

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045215.D
 Acq On : 11 Mar 2025 11:40
 Operator : JC/MD
 Sample : VX0311WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:44:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	92082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	148942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74856	51.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.220%			
35) Dibromofluoromethane	5.379	113	56645	50.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	8.647	98	204141	50.659	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	72695	54.440	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22434	19.355	ug/l	93
3) Chloromethane	1.307	50	25404	17.909	ug/l	98
4) Vinyl Chloride	1.374	62	23820	16.928	ug/l	95
5) Bromomethane	1.593	94	10572	19.112	ug/l	100
6) Chloroethane	1.666	64	12761	19.661	ug/l	88
7) Trichlorofluoromethane	1.867	101	34778	18.670	ug/l	96
8) Diethyl Ether	2.130	74	12910	17.718	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.312	101	22149	20.696	ug/l	99
10) Methyl Iodide	2.440	142	25294	18.912	ug/l	96
11) Tert butyl alcohol	2.977	59	23337	84.116	ug/l	100
12) 1,1-Dichloroethene	2.306	96	20823	18.403	ug/l	98
13) Acrolein	2.233	56	25369	79.103	ug/l	99
14) Allyl chloride	2.654	41	39210	19.468	ug/l	98
15) Acrylonitrile	3.062	53	75766	101.896	ug/l	100
16) Acetone	2.386	43	65266	96.039	ug/l	98
17) Carbon Disulfide	2.501	76	49556	16.444	ug/l	99
18) Methyl Acetate	2.703	43	37547	22.967	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	73152	19.270	ug/l	100
20) Methylene Chloride	2.782	84	25802	19.167	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	21427	19.168	ug/l	93
22) Diisopropyl ether	3.757	45	79872	19.499	ug/l #	81
23) Vinyl Acetate	3.721	43	341251	99.830	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43990	19.162	ug/l	97
25) 2-Butanone	4.556	43	105263	102.904	ug/l	98
26) 2,2-Dichloropropane	4.465	77	29182	27.101	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	26511	19.212	ug/l	96
28) Bromochloromethane	4.897	49	21801	19.924	ug/l	98
29) Tetrahydrofuran	5.007	42	67355	98.050	ug/l	99
30) Chloroform	5.086	83	44426	19.477	ug/l	98
31) Cyclohexane	5.458	56	37985	19.062	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	35413	19.223	ug/l	98
36) 1,1-Dichloropropene	5.684	75	28849	18.925	ug/l	99
37) Ethyl Acetate	4.714	43	36207	18.433	ug/l	98
38) Carbon Tetrachloride	5.672	117	29989	19.378	ug/l	94
39) Methylcyclohexane	7.373	83	36647	20.064	ug/l	97
40) Benzene	6.031	78	92458	19.208	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21766	20.493	ug/l	98
42) 1,2-Dichloroethane	6.086	62	34432	19.864	ug/l	100
43) Isopropyl Acetate	6.342	43	57873	19.925	ug/l	100
44) Trichloroethene	7.123	130	21499	19.021	ug/l	100
45) 1,2-Dichloropropane	7.427	63	23603	19.071	ug/l	93
46) Dibromomethane	7.580	93	17341	19.824	ug/l	99
47) Bromodichloromethane	7.818	83	33921	19.769	ug/l	99
48) Methyl methacrylate	7.696	41	29960	20.560	ug/l	98
49) 1,4-Dioxane	7.665	88	11450	372.504	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	212449	108.934	ug/l	99
52) Toluene	8.714	92	56008	19.831	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28894	20.143	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33564	20.066	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	23281	20.024	ug/l	99
56) Ethyl methacrylate	9.116	69	37256	21.080	ug/l	98
57) 1,3-Dichloropropane	9.305	76	41547	20.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	84737	98.289	ug/l	99
59) 2-Hexanone	9.427	43	154662	109.453	ug/l	99
60) Dibromochloromethane	9.518	129	24209	19.914	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23982	20.662	ug/l	98
64) Tetrachloroethene	9.269	164	18450	19.341	ug/l	94
65) Chlorobenzene	10.079	112	61875	19.633	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	19978	19.035	ug/l	97
67) Ethyl Benzene	10.189	91	108234	19.710	ug/l	98
68) m/p-Xylenes	10.299	106	80292	39.941	ug/l	97
69) o-Xylene	10.640	106	40924	20.185	ug/l	98
70) Styrene	10.652	104	67151	20.469	ug/l	99
71) Bromoform	10.799	173	16098	20.340	ug/l #	99
73) Isopropylbenzene	10.957	105	104215	19.390	ug/l	99
74) N-amyl acetate	10.841	43	49701	19.707	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38763	19.653	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	30828m	19.234	ug/l	
77) Bromobenzene	11.195	156	24637	19.428	ug/l	97
78) n-propylbenzene	11.305	91	121031	19.934	ug/l	99
79) 2-Chlorotoluene	11.360	91	74800	19.344	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	87336	20.096	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8951	19.112	ug/l	92
82) 4-Chlorotoluene	11.451	91	84411	20.030	ug/l	100
83) tert-Butylbenzene	11.713	119	86368	19.342	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	87556	20.023	ug/l	100
85) sec-Butylbenzene	11.890	105	109529	20.477	ug/l	99
86) p-Isopropyltoluene	12.006	119	88543	20.483	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44375	19.615	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43983	19.217	ug/l	98
89) n-Butylbenzene	12.329	91	76829	20.636	ug/l	99
90) Hexachloroethane	12.536	117	14287	18.273	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	44841	19.759	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7436	19.352	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	25138	19.453	ug/l	97
94) Hexachlorobutadiene	13.725	225	10532	19.880	ug/l	98
95) Naphthalene	13.774	128	95200	19.175	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26292	19.287	ug/l	99

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QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

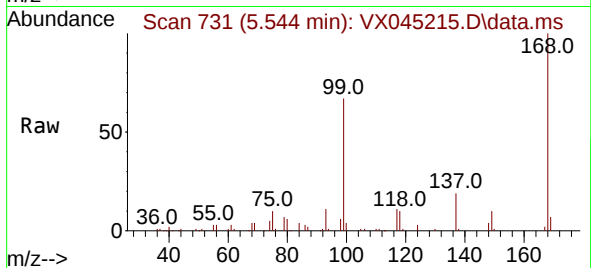
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045215.D
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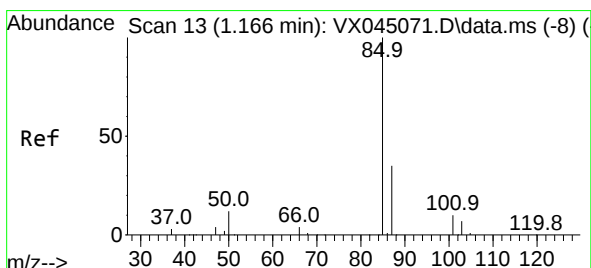
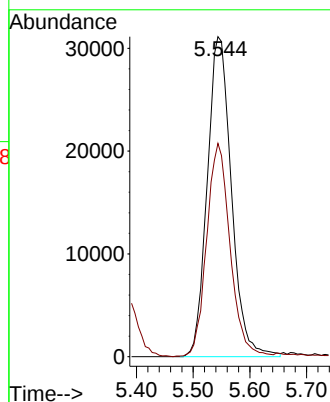
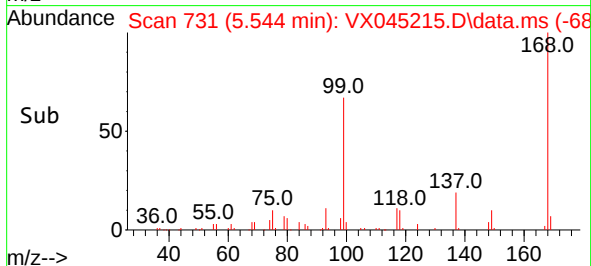
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion:168 Resp: 9208
Ion Ratio Lower Upper
168 100
99 66.5 48.2 72.4

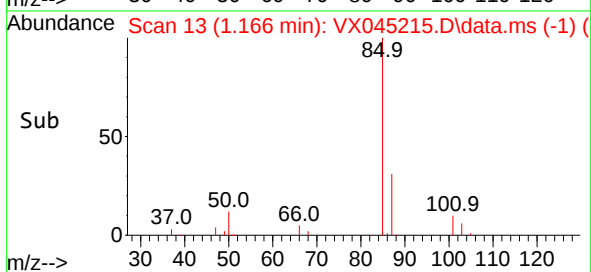
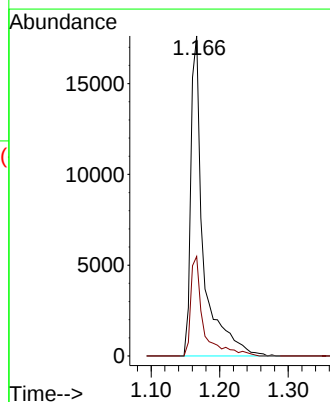
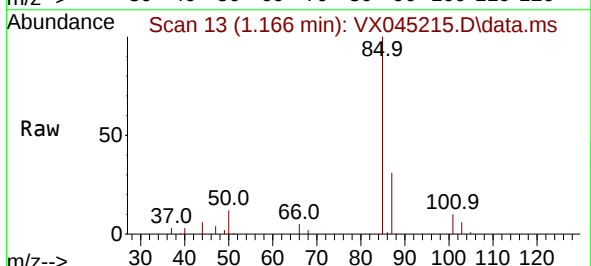
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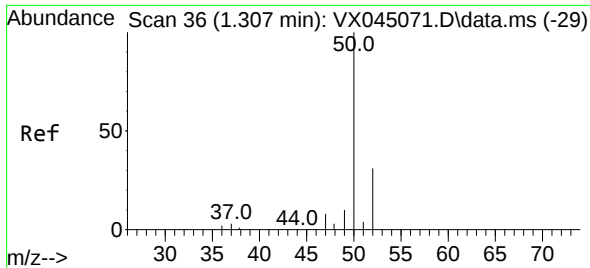
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#2
Dichlorodifluoromethane
Concen: 19.355 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 85 Resp: 22434
Ion Ratio Lower Upper
85 100
87 31.1 17.4 52.3





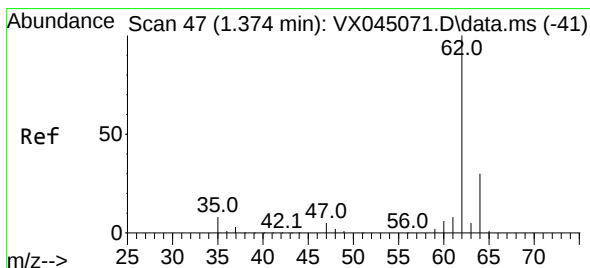
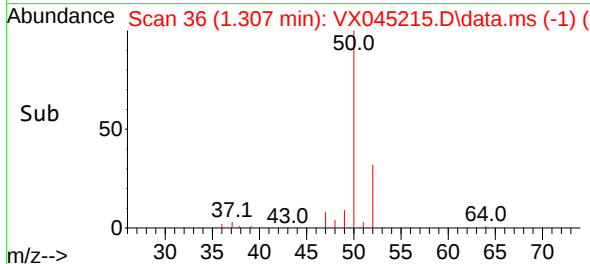
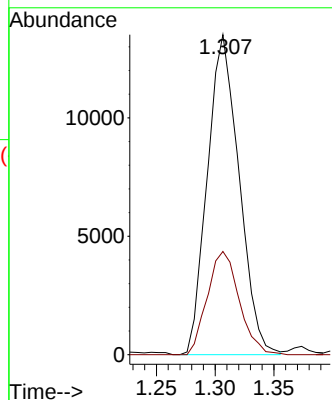
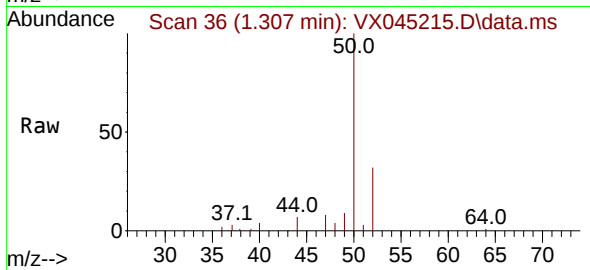
#3
Chloromethane
Concen: 17.909 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 50 Resp: 25404
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

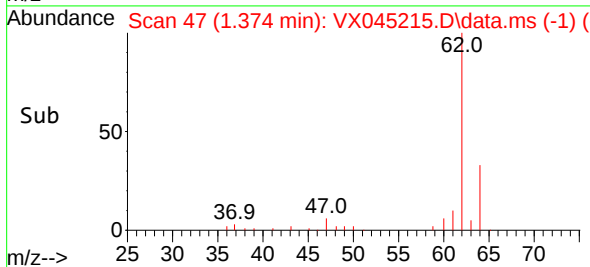
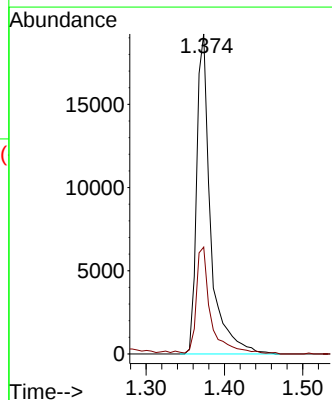
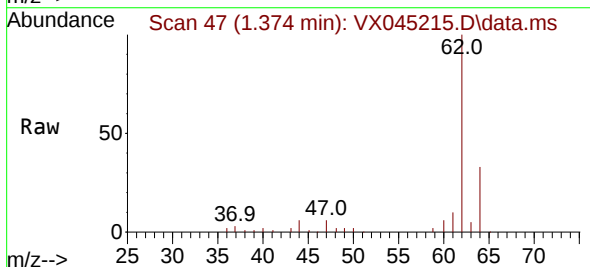
Manual Integrations
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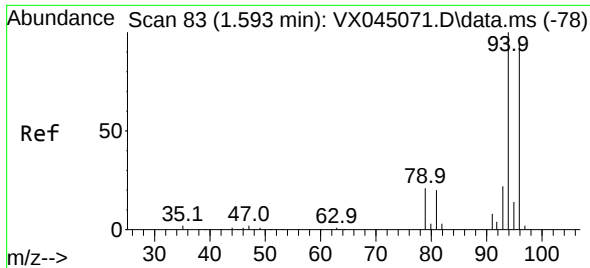
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#4
Vinyl Chloride
Concen: 16.928 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

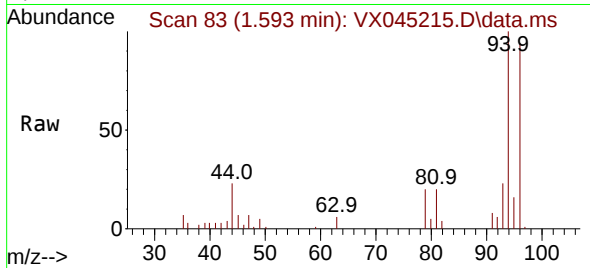
Tgt Ion: 62 Resp: 23820
Ion Ratio Lower Upper
62 100
64 33.4 24.3 36.5





#5
Bromomethane
Concen: 19.112 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

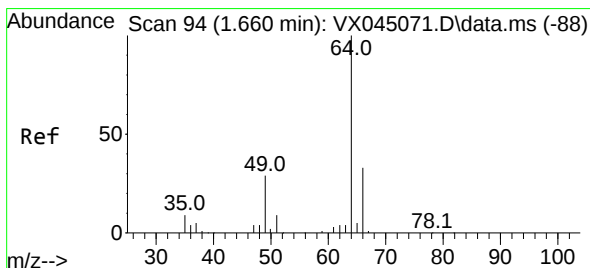
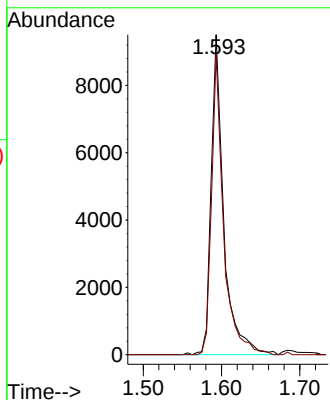
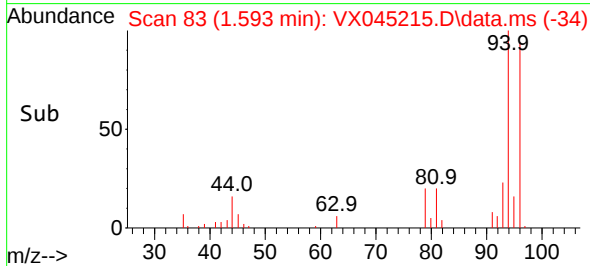
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 94 Resp: 10572
Ion Ratio Lower Upper
94 100
96 93.8 75.0 112.4

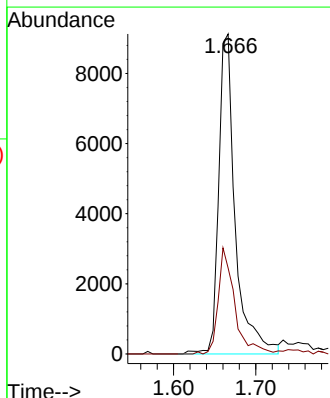
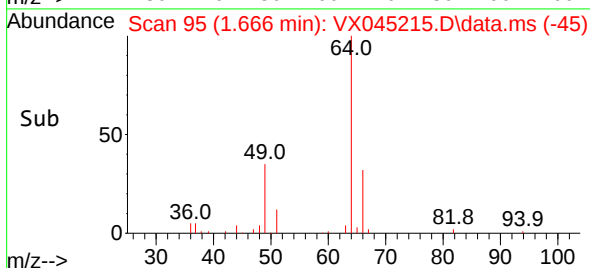
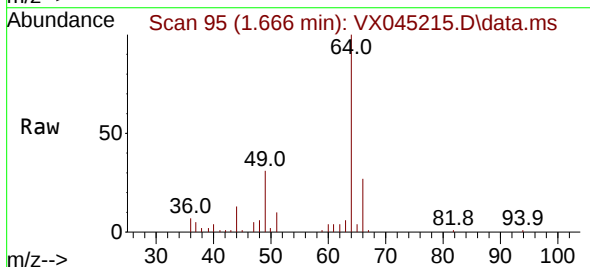
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#6
Chloroethane
Concen: 19.661 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

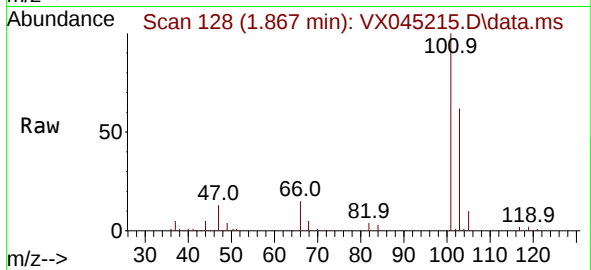
Tgt Ion: 64 Resp: 12761
Ion Ratio Lower Upper
64 100
66 26.8 26.7 40.1





#7
Trichlorofluoromethane
Concen: 18.670 ug/l
RT: 1.867 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

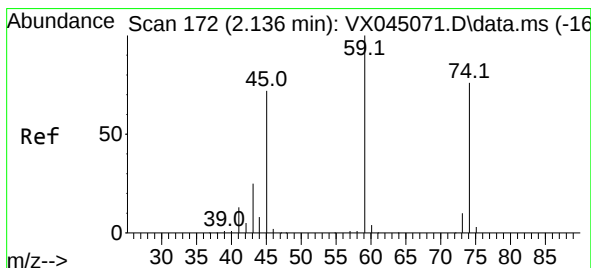
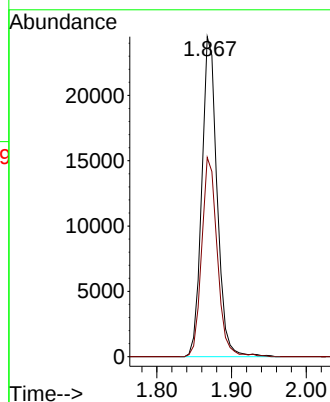
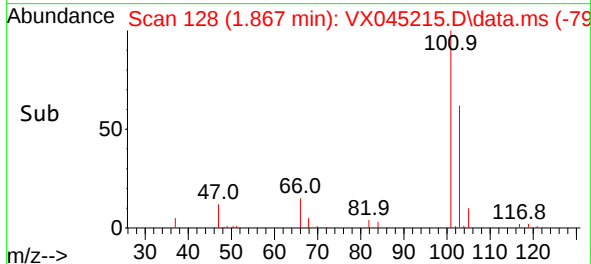
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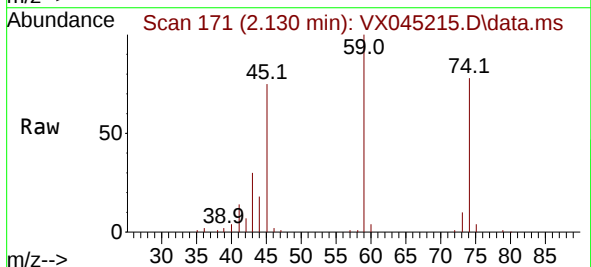
Tgt Ion:101 Resp: 34778
Ion Ratio Lower Upper
101 100
103 62.3 52.1 78.1

Manual Integrations
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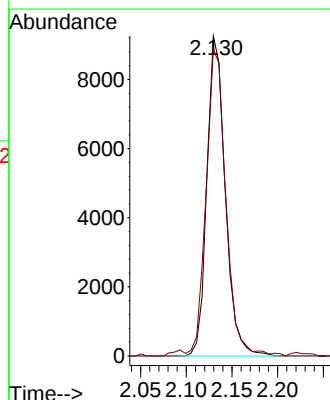
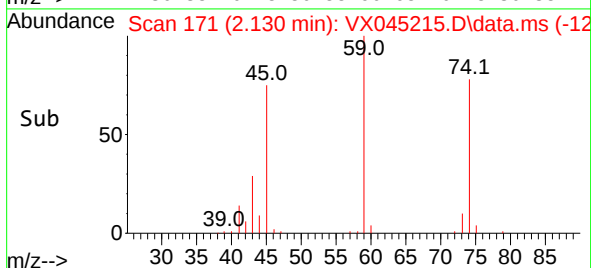
Reviewed By :John Carlone 03/12/2025
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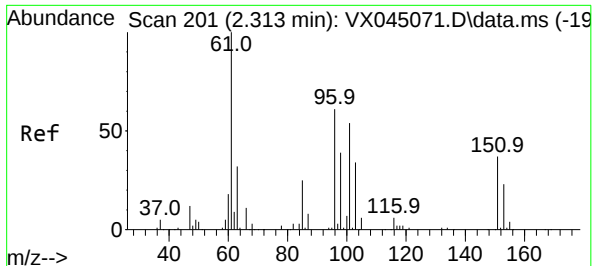


#8
Diethyl Ether
Concen: 17.718 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40



Tgt Ion: 74 Resp: 12910
Ion Ratio Lower Upper
74 100
45 104.1 51.5 154.5





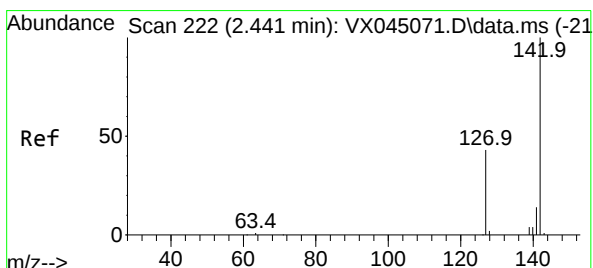
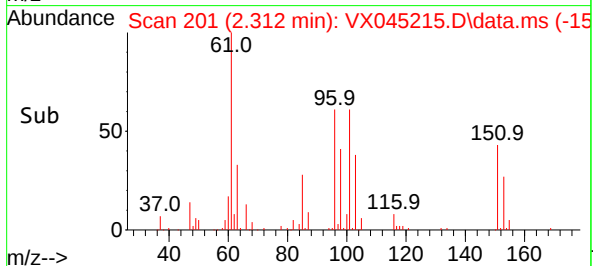
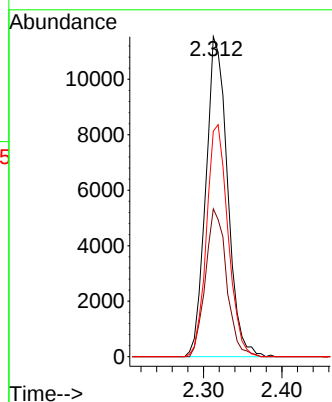
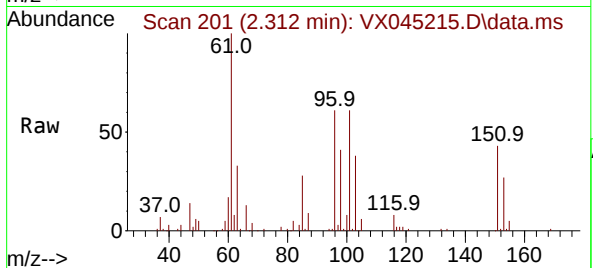
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.696 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045215.D
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Tgt Ion:101 Resp: 22149
Ion Ratio Lower Upper
101 100
85 45.0 36.2 54.4
151 71.9 56.4 84.6

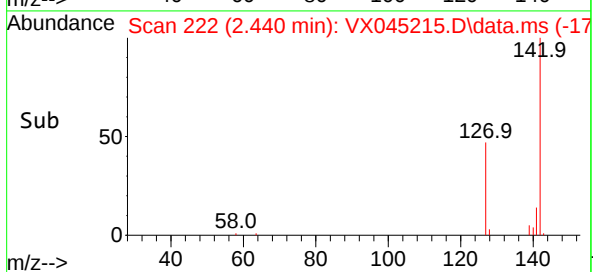
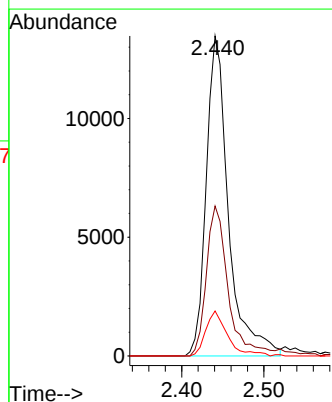
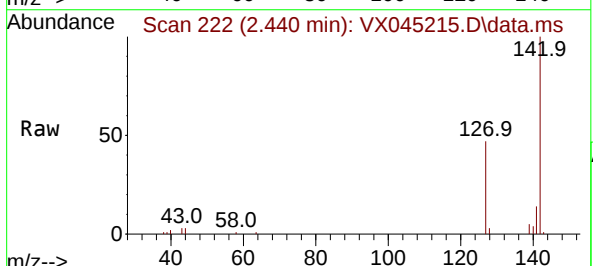
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#10
Methyl Iodide
Concen: 18.912 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion:142 Resp: 25294
Ion Ratio Lower Upper
142 100
127 47.6 35.4 53.2
141 13.9 11.6 17.4





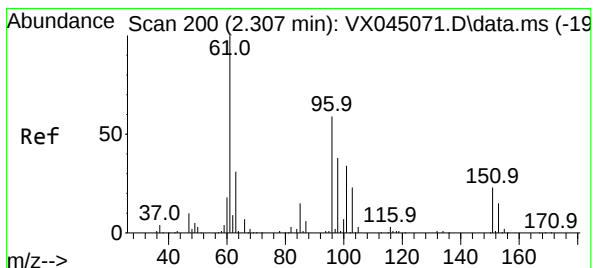
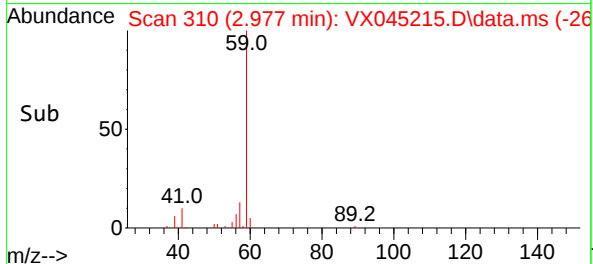
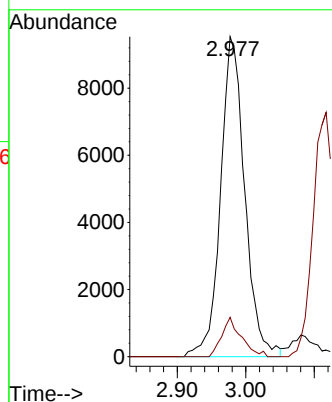
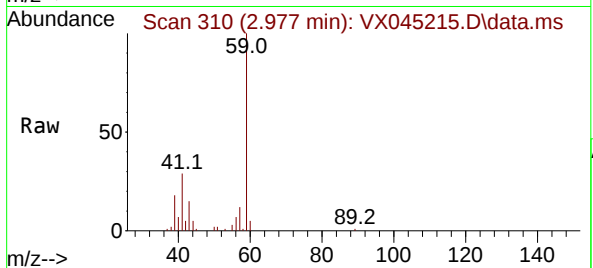
#11
Tert butyl alcohol
Concen: 84.116 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 59 Resp: 2333
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

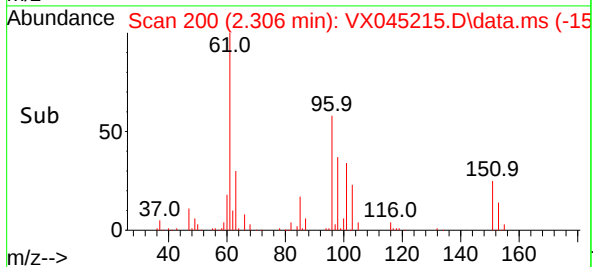
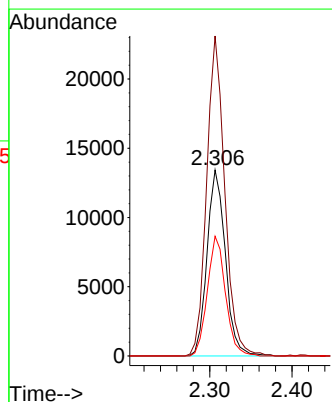
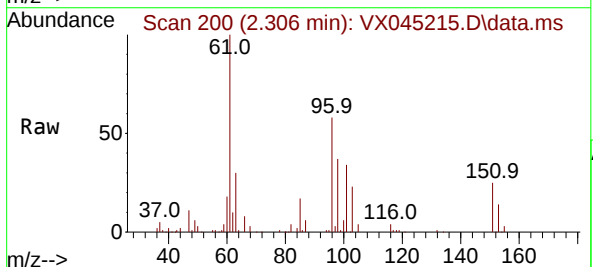
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#12
1,1-Dichloroethene
Concen: 18.403 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

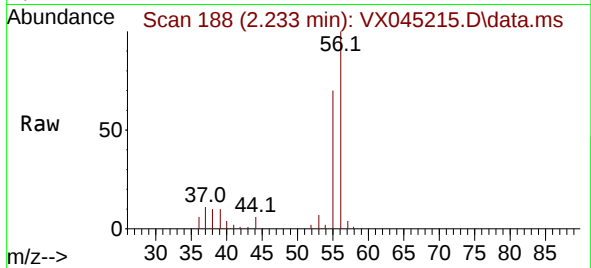
Tgt Ion: 96 Resp: 20823
Ion Ratio Lower Upper
96 100
61 172.1 134.6 202.0
98 64.4 51.0 76.6





#13
Acrolein
Concen: 79.103 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

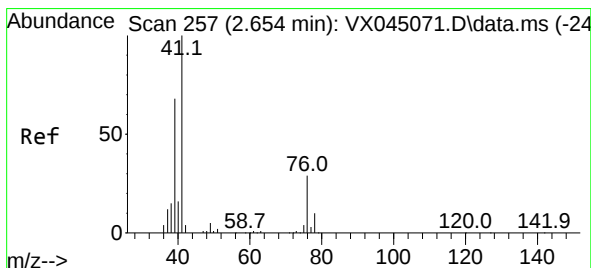
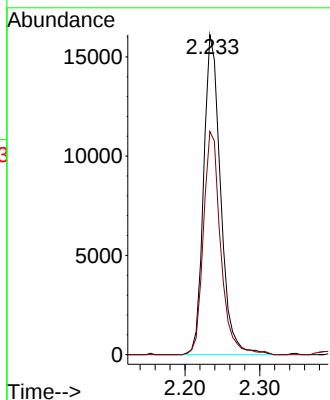
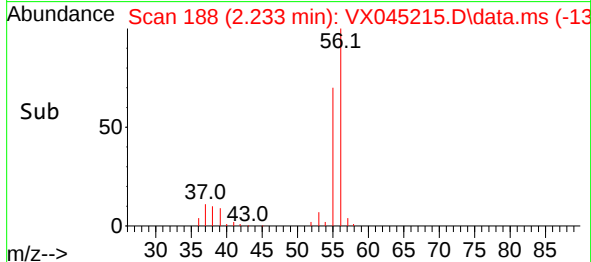
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 56 Resp: 25369
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.4

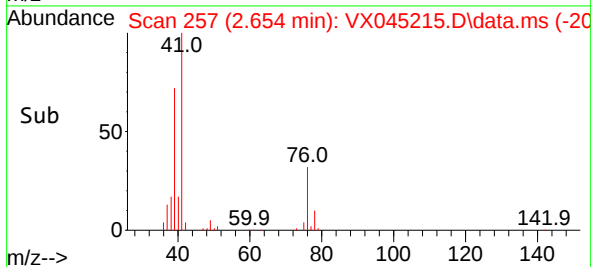
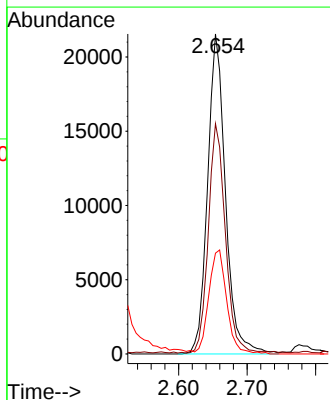
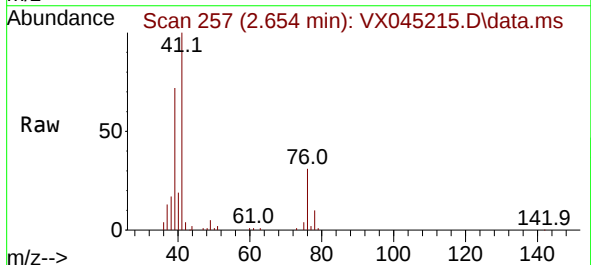
Manual Integrations
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Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#14
Allyl chloride
Concen: 19.468 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

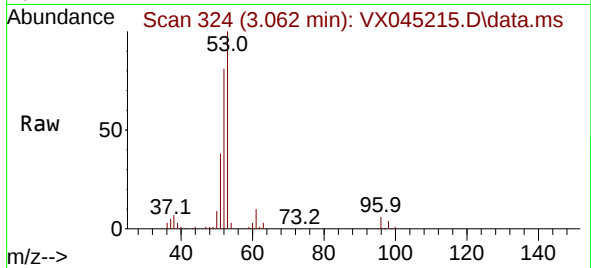
Tgt Ion: 41 Resp: 39210
Ion Ratio Lower Upper
41 100
39 68.5 53.8 80.8
76 32.6 25.2 37.8





#15
Acrylonitrile
Concen: 101.896 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

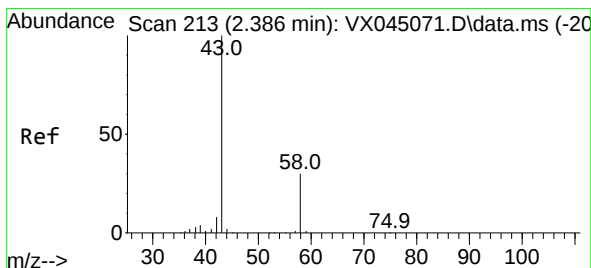
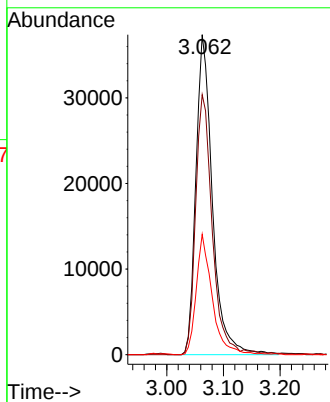
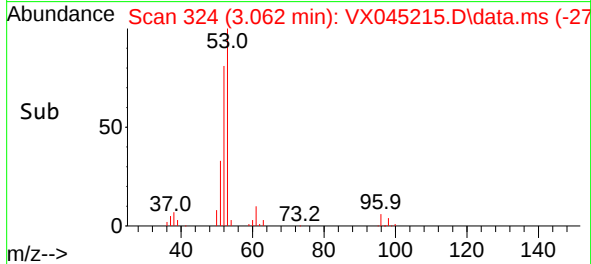
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 53 Resp: 75760
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.2
51 36.4 29.0 43.4

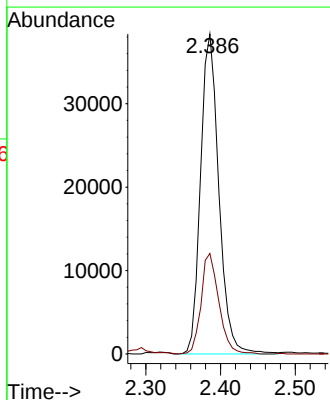
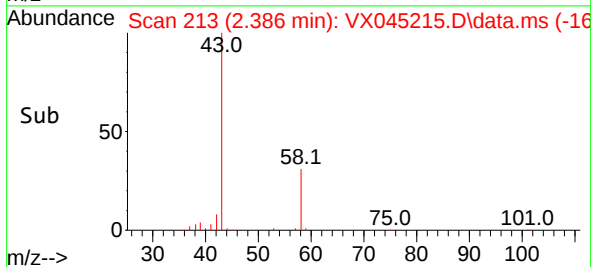
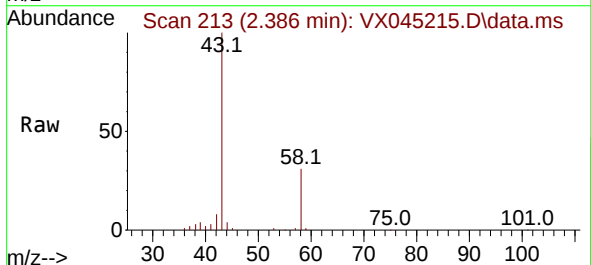
Manual Integrations
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Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#16
Acetone
Concen: 96.039 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

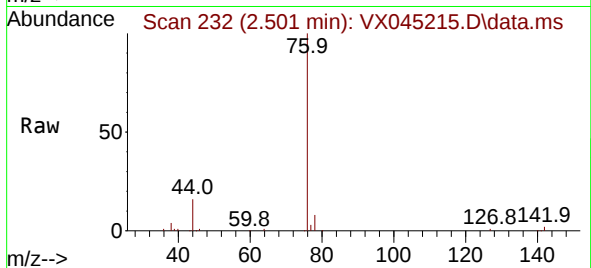
Tgt Ion: 43 Resp: 65266
Ion Ratio Lower Upper
43 100
58 31.4 24.2 36.4





#17
Carbon Disulfide
Concen: 16.444 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

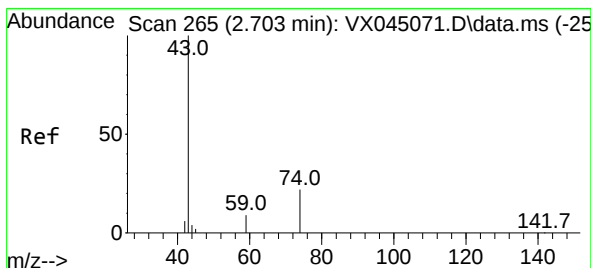
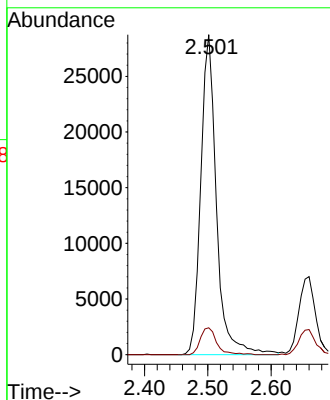
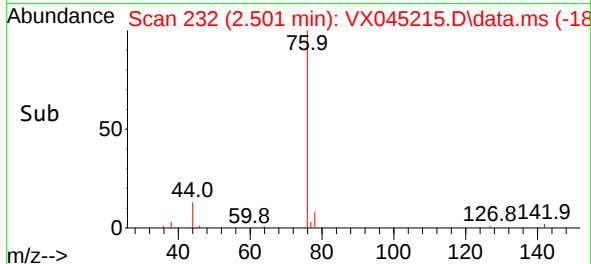
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 76 Resp: 49550
Ion Ratio Lower Upper
76 100
78 8.4 6.6 9.8

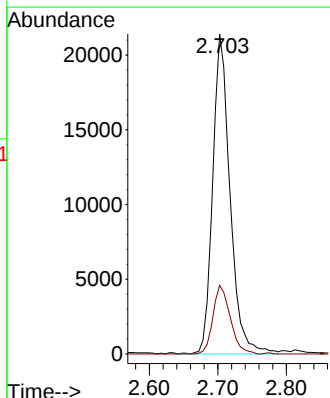
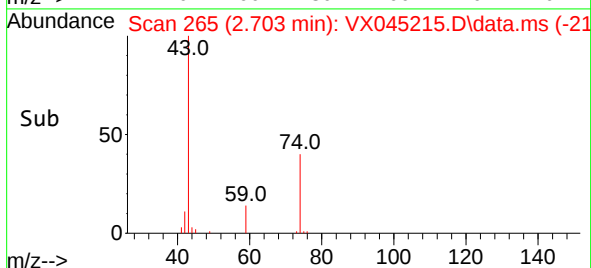
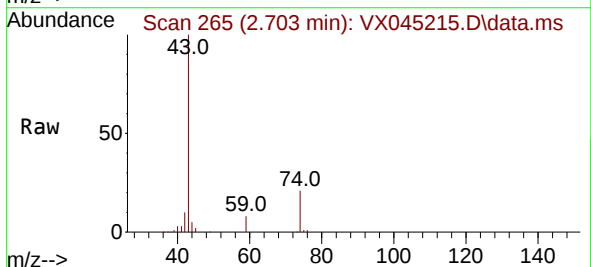
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APPROVED

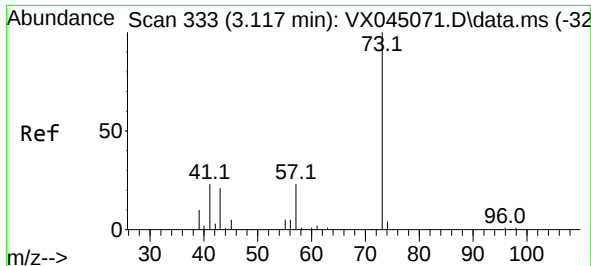
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#18
Methyl Acetate
Concen: 22.967 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 43 Resp: 37547
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.2





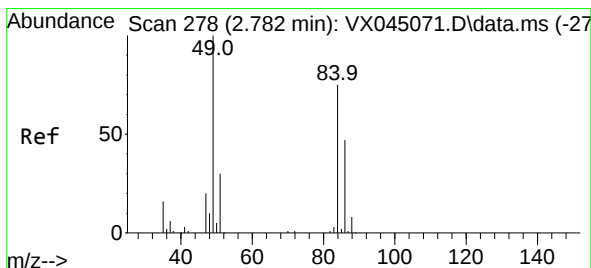
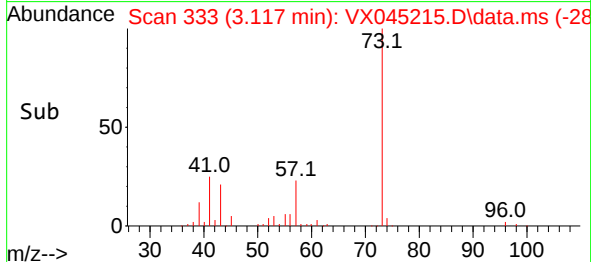
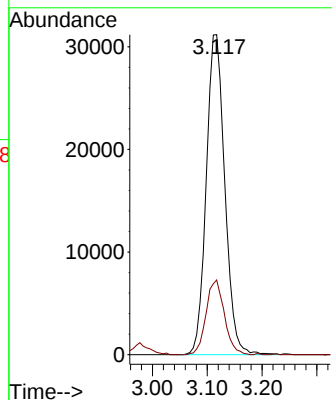
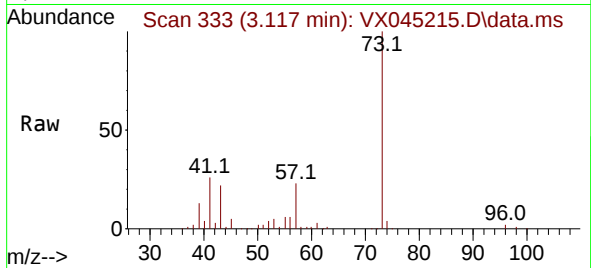
#19
Methyl tert-butyl Ether
Concen: 19.270 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 73 Resp: 73152
Ion Ratio Lower Upper
73 100
57 23.3 18.5 27.7

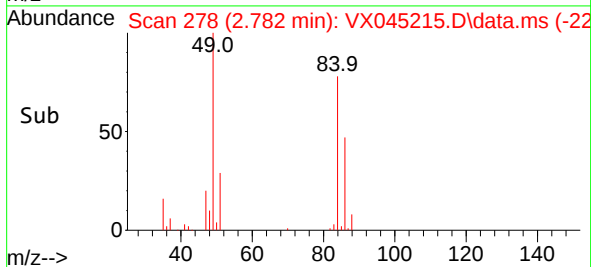
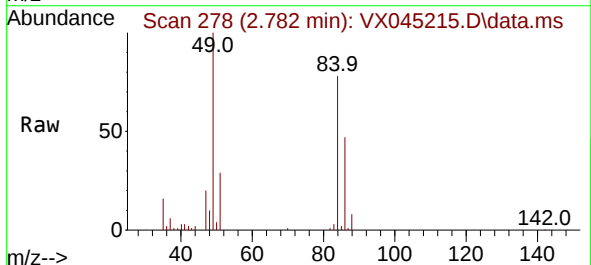
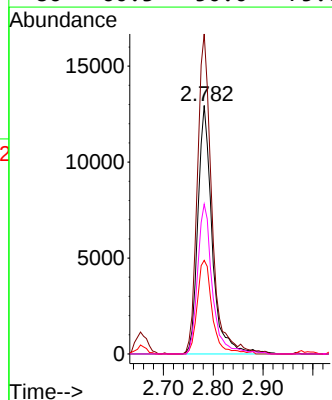
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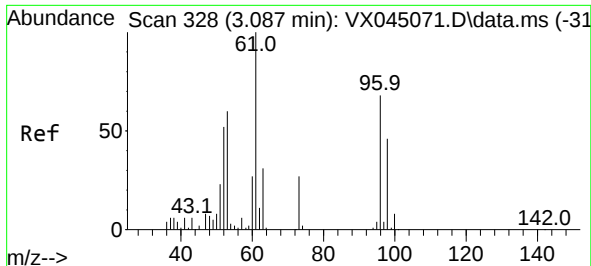
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#20
Methylene Chloride
Concen: 19.167 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 84 Resp: 25802
Ion Ratio Lower Upper
84 100
49 128.8 106.5 159.7
51 37.7 32.1 48.1
86 60.3 50.0 75.0





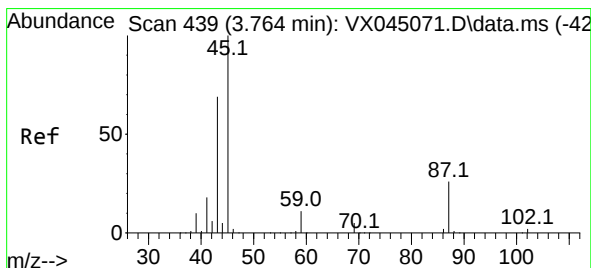
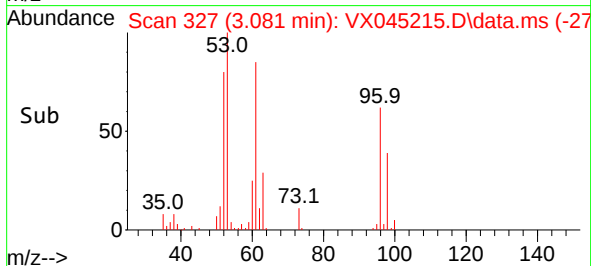
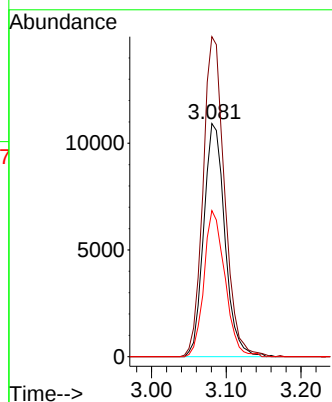
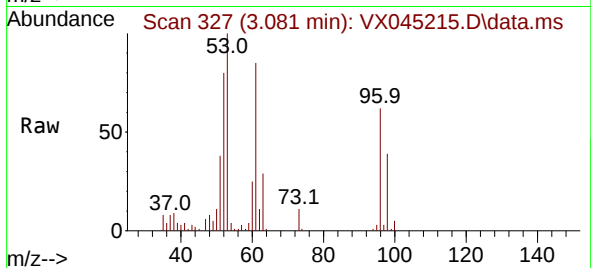
#21
trans-1,2-Dichloroethene
Concen: 19.168 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 96 Resp: 2142
Ion Ratio Lower Upper
96 100
61 137.3 117.0 175.4
98 62.7 53.4 80.2

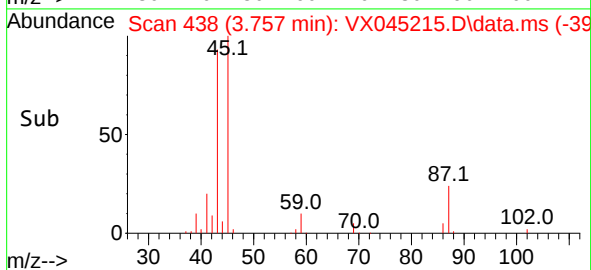
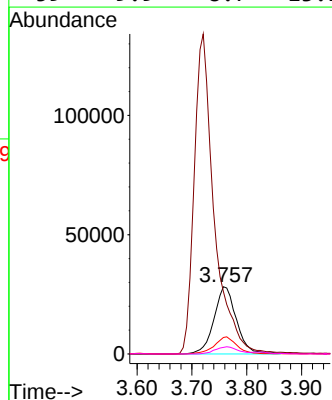
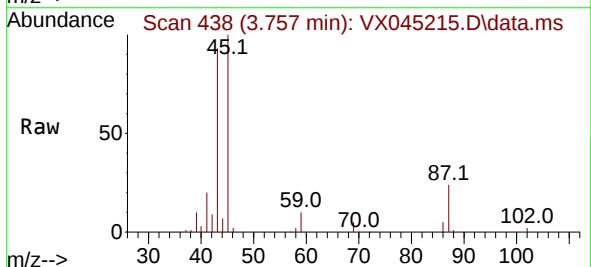
Manual Integrations
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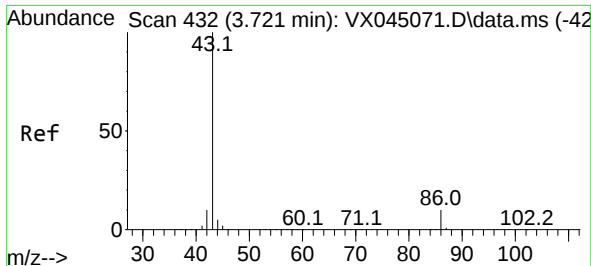
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#22
Diisopropyl ether
Concen: 19.499 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

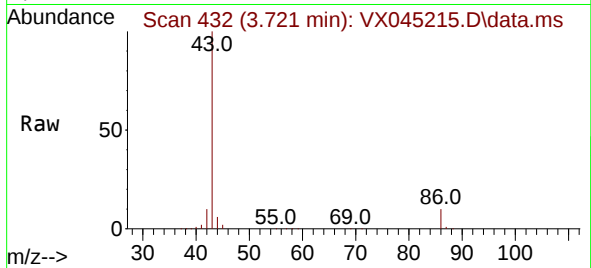
Tgt Ion: 45 Resp: 79872
Ion Ratio Lower Upper
45 100
43 91.5 54.9 82.3#
87 24.5 21.0 31.4
59 9.9 8.7 13.1





#23
 Vinyl Acetate
 Concen: 99.830 ug/l
 RT: 3.721 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: VX045215.D
 Acq: 11 Mar 2025 11:40

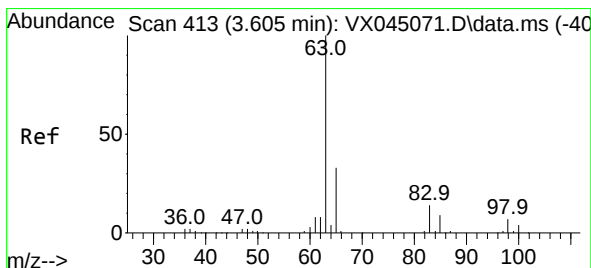
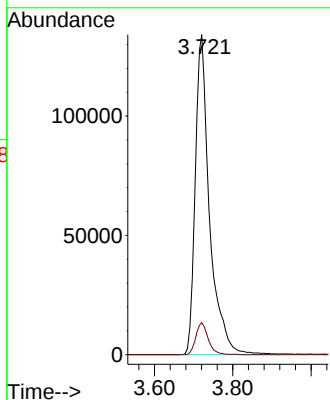
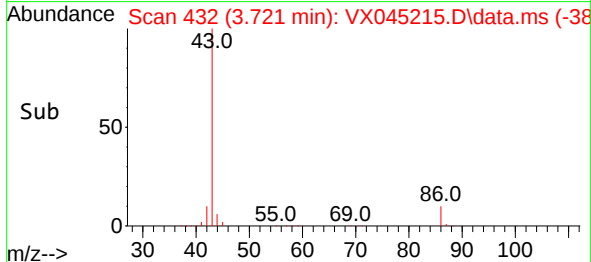
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01



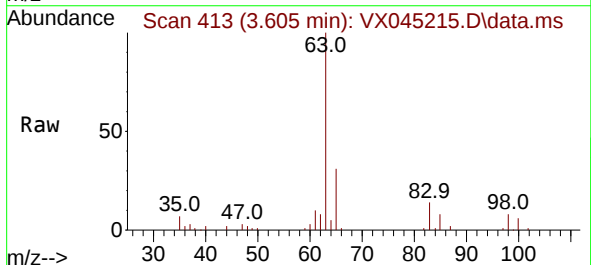
Tgt Ion: 43 Resp: 34125
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

Manual Integrations
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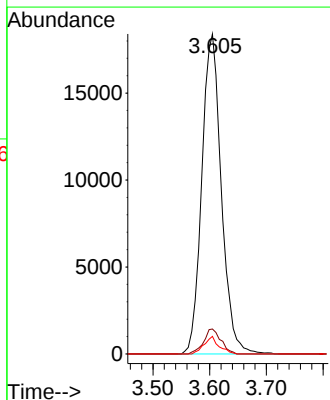
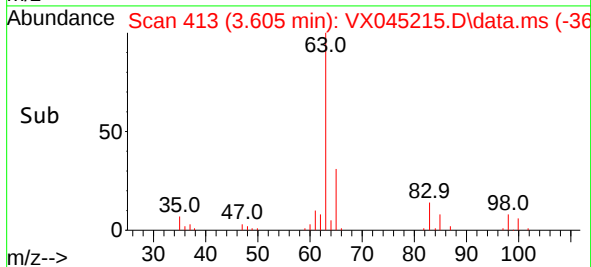
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#24
 1,1-Dichloroethane
 Concen: 19.162 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045215.D
 Acq: 11 Mar 2025 11:40



Tgt Ion: 63 Resp: 43990
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.2
 100 5.5 2.1 6.5





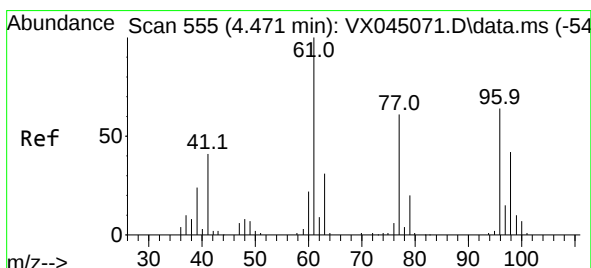
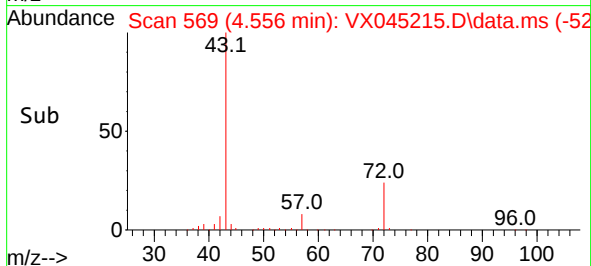
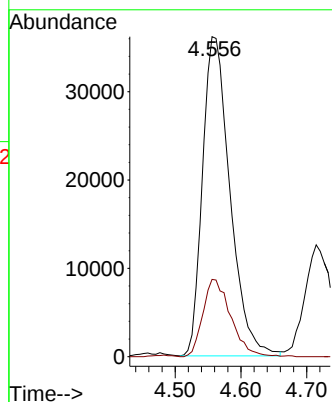
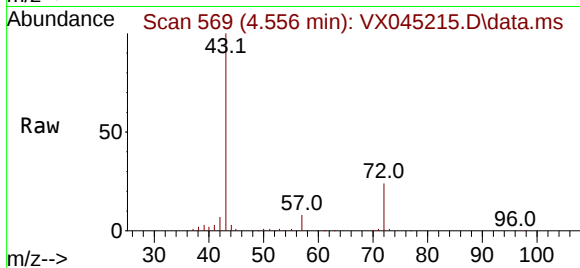
#25
2-Butanone
Concen: 102.904 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 43 Resp: 10526
Ion Ratio Lower Upper
43 100
72 24.2 20.0 30.0

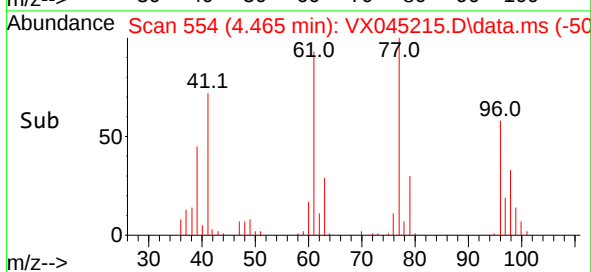
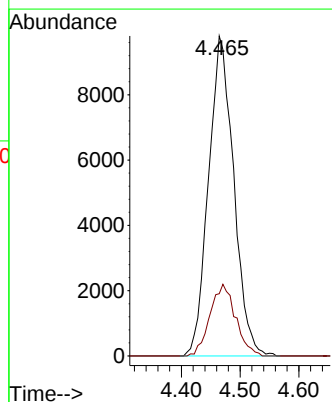
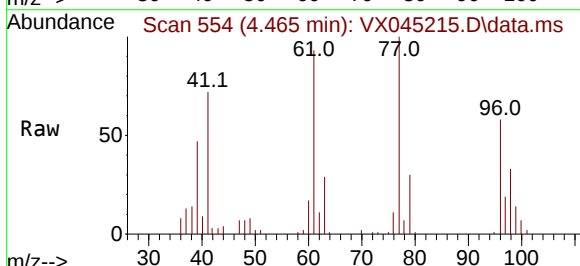
Manual Integrations
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Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#26
2,2-Dichloropropane
Concen: 27.101 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

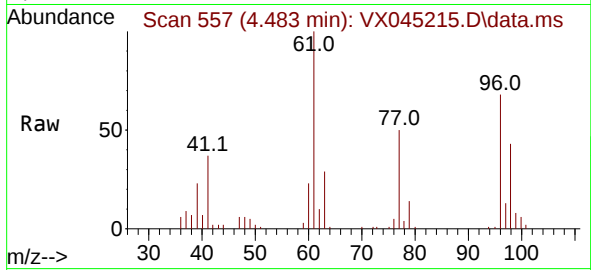
Tgt Ion: 77 Resp: 29182
Ion Ratio Lower Upper
77 100
97 22.8 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.212 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045215.D
 Acq: 11 Mar 2025 11:40

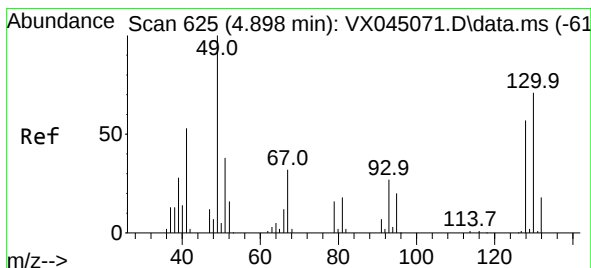
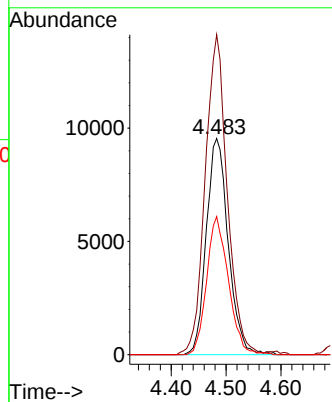
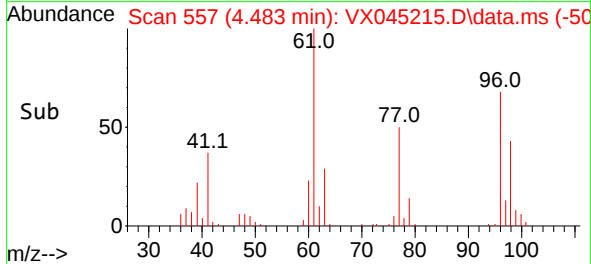
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01



Tgt Ion: 96 Resp: 2651
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 283.2
 98 63.4 0.0 128.0

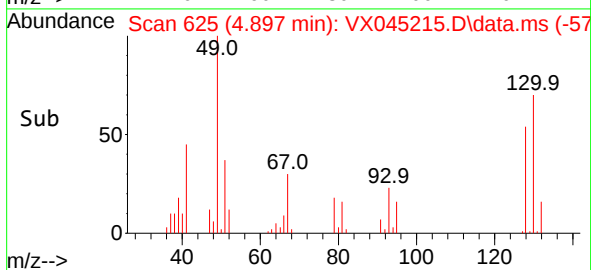
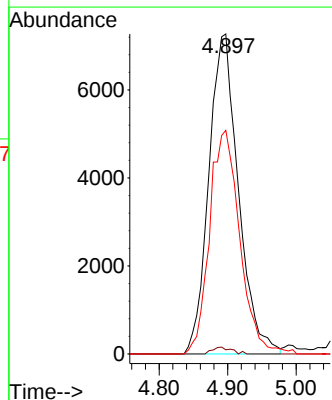
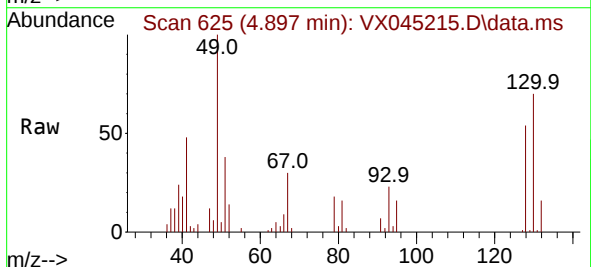
Manual Integrations
 APPROVED

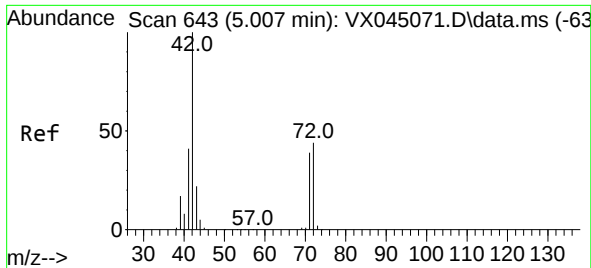
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#28
 Bromochloromethane
 Concen: 19.924 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX045215.D
 Acq: 11 Mar 2025 11:40

Tgt Ion: 49 Resp: 21801
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.4
 130 71.4 56.1 84.1





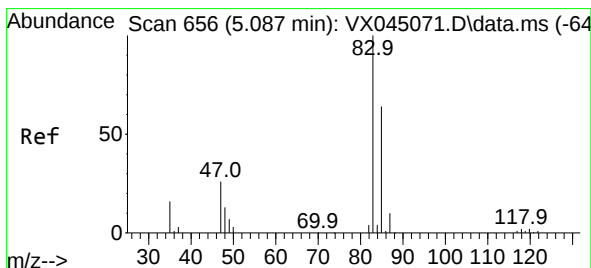
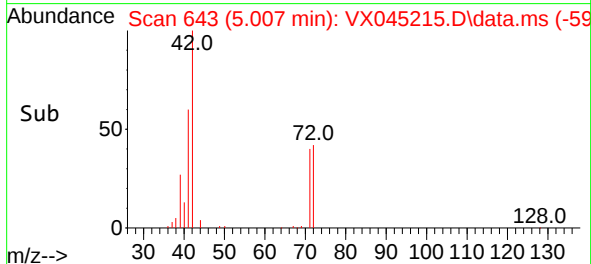
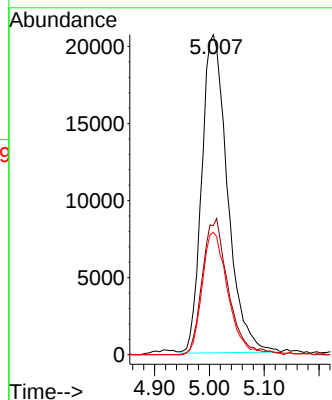
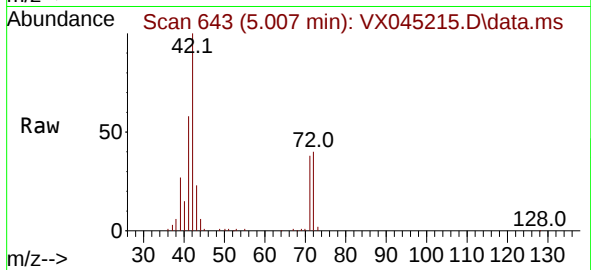
#29
Tetrahydrofuran
Concen: 98.050 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 42 Resp: 6735
Ion Ratio Lower Upper
42 100
72 43.1 34.1 51.1
71 38.5 31.4 47.0

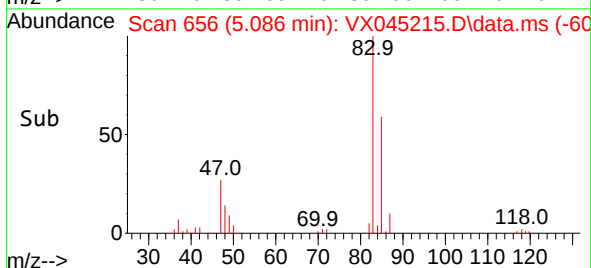
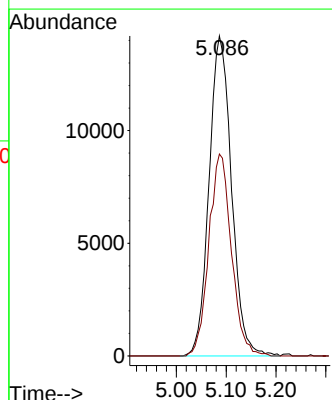
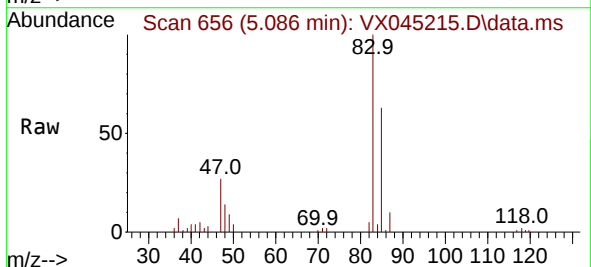
Manual Integrations
APPROVED

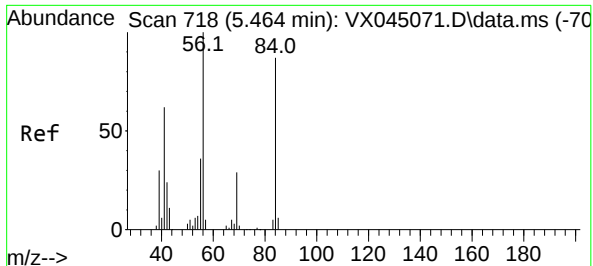
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#30
Chloroform
Concen: 19.477 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

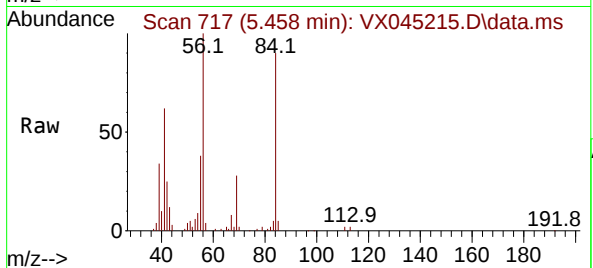
Tgt Ion: 83 Resp: 44426
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.2





#31
Cyclohexane
Concen: 19.062 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

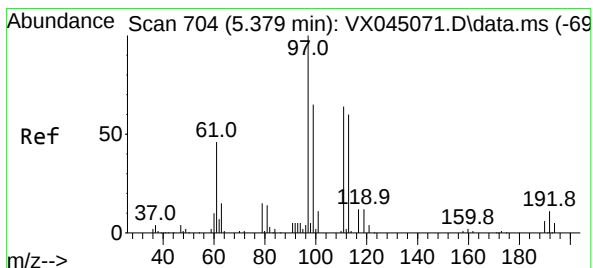
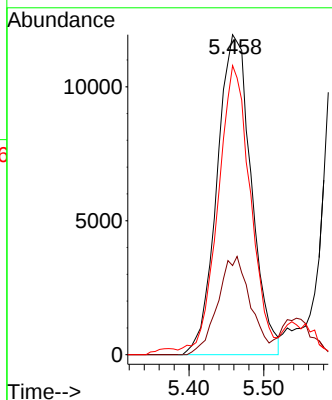
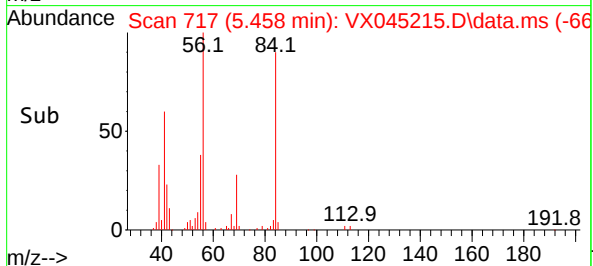
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



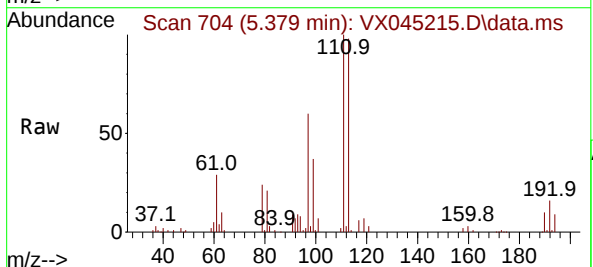
Tgt Ion: 56 Resp: 3798
Ion Ratio Lower Upper
56 100
69 27.9 23.4 35.2
84 88.9 69.4 104.2

Manual Integrations
APPROVED

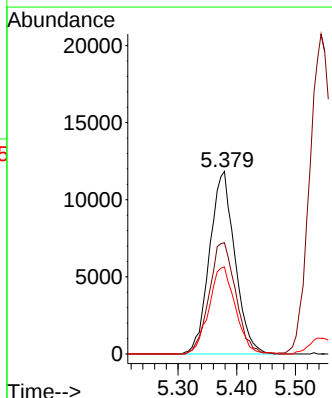
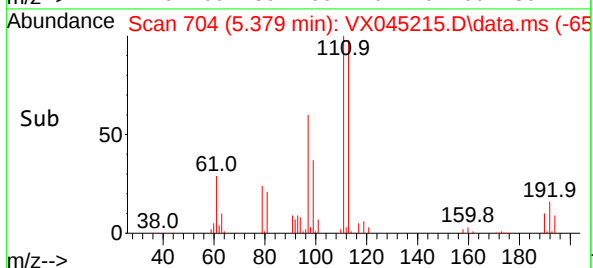
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

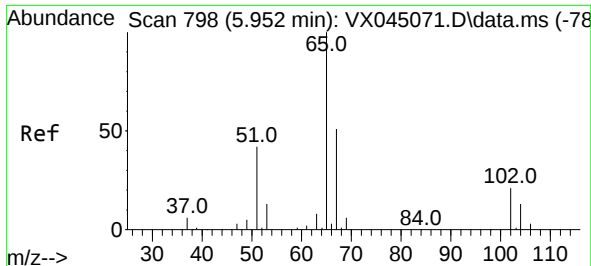


#32
1,1,1-Trichloroethane
Concen: 19.223 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40



Tgt Ion: 97 Resp: 35413
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 49.7 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 51.107 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 65 Resp: 74850

Ion Ratio Lower Upper

65 100

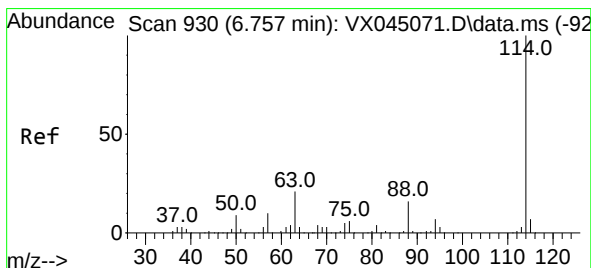
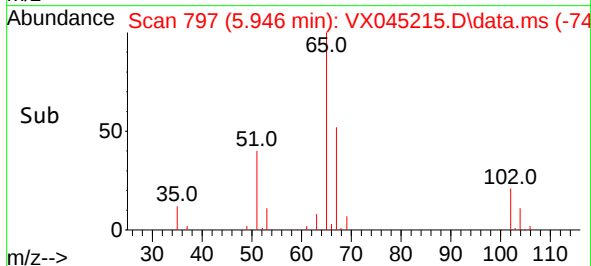
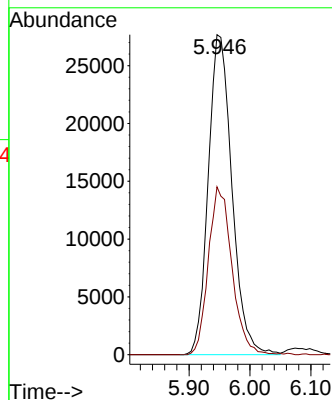
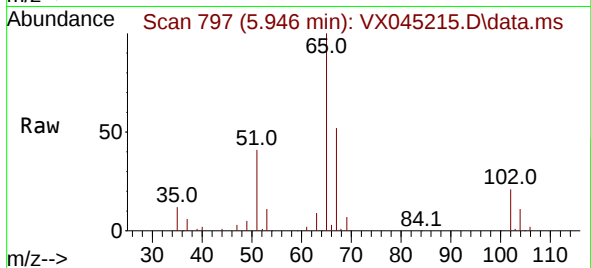
67 52.0 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

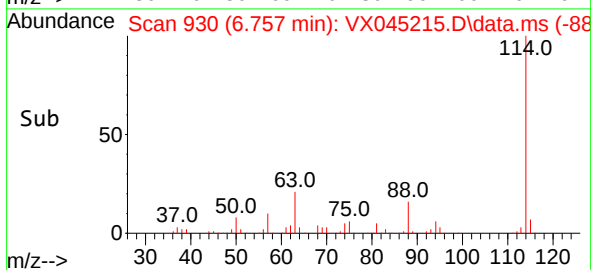
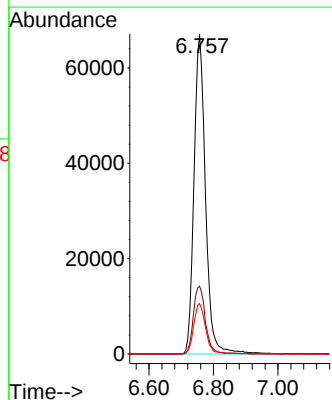
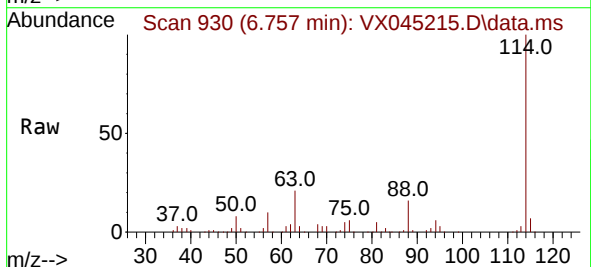
Tgt Ion:114 Resp: 166231

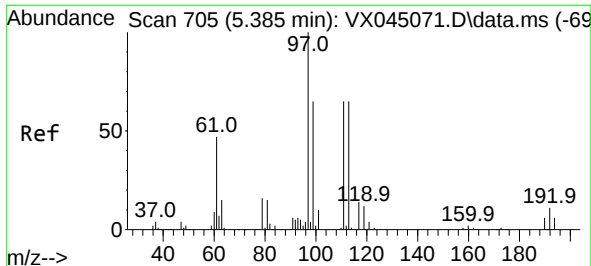
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

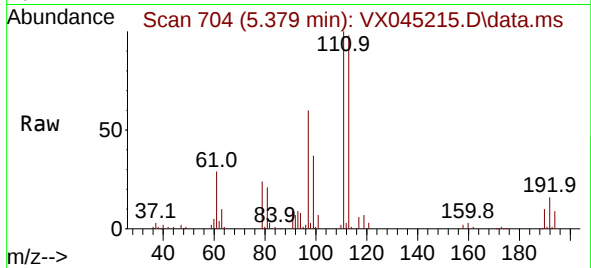
88 15.8 0.0 32.8





#35
Dibromofluoromethane
Concen: 50.961 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

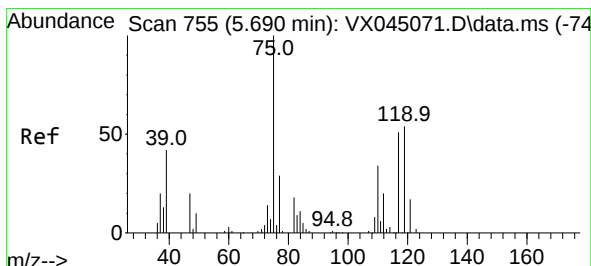
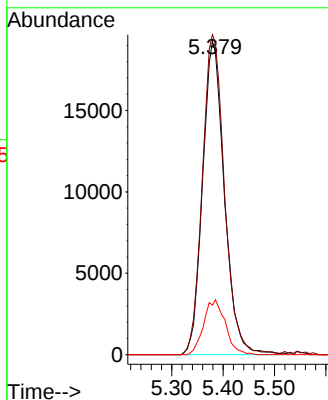
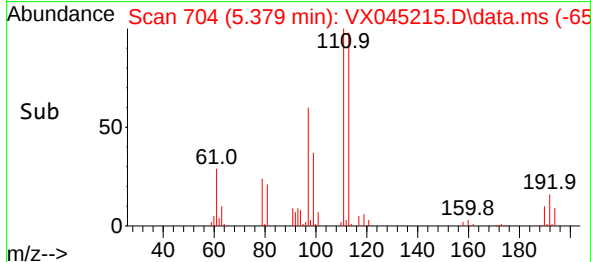
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 113 Resp: 5664
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 17.5 14.3 21.5

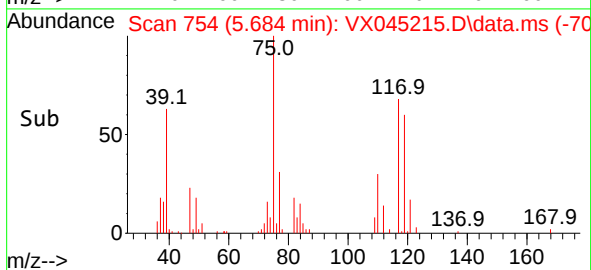
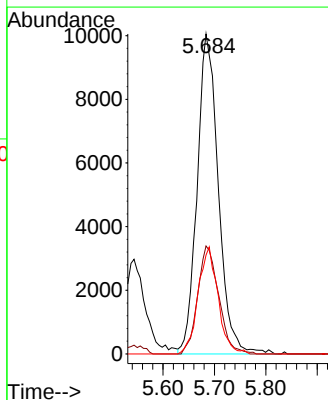
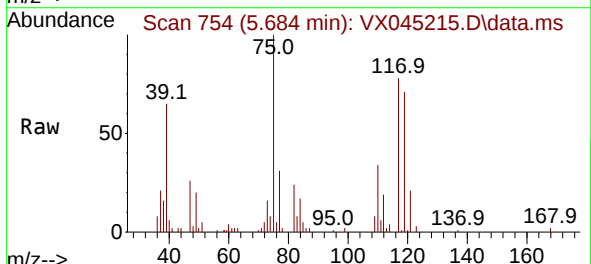
Manual Integrations
APPROVED

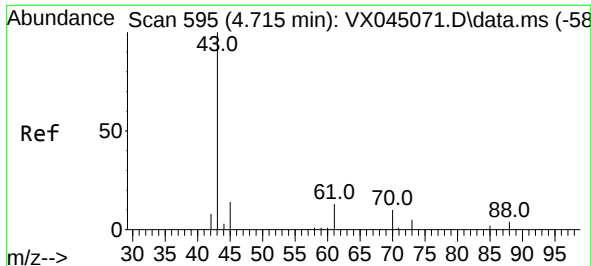
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#36
1,1-Dichloropropene
Concen: 18.925 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 75 Resp: 28849
Ion Ratio Lower Upper
75 100
110 33.4 16.9 50.6
77 31.4 24.5 36.7





#37

Ethyl Acetate

Concen: 18.433 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

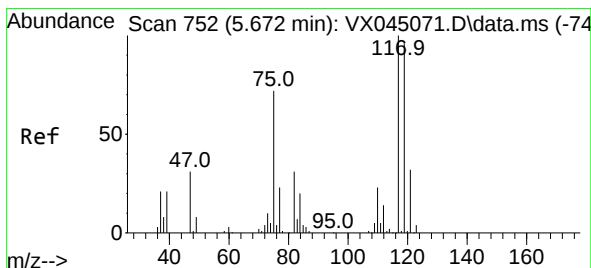
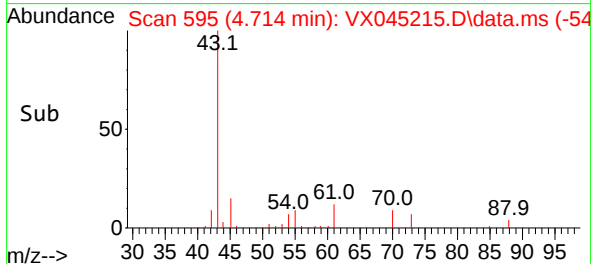
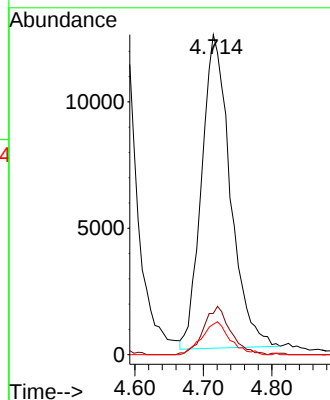
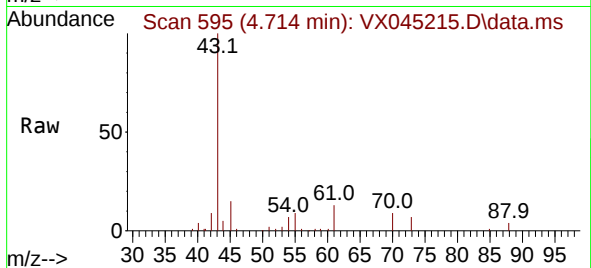
Tgt Ion:	43	Resp:	3620
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.8	16.2
70	10.2	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#38

Carbon Tetrachloride

Concen: 19.378 ug/l

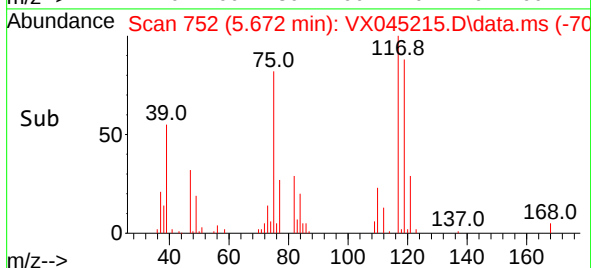
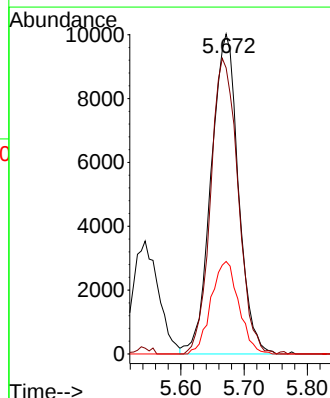
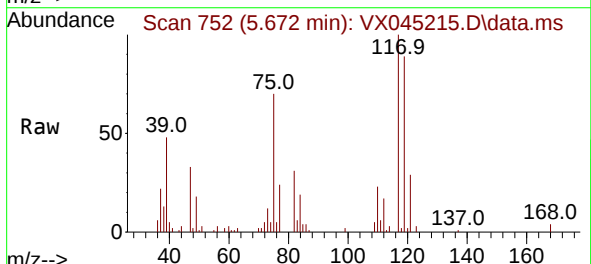
RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Tgt Ion:	117	Resp:	29989
Ion	Ratio	Lower	Upper
117	100		
119	89.4	76.7	115.1
121	28.9	25.5	38.3





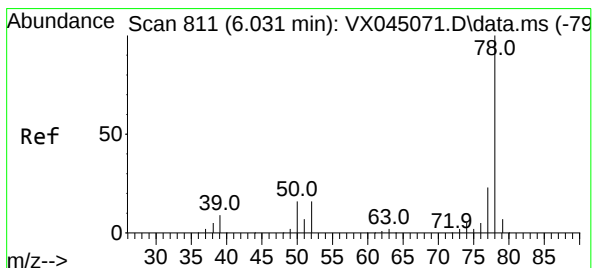
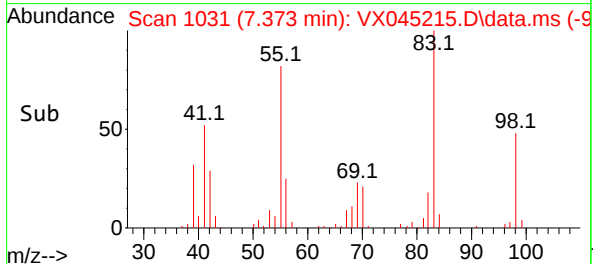
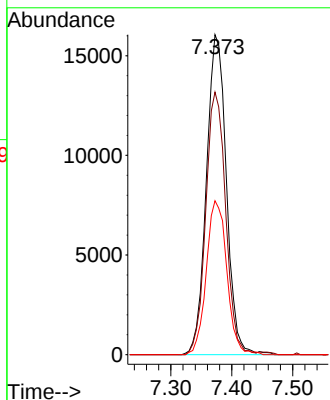
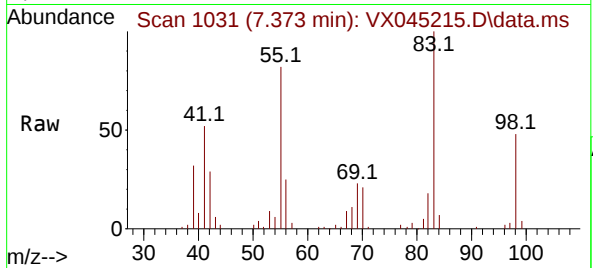
#39
Methylcyclohexane
Concen: 20.064 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 83 Resp: 3664
Ion Ratio Lower Upper
83 100
55 82.0 63.0 94.4
98 48.1 39.7 59.5

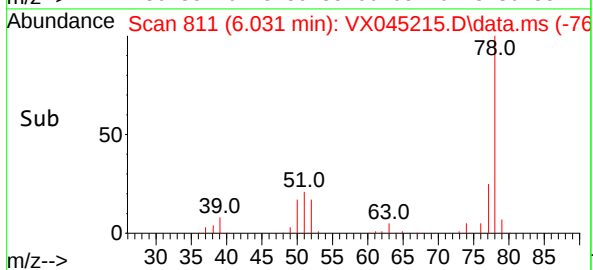
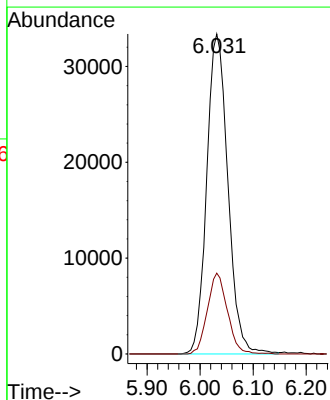
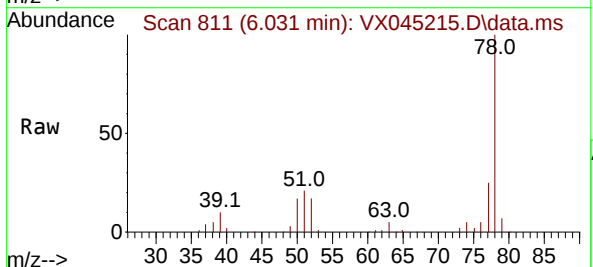
Manual Integrations
APPROVED

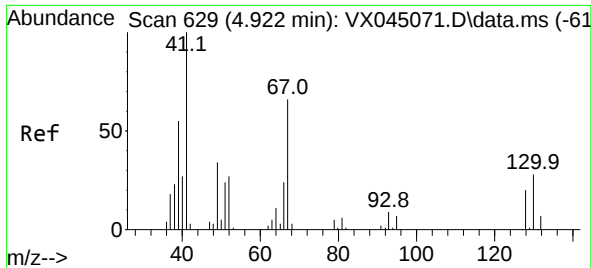
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#40
Benzene
Concen: 19.208 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

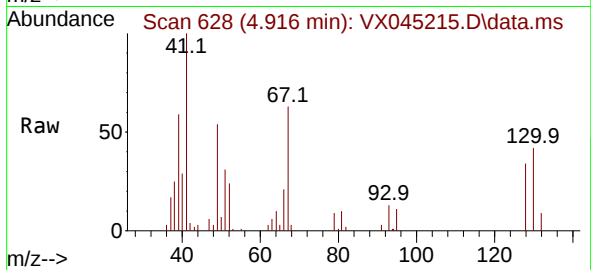
Tgt Ion: 78 Resp: 92458
Ion Ratio Lower Upper
78 100
77 25.3 18.8 28.2





#41
Methacrylonitrile
Concen: 20.493 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

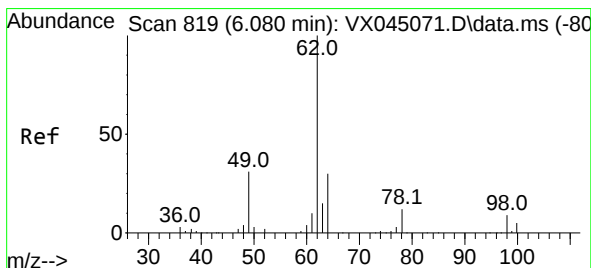
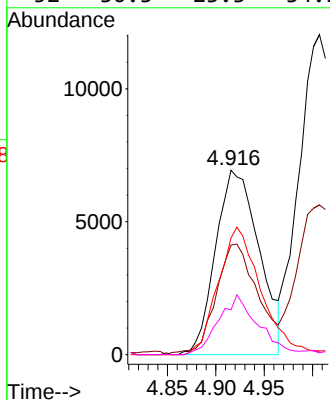
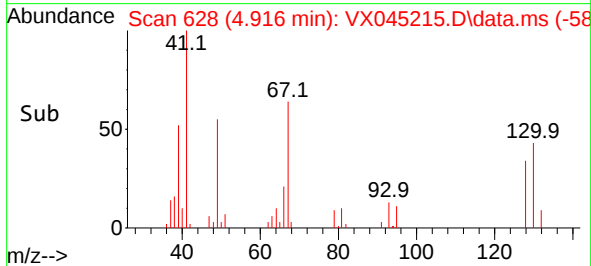
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 41 Resp: 21760
Ion Ratio Lower Upper
41 100
39 57.7 44.6 67.0
67 68.5 53.9 80.9
52 30.3 23.3 34.9

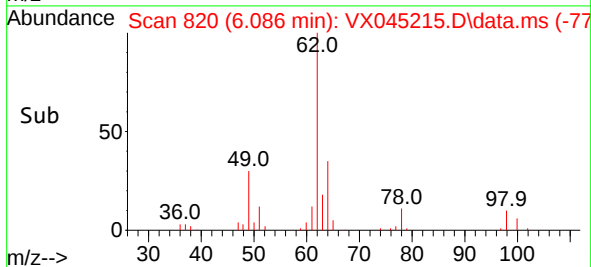
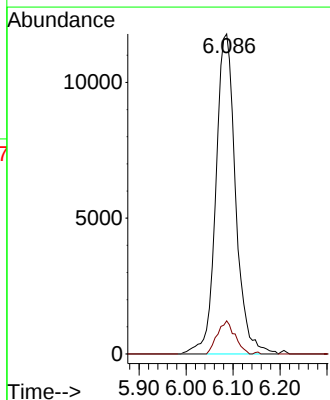
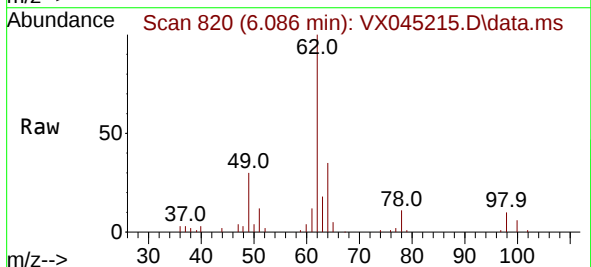
Manual Integrations
APPROVED

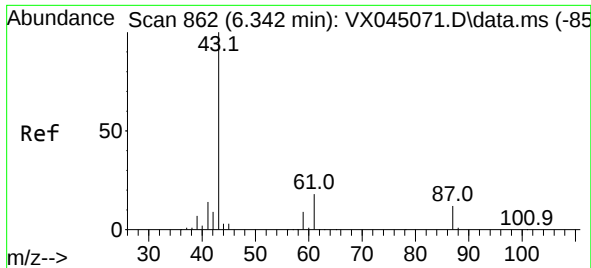
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#42
1,2-Dichloroethane
Concen: 19.864 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

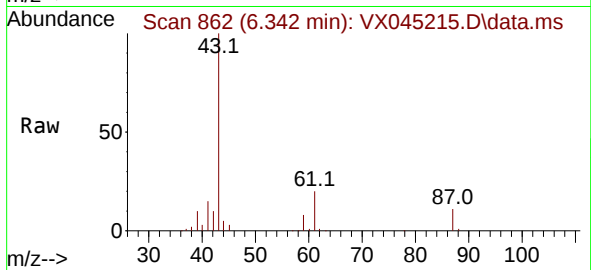
Tgt Ion: 62 Resp: 34432
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.2





#43
Isopropyl Acetate
Concen: 19.925 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

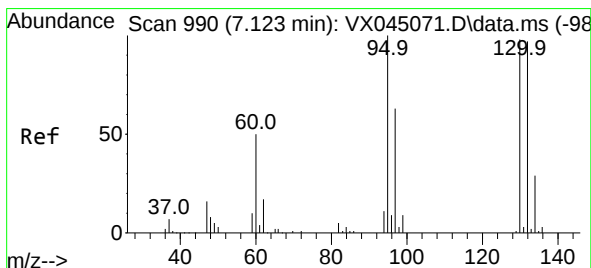
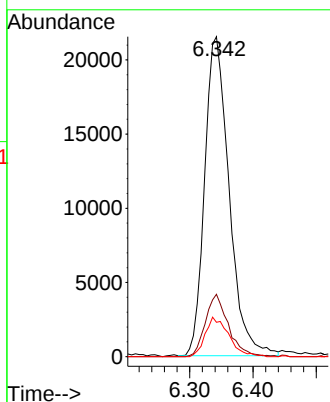
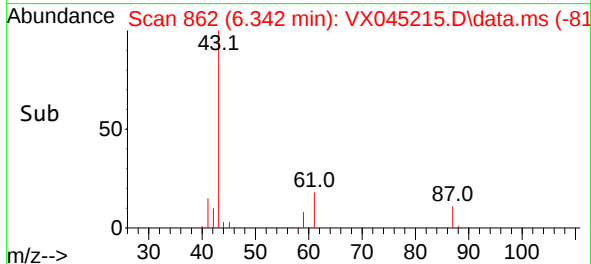
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 43 Resp: 5787
Ion Ratio Lower Upper
43 100
61 18.4 14.9 22.3
87 11.9 9.4 14.2

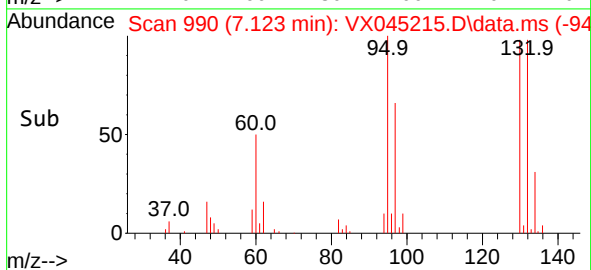
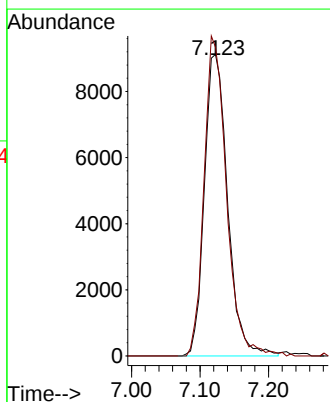
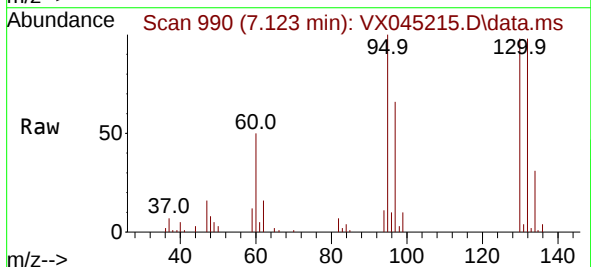
Manual Integrations
APPROVED

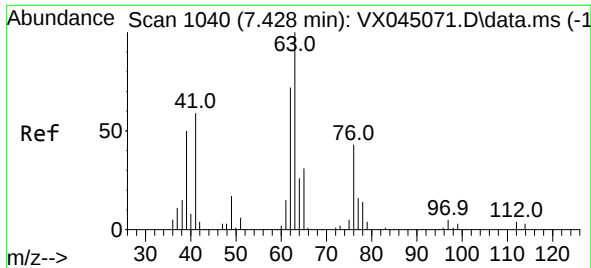
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#44
Trichloroethene
Concen: 19.021 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

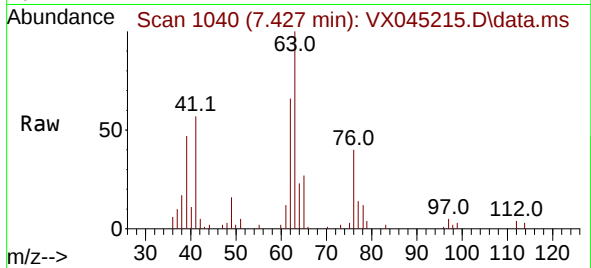
Tgt Ion:130 Resp: 21499
Ion Ratio Lower Upper
130 100
95 102.4 0.0 205.0





#45
1,2-Dichloropropane
Concen: 19.071 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

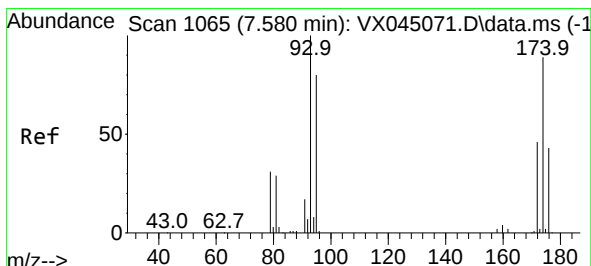
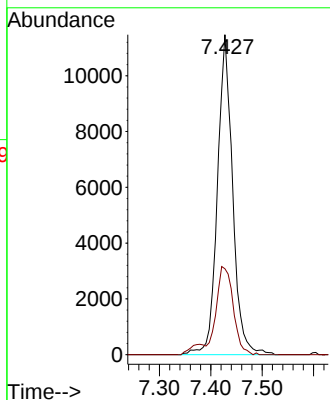
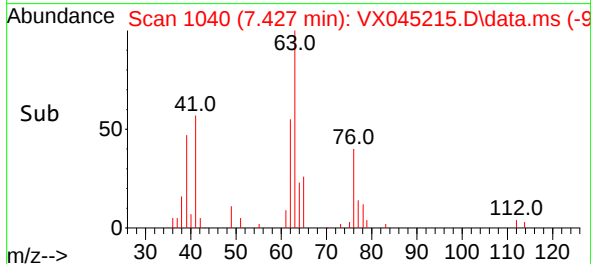
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 63 Resp: 2360
Ion Ratio Lower Upper
63 100
65 26.8 24.7 37.1

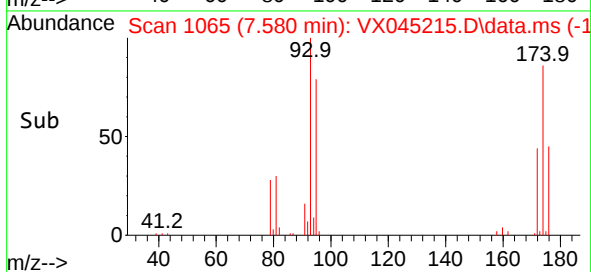
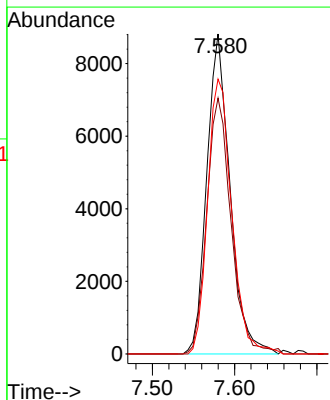
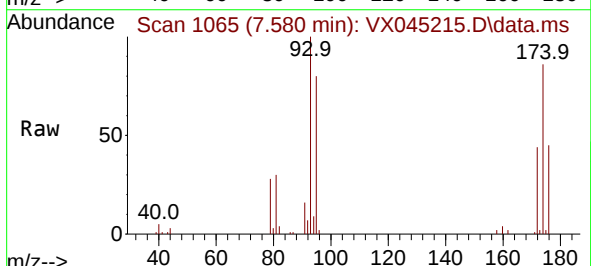
Manual Integrations
APPROVED

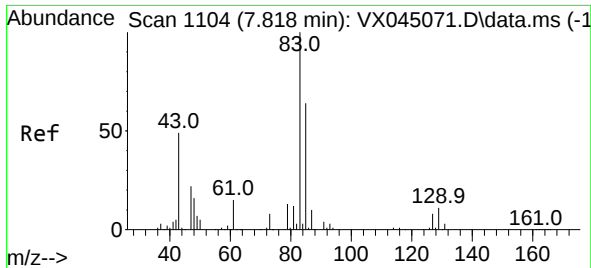
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#46
Dibromomethane
Concen: 19.824 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

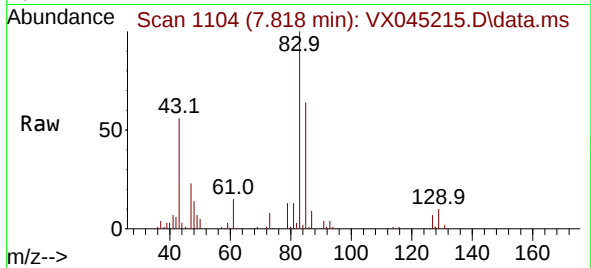
Tgt Ion: 93 Resp: 17341
Ion Ratio Lower Upper
93 100
95 83.6 65.8 98.8
174 89.0 72.2 108.2





#47
Bromodichloromethane
Concen: 19.769 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

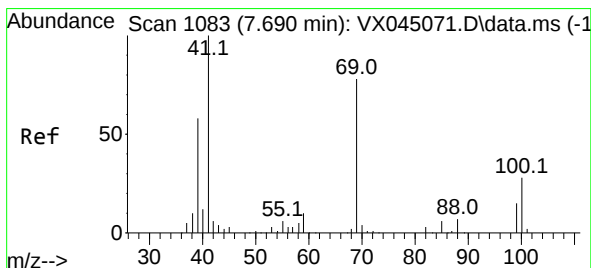
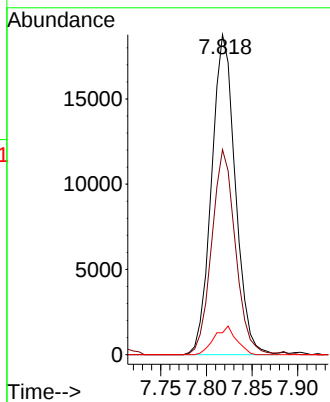
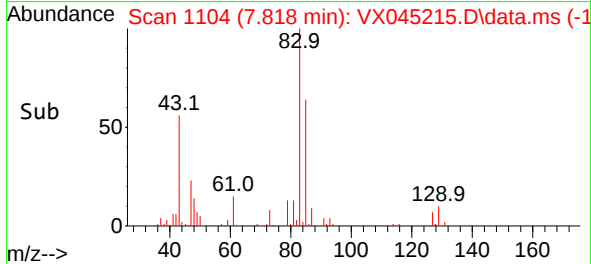
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



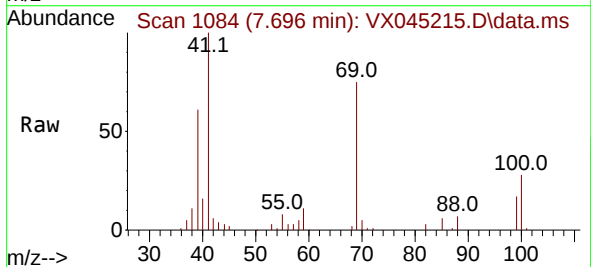
Tgt Ion: 83 Resp: 3392
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 6.8 6.4 9.6

Manual Integrations
APPROVED

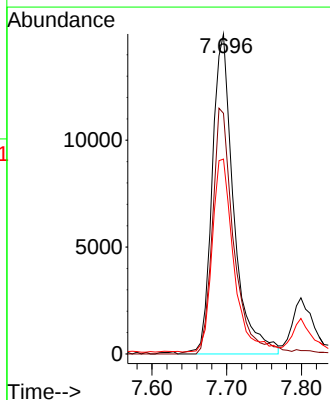
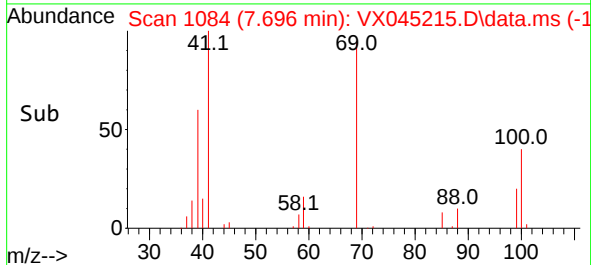
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

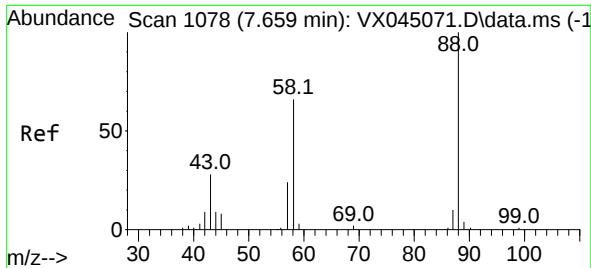


#48
Methyl methacrylate
Concen: 20.560 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40



Tgt Ion: 41 Resp: 29960
Ion Ratio Lower Upper
41 100
69 76.1 63.0 94.6
39 60.6 47.5 71.3





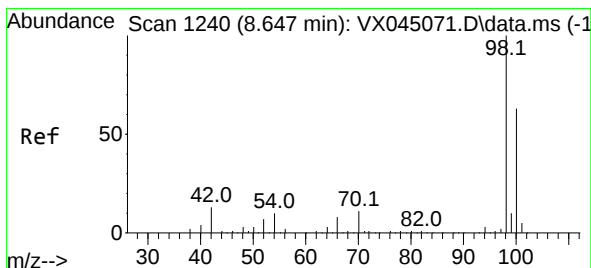
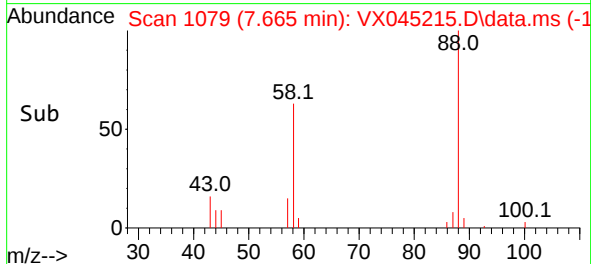
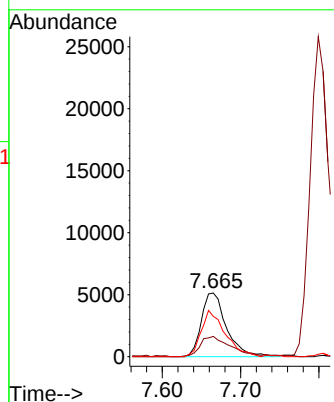
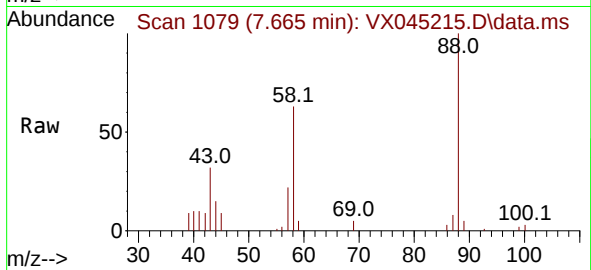
#49
1,4-Dioxane
Concen: 372.504 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 88 Resp: 11450
Ion Ratio Lower Upper
88 100
43 39.7 28.7 43.1
58 69.0 55.8 83.8

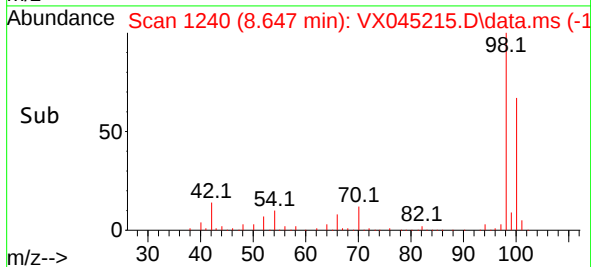
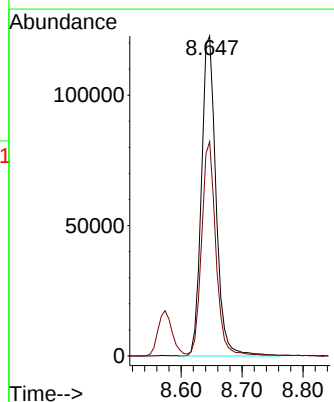
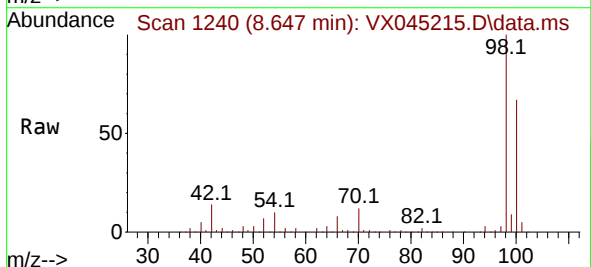
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#50
Toluene-d8
Concen: 50.659 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

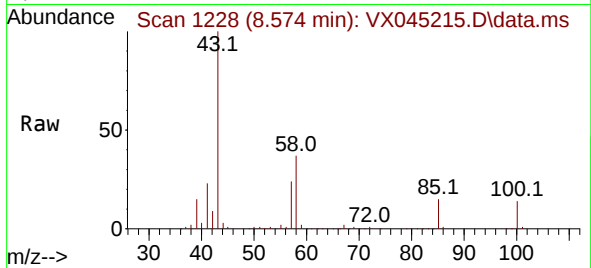
Tgt Ion: 98 Resp: 204141
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 108.934 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

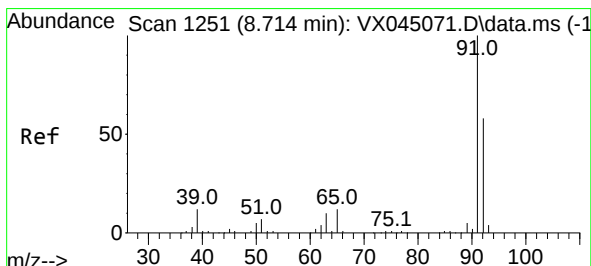
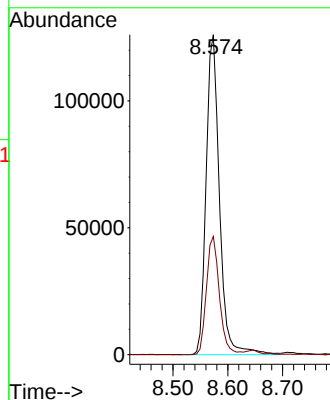
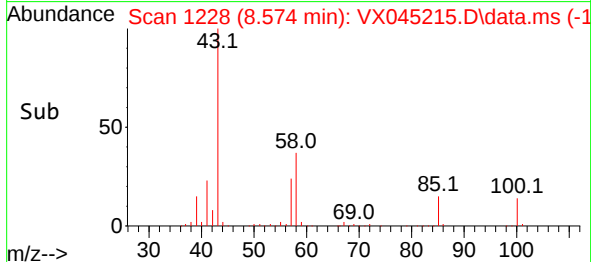
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 43 Resp: 212449
Ion Ratio Lower Upper
43 100
58 36.1 29.2 43.8

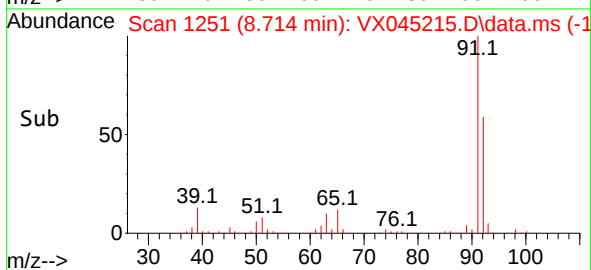
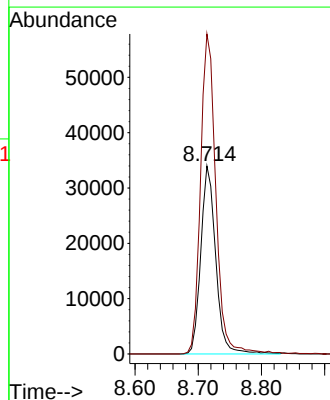
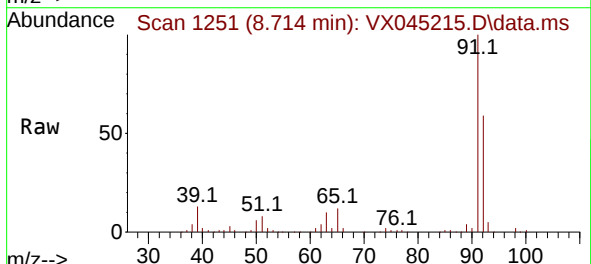
Manual Integrations
APPROVED

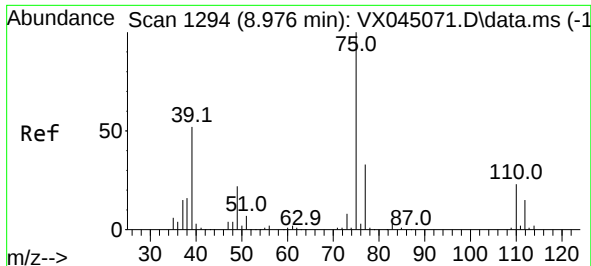
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#52
Toluene
Concen: 19.831 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion: 92 Resp: 56008
Ion Ratio Lower Upper
92 100
91 174.5 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 20.143 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 75 Resp: 28894

Ion Ratio Lower Upper

75 100

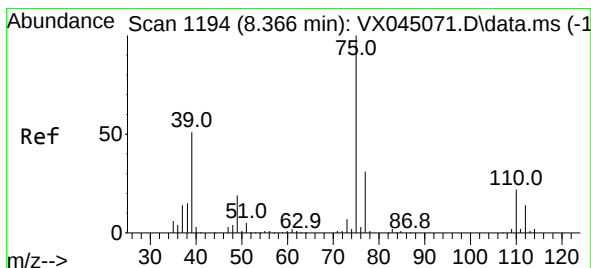
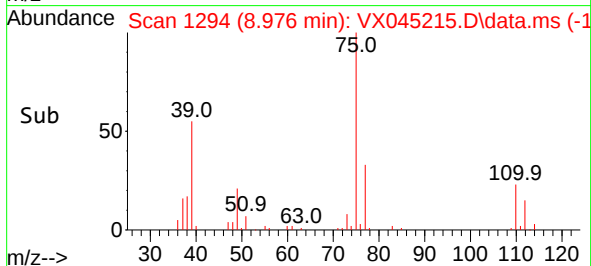
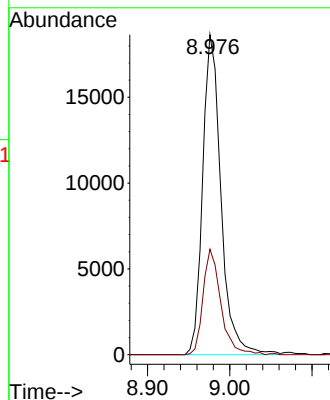
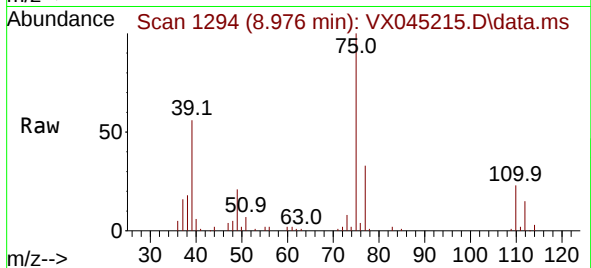
77 33.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#54

cis-1,3-Dichloropropene

Concen: 20.066 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

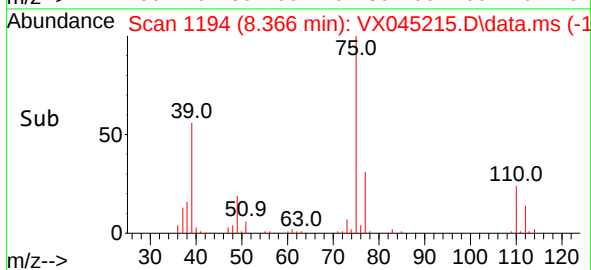
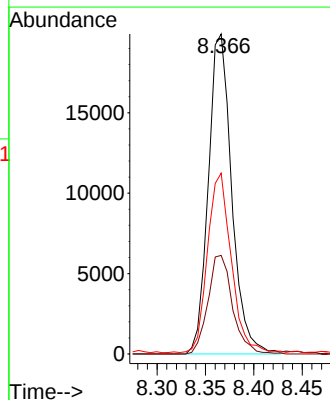
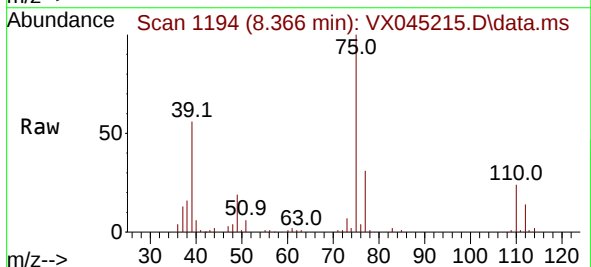
Tgt Ion: 75 Resp: 33564

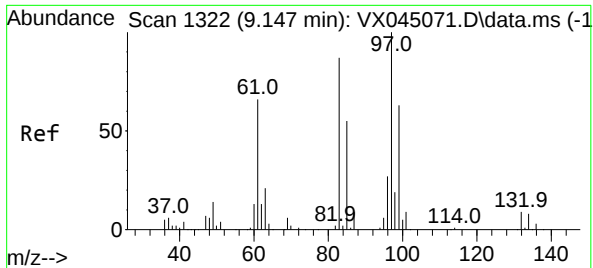
Ion Ratio Lower Upper

75 100

77 30.8 24.7 37.1

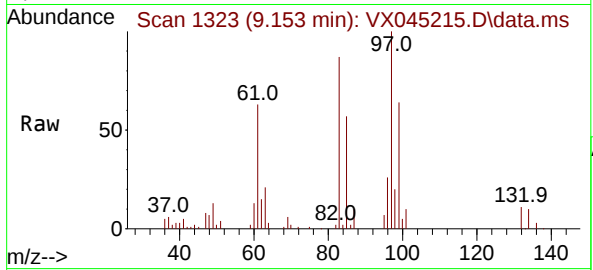
39 56.0 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 20.024 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

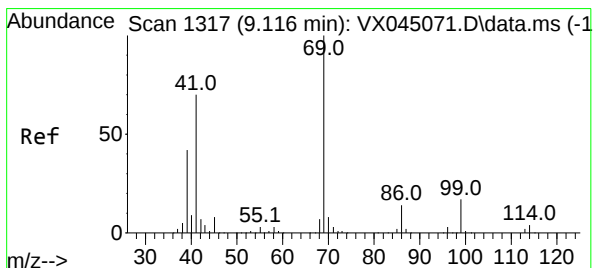
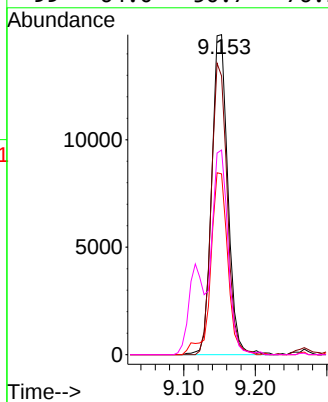
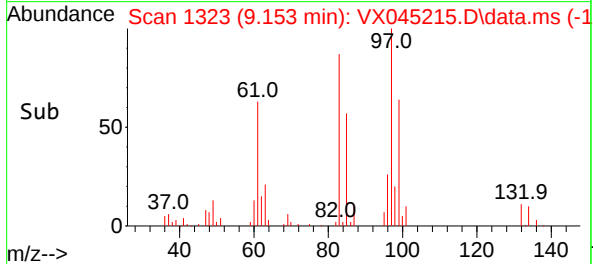
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



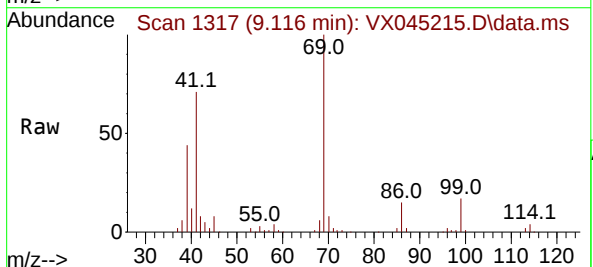
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.4	104.2
85	56.5	44.1	66.1
99	64.0	50.7	76.1

Manual Integrations
APPROVED

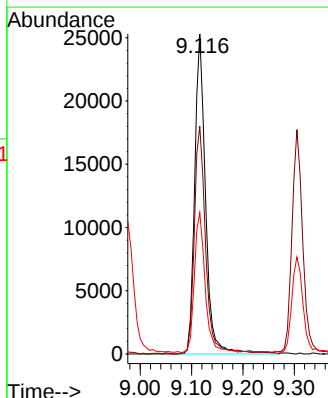
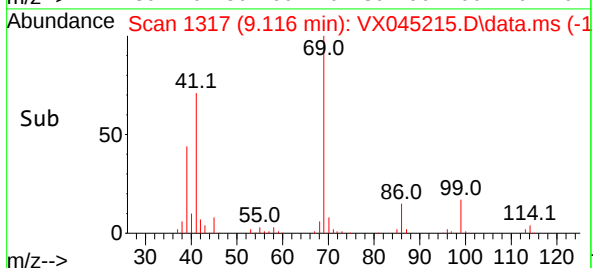
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

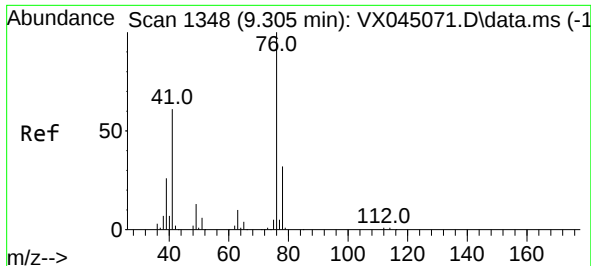


#56
Ethyl methacrylate
Concen: 21.080 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40



Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.2	57.0	85.4
39	43.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 20.649 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion: 76 Resp: 4154

Ion Ratio Lower Upper

76 100

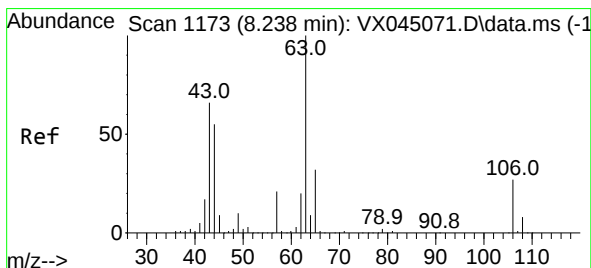
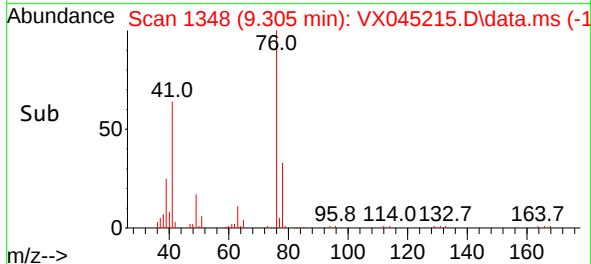
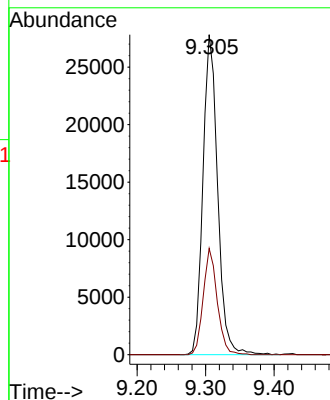
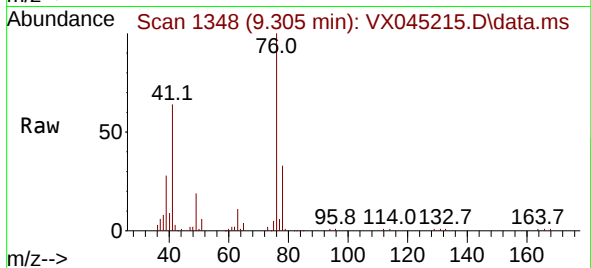
78 31.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.289 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045215.D

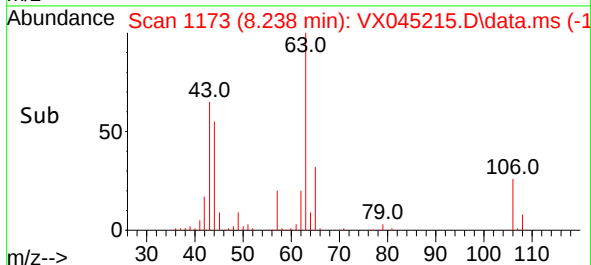
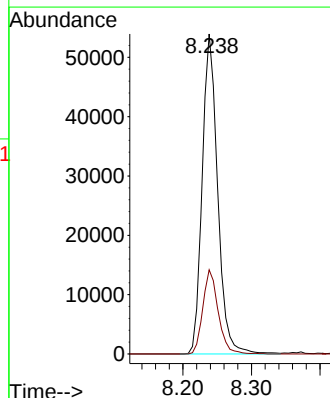
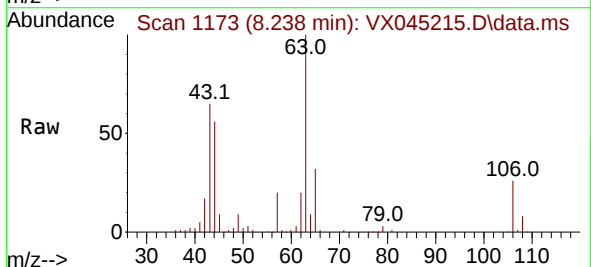
Acq: 11 Mar 2025 11:40

Tgt Ion: 63 Resp: 84737

Ion Ratio Lower Upper

63 100

106 26.2 21.5 32.3





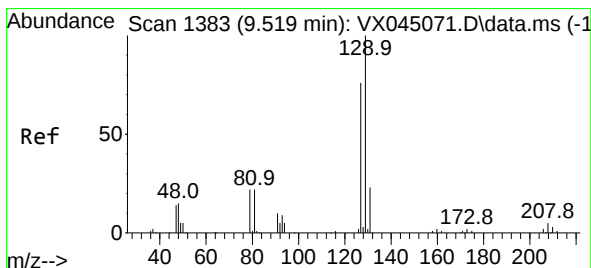
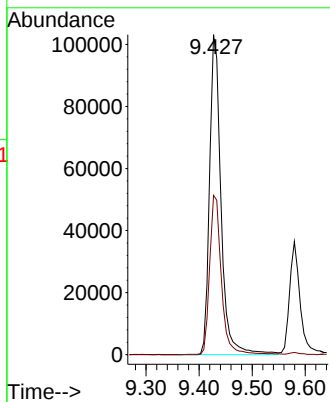
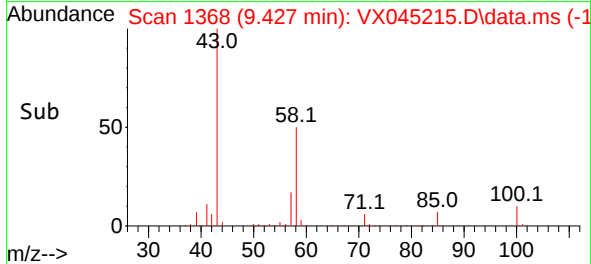
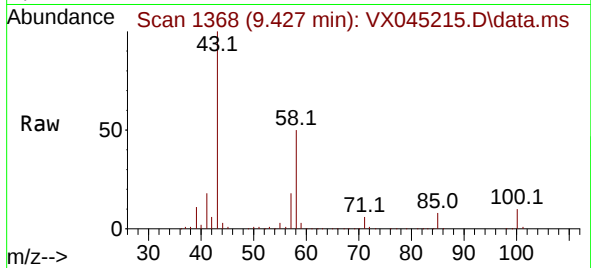
#59
2-Hexanone
Concen: 109.453 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 43 Resp: 154662
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.6

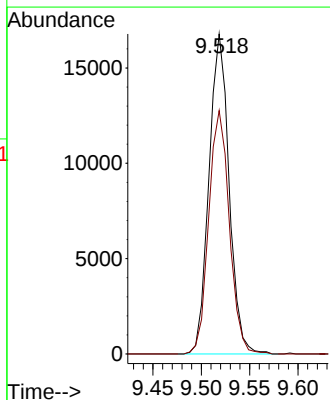
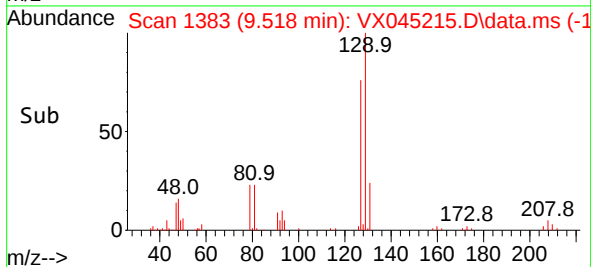
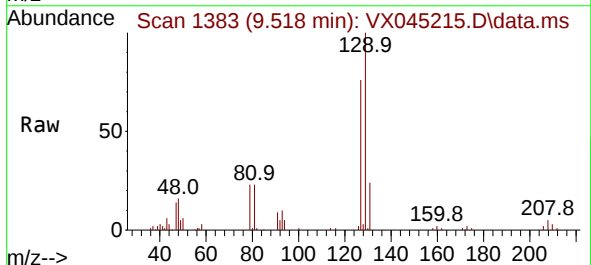
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#60
Dibromochloromethane
Concen: 19.914 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

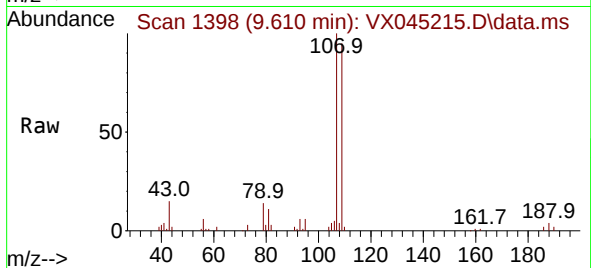
Tgt Ion:129 Resp: 24209
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.662 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

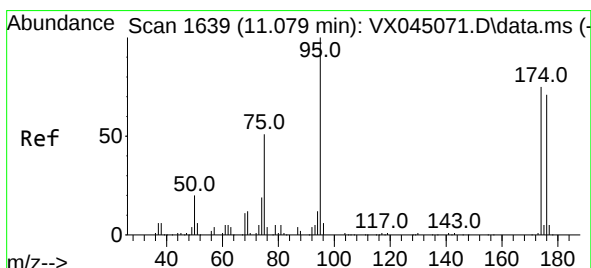
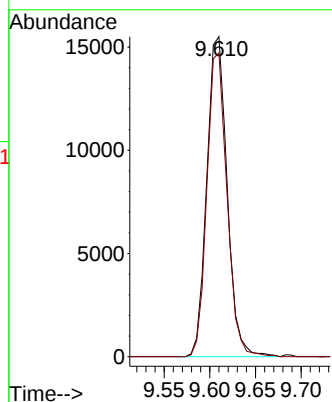
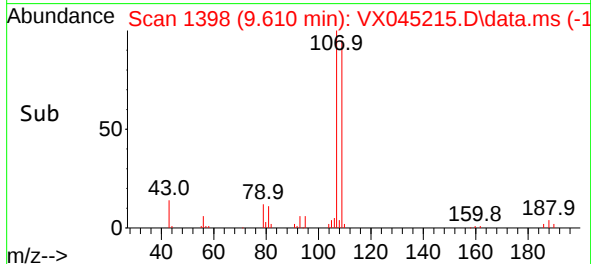
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion:107 Resp: 2398
Ion Ratio Lower Upper
107 100
109 93.5 76.1 114.1

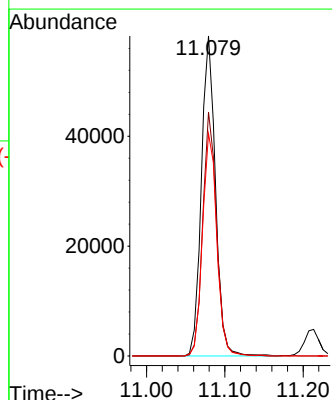
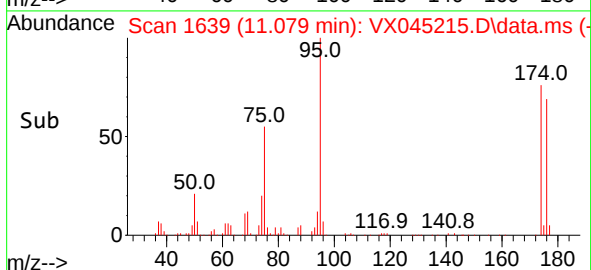
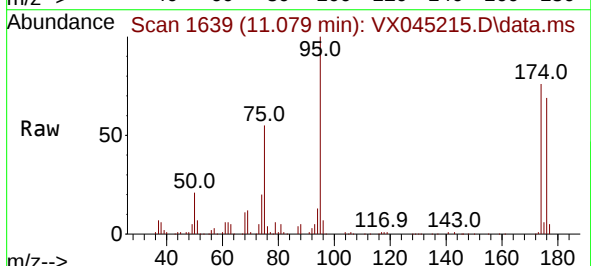
Manual Integrations
APPROVED

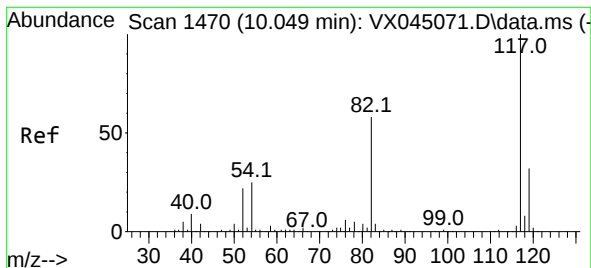
Reviewed By :John Carbone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#62
4-Bromofluorobenzene
Concen: 54.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

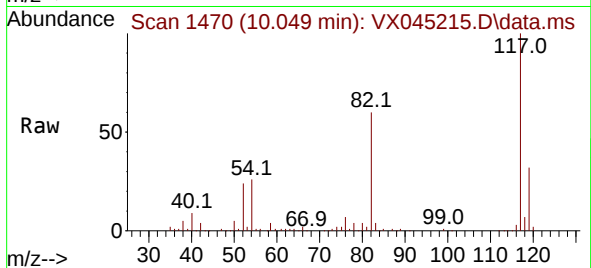
Tgt Ion: 95 Resp: 72695
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.2
176 70.5 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

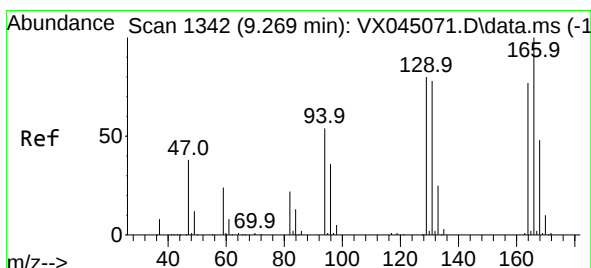
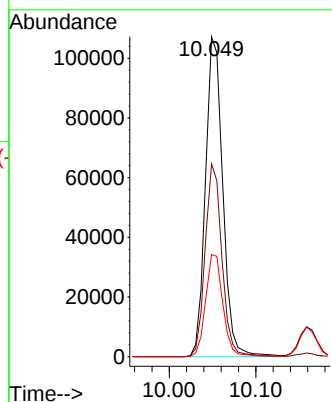
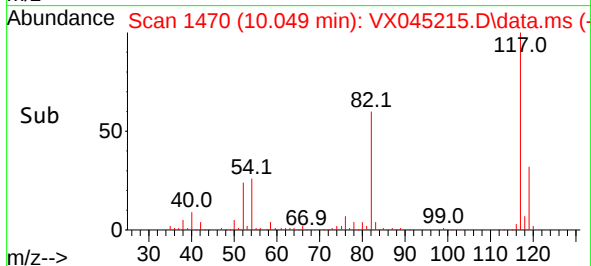
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion:117 Resp: 14894
Ion Ratio Lower Upper
117 100
82 60.3 46.3 69.5
119 31.9 25.7 38.5

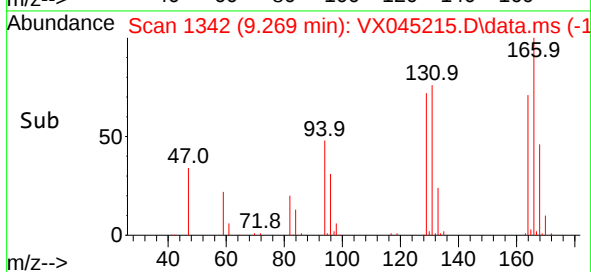
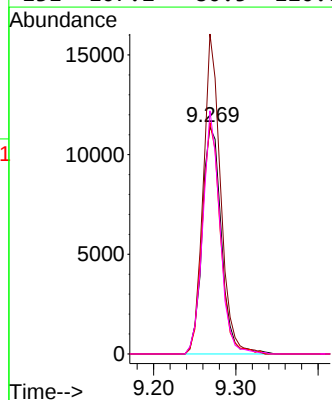
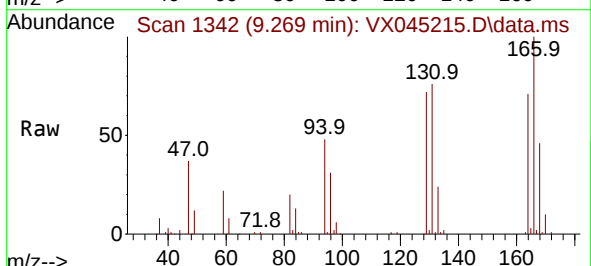
Manual Integrations
APPROVED

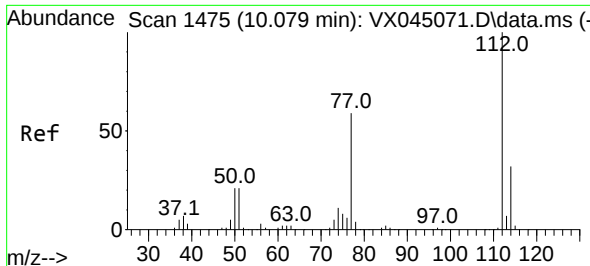
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#64
Tetrachloroethene
Concen: 19.341 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion:164 Resp: 18450
Ion Ratio Lower Upper
164 100
166 141.1 103.6 155.4
129 102.0 82.7 124.1
131 107.2 80.5 120.7





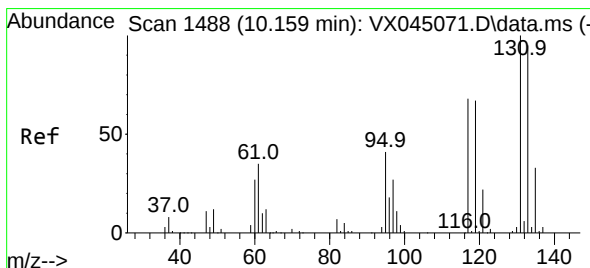
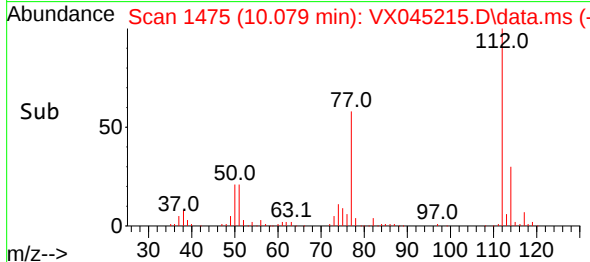
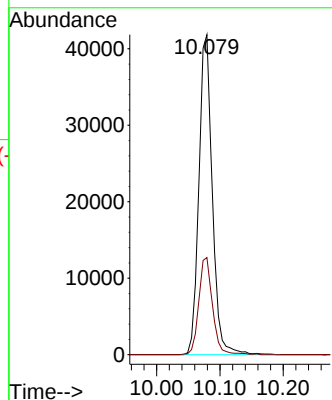
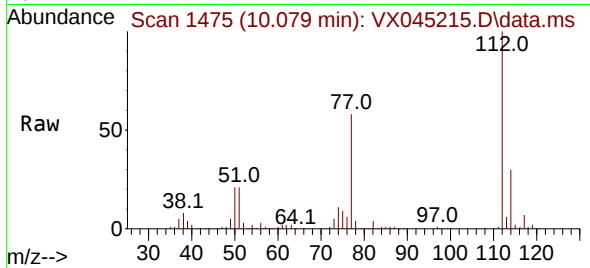
#65
Chlorobenzene
Concen: 19.633 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:112 Resp: 61875
Ion Ratio Lower Upper
112 100
114 30.3 26.0 39.0

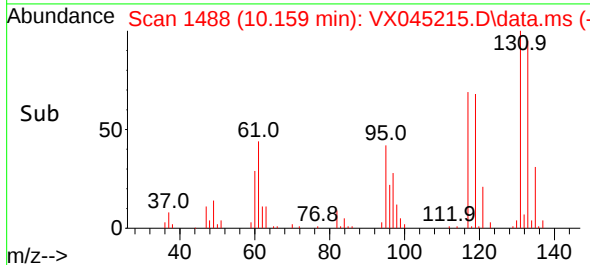
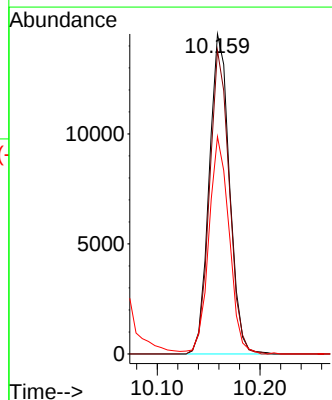
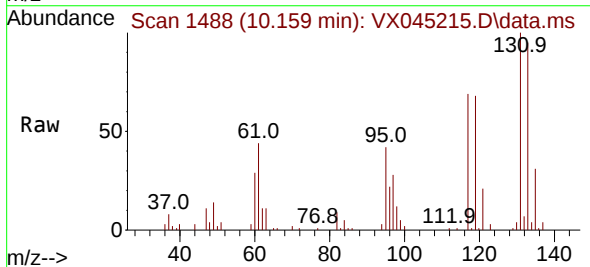
Manual Integrations
APPROVED

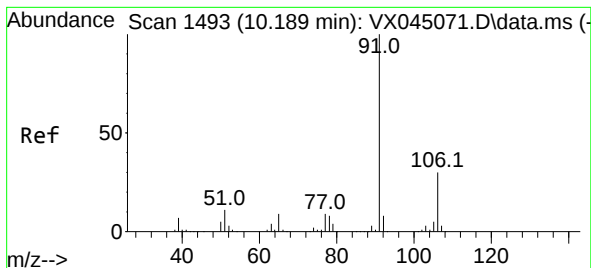
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.035 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

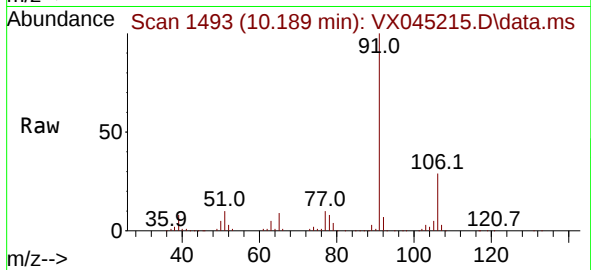
Tgt Ion:131 Resp: 19978
Ion Ratio Lower Upper
131 100
133 92.8 48.6 145.9
119 67.9 33.9 101.7





#67
Ethyl Benzene
Concen: 19.710 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

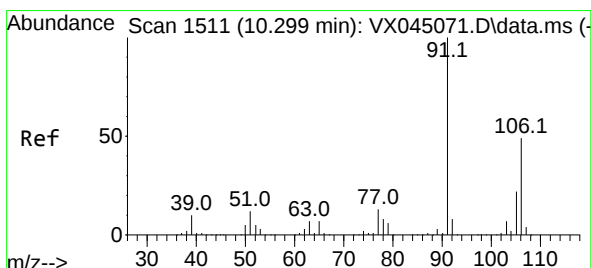
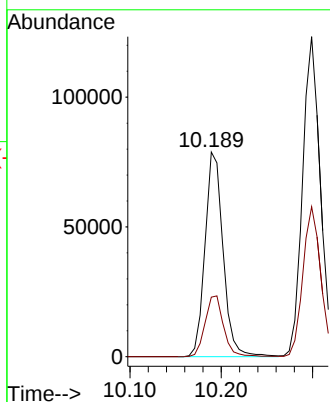
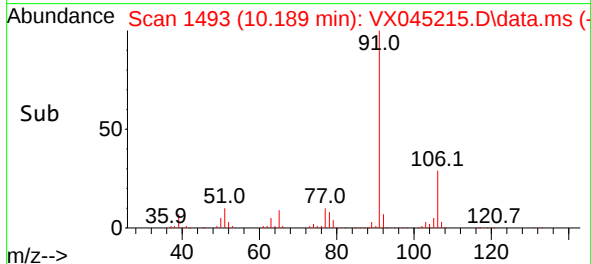
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



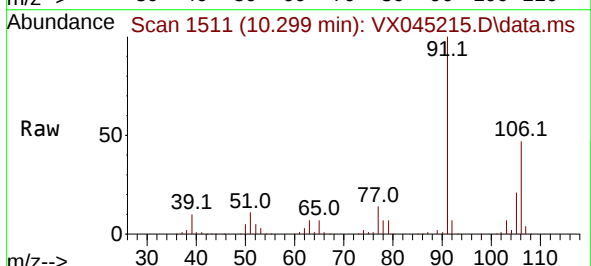
Tgt Ion: 91 Resp: 108234
Ion Ratio Lower Upper
91 100
106 29.1 23.9 35.9

Manual Integrations
APPROVED

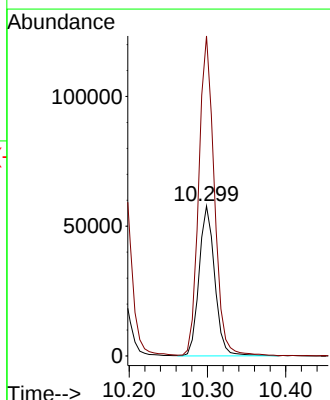
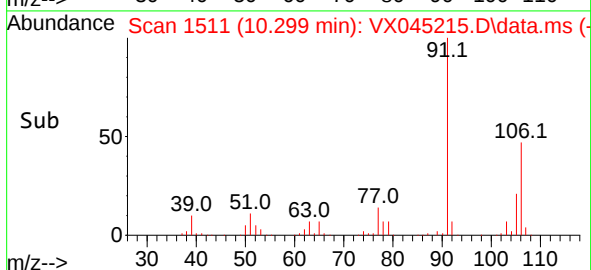
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

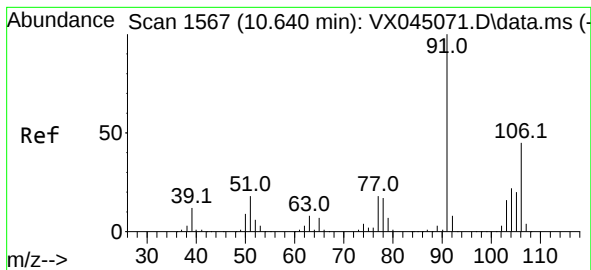


#68
m/p-Xylenes
Concen: 39.941 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40



Tgt Ion:106 Resp: 80292
Ion Ratio Lower Upper
106 100
91 211.5 165.4 248.0





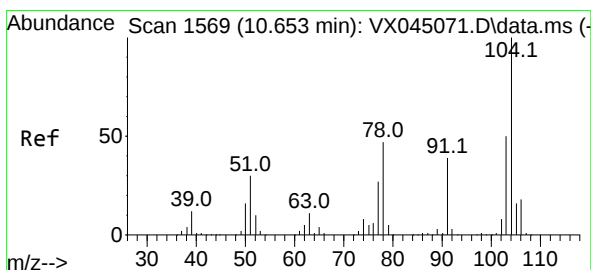
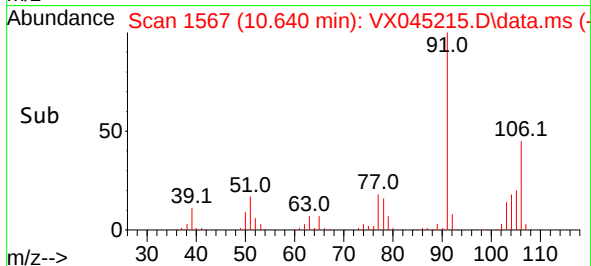
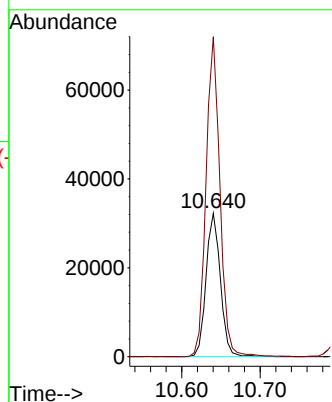
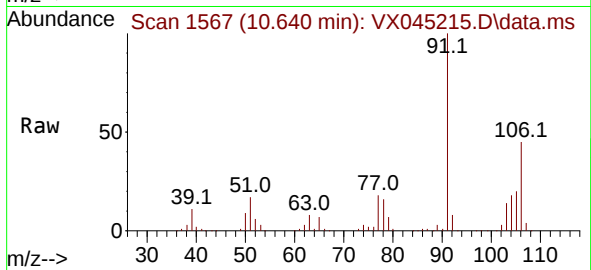
#69
o-Xylene
Concen: 20.185 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:106 Resp: 40924
Ion Ratio Lower Upper
106 100
91 215.9 109.9 329.6

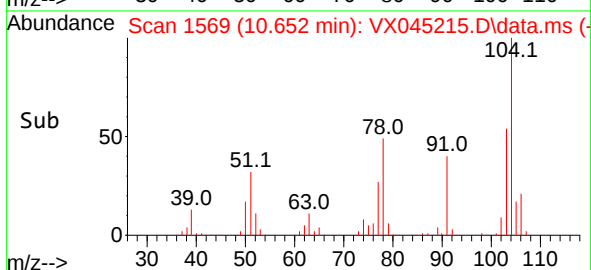
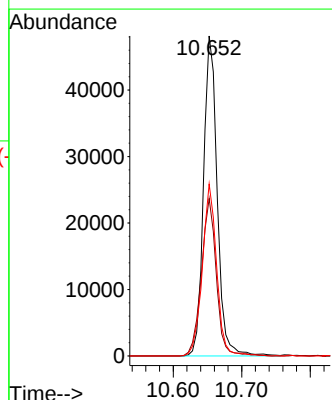
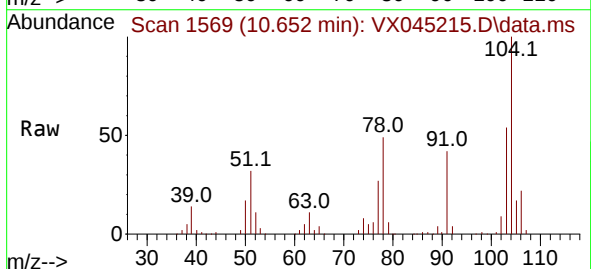
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#70
Styrene
Concen: 20.469 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

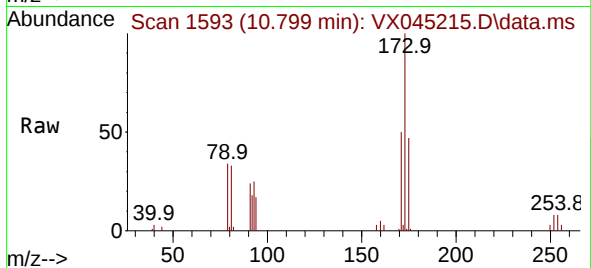
Tgt Ion:104 Resp: 67151
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.4
103 56.2 43.8 65.8





#71
Bromoform
Concen: 20.340 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

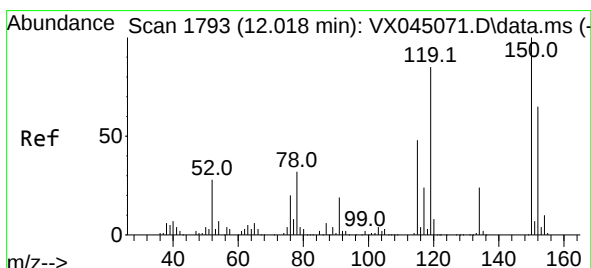
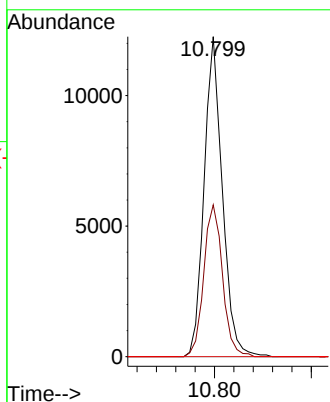
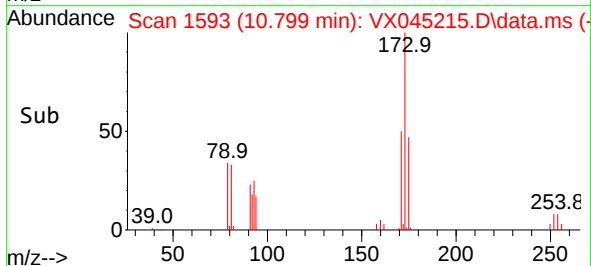
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



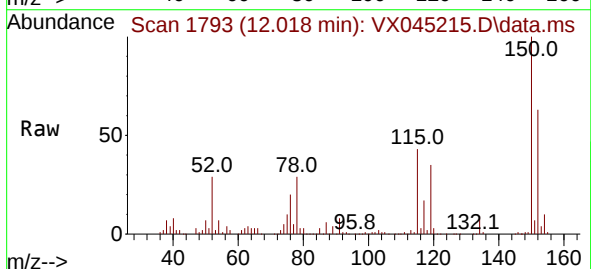
Tgt Ion:173 Resp: 16098
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

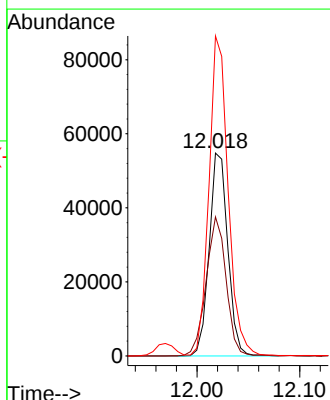
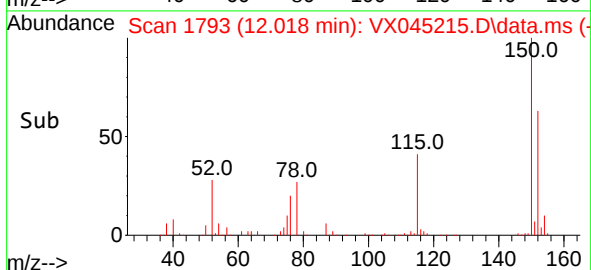
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

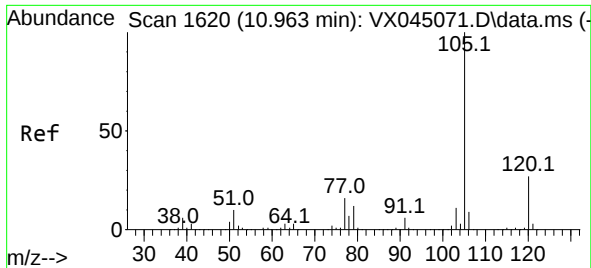


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40



Tgt Ion:152 Resp: 68861
Ion Ratio Lower Upper
152 100
115 73.8 44.2 132.6
150 161.8 0.0 349.0





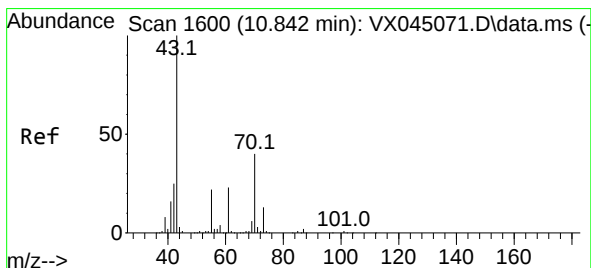
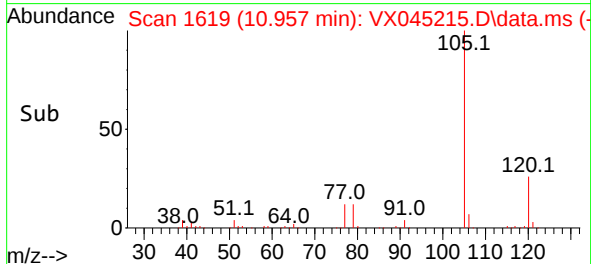
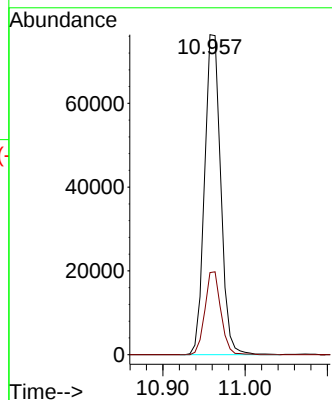
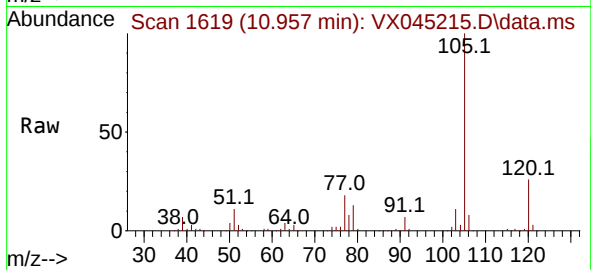
#73
Isopropylbenzene
Concen: 19.390 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion:105 Resp: 104215
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

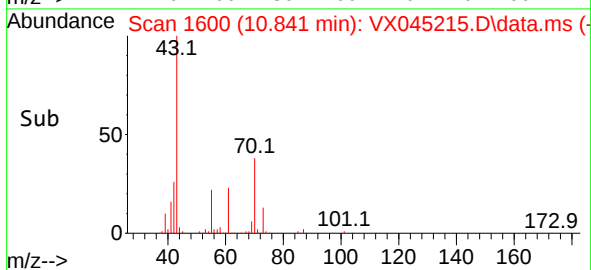
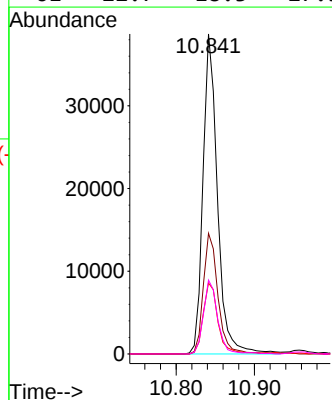
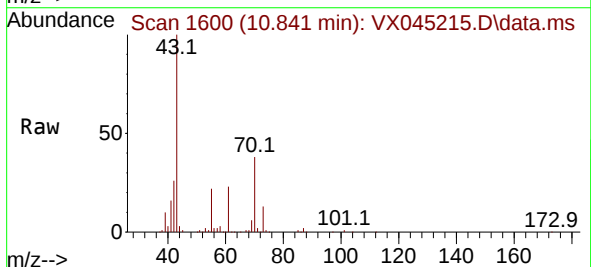
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 19.707 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

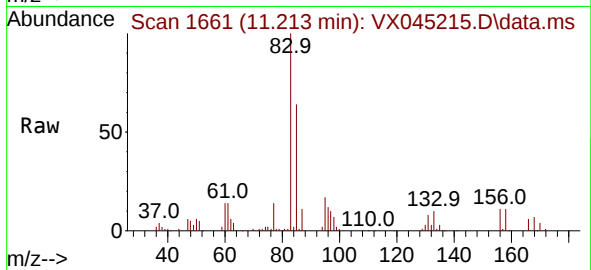
Tgt Ion: 43 Resp: 49701
Ion Ratio Lower Upper
43 100
70 38.0 31.8 47.6
55 22.9 18.3 27.5
61 22.7 18.3 27.5





#75
1,1,2,2-Tetrachloroethane
Concen: 19.653 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

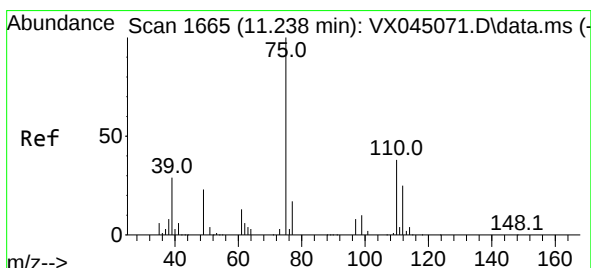
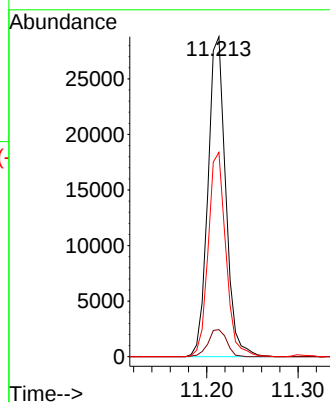
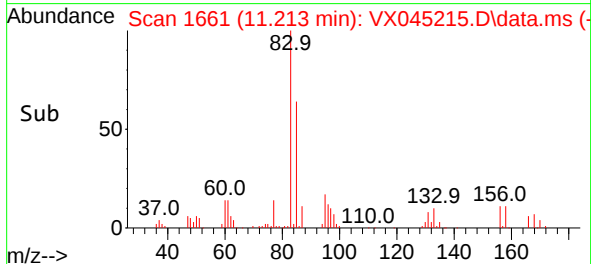
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



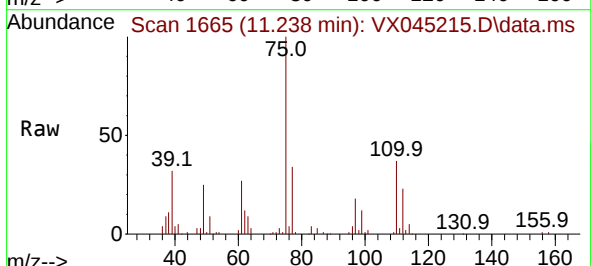
Tgt Ion: 83 Resp: 3876
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.4
85 63.4 31.7 95.1

Manual Integrations
APPROVED

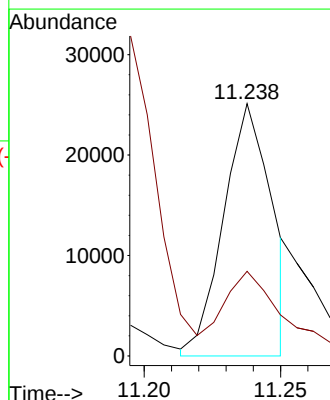
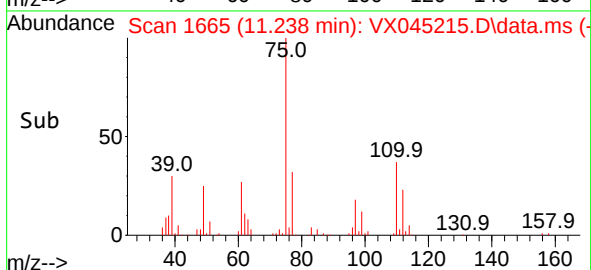
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#76
1,2,3-Trichloropropane
Concen: 19.234 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40



Tgt Ion: 75 Resp: 30828
Ion Ratio Lower Upper
75 100
77 42.8 20.7 62.1





#77

Bromobenzene

Concen: 19.428 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

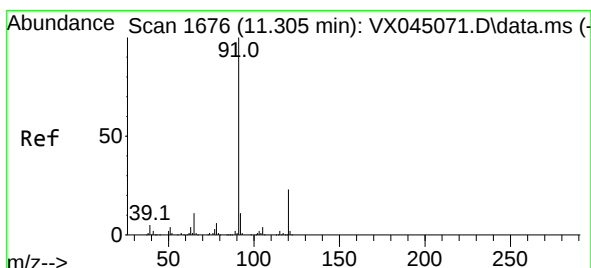
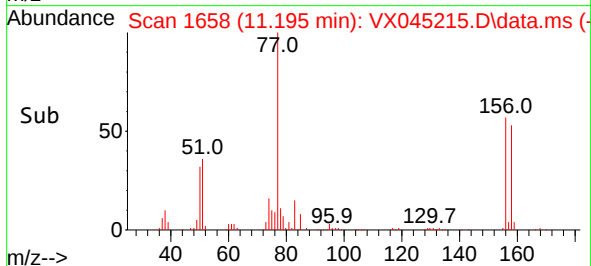
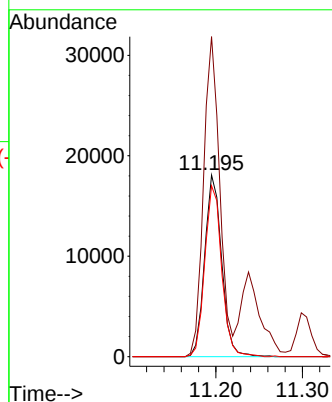
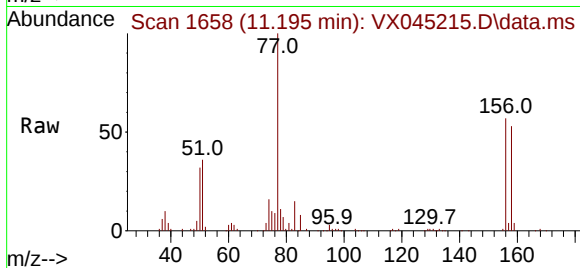
Tgt Ion:	156	Resp:	2463
Ion Ratio	Lower	Upper	
156	100		
77	167.5	85.8	257.4
158	93.7	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#78

n-propylbenzene

Concen: 19.934 ug/l

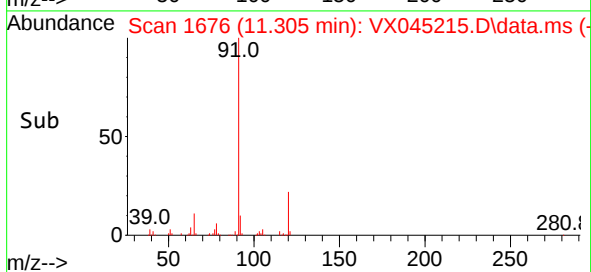
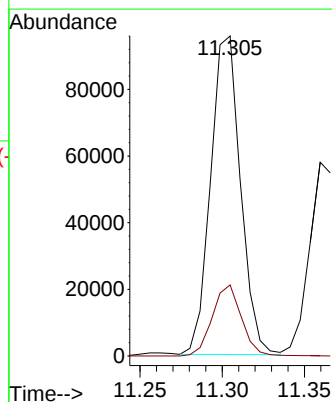
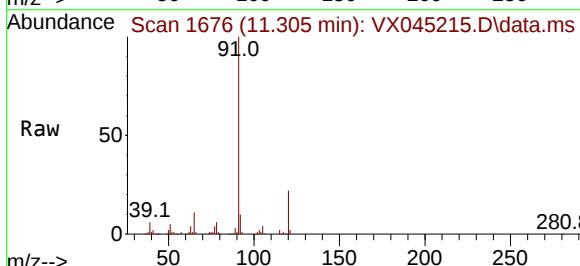
RT: 11.305 min Scan# 1676

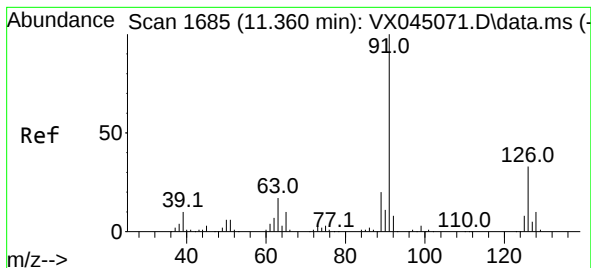
Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Tgt Ion:	91	Resp:	121031
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.2	33.6





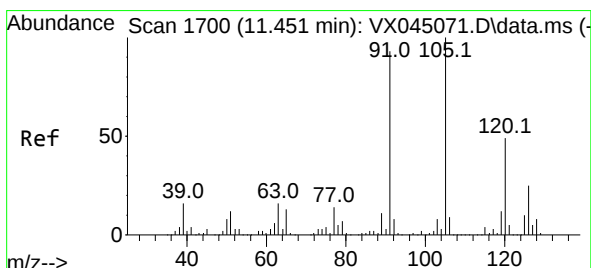
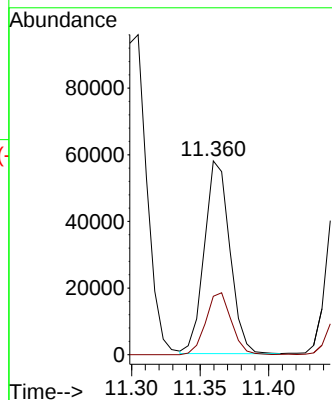
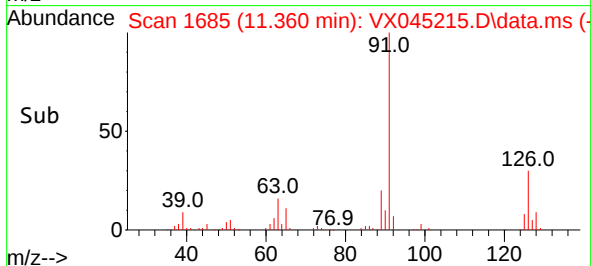
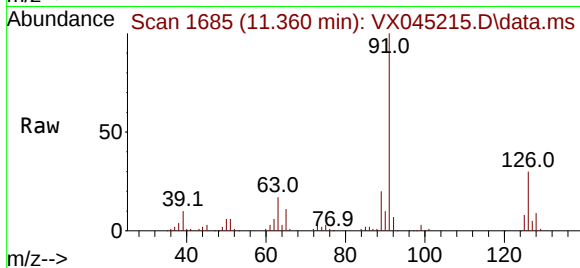
#79
2-Chlorotoluene
Concen: 19.344 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01

Tgt Ion: 91 Resp: 74800
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4

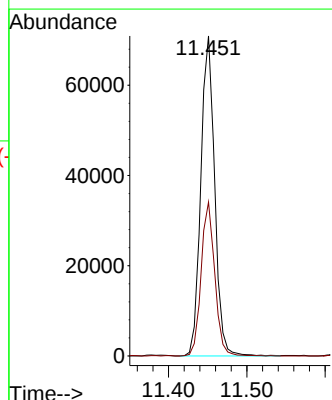
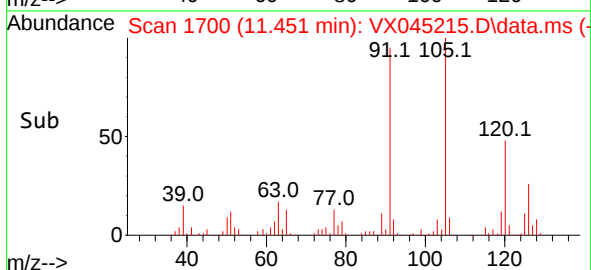
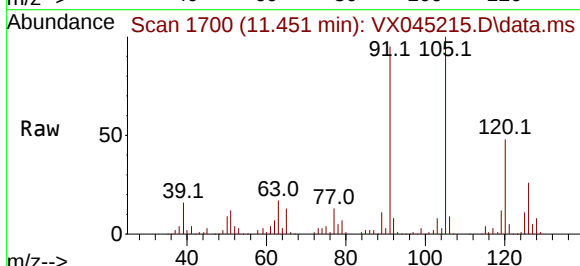
Manual Integrations
APPROVED

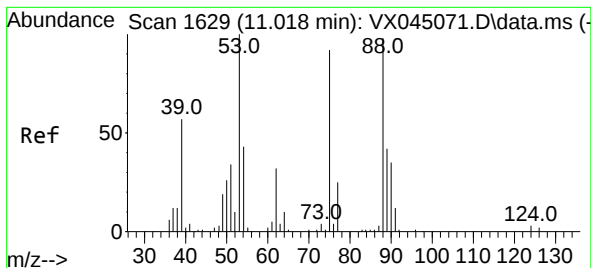
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.096 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

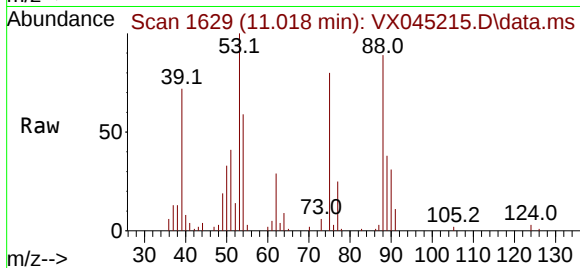
Tgt Ion:105 Resp: 87336
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.112 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

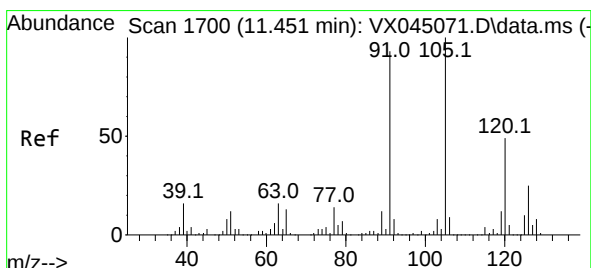
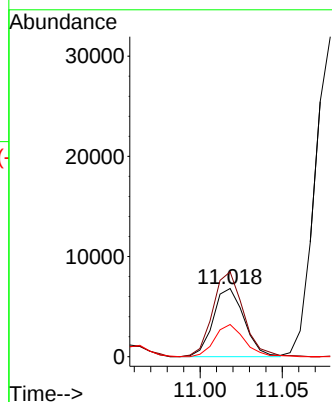
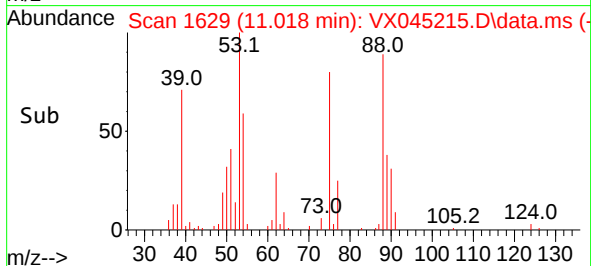
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



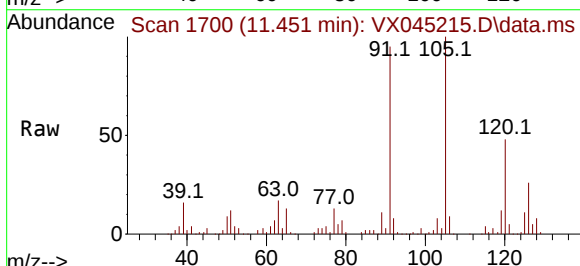
Tgt Ion: 75 Resp: 895
Ion Ratio Lower Upper
75 100
53 123.0 88.5 132.7
89 45.2 36.2 54.4

Manual Integrations
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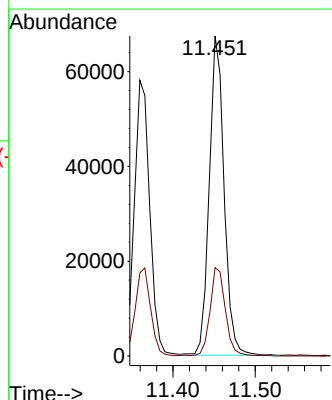
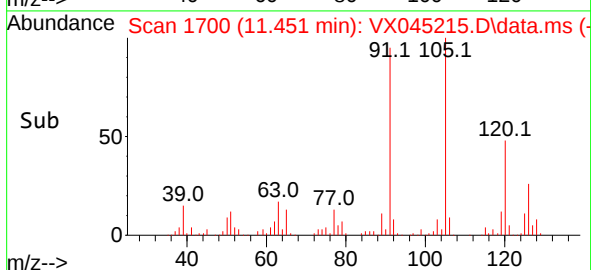
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

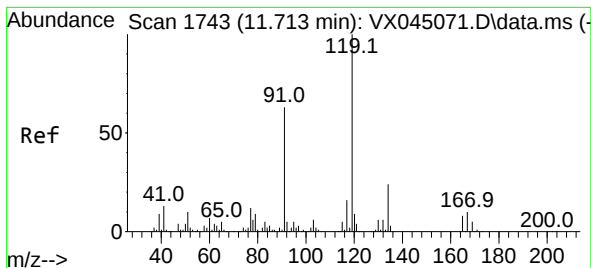


#82
4-Chlorotoluene
Concen: 20.030 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40



Tgt Ion: 91 Resp: 84411
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.4





#83

tert-Butylbenzene

Concen: 19.342 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion:119 Resp: 8636

Ion Ratio Lower Upper

119 100

91 62.2 30.7 92.1

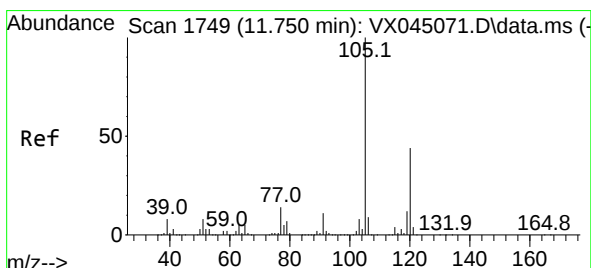
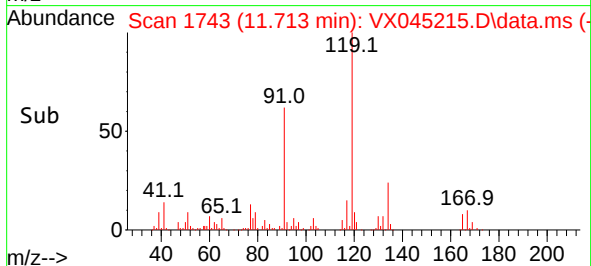
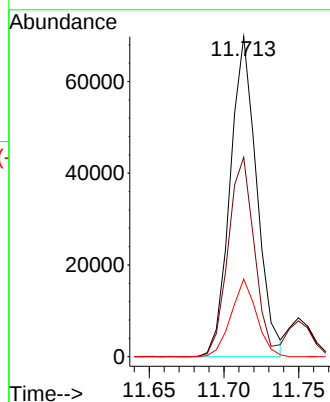
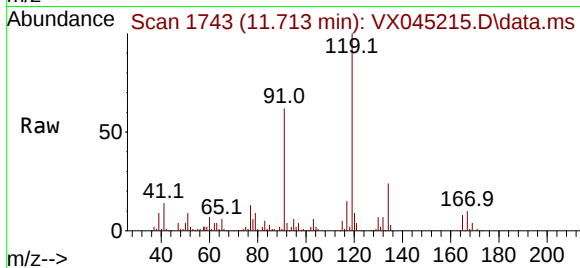
134 23.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.023 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045215.D

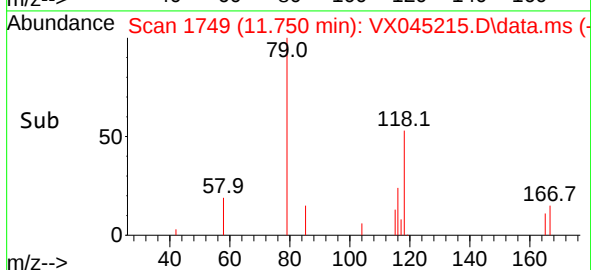
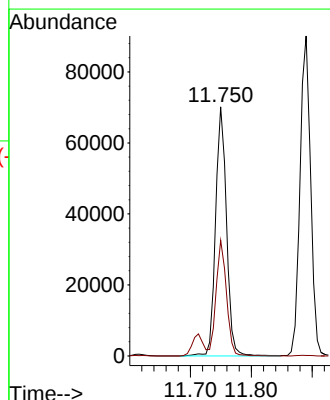
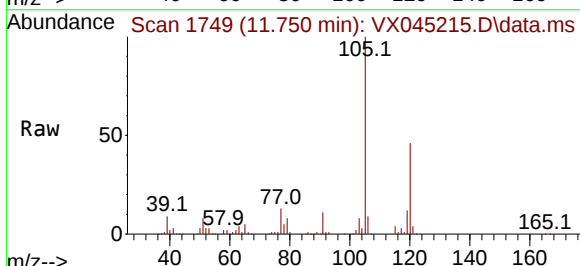
Acq: 11 Mar 2025 11:40

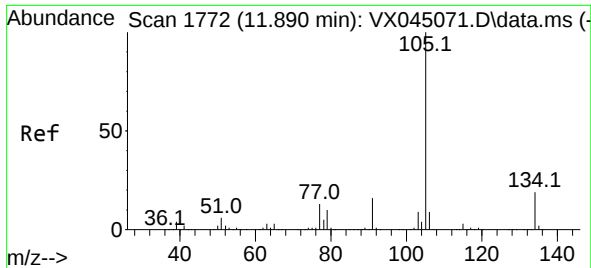
Tgt Ion:105 Resp: 87556

Ion Ratio Lower Upper

105 100

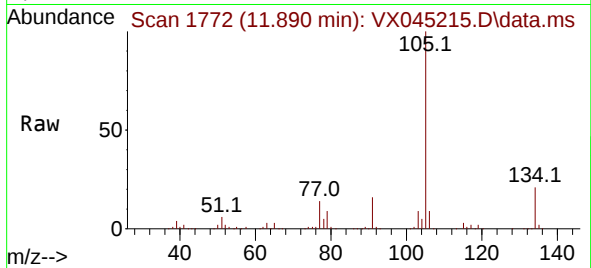
120 44.3 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 20.477 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045215.D
 Acq: 11 Mar 2025 11:40

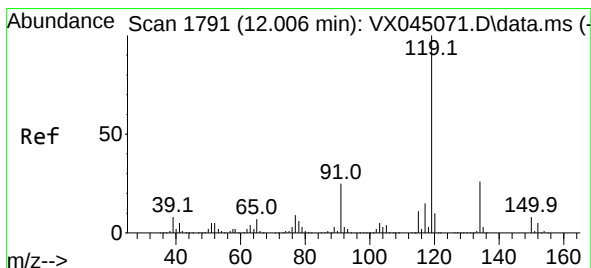
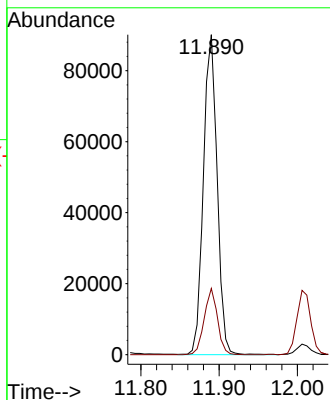
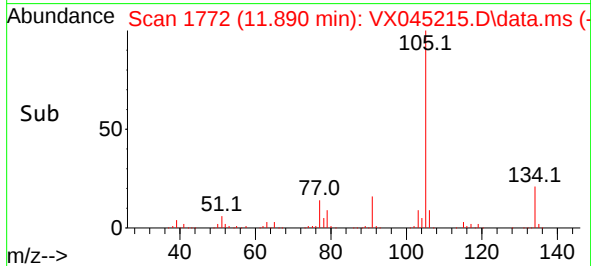
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01



Tgt Ion:105 Resp: 109529
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

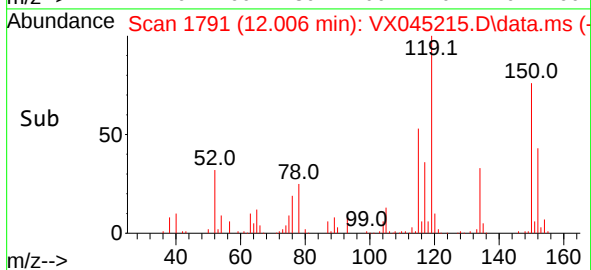
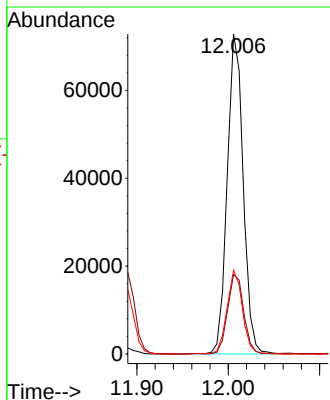
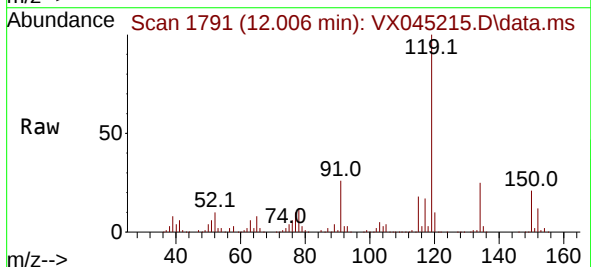
Manual Integrations
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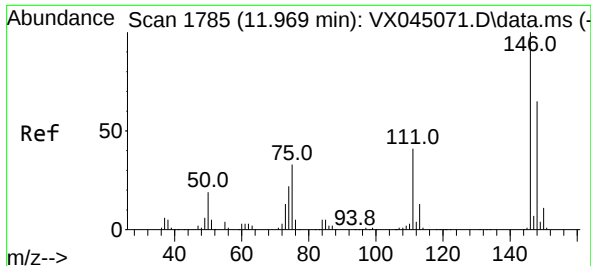
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#86
 p-Isopropyltoluene
 Concen: 20.483 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045215.D
 Acq: 11 Mar 2025 11:40

Tgt Ion:119 Resp: 88543
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 25.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.615 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBSD01

Tgt Ion:146 Resp: 44375

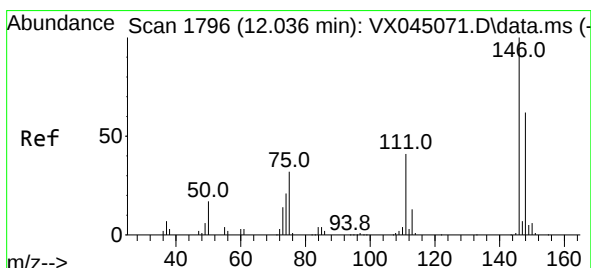
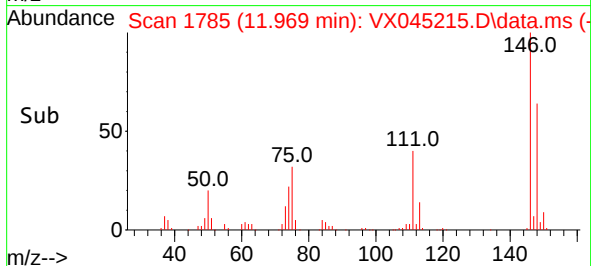
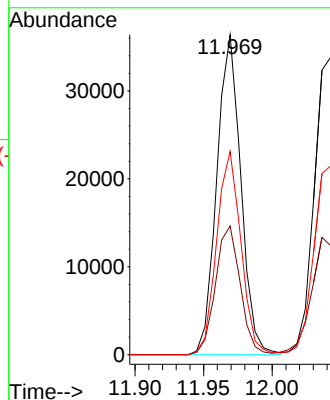
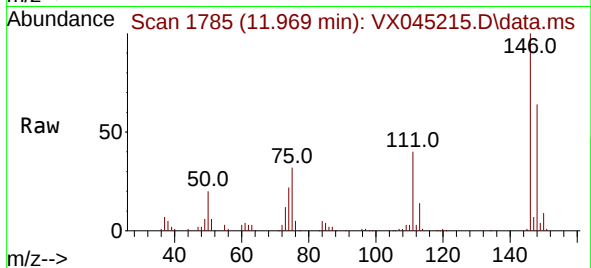
Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.1	63.4
148	64.2	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#88

1,4-Dichlorobenzene

Concen: 19.217 ug/l

RT: 12.042 min Scan# 1797

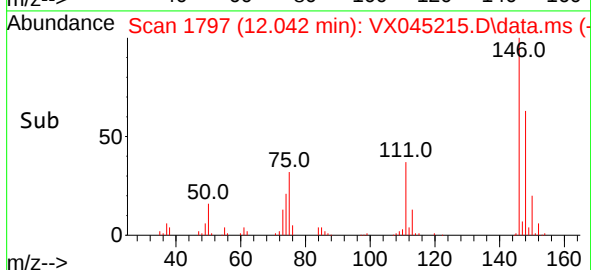
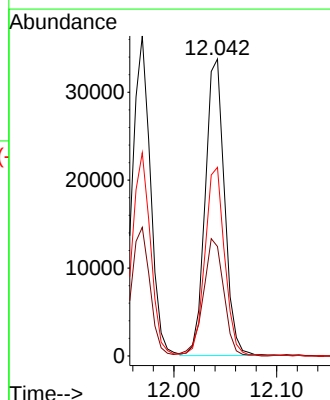
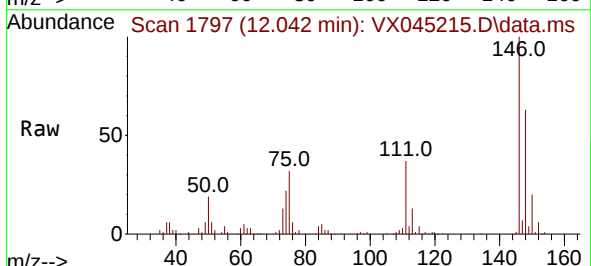
Delta R.T. 0.006 min

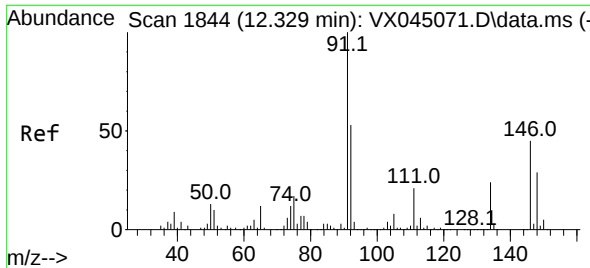
Lab File: VX045215.D

Acq: 11 Mar 2025 11:40

Tgt Ion:146 Resp: 43983

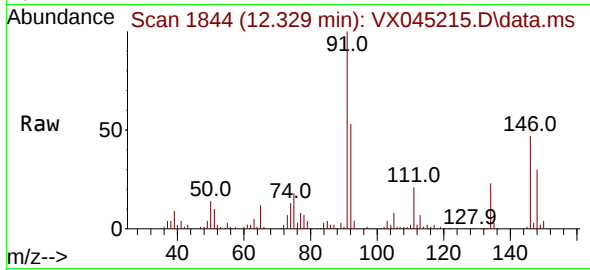
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.2	60.5
148	64.7	31.9	95.9





#89
n-Butylbenzene
Concen: 20.636 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

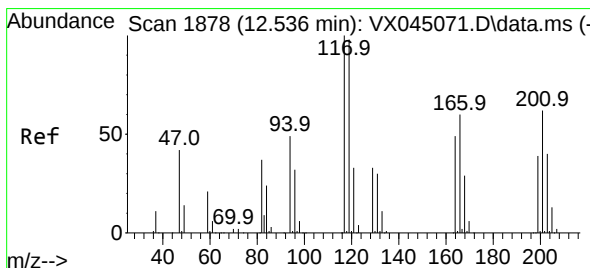
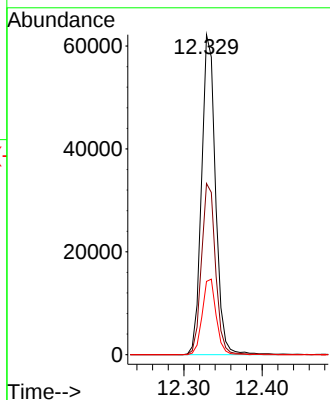
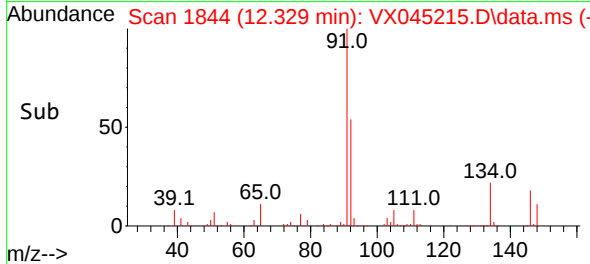
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion: 91 Resp: 76829
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.0
134 23.6 12.2 36.6

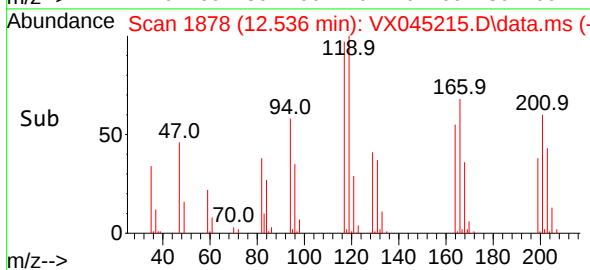
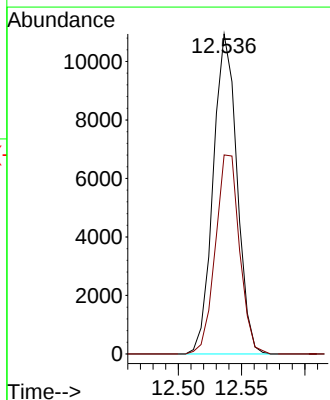
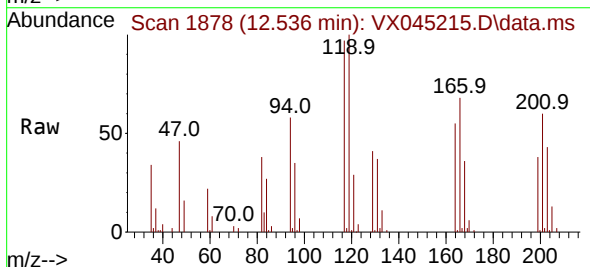
Manual Integrations
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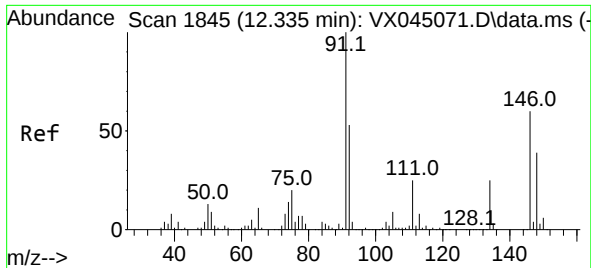
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#90
Hexachloroethane
Concen: 18.273 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

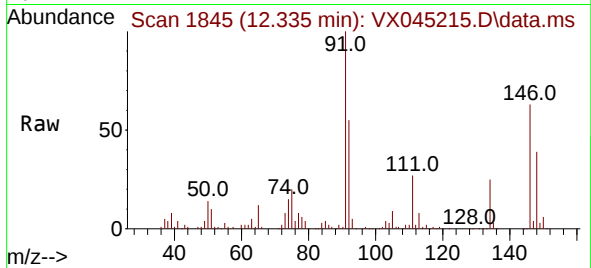
Tgt Ion:117 Resp: 14287
Ion Ratio Lower Upper
117 100
201 63.3 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 19.759 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

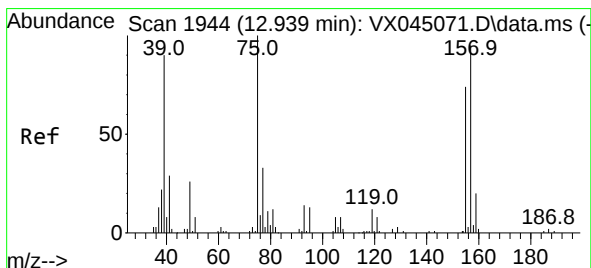
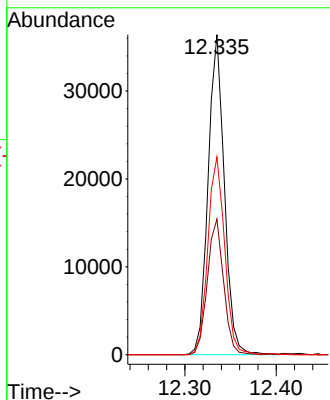
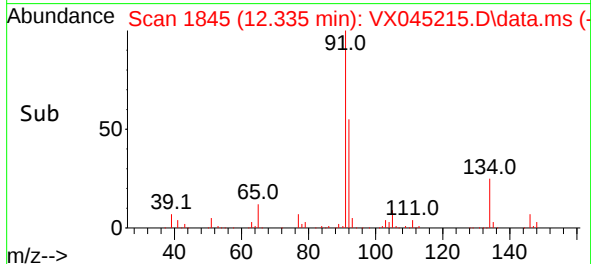
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



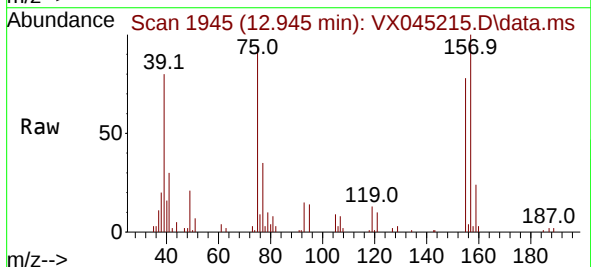
Tgt Ion:146 Resp: 4484
Ion Ratio Lower Upper
146 100
111 42.4 21.6 65.0
148 63.9 31.9 95.9

Manual Integrations
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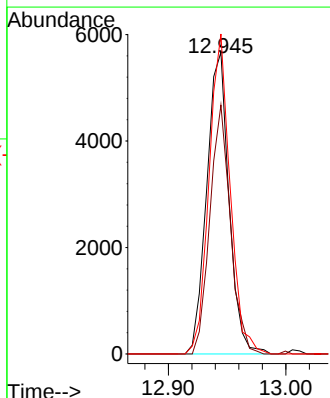
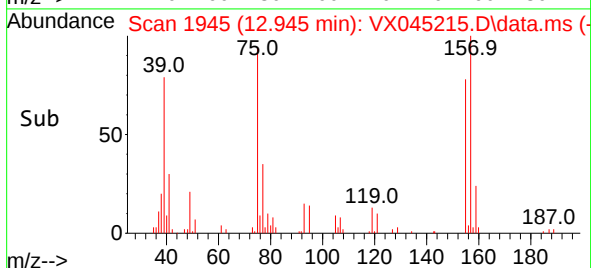
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

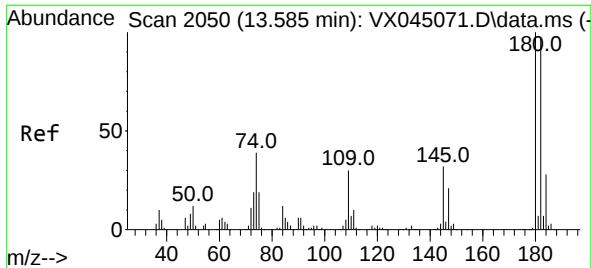


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.352 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40



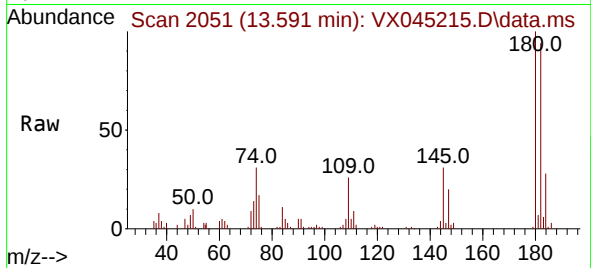
Tgt Ion: 75 Resp: 7436
Ion Ratio Lower Upper
75 100
155 76.2 39.6 118.7
157 100.8 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 19.453 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

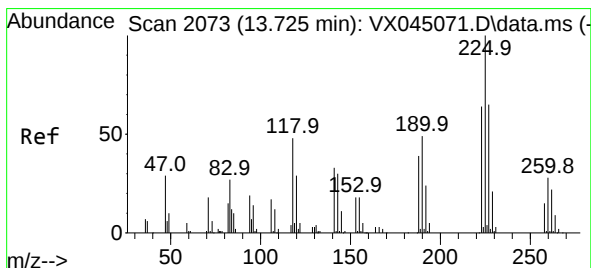
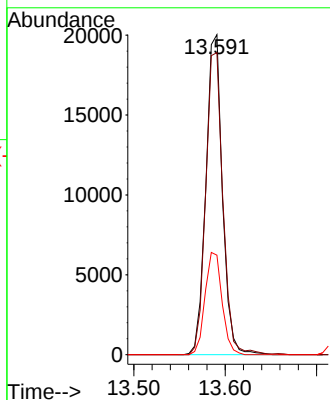
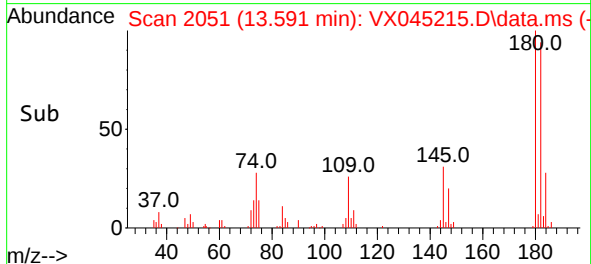
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion:180 Resp: 25138
Ion Ratio Lower Upper
180 100
182 97.8 47.3 141.9
145 32.8 16.3 48.9

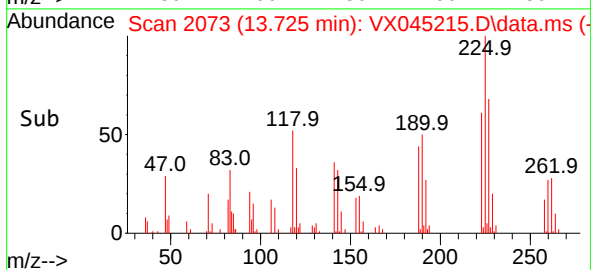
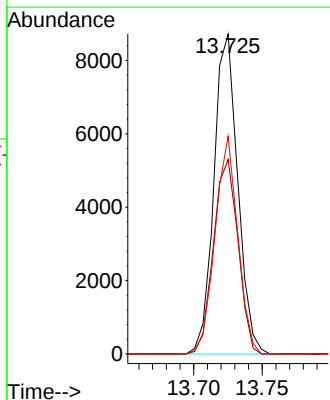
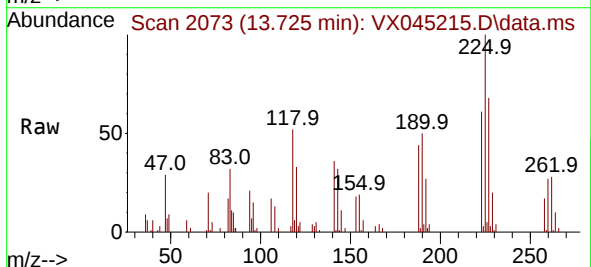
Manual Integrations
APPROVED

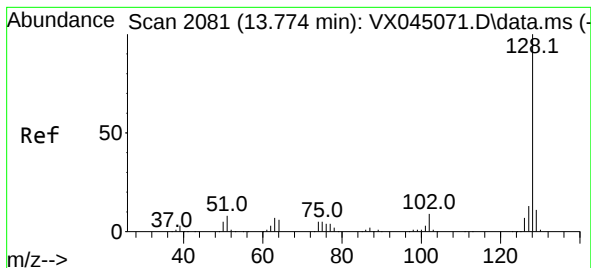
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#94
Hexachlorobutadiene
Concen: 19.880 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

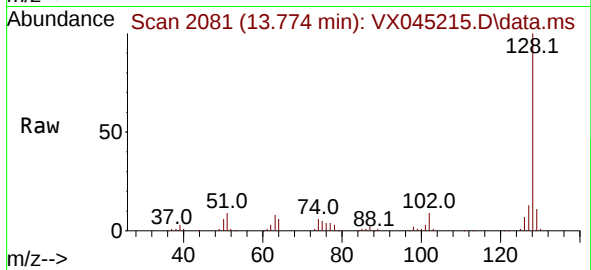
Tgt Ion:225 Resp: 10532
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.7
227 64.8 31.4 94.0





#95
Naphthalene
Concen: 19.175 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

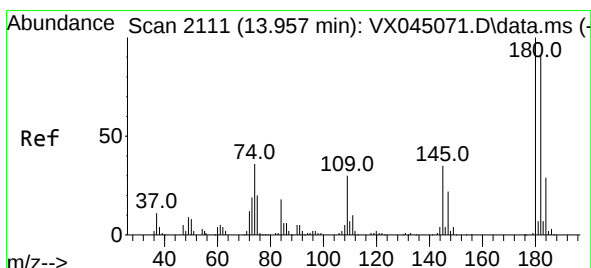
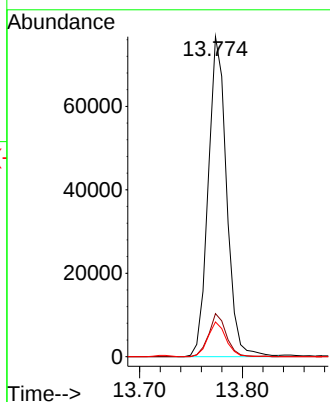
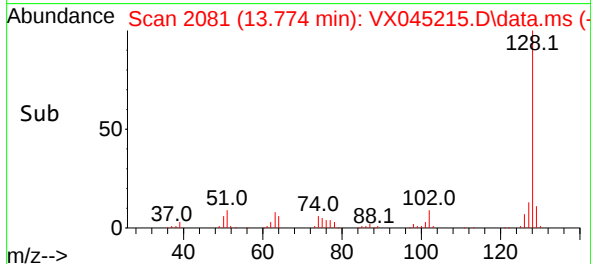
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBSD01



Tgt Ion:128 Resp: 95200
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.287 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045215.D
Acq: 11 Mar 2025 11:40

Tgt Ion:180 Resp: 26292
Ion Ratio Lower Upper
180 100
182 93.3 47.5 142.6
145 33.8 17.0 50.9

