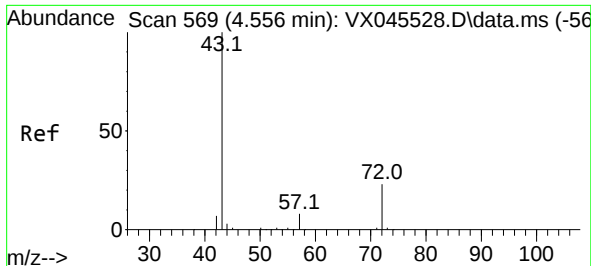


#24
 1,1-Dichloroethane
 Concen: 20.064 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045668.D
 Acq: 09 Apr 2025 12:14



Tgt Ion: 63 Resp: 42727
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 5.4 2.2 6.6





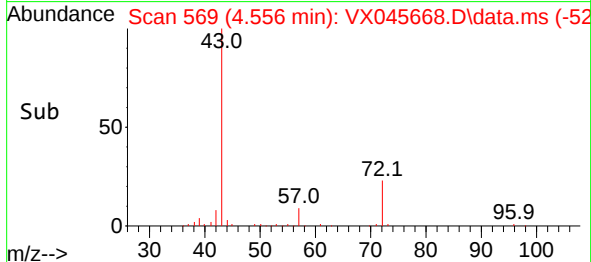
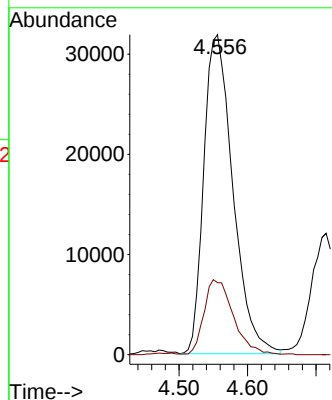
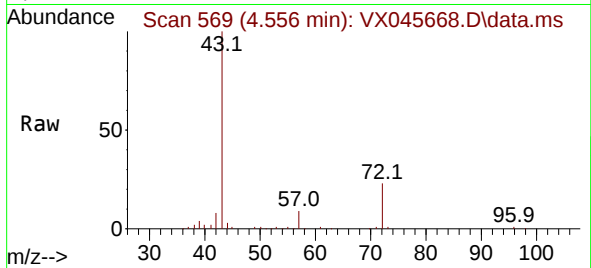
#25
2-Butanone
Concen: 101.897 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion: 43 Resp: 93998
Ion Ratio Lower Upper
43 100
72 22.4 18.6 28.0

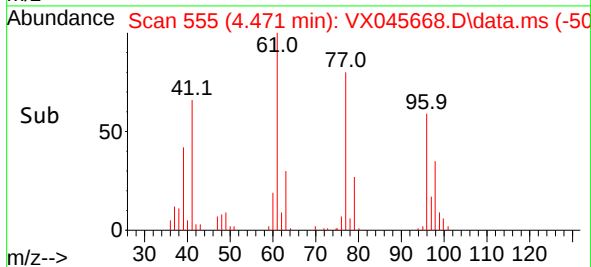
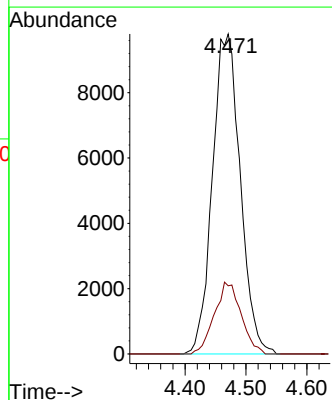
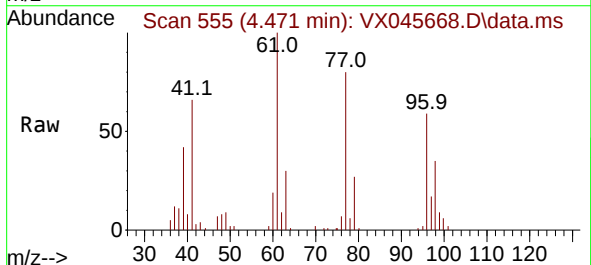
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#26
2,2-Dichloropropane
Concen: 22.593 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Tgt Ion: 77 Resp: 31085
Ion Ratio Lower Upper
77 100
97 21.5 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 19.727 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

Tgt Ion: 96 Resp: 24738

Ion Ratio Lower Upper

96 100

61 161.1 0.0 313.2

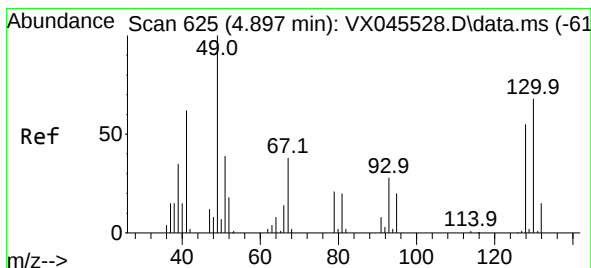
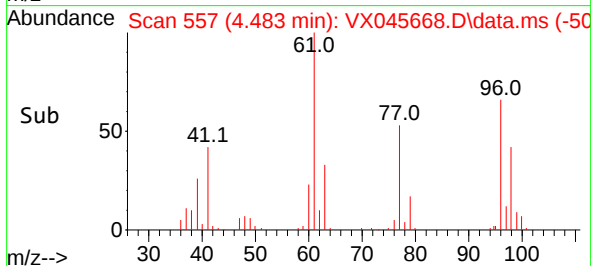
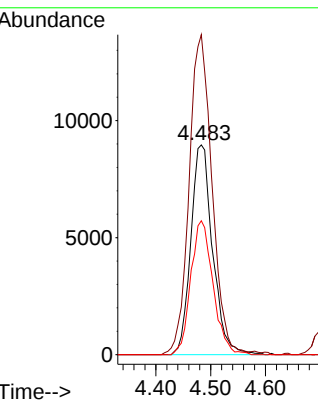
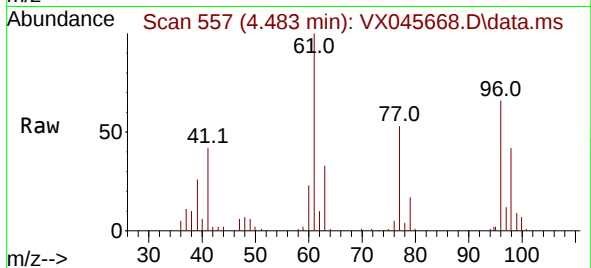
98 65.2 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#28

Bromochloromethane

Concen: 22.295 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

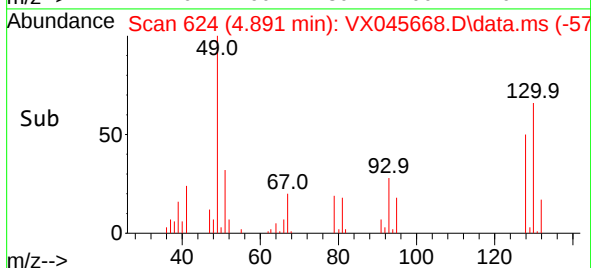
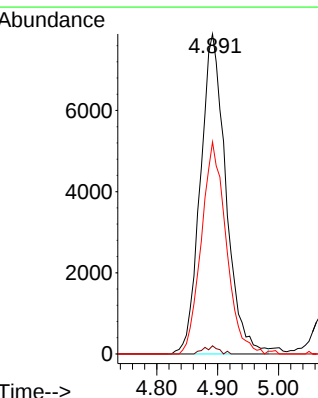
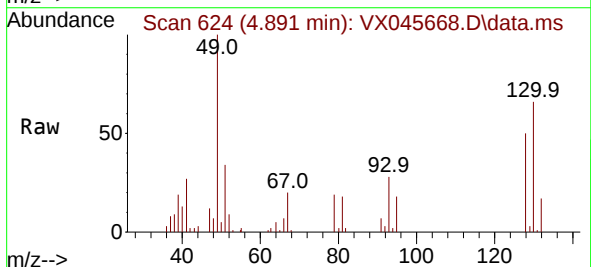
Tgt Ion: 49 Resp: 22944

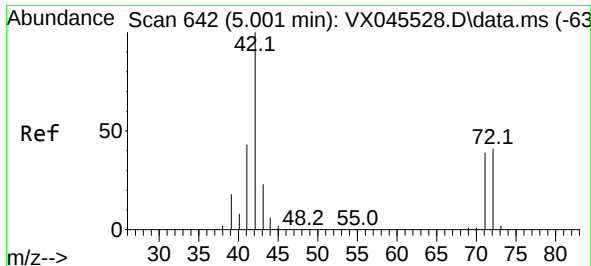
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

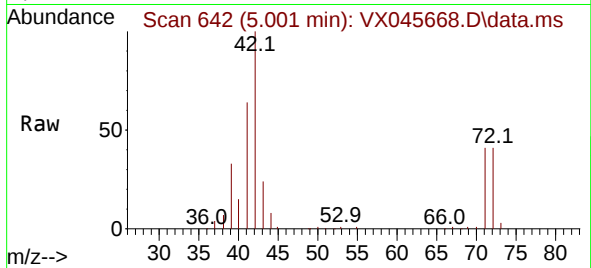
130 64.3 54.6 81.8





#29
Tetrahydrofuran
Concen: 101.509 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

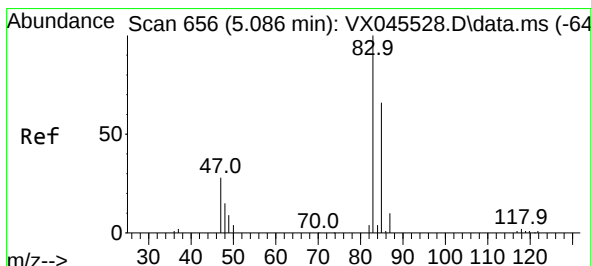
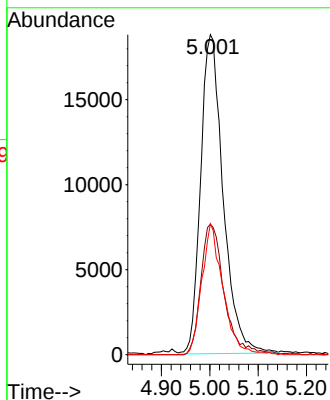
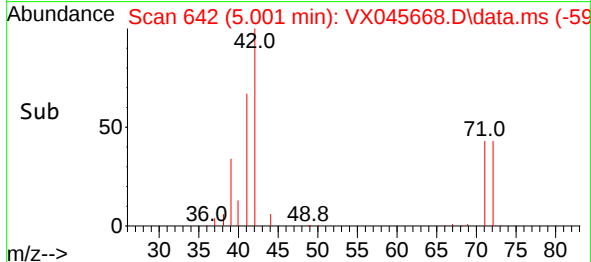
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 42 Resp: 60710
Ion Ratio Lower Upper
42 100
72 42.4 33.4 50.0
71 38.7 31.4 47.0

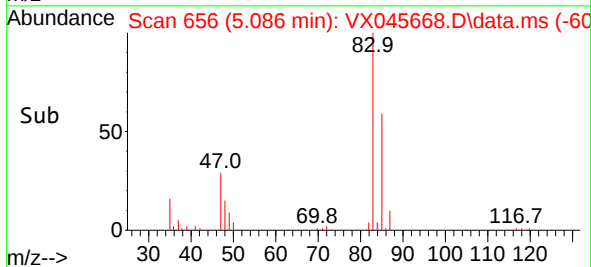
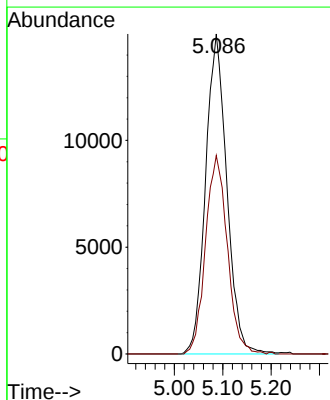
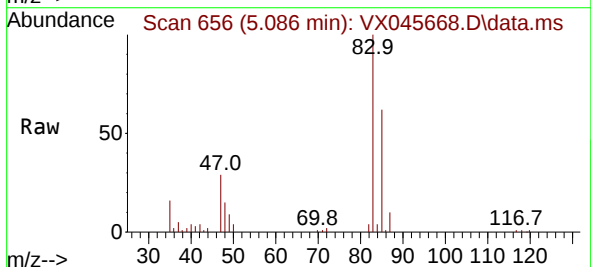
Manual Integrations
APPROVED

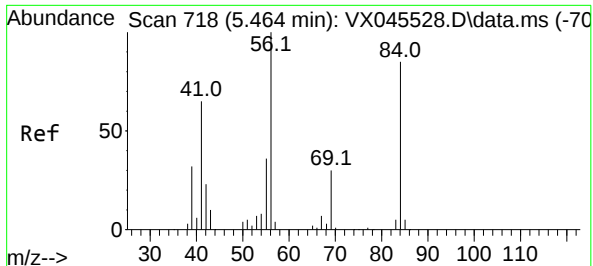
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#30
Chloroform
Concen: 20.818 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

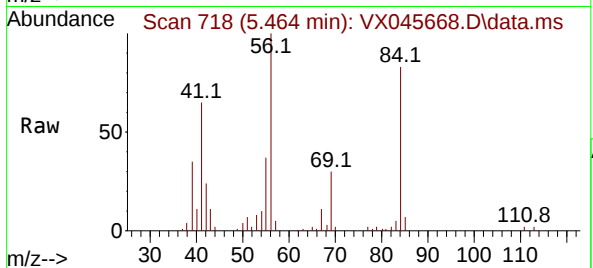
Tgt Ion: 83 Resp: 45617
Ion Ratio Lower Upper
83 100
85 62.0 52.8 79.2





#31
Cyclohexane
Concen: 19.636 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

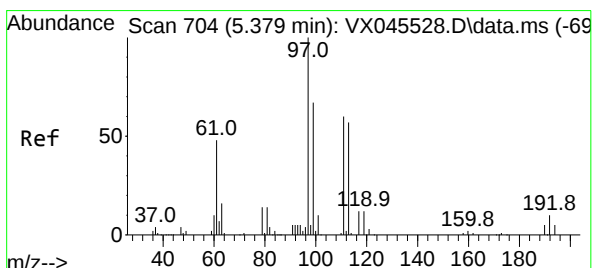
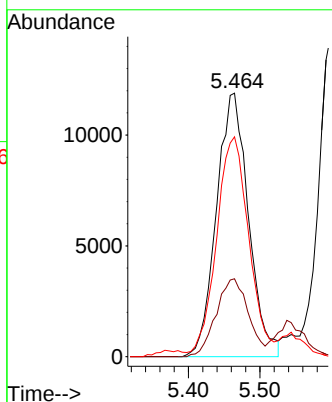
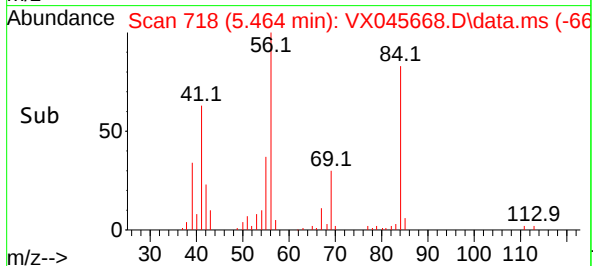
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 56 Resp: 3696
Ion Ratio Lower Upper
56 100
69 29.6 23.6 35.4
84 81.2 67.7 101.5

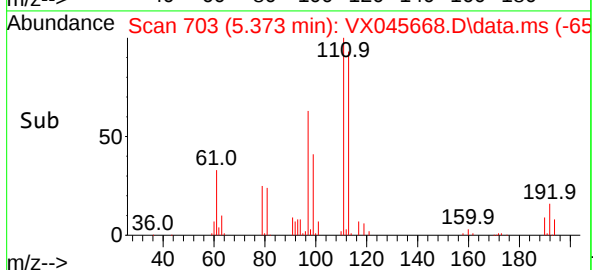
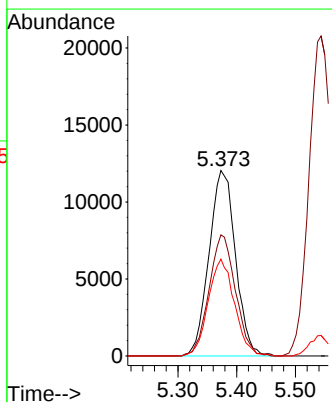
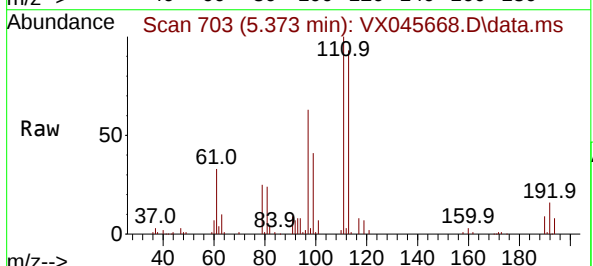
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#32
1,1,1-Trichloroethane
Concen: 20.330 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Tgt Ion: 97 Resp: 37694
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 51.7 41.0 61.4





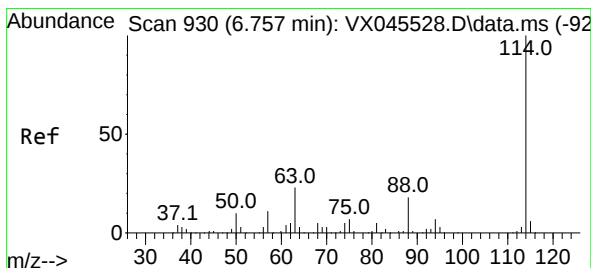
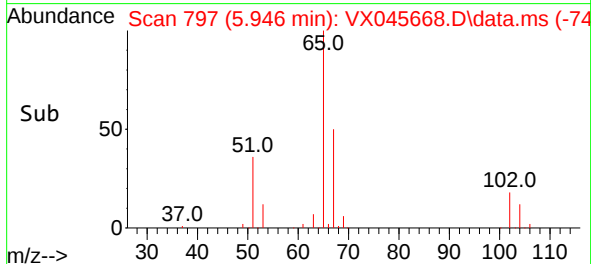
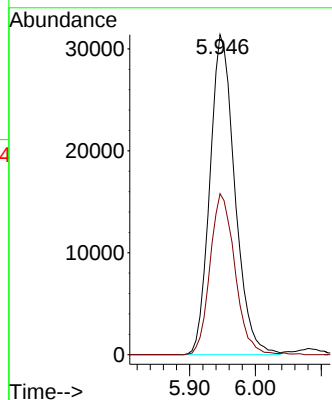
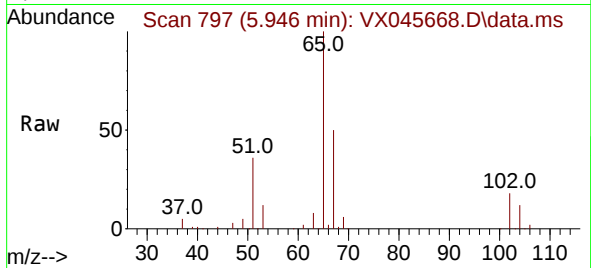
#33
 1,2-Dichloroethane-d4
 Concen: 54.134 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045668.D
 Acq: 09 Apr 2025 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

Tgt Ion: 65 Resp: 8308
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.0

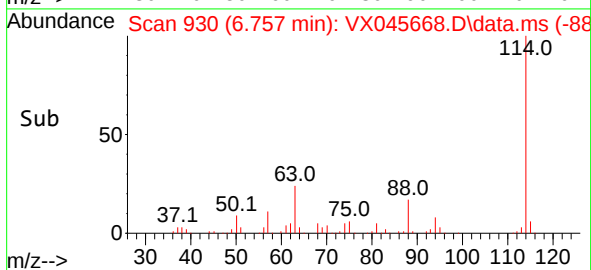
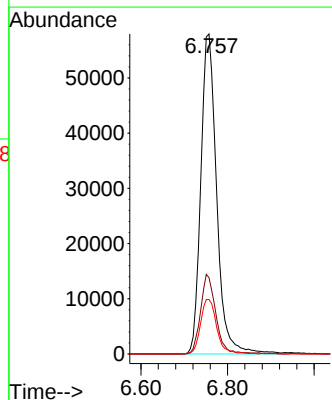
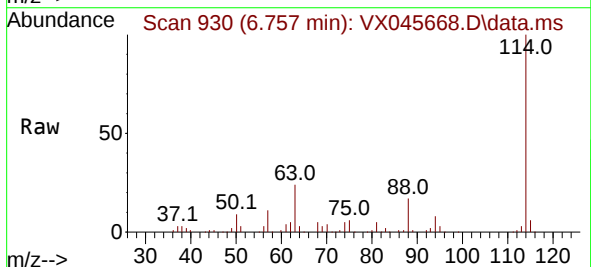
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045668.D
 Acq: 09 Apr 2025 12:14

Tgt Ion:114 Resp: 147335
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.8
 88 17.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 53.786 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

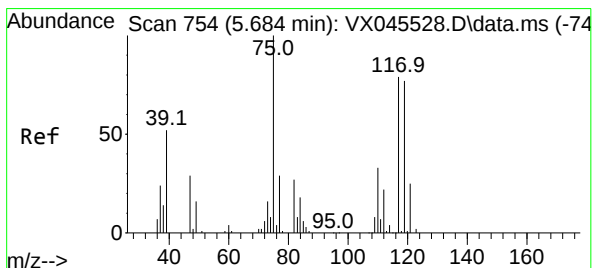
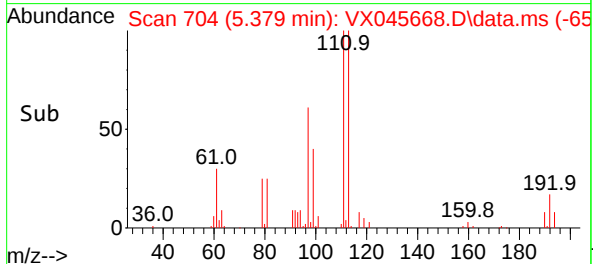
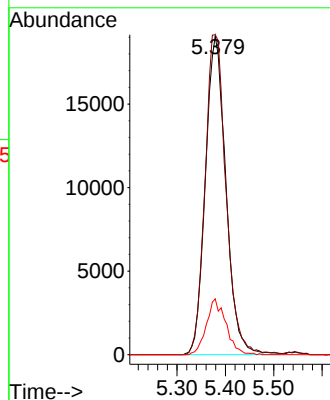
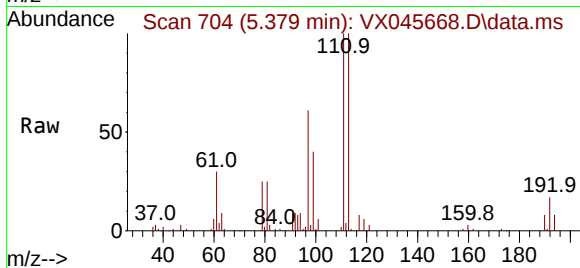
Tgt Ion:	113	Resp:	5622
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.8	122.6
192	16.7	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#36

1,1-Dichloropropene

Concen: 20.666 ug/l

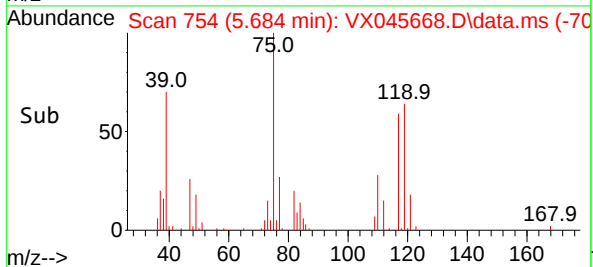
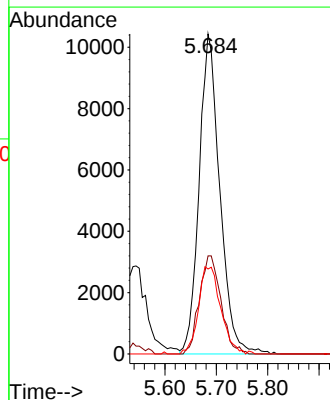
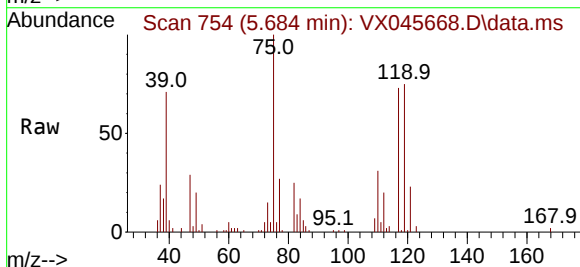
RT: 5.684 min Scan# 754

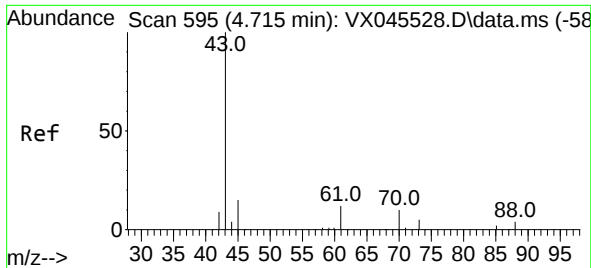
Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

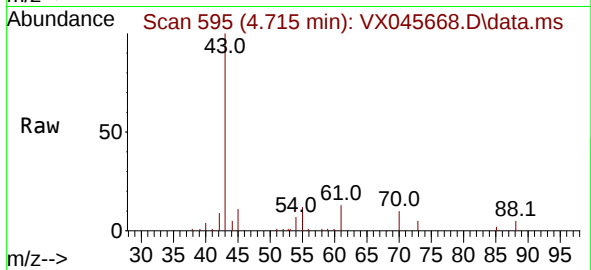
Tgt Ion:	75	Resp:	29168
Ion Ratio	Lower	Upper	
75	100		
110	32.0	16.9	50.6
77	29.3	25.0	37.4





#37
Ethyl Acetate
Concen: 19.826 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

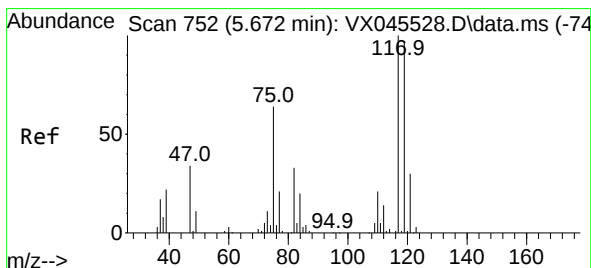
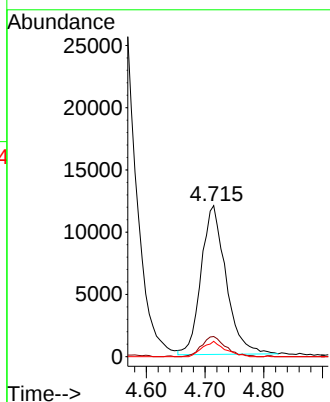
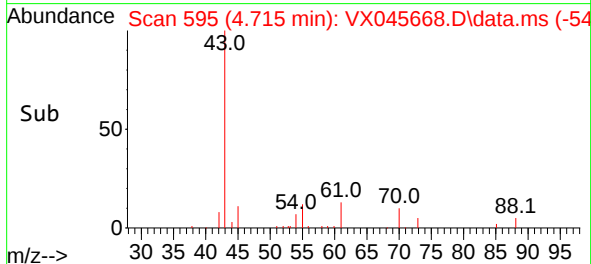
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 43 Resp: 3526
Ion Ratio Lower Upper
43 100
61 13.0 9.9 14.9
70 9.3 7.5 11.3

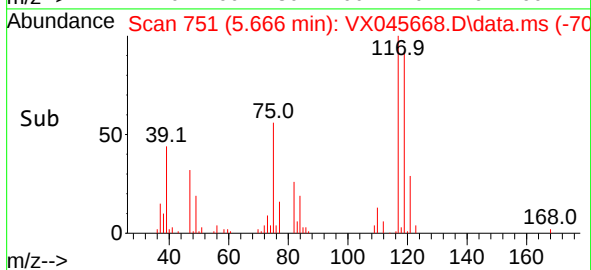
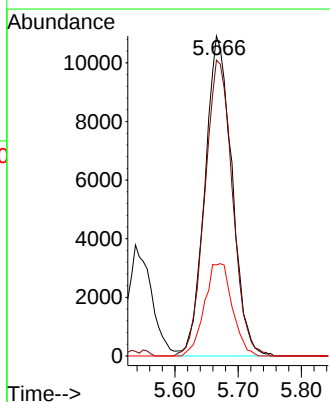
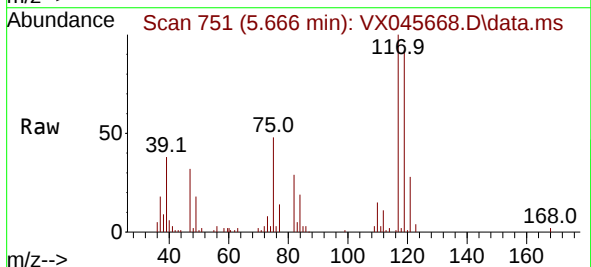
Manual Integrations
APPROVED

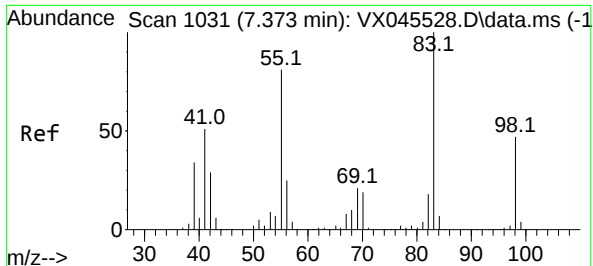
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#38
Carbon Tetrachloride
Concen: 21.177 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Tgt Ion:117 Resp: 32304
Ion Ratio Lower Upper
117 100
119 92.5 76.9 115.3
121 28.4 24.2 36.2





#39

Methylcyclohexane

Concen: 20.914 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

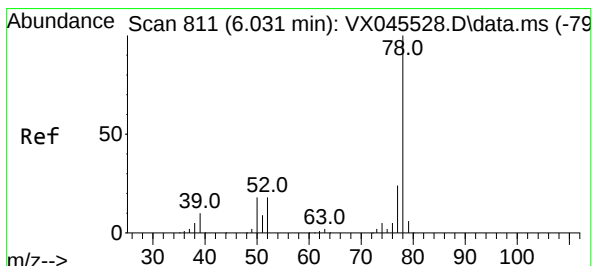
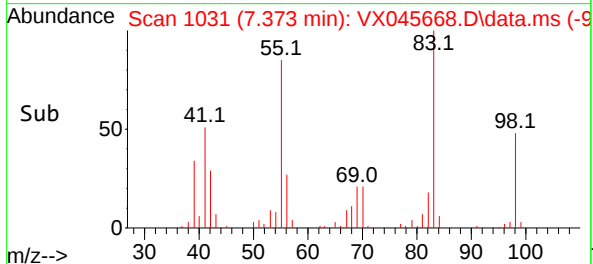
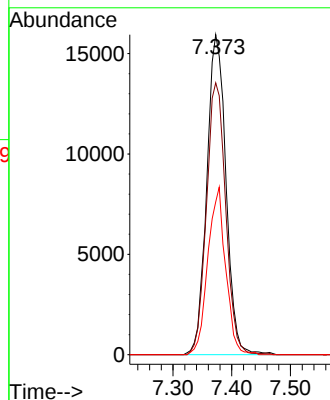
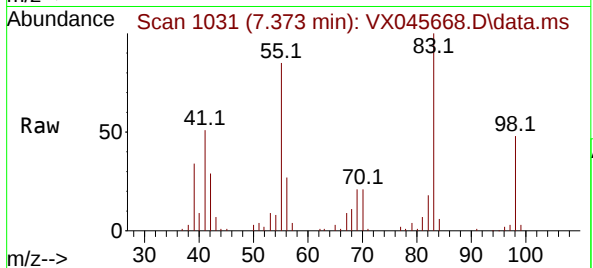
Tgt Ion: 83	Resp: 36184
Ion Ratio	Lower Upper
83 100	
55 85.0	64.9 97.3
98 47.8	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#40

Benzene

Concen: 20.434 ug/l

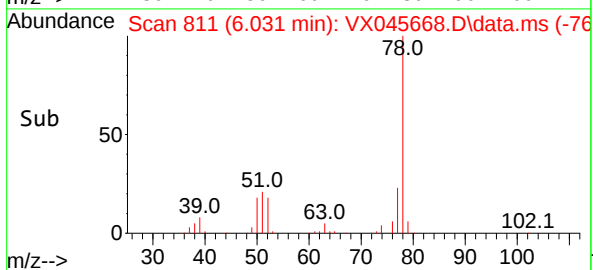
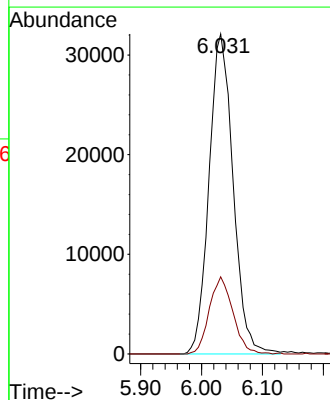
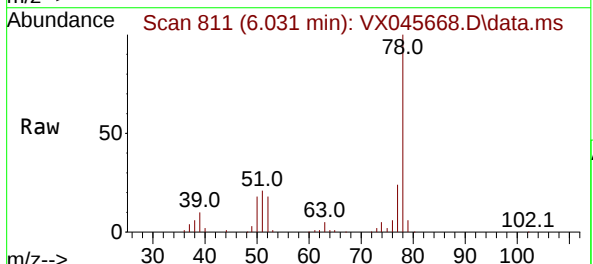
RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

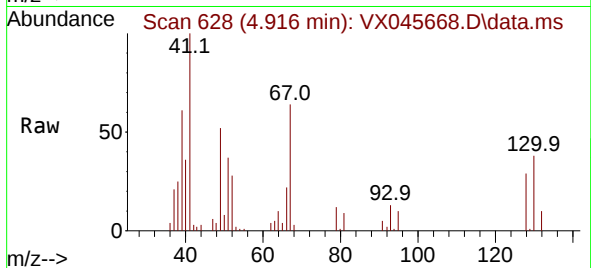
Tgt Ion: 78	Resp: 88084
Ion Ratio	Lower Upper
78 100	
77 24.1	19.0 28.6





#41
Methacrylonitrile
Concen: 21.231 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

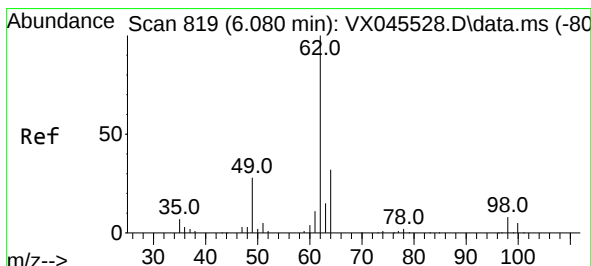
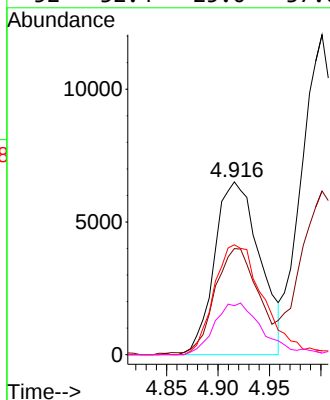
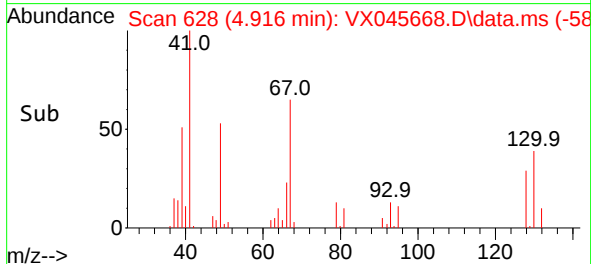
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 41 Resp: 1992
Ion Ratio Lower Upper
41 100
39 58.5 47.0 70.6
67 69.6 53.2 79.8
52 32.4 25.0 37.6

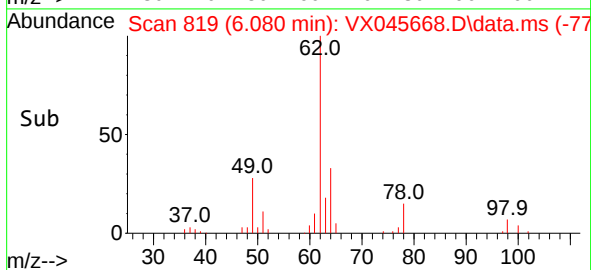
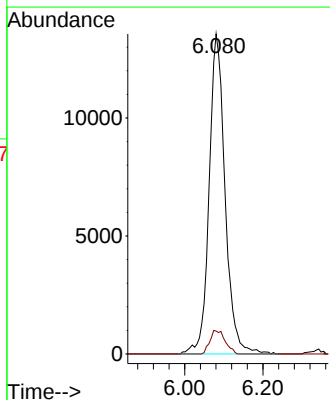
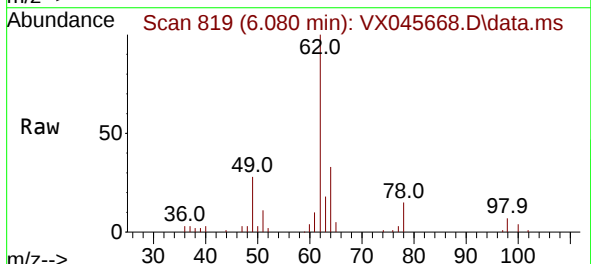
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#42
1,2-Dichloroethane
Concen: 21.527 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

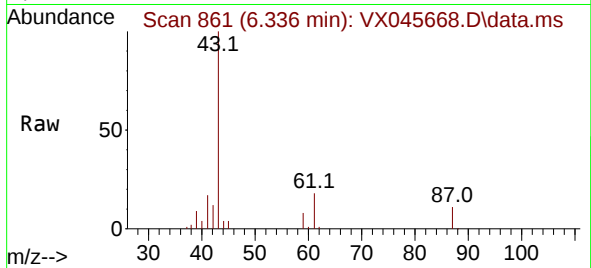
Tgt Ion: 62 Resp: 38327
Ion Ratio Lower Upper
62 100
98 7.0 0.0 15.2





#43
Isopropyl Acetate
Concen: 21.025 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

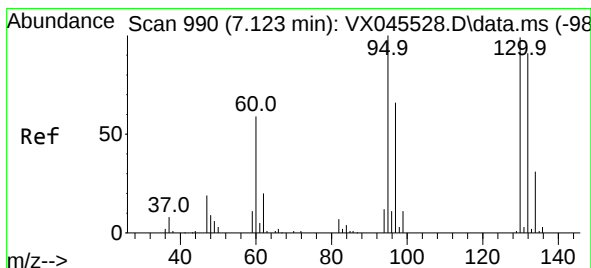
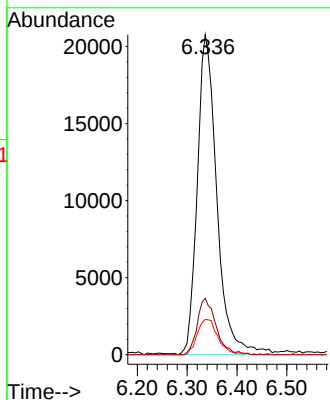
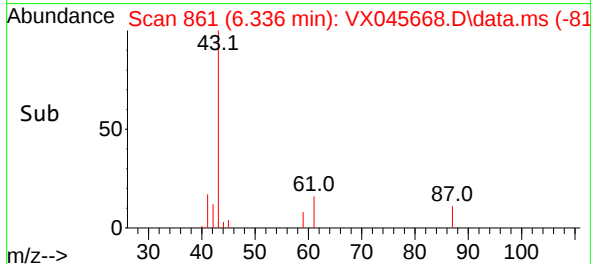
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 43 Resp: 56680
Ion Ratio Lower Upper
43 100
61 16.9 14.1 21.1
87 11.7 9.2 13.8

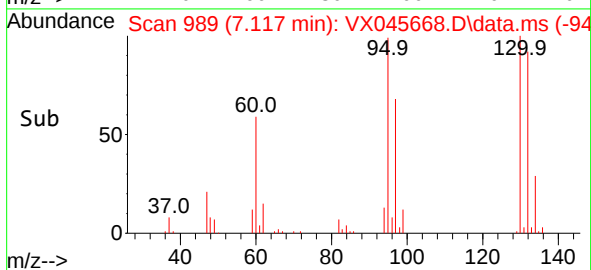
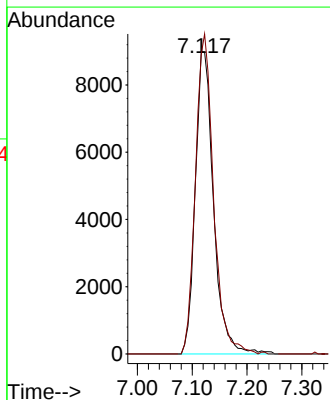
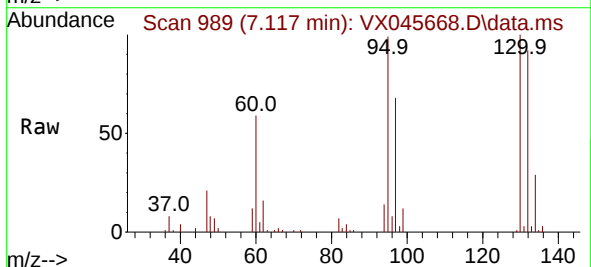
Manual Integrations
APPROVED

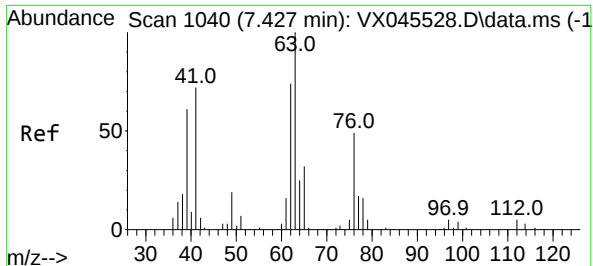
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#44
Trichloroethene
Concen: 20.359 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Tgt Ion:130 Resp: 20859
Ion Ratio Lower Upper
130 100
95 99.0 0.0 202.0





#45

1,2-Dichloropropane

Concen: 20.787 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

Tgt Ion: 63 Resp: 2235

Ion Ratio Lower Upper

63 100

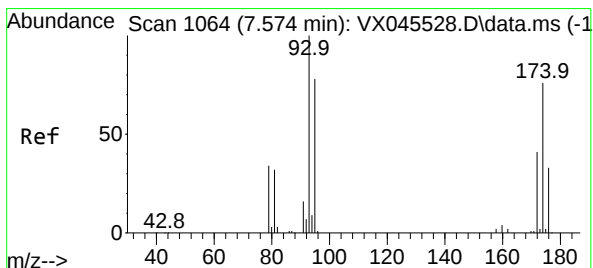
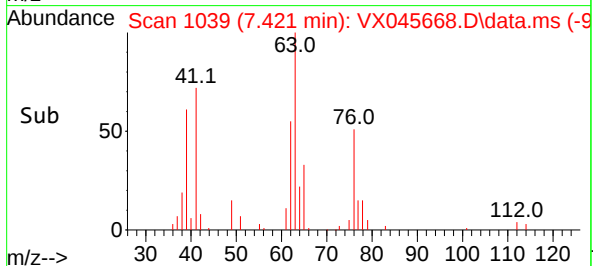
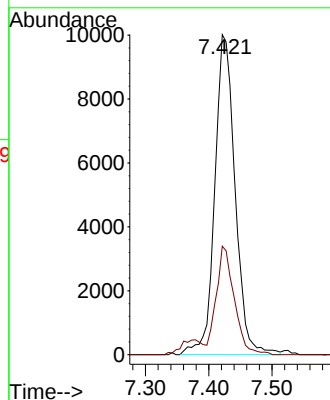
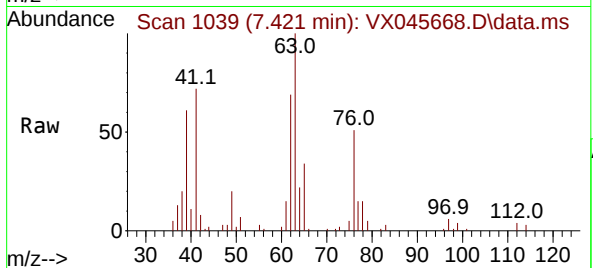
65 33.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#46

Dibromomethane

Concen: 20.962 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

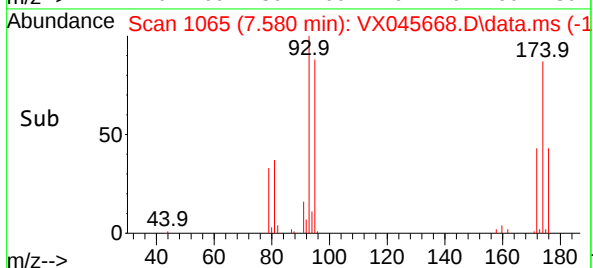
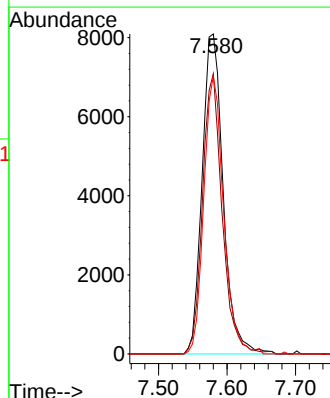
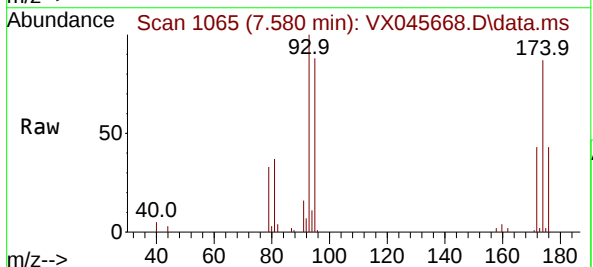
Tgt Ion: 93 Resp: 17307

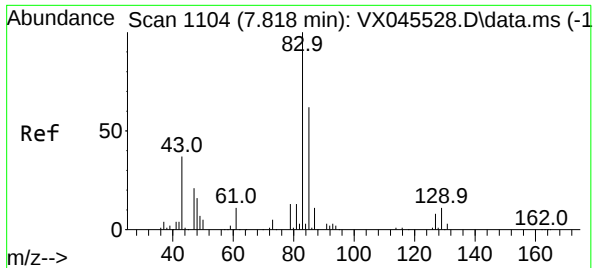
Ion Ratio Lower Upper

93 100

95 82.0 64.8 97.2

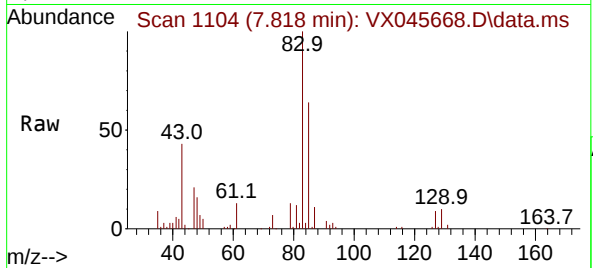
174 82.1 65.4 98.0





#47
Bromodichloromethane
Concen: 21.045 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

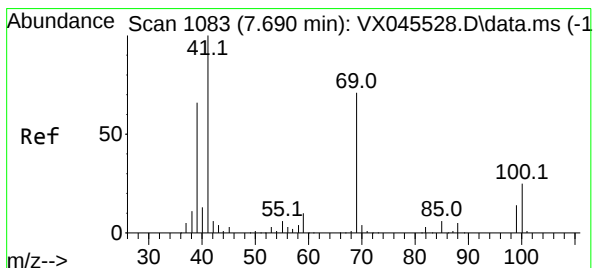
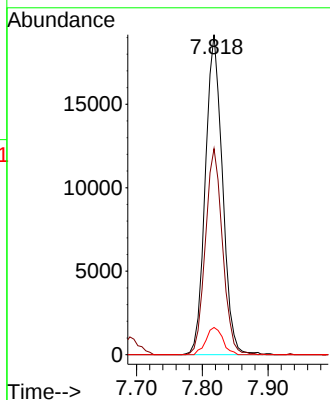
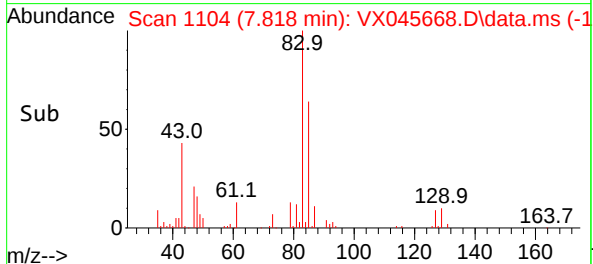
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 83 Resp: 34699
Ion Ratio Lower Upper
83 100
85 64.4 49.7 74.5
127 8.5 6.1 9.1

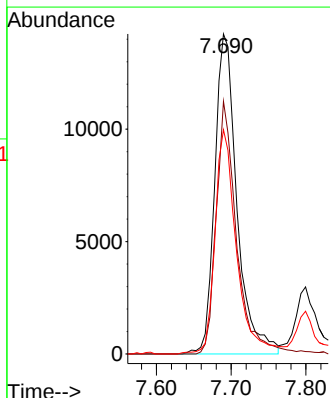
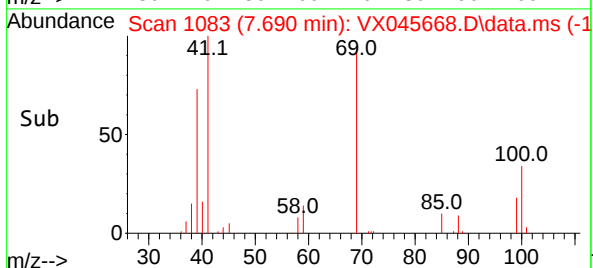
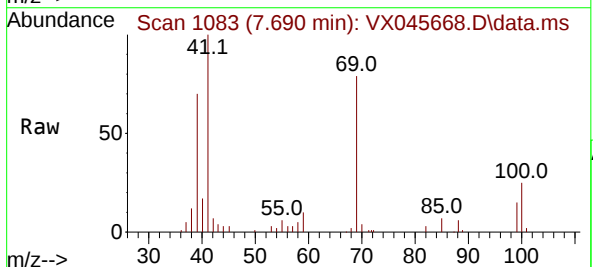
Manual Integrations
APPROVED

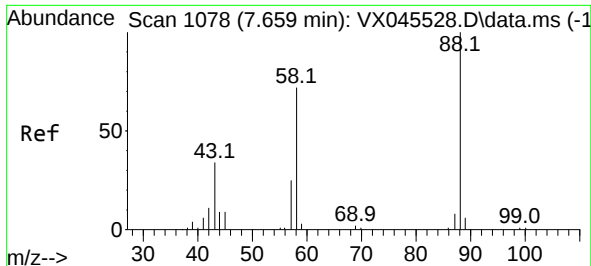
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#48
Methyl methacrylate
Concen: 21.165 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

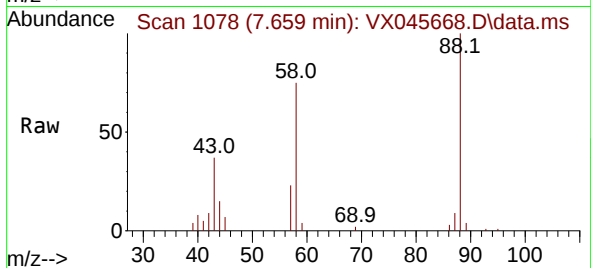
Tgt Ion: 41 Resp: 29460
Ion Ratio Lower Upper
41 100
69 73.1 58.2 87.2
39 67.9 53.6 80.4





#49
1,4-Dioxane
Concen: 477.420 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

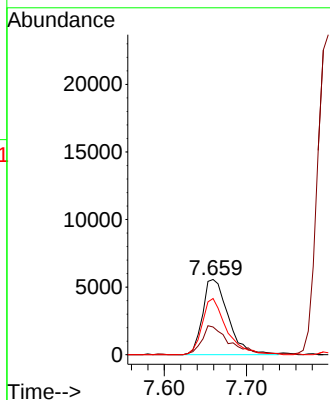
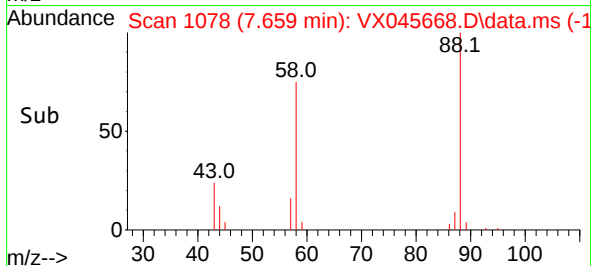
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 88 Resp: 1202
Ion Ratio Lower Upper
88 100
43 41.7 32.2 48.4
58 71.1 58.6 88.0

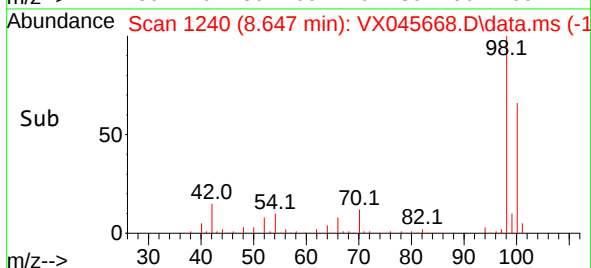
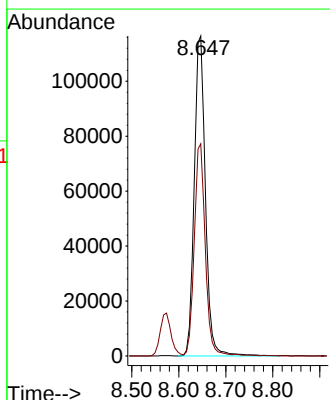
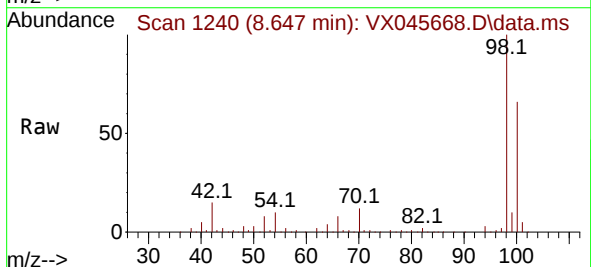
Manual Integrations
APPROVED

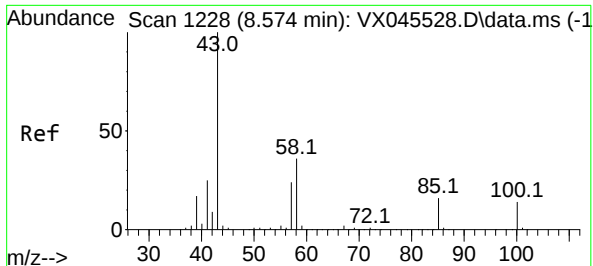
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#50
Toluene-d8
Concen: 53.066 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

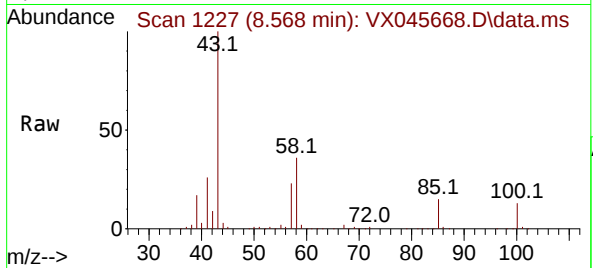
Tgt Ion: 98 Resp: 193619
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 108.215 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

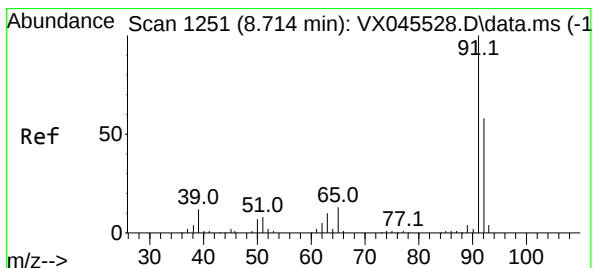
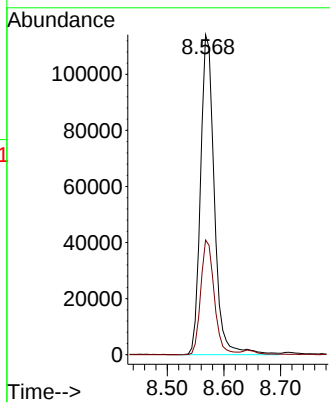
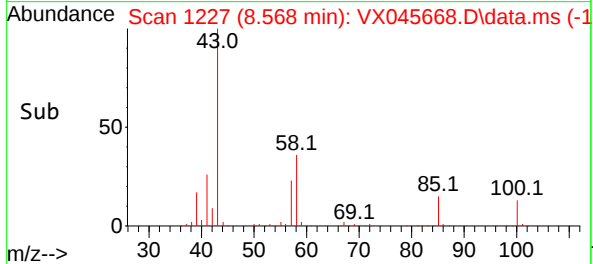
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 43 Resp: 193392
Ion Ratio Lower Upper
43 100
58 35.2 28.5 42.7

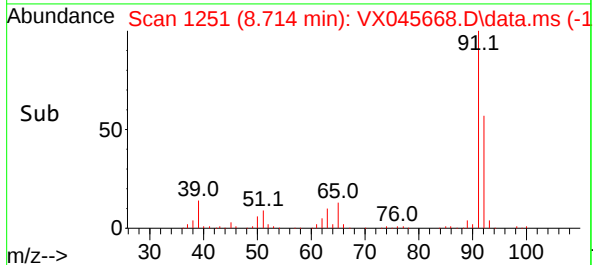
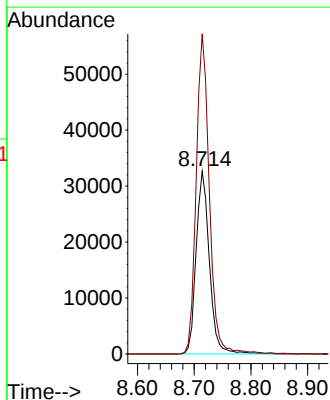
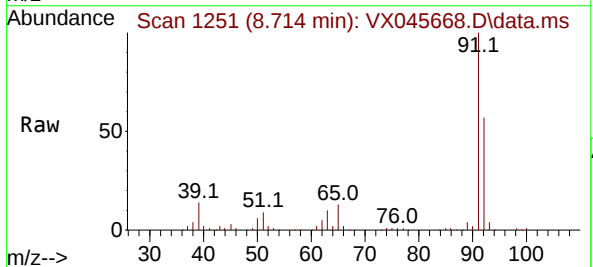
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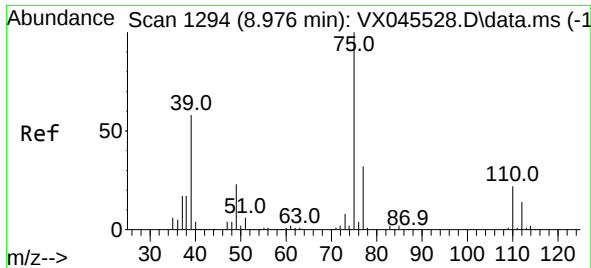
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#52
Toluene
Concen: 20.338 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Tgt Ion: 92 Resp: 53050
Ion Ratio Lower Upper
92 100
91 173.3 138.7 208.1





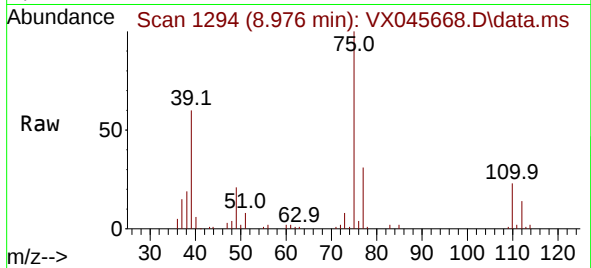
#53
 t-1,3-Dichloropropene
 Concen: 19.284 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045668.D
 Acq: 09 Apr 2025 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

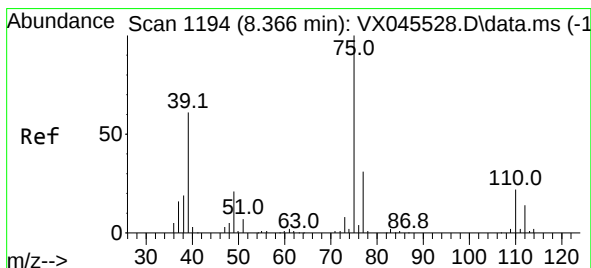
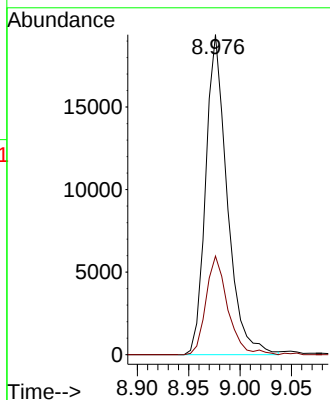
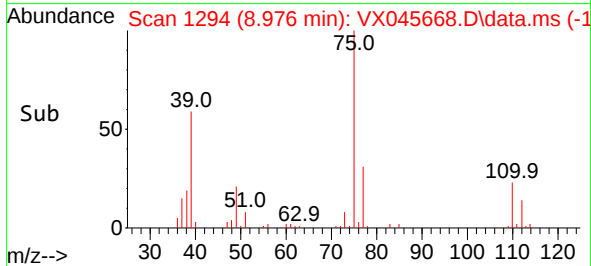


Tgt Ion: 75 Resp: 28240
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0

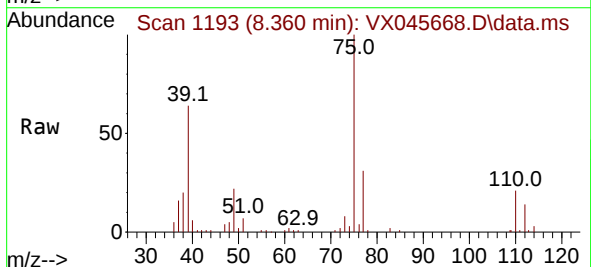
Manual Integrations

APPROVED

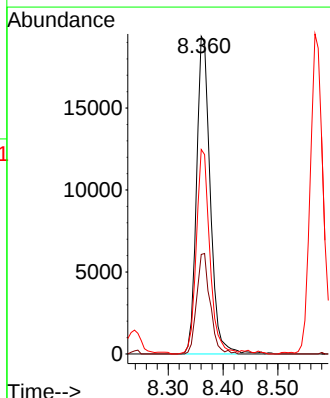
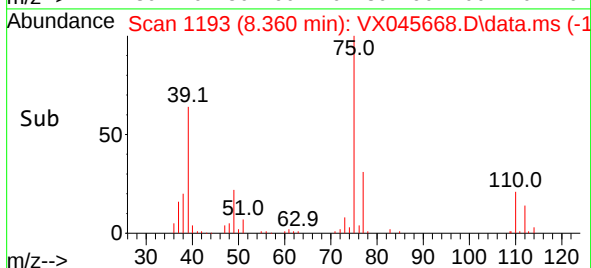
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#54
 cis-1,3-Dichloropropene
 Concen: 21.791 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX045668.D
 Acq: 09 Apr 2025 12:14



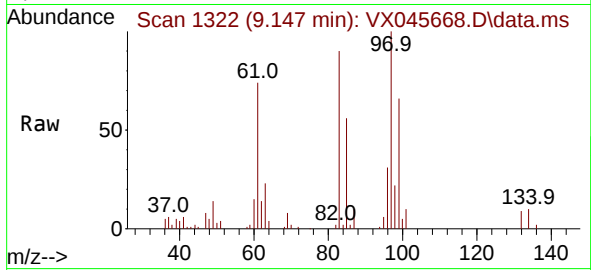
Tgt Ion: 75 Resp: 33764
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8
 39 64.3 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 21.014 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

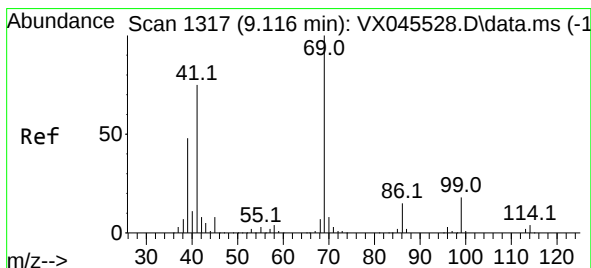
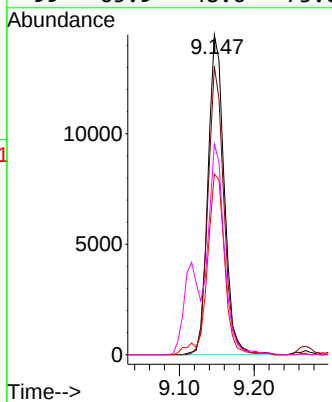
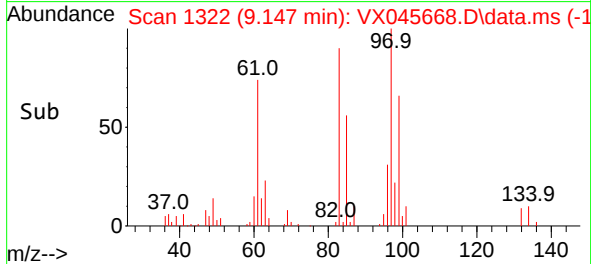
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 97 Resp: 2184
Ion Ratio Lower Upper
97 100
83 90.1 71.8 107.8
85 56.5 47.0 70.6
99 65.9 48.6 73.0

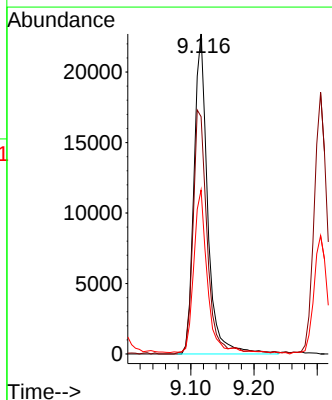
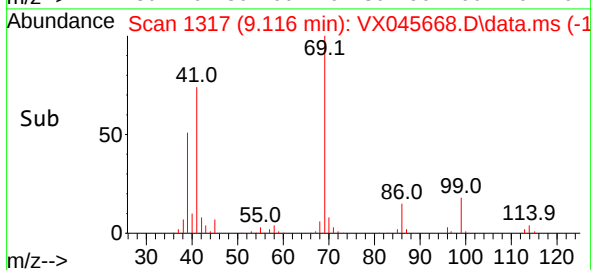
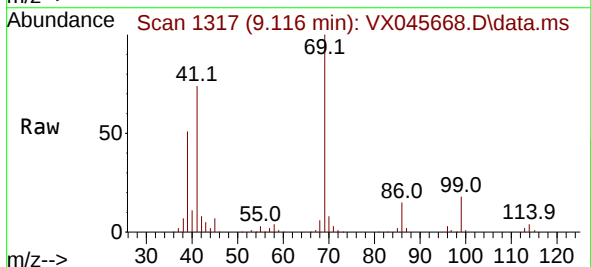
Manual Integrations
APPROVED

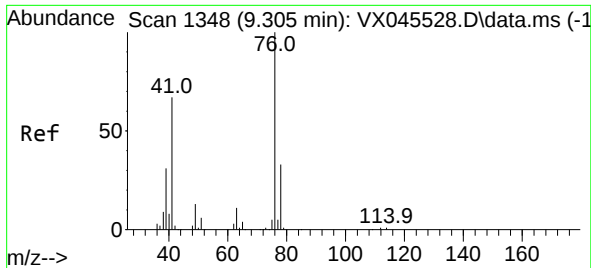
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#56
Ethyl methacrylate
Concen: 21.299 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Tgt Ion: 69 Resp: 34262
Ion Ratio Lower Upper
69 100
41 78.1 61.3 91.9
39 50.2 40.2 60.2





#57

1,3-Dichloropropane

Concen: 21.151 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

Tgt Ion: 76 Resp: 3828

Ion Ratio Lower Upper

76 100

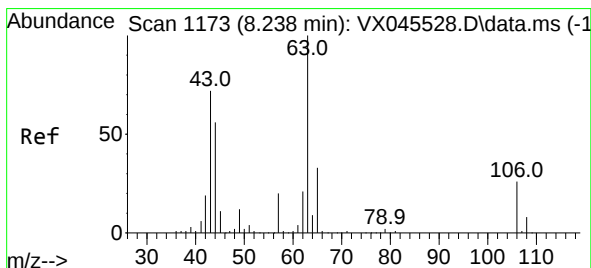
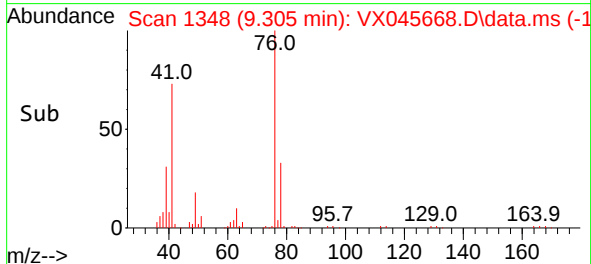
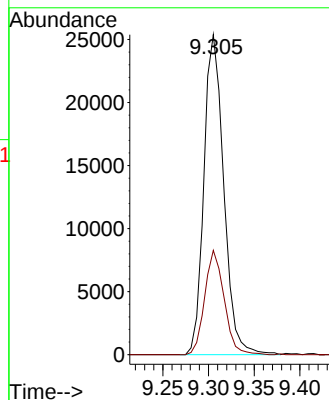
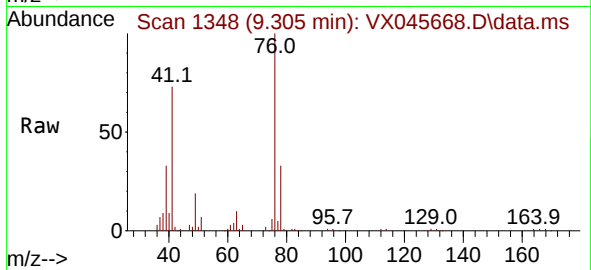
78 31.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 105.722 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045668.D

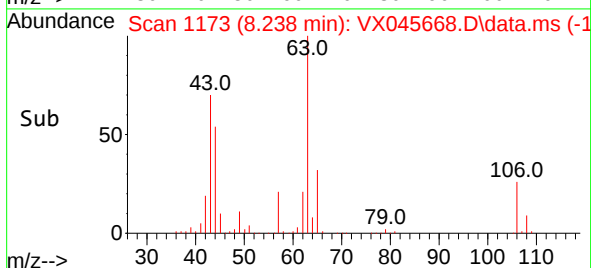
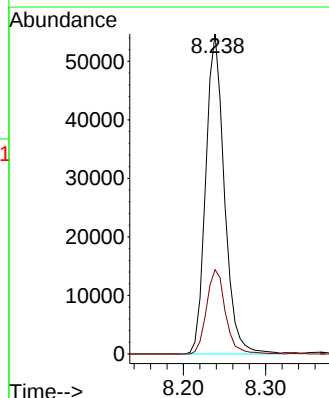
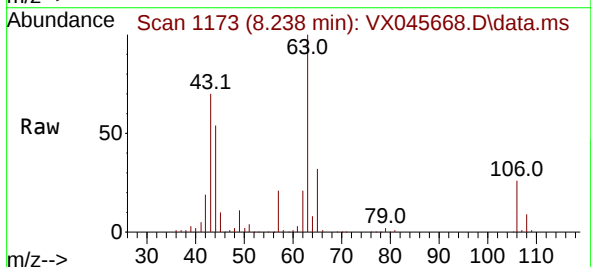
Acq: 09 Apr 2025 12:14

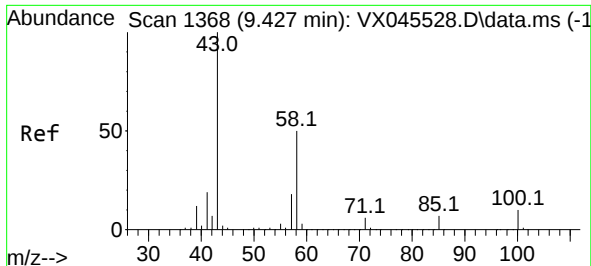
Tgt Ion: 63 Resp: 86030

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.6





#59

2-Hexanone

Concen: 108.828 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

Tgt Ion: 43 Resp: 144024

Ion Ratio Lower Upper

43 100

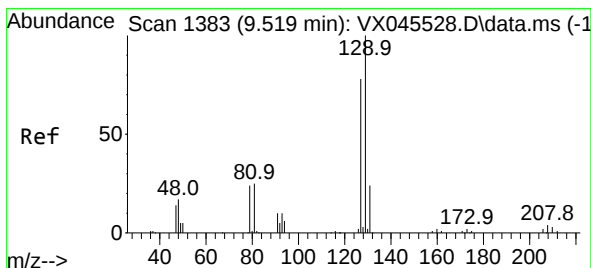
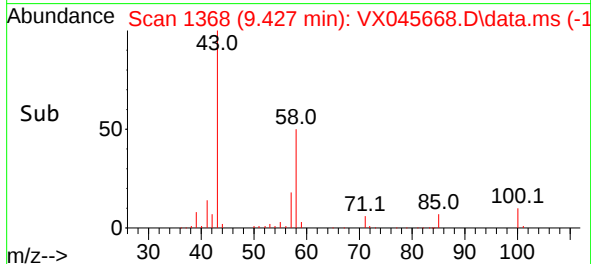
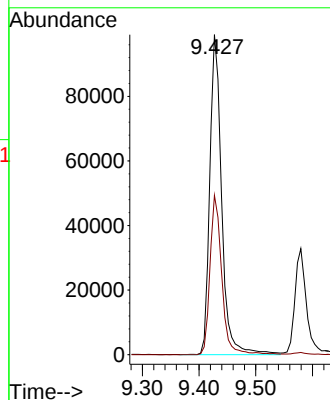
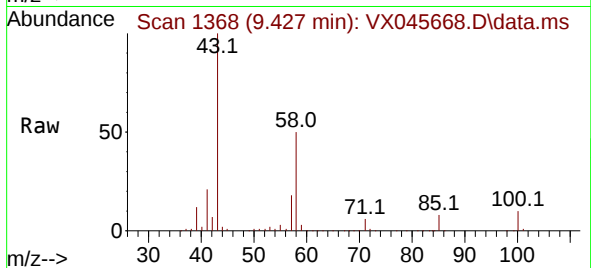
58 49.6 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#60

Dibromochloromethane

Concen: 21.090 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045668.D

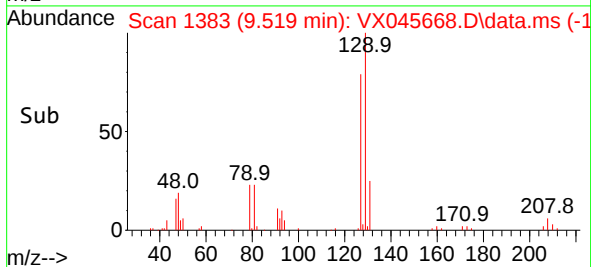
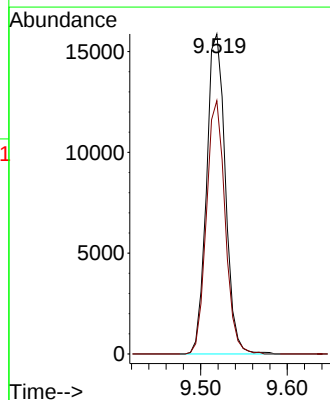
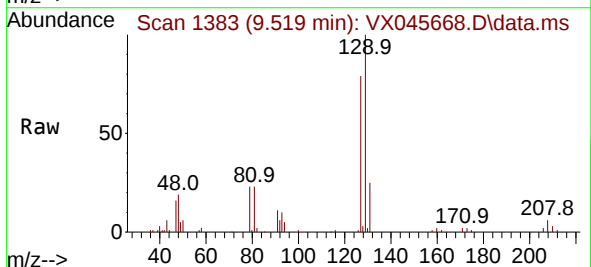
Acq: 09 Apr 2025 12:14

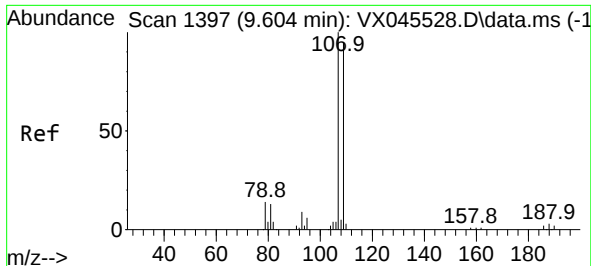
Tgt Ion:129 Resp: 23898

Ion Ratio Lower Upper

129 100

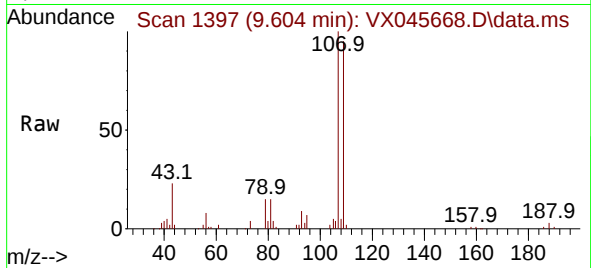
127 78.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.947 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

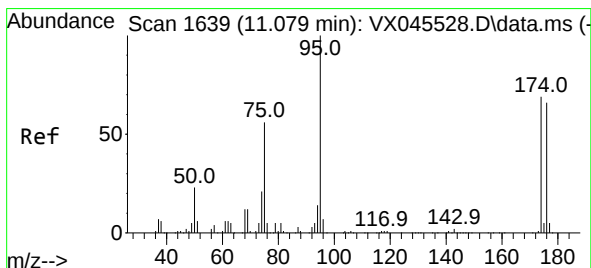
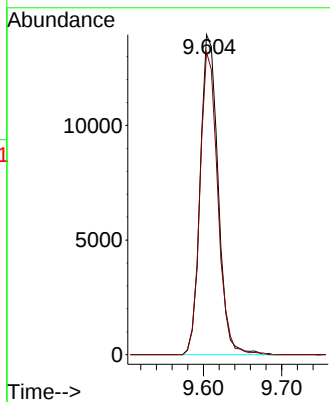
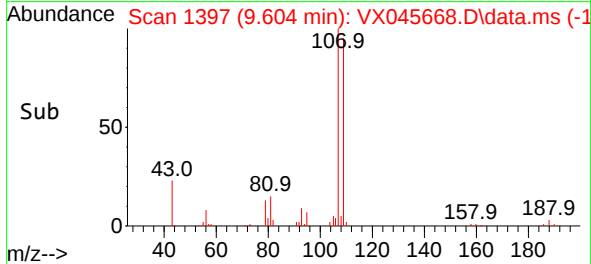
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion:107 Resp: 22040
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

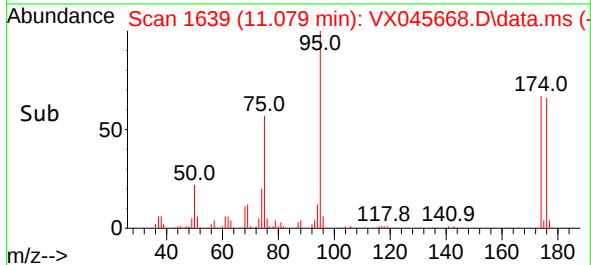
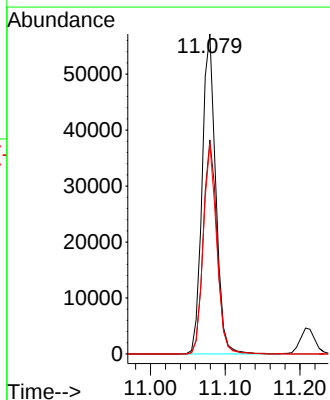
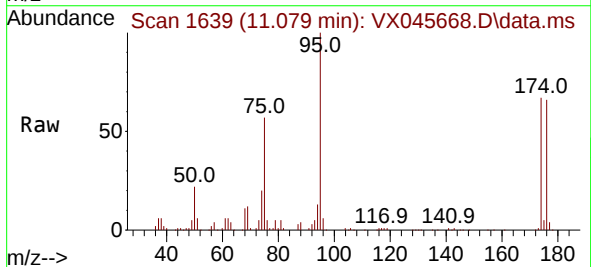
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#62
4-Bromofluorobenzene
Concen: 54.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

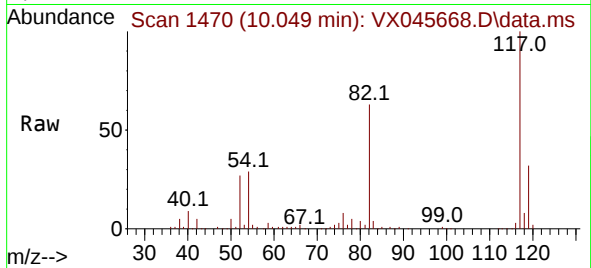
Tgt Ion: 95 Resp: 72225
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 64.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

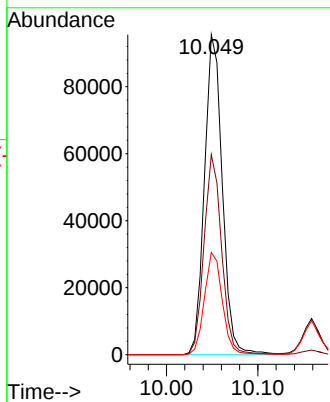
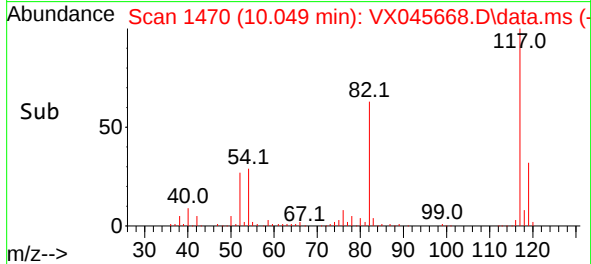
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion:117 Resp: 129399
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 32.0 25.1 37.7

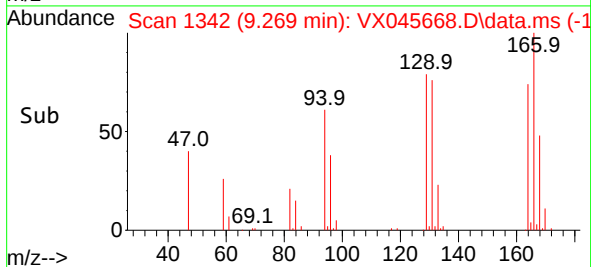
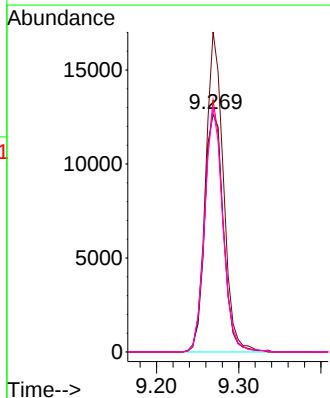
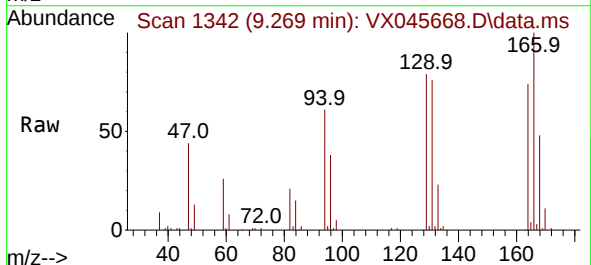
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#64
Tetrachloroethene
Concen: 22.004 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

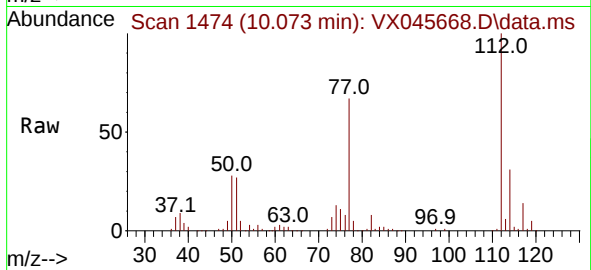
Tgt Ion:164 Resp: 20103
Ion Ratio Lower Upper
164 100
166 134.7 103.8 155.8
129 106.0 84.3 126.5
131 102.8 80.9 121.3





#65
Chlorobenzene
Concen: 20.898 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

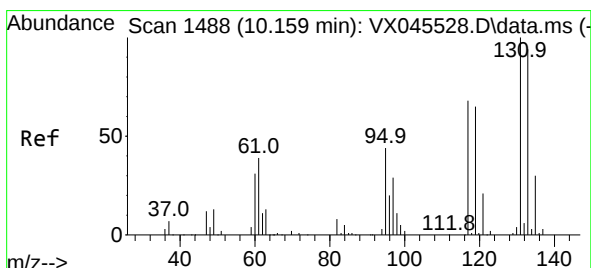
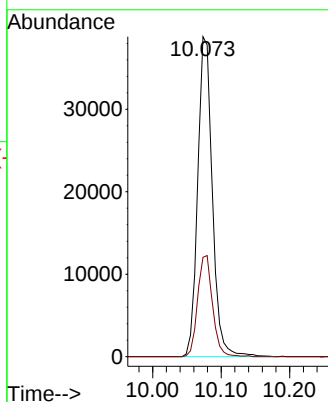
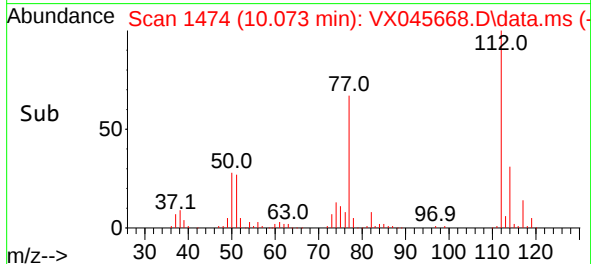
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



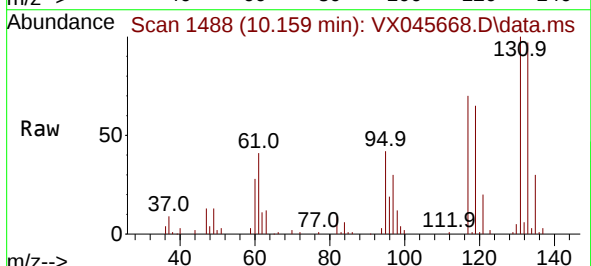
Tgt Ion:112 Resp: 57784
Ion Ratio Lower Upper
112 100
114 31.1 24.7 37.1

Manual Integrations
APPROVED

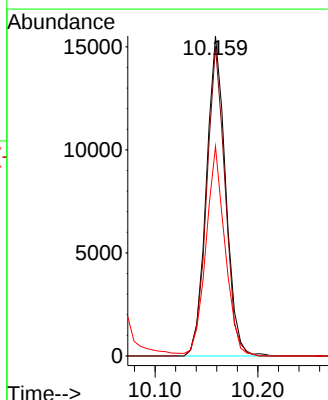
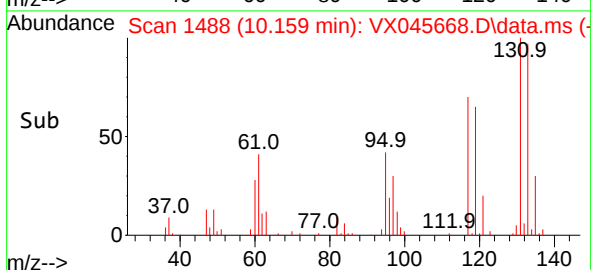
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

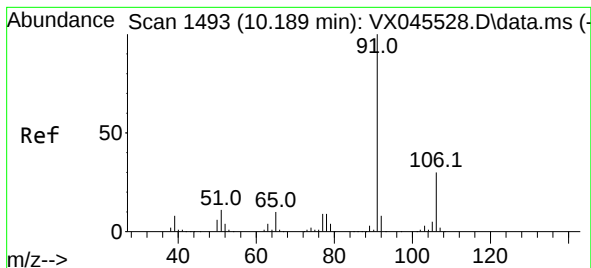


#66
1,1,1,2-Tetrachloroethane
Concen: 21.011 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14



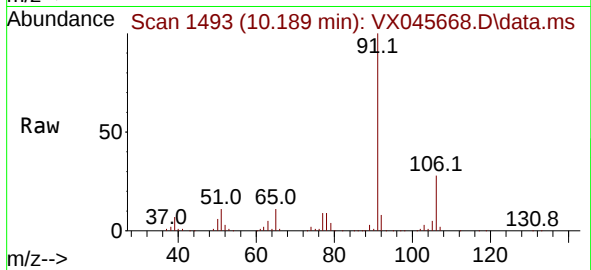
Tgt Ion:131 Resp: 20170
Ion Ratio Lower Upper
131 100
133 93.1 47.5 142.5
119 65.1 32.9 98.6





#67
Ethyl Benzene
Concen: 20.915 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

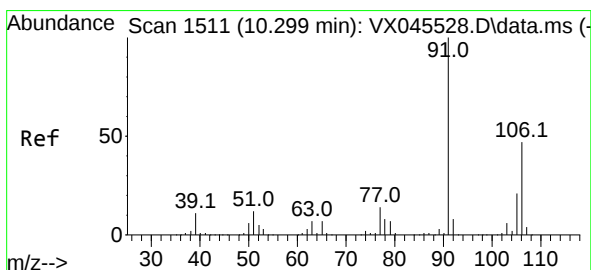
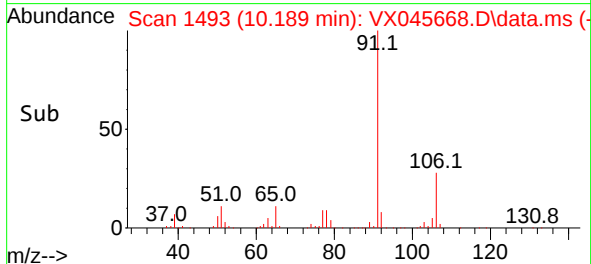
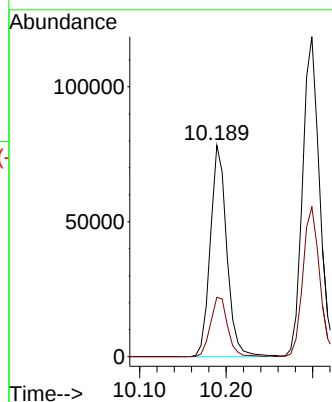
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 91 Resp: 10357
Ion Ratio Lower Upper
91 100
106 28.1 23.7 35.5

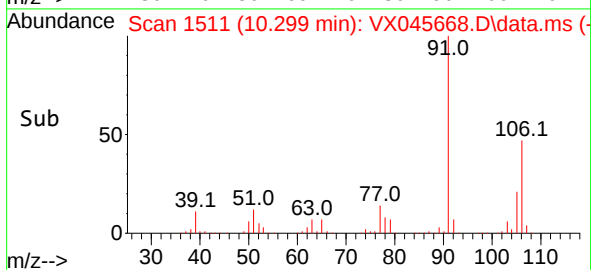
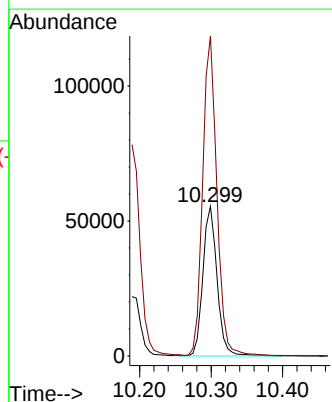
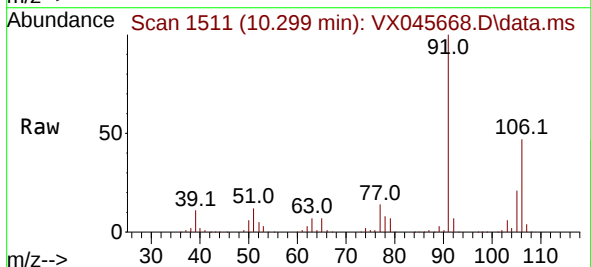
Manual Integrations
APPROVED

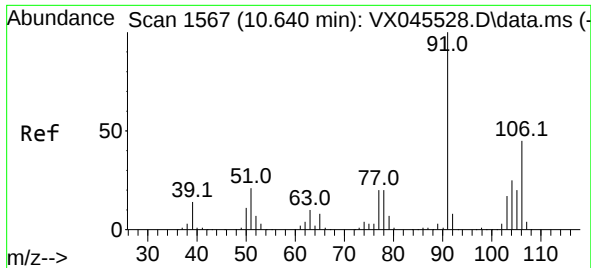
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#68
m/p-Xylenes
Concen: 42.342 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Tgt Ion:106 Resp: 76264
Ion Ratio Lower Upper
106 100
91 213.6 172.6 258.8





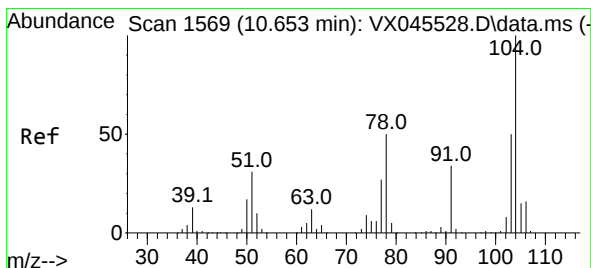
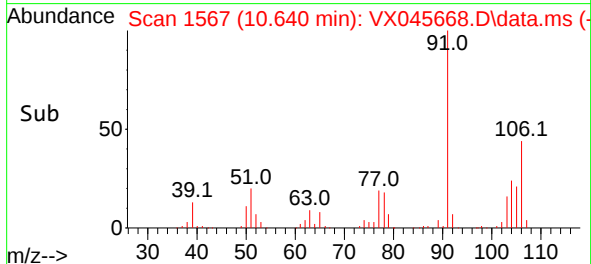
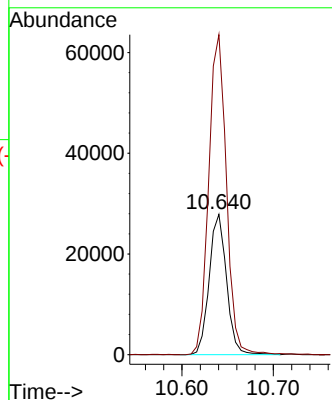
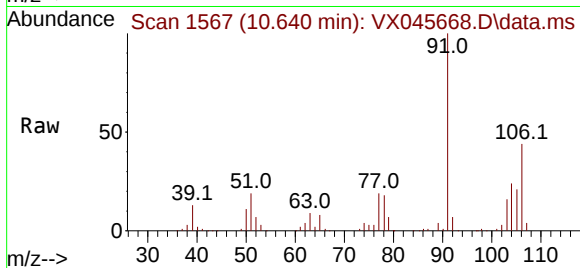
#69
o-Xylene
Concen: 20.748 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion:106 Resp: 36814
Ion Ratio Lower Upper
106 100
91 232.7 113.6 340.6

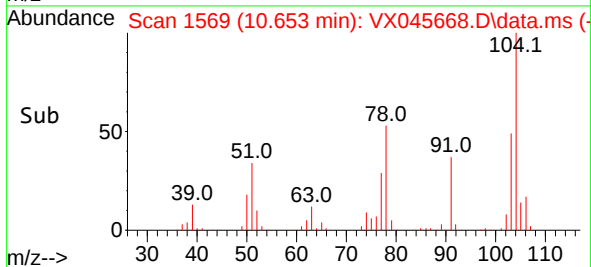
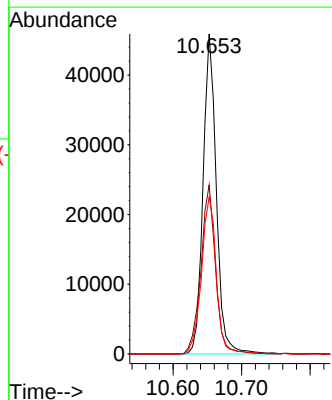
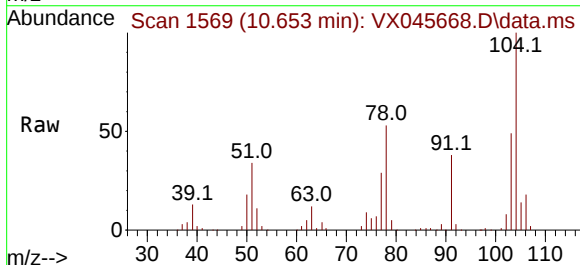
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#70
Styrene
Concen: 21.179 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Tgt Ion:104 Resp: 62023
Ion Ratio Lower Upper
104 100
78 58.4 45.4 68.2
103 55.1 43.8 65.8





#71

Bromoform

Concen: 20.192 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

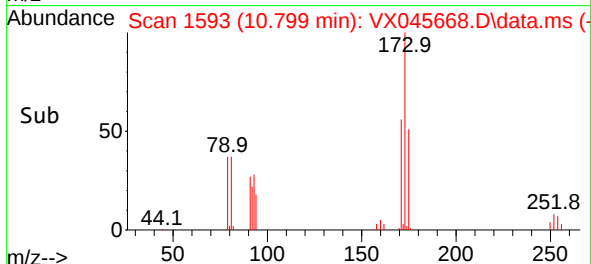
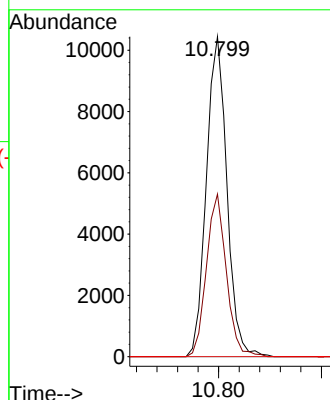
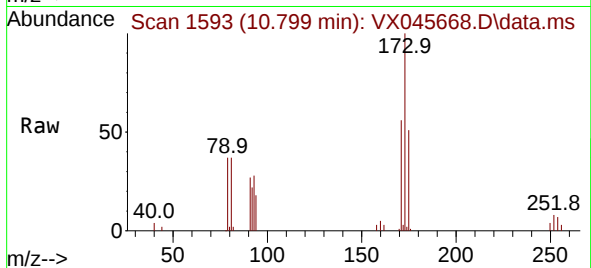
Tgt Ion:173	Resp:	1447
Ion Ratio	Lower	Upper
173	100	
175	49.3	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

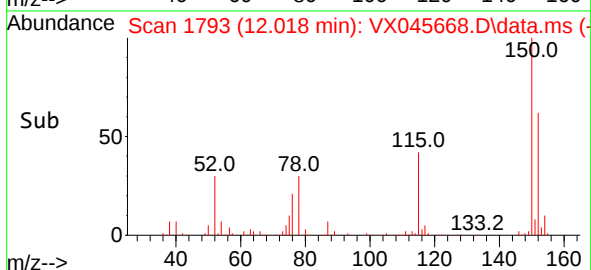
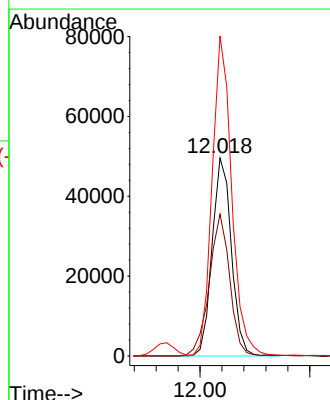
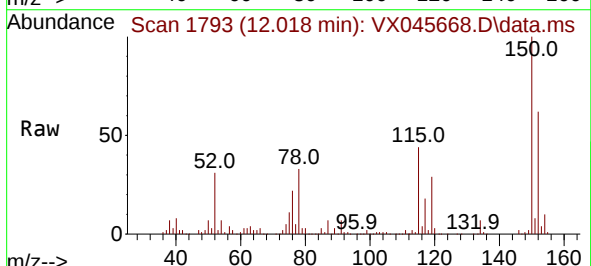
RT: 12.018 min Scan# 1793

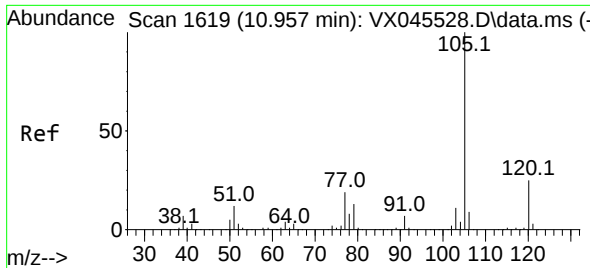
Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

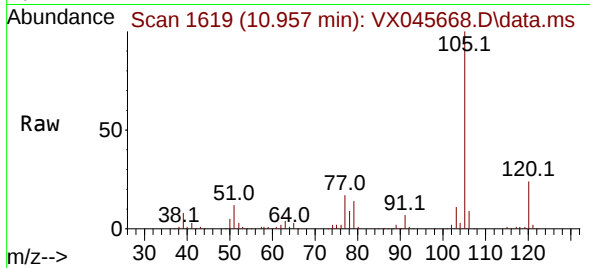
Tgt Ion:152	Resp:	60456
Ion Ratio	Lower	Upper
152	100	
115	76.3	46.9 140.7
150	164.0	0.0 349.4





#73
Isopropylbenzene
Concen: 20.667 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

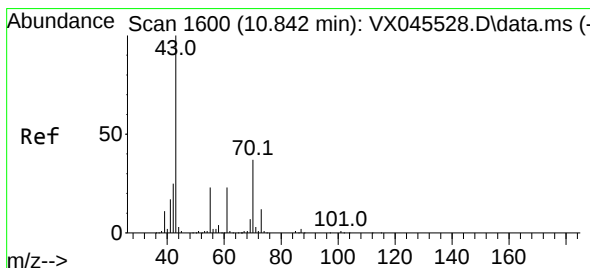
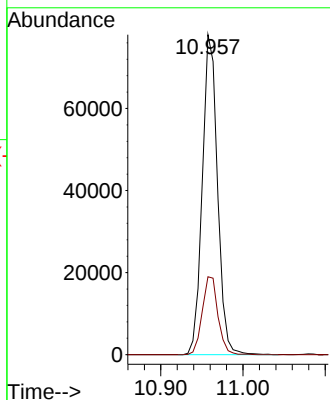
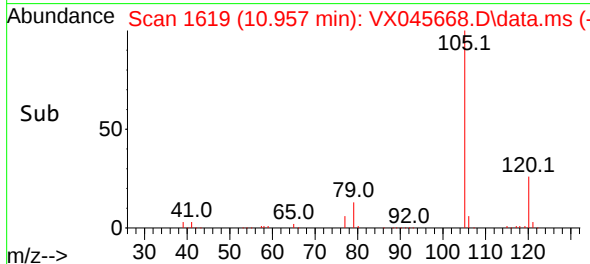
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion:105 Resp: 100080
Ion Ratio Lower Upper
105 100
120 25.2 12.7 38.0

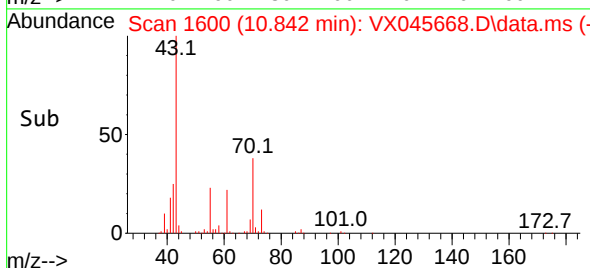
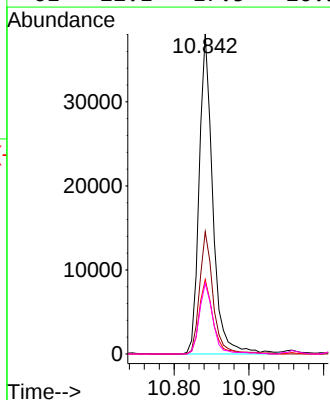
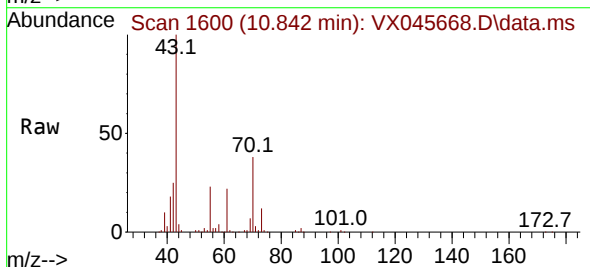
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#74
N-ethyl acetate
Concen: 20.869 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Tgt Ion: 43 Resp: 48343
Ion Ratio Lower Upper
43 100
70 37.8 30.1 45.1
55 23.8 18.3 27.5
61 22.1 17.5 26.3





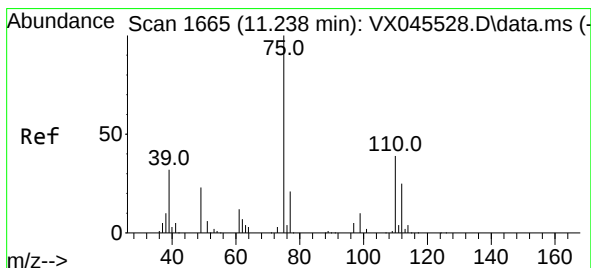
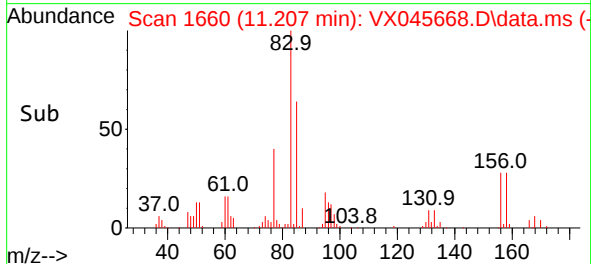
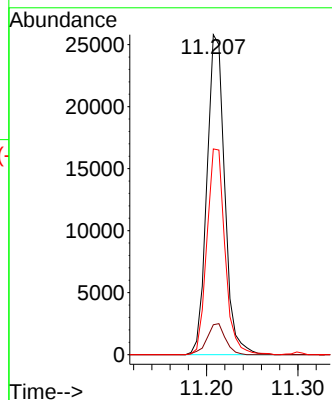
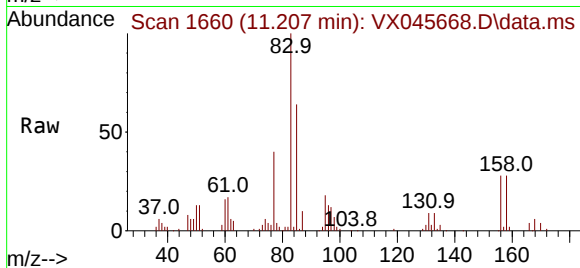
#75
1,1,2,2-Tetrachloroethane
Concen: 20.522 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion: 83 Resp: 34910
Ion Ratio Lower Upper
83 100
131 10.0 4.7 14.1
85 65.3 32.4 97.2

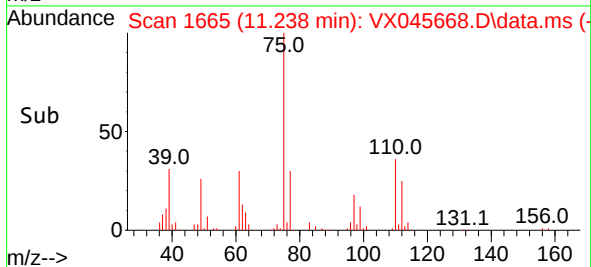
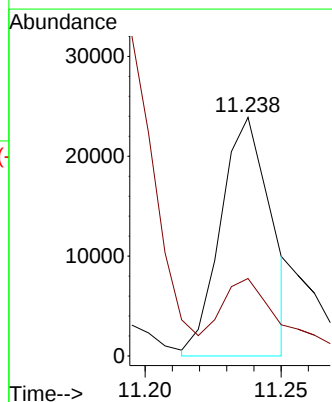
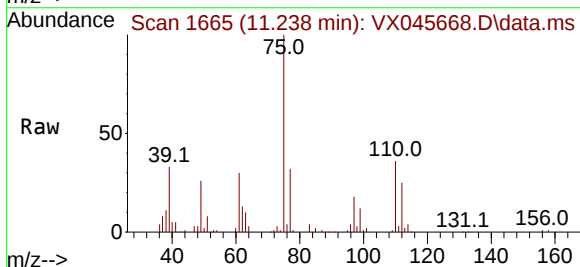
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#76
1,2,3-Trichloropropane
Concen: 20.719 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

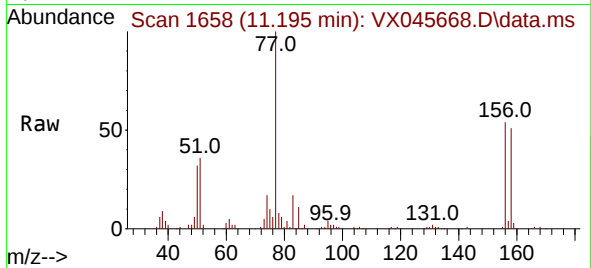
Tgt Ion: 75 Resp: 30554
Ion Ratio Lower Upper
75 100
77 40.3 20.0 59.9





#77
Bromobenzene
Concen: 20.037 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

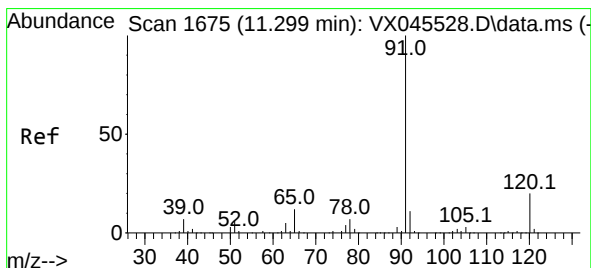
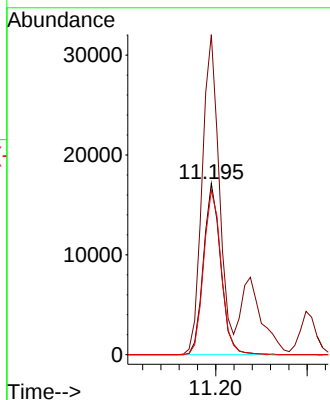
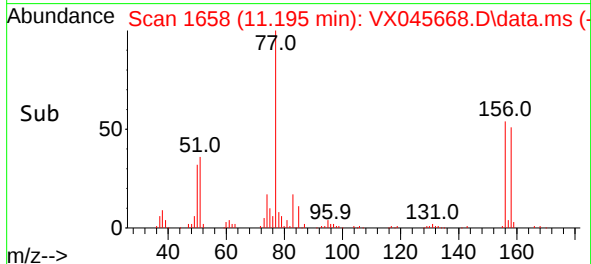
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



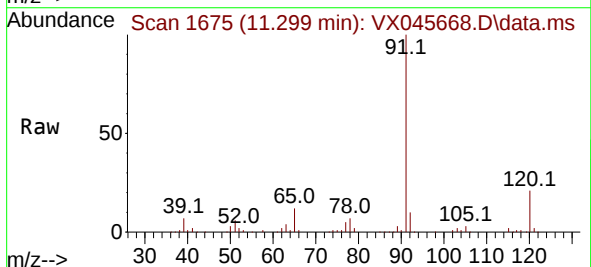
Tgt Ion:156 Resp: 22419
Ion Ratio Lower Upper
156 100
77 185.7 92.6 277.8
158 97.8 48.1 144.4

Manual Integrations
APPROVED

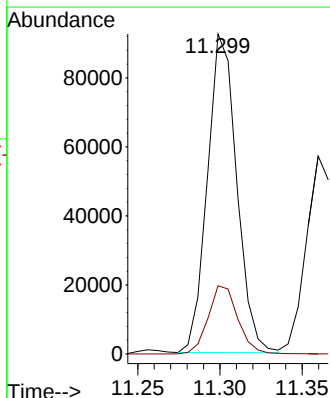
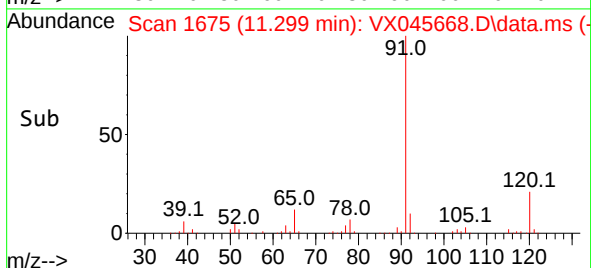
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

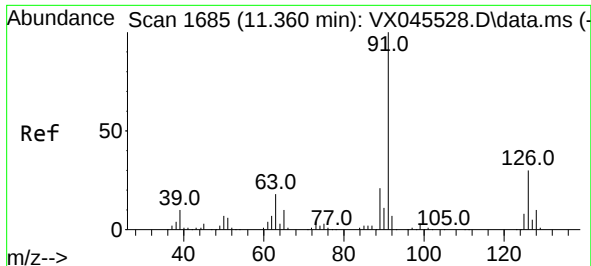


#78
n-propylbenzene
Concen: 20.559 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14



Tgt Ion: 91 Resp: 114673
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





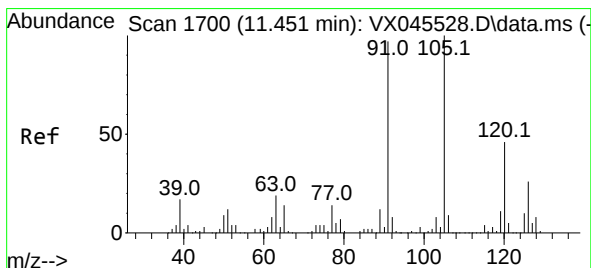
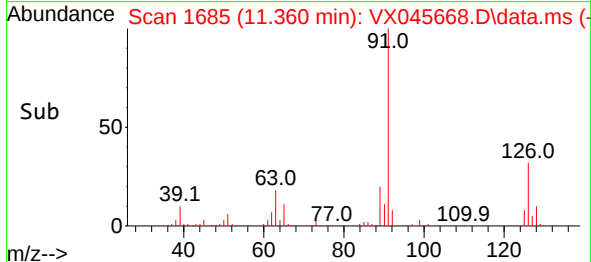
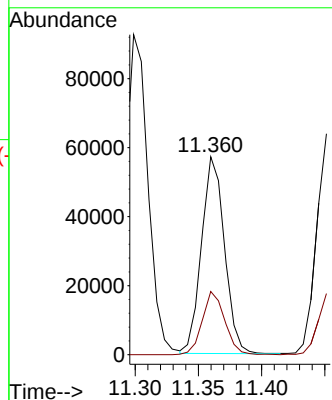
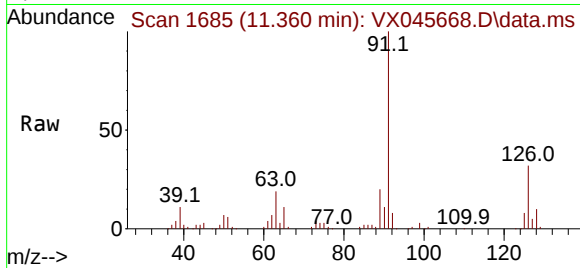
#79
2-Chlorotoluene
Concen: 20.279 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Tgt Ion: 91 Resp: 7231
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.4

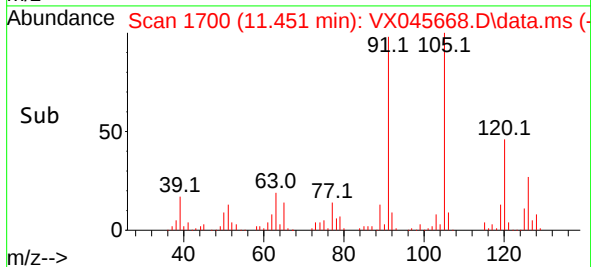
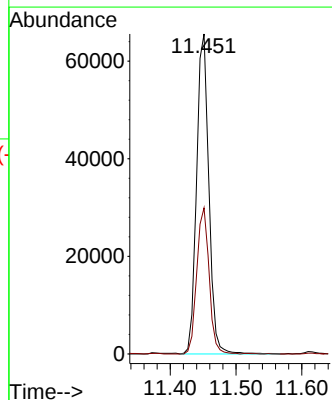
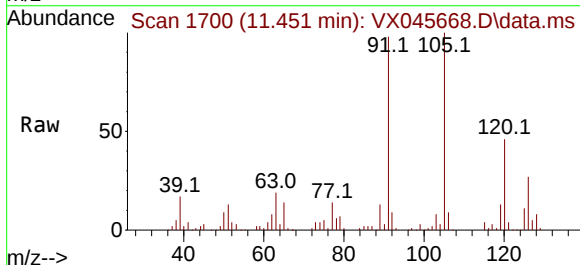
Manual Integrations
APPROVED

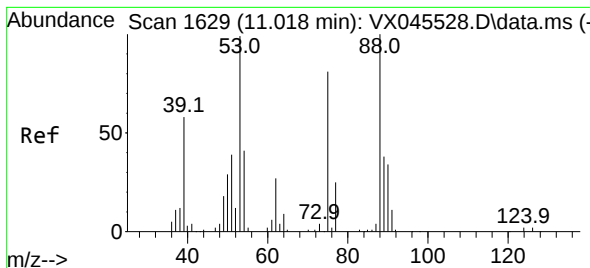
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.081 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

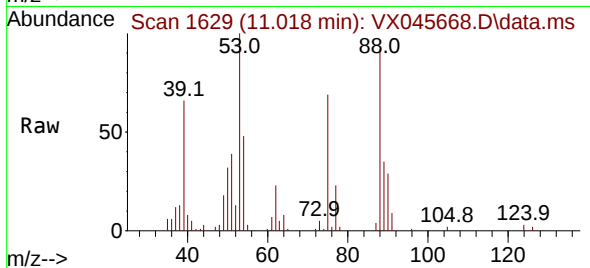
Tgt Ion:105 Resp: 84415
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.948 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

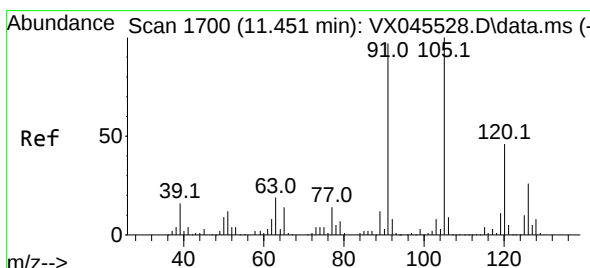
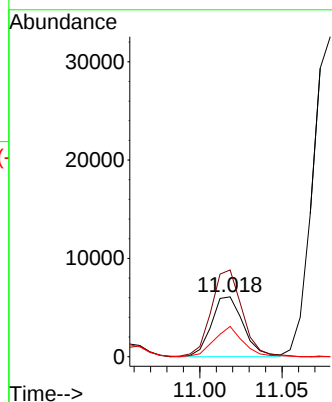
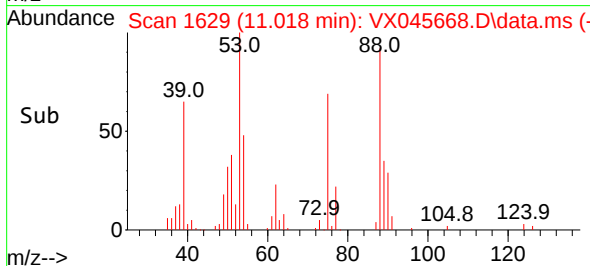
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



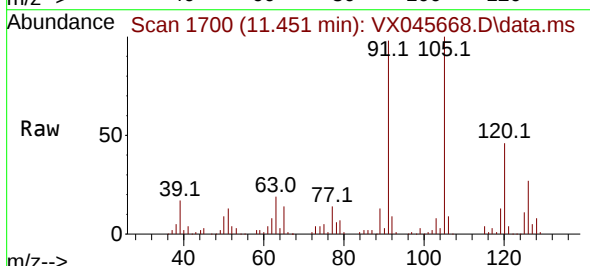
Tgt Ion: 75 Resp: 823
Ion Ratio Lower Upper
75 100
53 140.4 101.8 152.6
89 45.7 37.2 55.8

Manual Integrations
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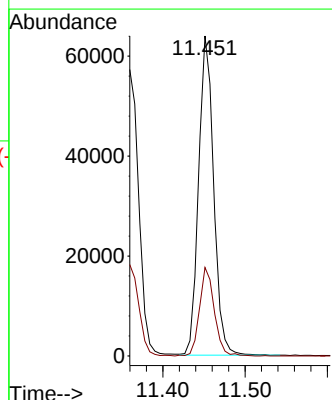
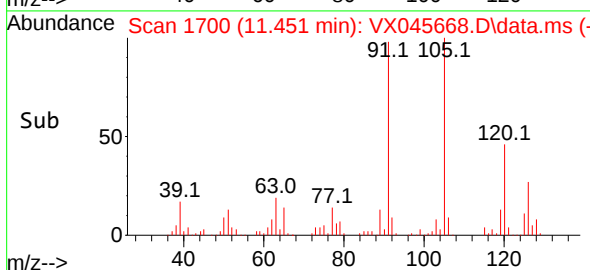
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

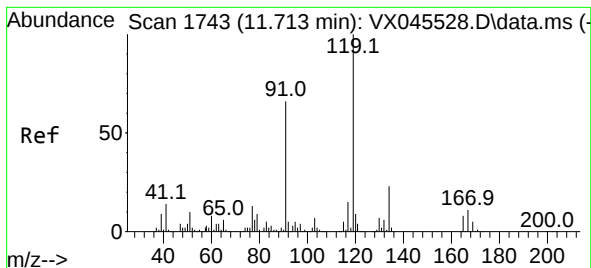


#82
4-Chlorotoluene
Concen: 20.540 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14



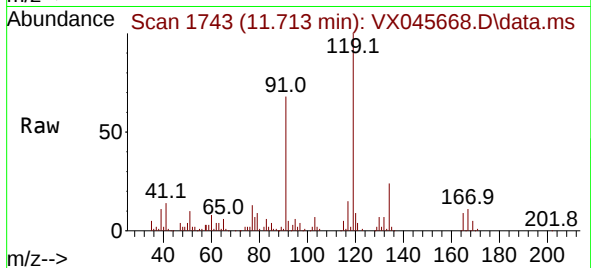
Tgt Ion: 91 Resp: 81662
Ion Ratio Lower Upper
91 100
126 27.1 13.3 39.9





#83
 tert-Butylbenzene
 Concen: 20.513 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX045668.D
 Acq: 09 Apr 2025 12:14

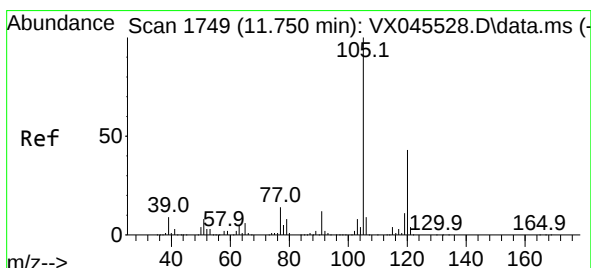
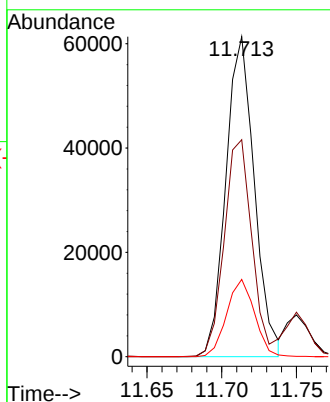
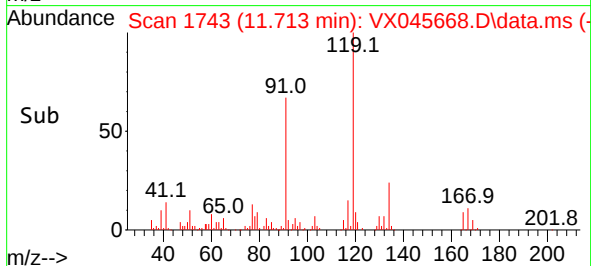
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01



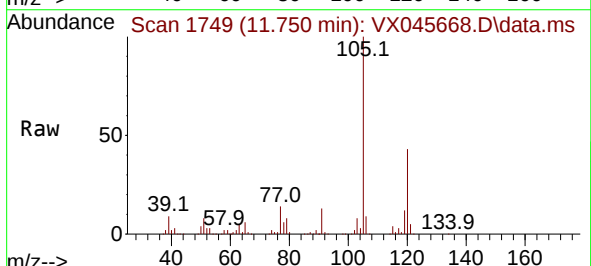
Tgt Ion:119 Resp: 81324
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.4 97.2
 134 23.6 11.5 34.5

Manual Integrations
 APPROVED

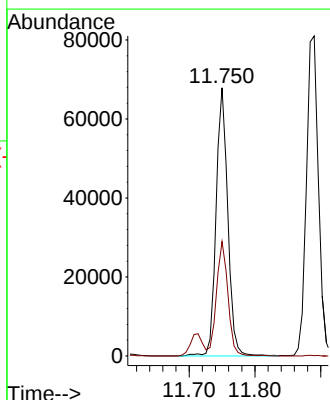
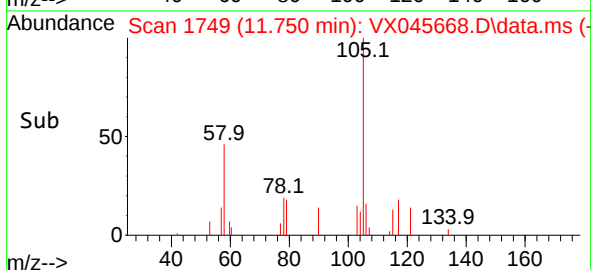
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

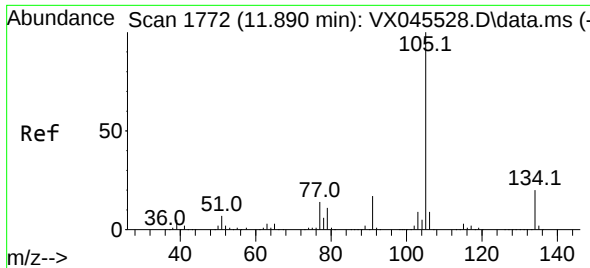


#84
 1,2,4-Trimethylbenzene
 Concen: 20.954 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX045668.D
 Acq: 09 Apr 2025 12:14



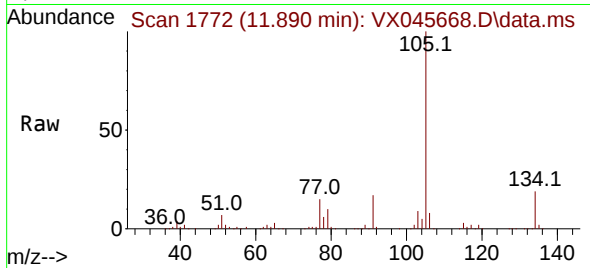
Tgt Ion:105 Resp: 84218
 Ion Ratio Lower Upper
 105 100
 120 41.4 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 21.061 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045668.D
 Acq: 09 Apr 2025 12:14

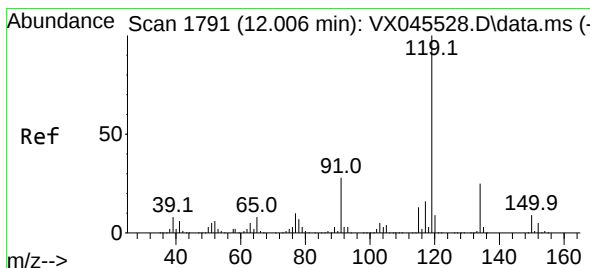
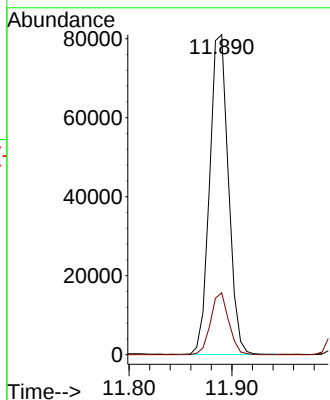
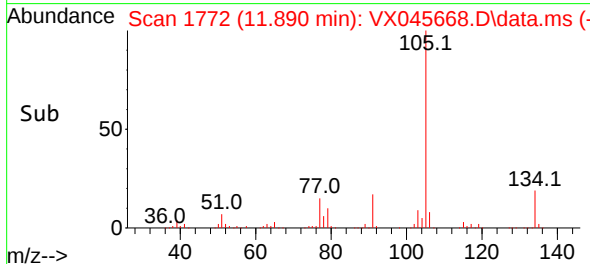
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01



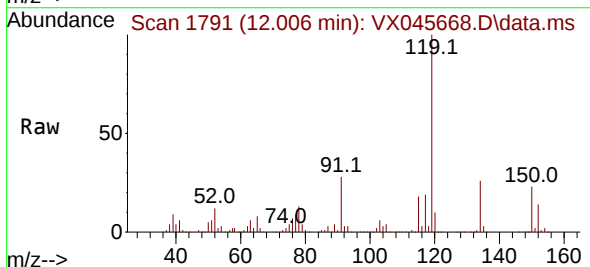
Tgt Ion:105 Resp: 102552
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.6 28.6

Manual Integrations
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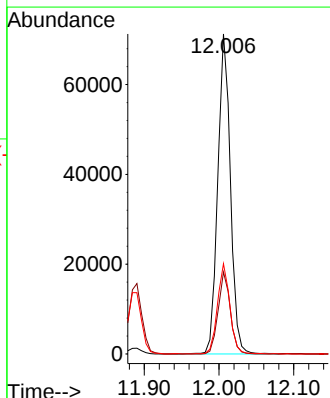
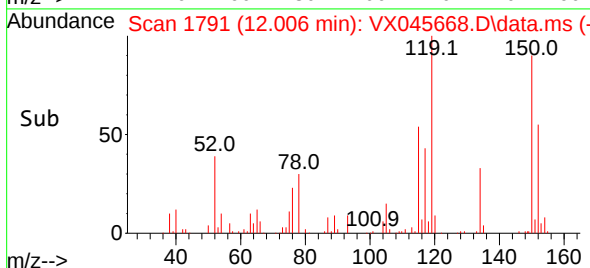
Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025



#86
 p-Isopropyltoluene
 Concen: 20.783 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045668.D
 Acq: 09 Apr 2025 12:14



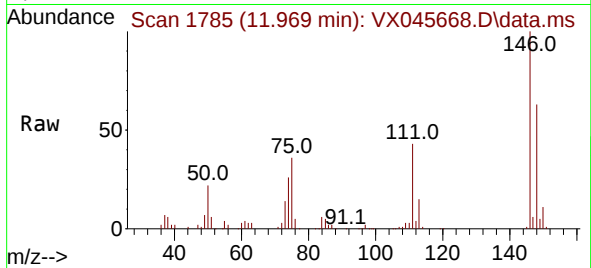
Tgt Ion:119 Resp: 83431
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 27.7 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 20.495 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

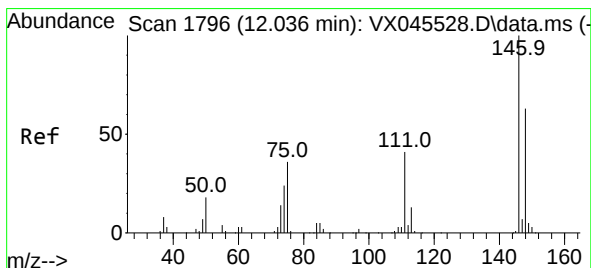
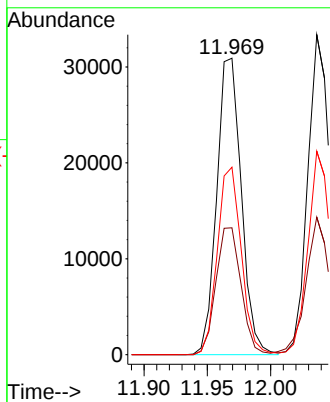
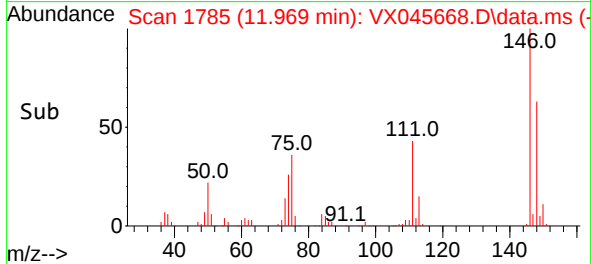
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



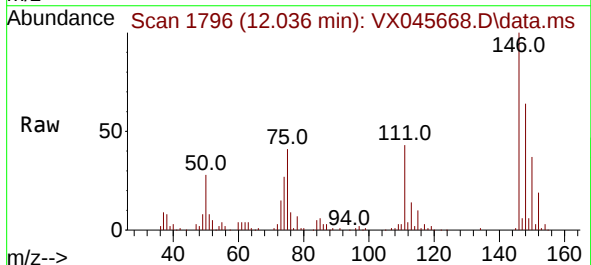
Tgt Ion:146 Resp: 41742
Ion Ratio Lower Upper
146 100
111 43.8 22.2 66.6
148 61.7 31.9 95.7

Manual Integrations
APPROVED

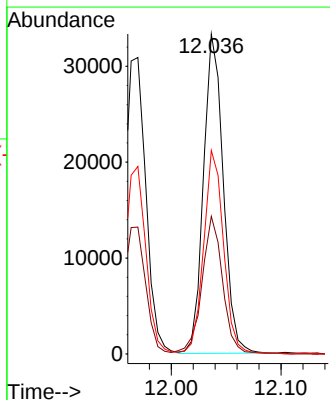
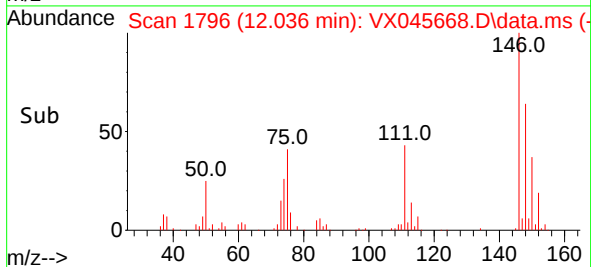
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

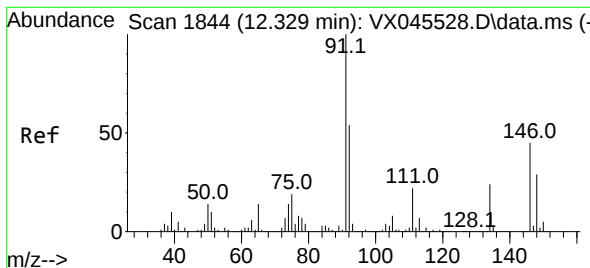


#88
1,4-Dichlorobenzene
Concen: 20.229 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14



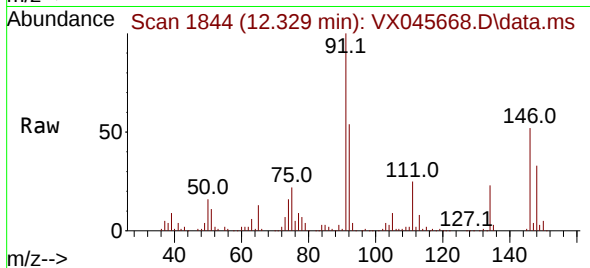
Tgt Ion:146 Resp: 41769
Ion Ratio Lower Upper
146 100
111 45.3 20.9 62.8
148 64.4 31.5 94.5





#89
n-Butylbenzene
Concen: 20.828 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

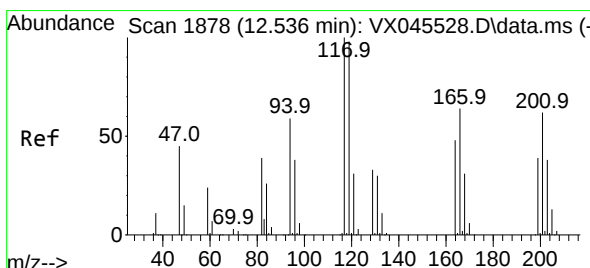
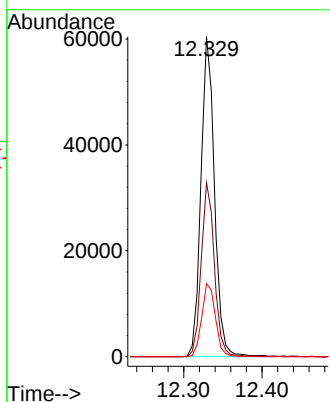
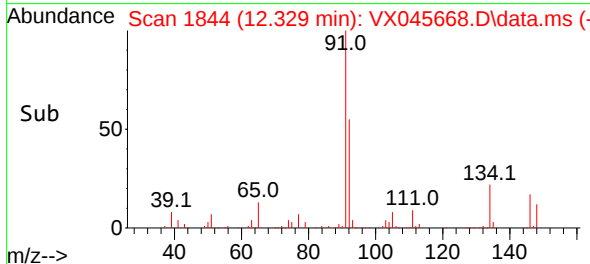
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion: 91 Resp: 7250
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.6
134 23.0 11.9 35.7

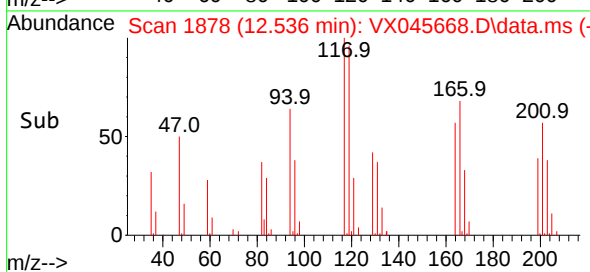
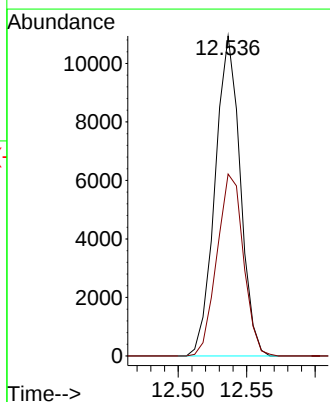
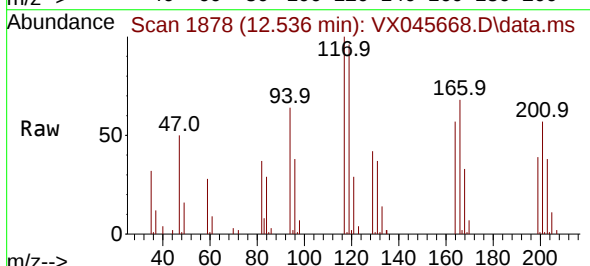
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#90
Hexachloroethane
Concen: 20.226 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

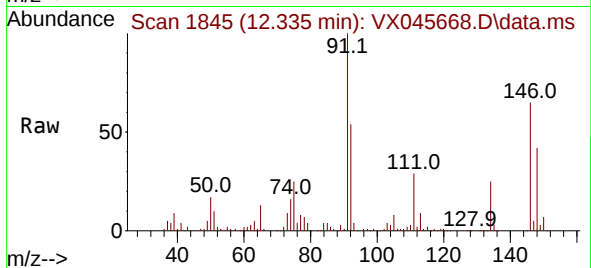
Tgt Ion:117 Resp: 13954
Ion Ratio Lower Upper
117 100
201 60.0 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 21.185 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

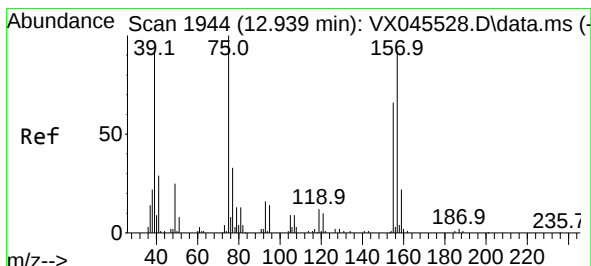
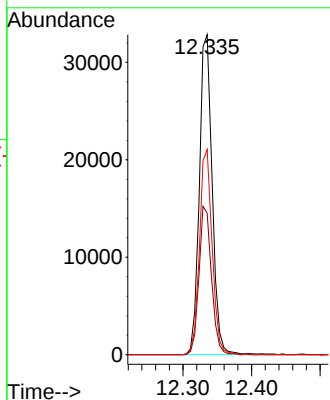
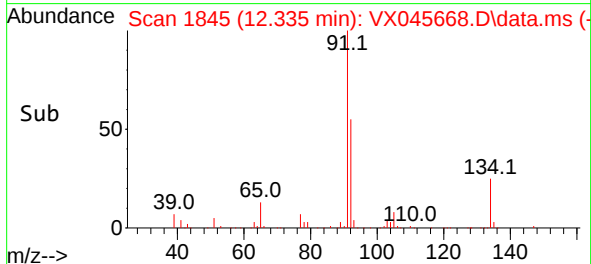
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



Tgt Ion:146 Resp: 4289
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.8
148 63.0 31.9 95.5

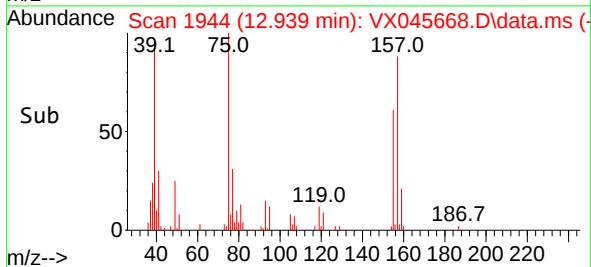
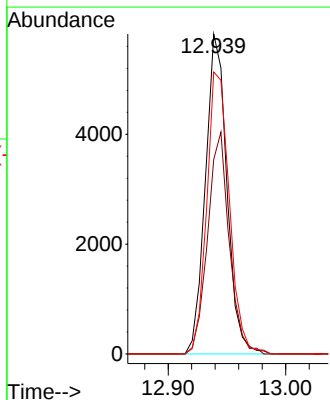
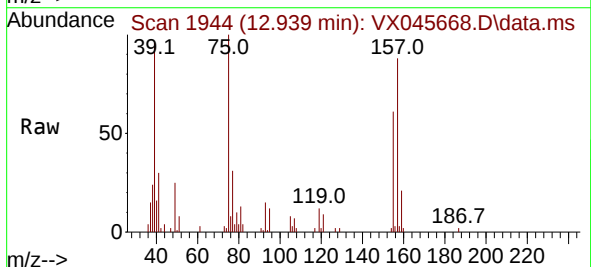
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.808 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

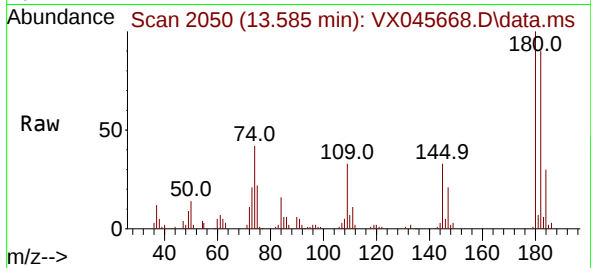
Tgt Ion: 75 Resp: 7403
Ion Ratio Lower Upper
75 100
155 69.6 34.9 104.7
157 92.7 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.713 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14

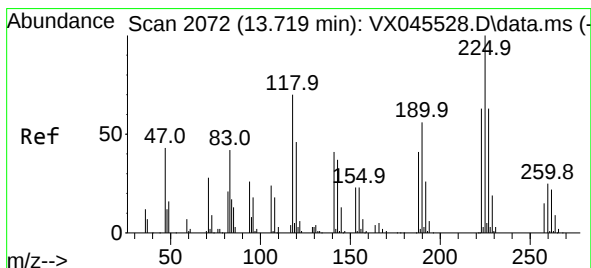
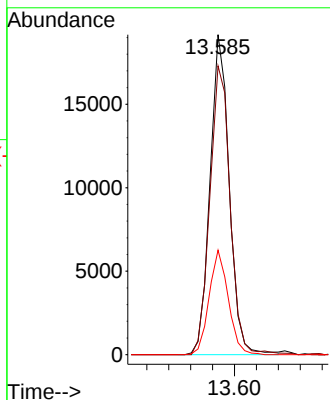
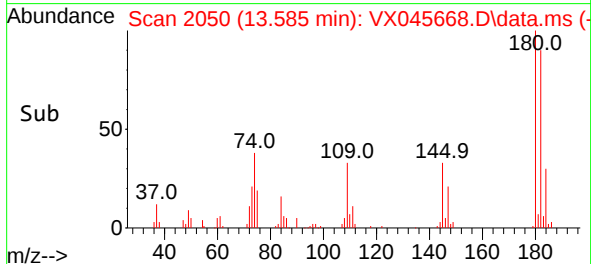
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01



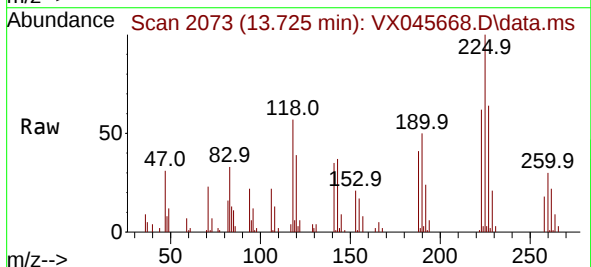
Tgt Ion:180 Resp: 2334
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.6
145 32.6 17.9 53.8

Manual Integrations
APPROVED

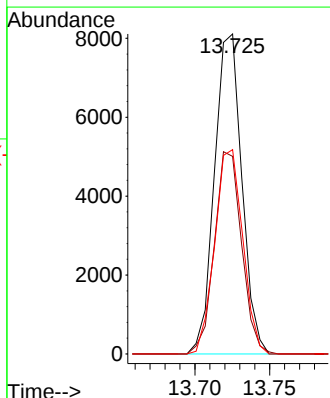
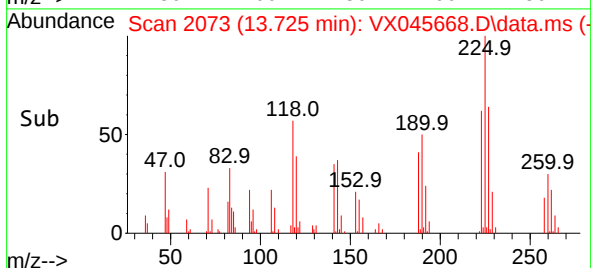
Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

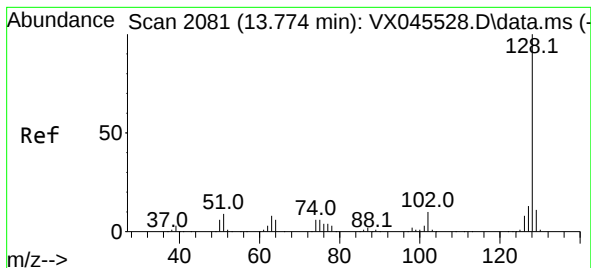


#94
Hexachlorobutadiene
Concen: 21.264 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045668.D
Acq: 09 Apr 2025 12:14



Tgt Ion:225 Resp: 10328
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.3
227 65.1 32.2 96.6





#95

Naphthalene

Concen: 20.410 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBSD01

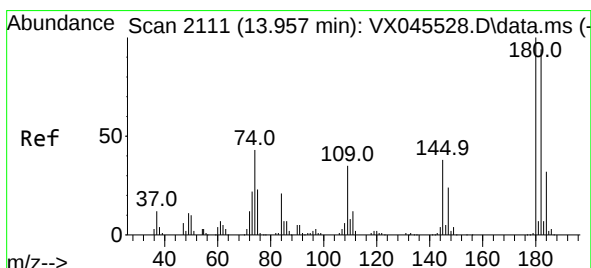
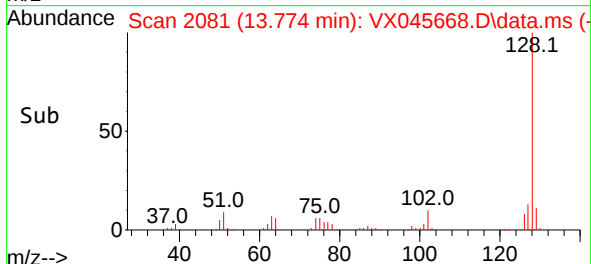
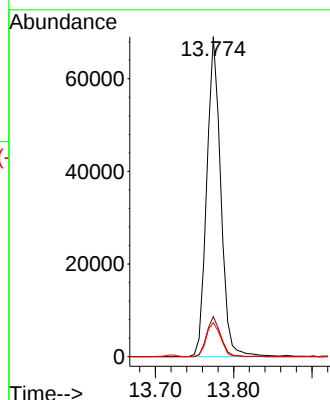
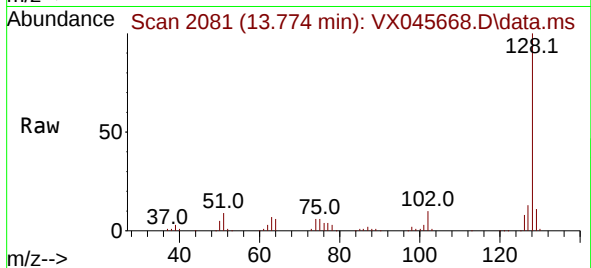
Tgt Ion:128 Resp: 85609
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.3 15.5
 129 11.1 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2025

Supervised By :Mahesh Dadoda 04/10/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.305 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045668.D

Acq: 09 Apr 2025 12:14

Tgt Ion:180 Resp: 23965
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 141.8
 145 36.0 18.2 54.6

