

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046433.D
 Acq On : 02 Jun 2025 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/03/2025
 Supervised By : Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 01:24:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	91247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	155497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	85451	50.232	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.460%			
35) Dibromofluoromethane	5.373	113	61327	54.769	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.540%			
50) Toluene-d8	8.641	98	195030	50.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	78787	52.998	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77464	55.466	ug/l	98
3) Chloromethane	1.301	50	74554	55.048	ug/l	100
4) Vinyl Chloride	1.374	62	66984	53.142	ug/l	98
5) Bromomethane	1.593	94	30570	52.289	ug/l	100
6) Chloroethane	1.666	64	37616	55.901	ug/l	97
7) Trichlorofluoromethane	1.874	101	103701	55.667	ug/l	98
8) Diethyl Ether	2.130	74	33785	53.276	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	65915	57.176	ug/l	98
10) Methyl Iodide	2.441	142	73271	53.713	ug/l	100
11) Tert butyl alcohol	2.971	59	59637	249.749	ug/l	98
12) 1,1-Dichloroethene	2.313	96	59329	54.835	ug/l	96
13) Acrolein	2.233	56	66811	245.681	ug/l	98
14) Allyl chloride	2.654	41	119395	57.739	ug/l	98
15) Acrylonitrile	3.062	53	187111	274.035	ug/l	97
16) Acetone	2.380	43	200383	293.784	ug/l	99
17) Carbon Disulfide	2.502	76	138713	54.077	ug/l	98
18) Methyl Acetate	2.703	43	108485	68.541	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	214715	56.604	ug/l	99
20) Methylene Chloride	2.782	84	69094	52.861	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	58817	54.056	ug/l	99
22) Diisopropyl ether	3.751	45	231216	57.886	ug/l	95
23) Vinyl Acetate	3.715	43	973152	277.004	ug/l	100
24) 1,1-Dichloroethane	3.599	63	125843	56.565	ug/l	99
25) 2-Butanone	4.550	43	275422	278.140	ug/l	99
26) 2,2-Dichloropropane	4.465	77	101430	58.249	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	73482	56.099	ug/l	99
28) Bromochloromethane	4.885	49	55689	52.003	ug/l	97
29) Tetrahydrofuran	4.995	42	168962	272.299	ug/l	98
30) Chloroform	5.080	83	129453	55.826	ug/l	94
31) Cyclohexane	5.452	56	107363	52.958	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	112877	56.155	ug/l	100
36) 1,1-Dichloropropene	5.678	75	83002	55.170	ug/l	100
37) Ethyl Acetate	4.702	43	99383	53.466	ug/l	98
38) Carbon Tetrachloride	5.666	117	97207	57.505	ug/l	99
39) Methylcyclohexane	7.373	83	105898	54.674	ug/l	96
40) Benzene	6.025	78	244897	55.573	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	59120	60.801	ug/l	99
42) 1,2-Dichloroethane	6.074	62	108654	57.128	ug/l	100
43) Isopropyl Acetate	6.330	43	162035	57.141	ug/l	100
44) Trichloroethene	7.117	130	59836	56.415	ug/l	96
45) 1,2-Dichloropropane	7.421	63	63844	58.264	ug/l	99
46) Dibromomethane	7.574	93	47985	55.522	ug/l	99
47) Bromodichloromethane	7.812	83	100801	59.218	ug/l	98
48) Methyl methacrylate	7.684	41	84209	58.147	ug/l	99
49) 1,4-Dioxane	7.659	88	27599	1003.685	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	530186	281.670	ug/l	99
52) Toluene	8.714	92	149019	55.148	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	91860	60.714	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	100502	60.100	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	59356	55.708	ug/l	94
56) Ethyl methacrylate	9.110	69	99397	58.533	ug/l	98
57) 1,3-Dichloropropane	9.305	76	106575	55.696	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.232	63	252779	291.982	ug/l	99
59) 2-Hexanone	9.427	43	396050	284.399	ug/l	99
60) Dibromochloromethane	9.519	129	71591	61.182	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61454	55.494	ug/l	97
64) Tetrachloroethene	9.269	164	52575	55.041	ug/l	97
65) Chlorobenzene	10.073	112	161557	54.675	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57243	56.732	ug/l	98
67) Ethyl Benzene	10.189	91	295609	56.753	ug/l	100
68) m/p-Xylenes	10.299	106	213932	112.298	ug/l	98
69) o-Xylene	10.640	106	105231	56.660	ug/l	96
70) Styrene	10.653	104	179298	58.934	ug/l	99
71) Bromoform	10.799	173	45872	60.554	ug/l #	98
73) Isopropylbenzene	10.957	105	284937	56.079	ug/l	99
74) N-amyl acetate	10.842	43	138998	55.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	92506	51.953	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84321m	53.676	ug/l	
77) Bromobenzene	11.195	156	64394	54.589	ug/l	99
78) n-propylbenzene	11.299	91	333896	56.517	ug/l	99
79) 2-Chlorotoluene	11.360	91	204731	53.726	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	240907	56.753	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	27666	57.336	ug/l	97
82) 4-Chlorotoluene	11.451	91	237157	56.121	ug/l	99
83) tert-Butylbenzene	11.713	119	237222	55.481	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	242720	56.464	ug/l	100
85) sec-Butylbenzene	11.884	105	298169	56.795	ug/l	100
86) p-Isopropyltoluene	12.006	119	250970	57.915	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	118998	55.275	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	119255	54.241	ug/l	99
89) n-Butylbenzene	12.329	91	227998	59.982	ug/l	99
90) Hexachloroethane	12.536	117	45728	59.897	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	118663	54.927	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21979	55.720	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	70351	56.697	ug/l	99
94) Hexachlorobutadiene	13.719	225	31264	57.691	ug/l	97
95) Naphthalene	13.774	128	244681	53.765	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	71987	56.226	ug/l	100

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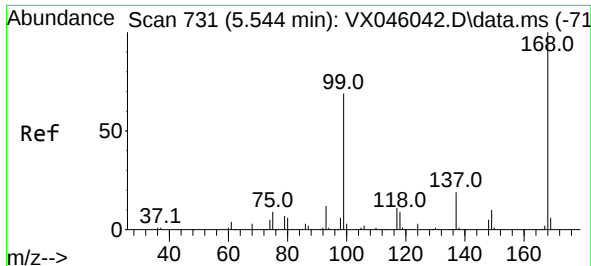
Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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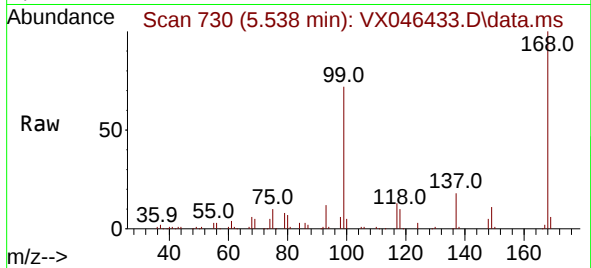
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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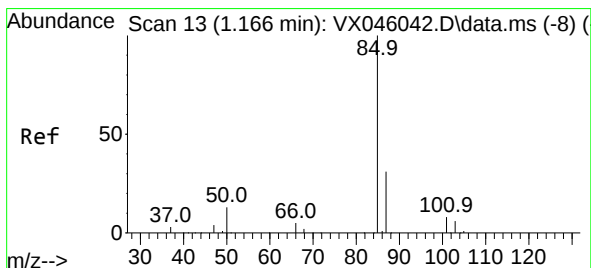
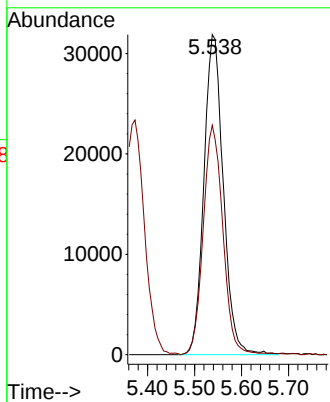
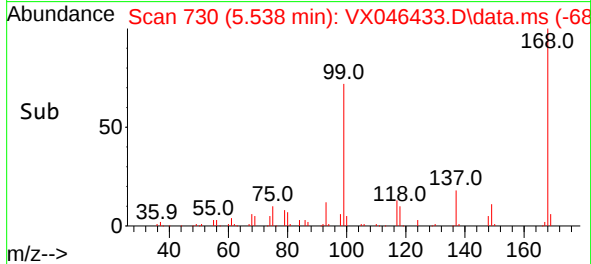
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 9124
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3

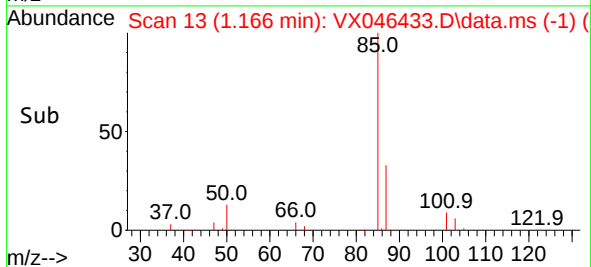
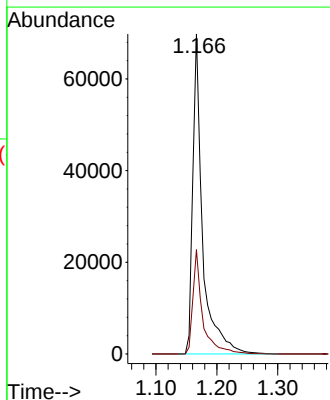
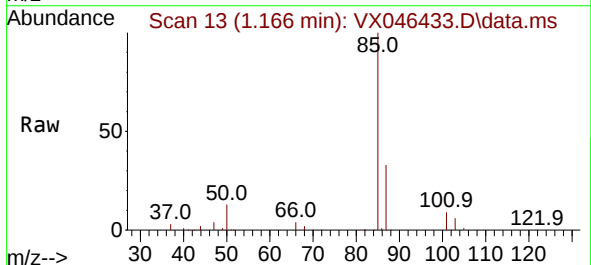
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#2
Dichlorodifluoromethane
Concen: 55.466 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion: 85 Resp: 77464
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.1





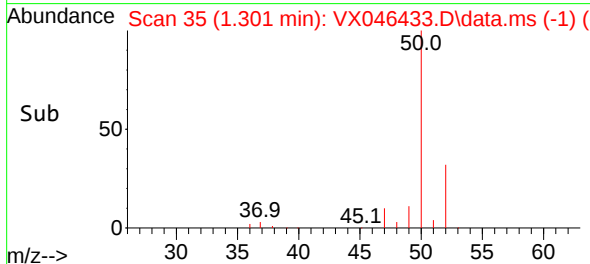
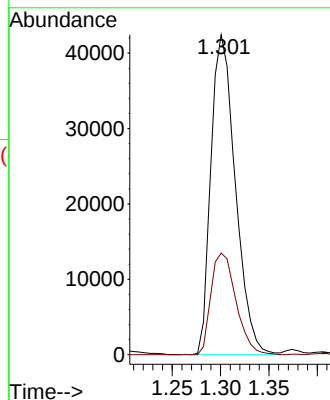
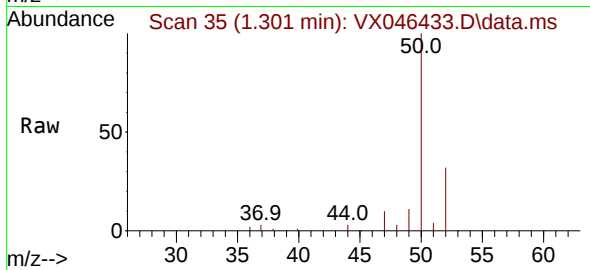
#3
Chloromethane
Concen: 55.048 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 74554
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2

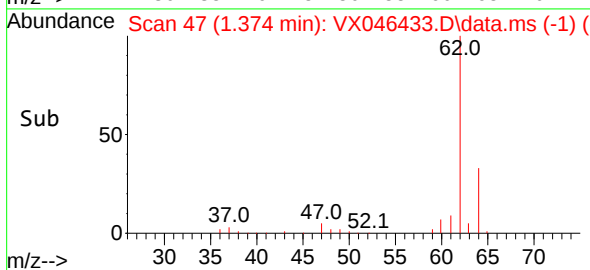
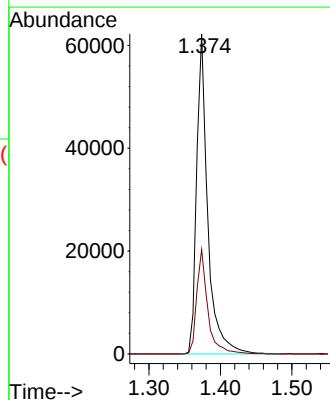
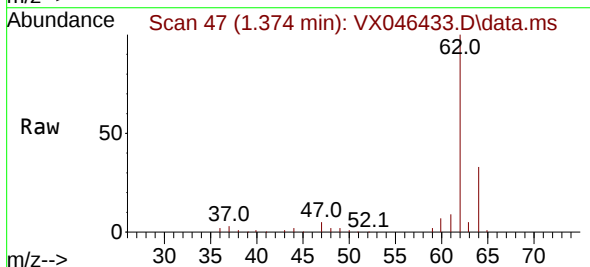
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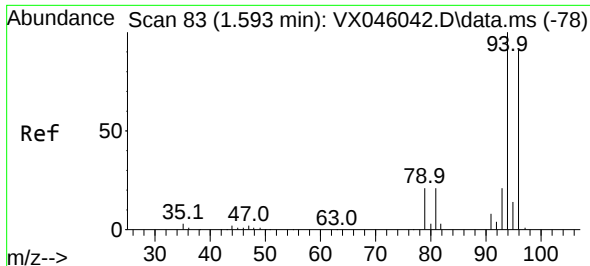
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#4
Vinyl Chloride
Concen: 53.142 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

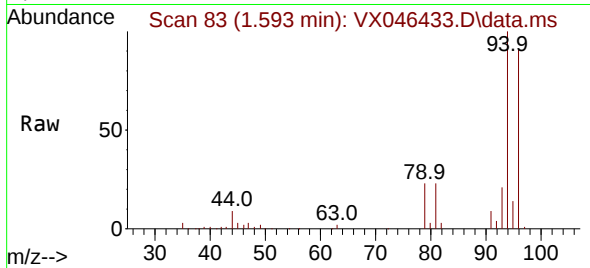
Tgt Ion: 62 Resp: 66984
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8





#5
Bromomethane
Concen: 52.289 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

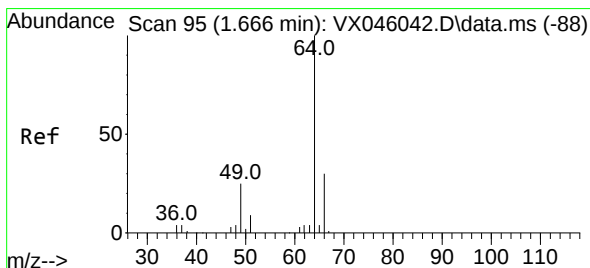
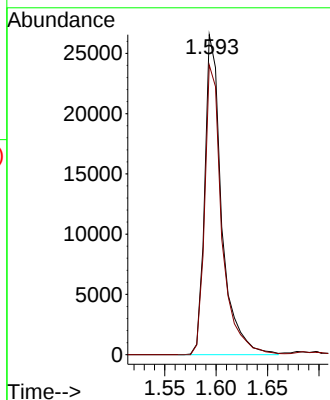
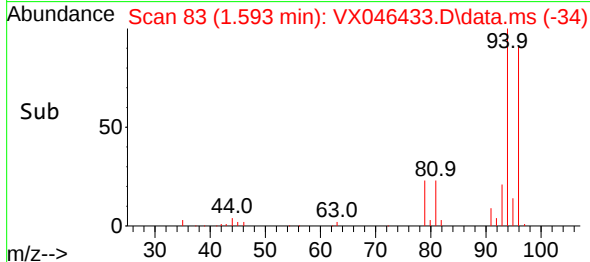
Instrument :
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Tgt Ion: 94 Resp: 30570
Ion Ratio Lower Upper
94 100
96 90.5 72.8 109.2

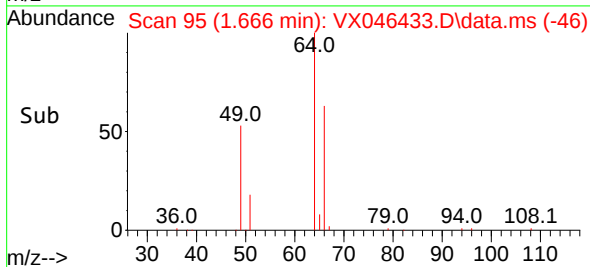
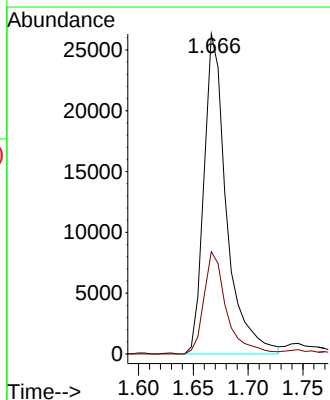
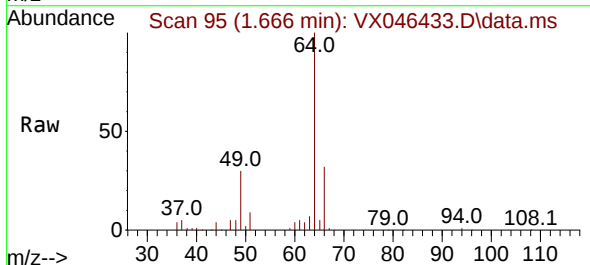
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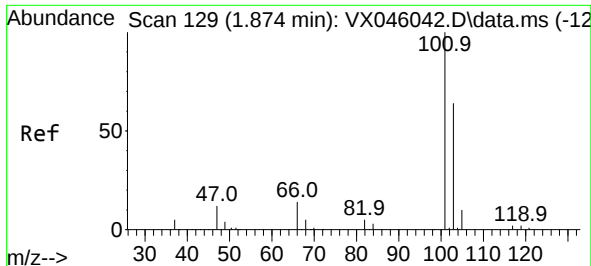
Reviewed By :John Carlone 06/03/2025
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#6
Chloroethane
Concen: 55.901 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

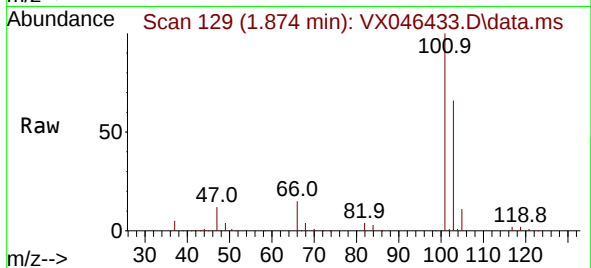
Tgt Ion: 64 Resp: 37616
Ion Ratio Lower Upper
64 100
66 32.0 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 55.667 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046433.D
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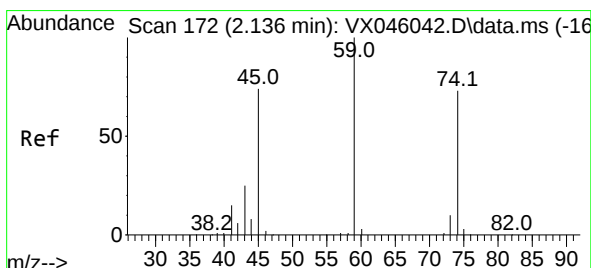
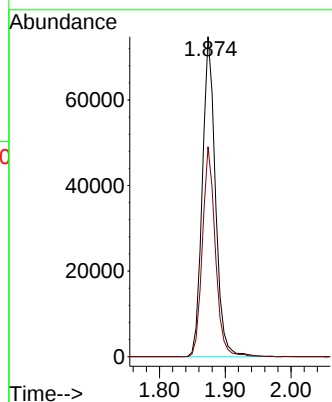
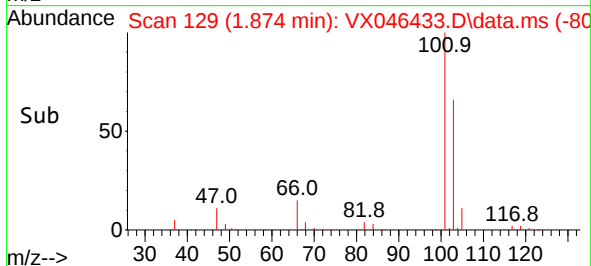
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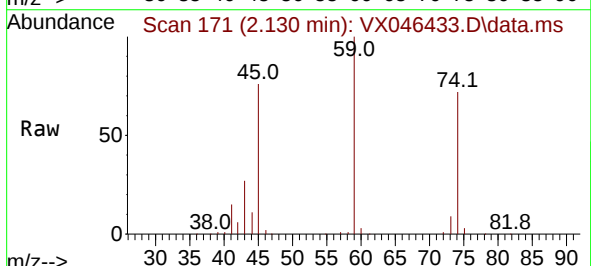
Tgt Ion:101 Resp: 10370
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.0 76.4

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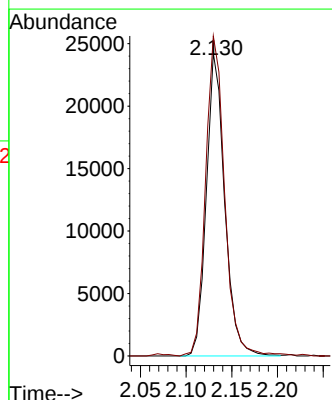
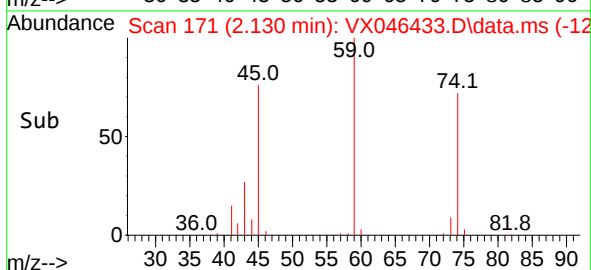
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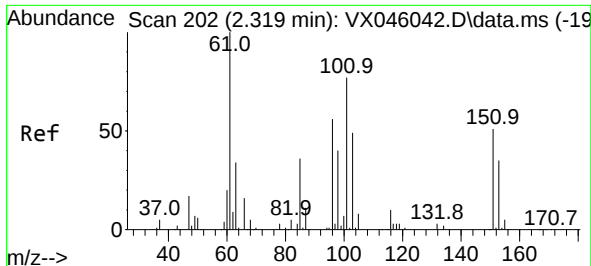


#8
 Diethyl Ether
 Concen: 53.276 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21



Tgt Ion: 74 Resp: 33785
 Ion Ratio Lower Upper
 74 100
 45 109.8 54.9 164.8





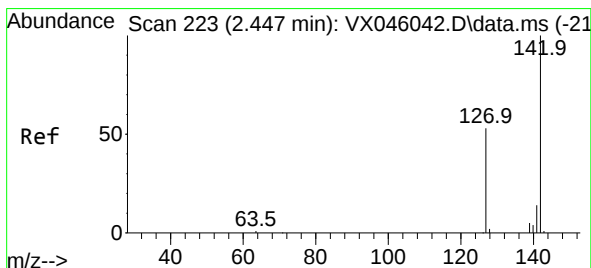
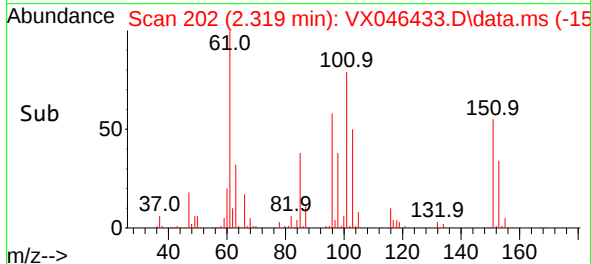
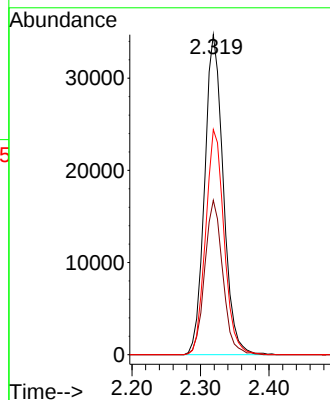
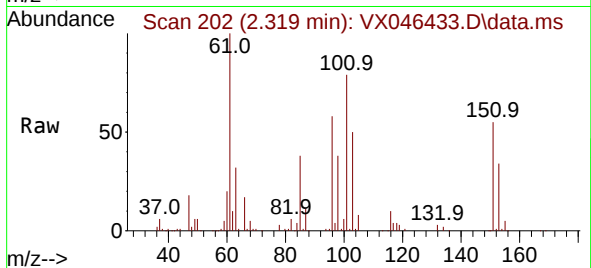
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.176 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
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Tgt Ion:101 Resp: 6591
Ion Ratio Lower Upper
101 100
85 46.6 38.6 58.0
151 69.7 55.2 82.8

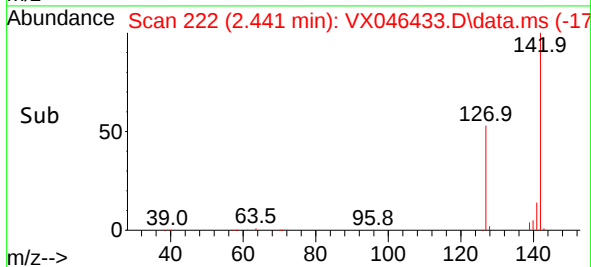
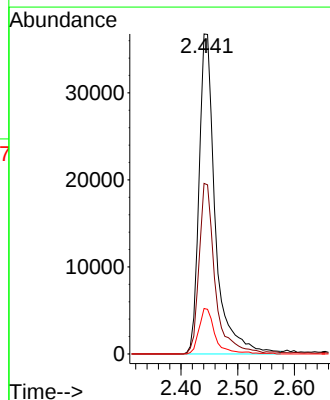
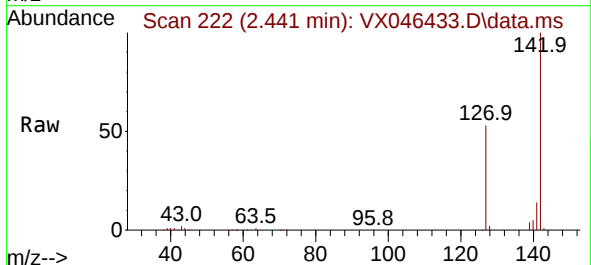
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#10
Methyl Iodide
Concen: 53.713 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion:142 Resp: 73271
Ion Ratio Lower Upper
142 100
127 52.2 41.7 62.5
141 14.1 11.5 17.3





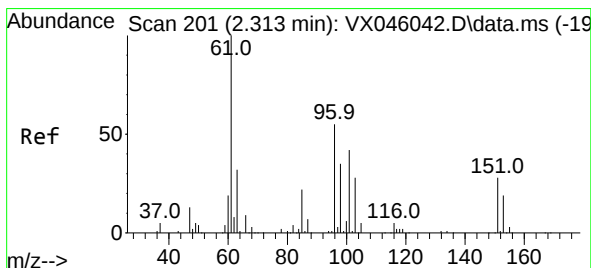
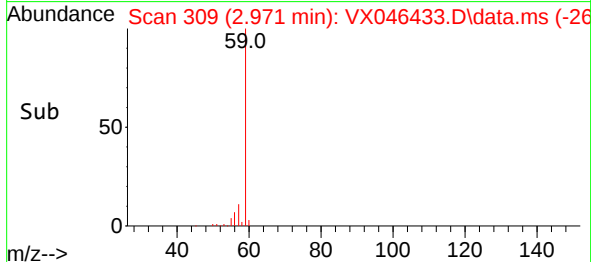
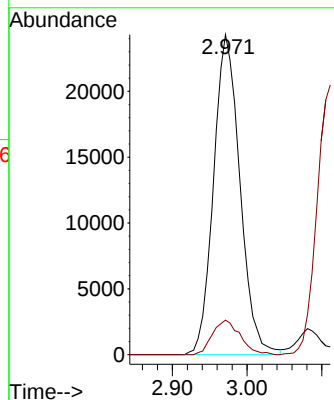
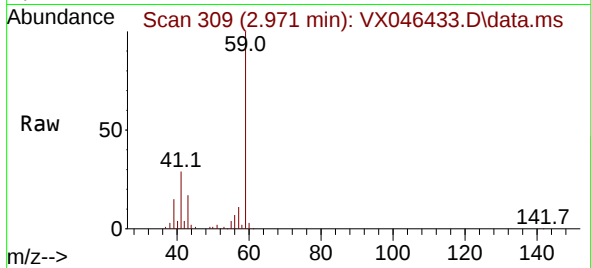
#11
Tert butyl alcohol
Concen: 249.749 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5963
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

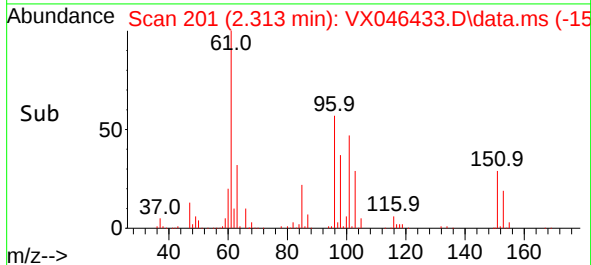
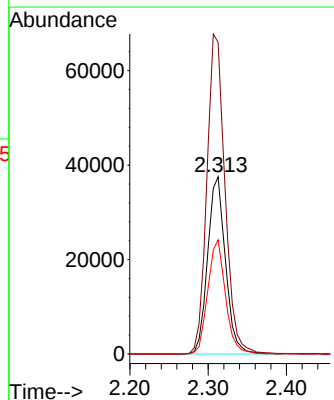
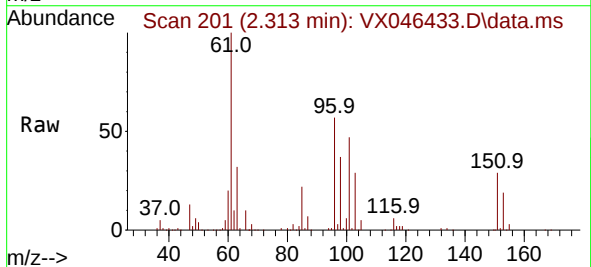
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#12
1,1-Dichloroethene
Concen: 54.835 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

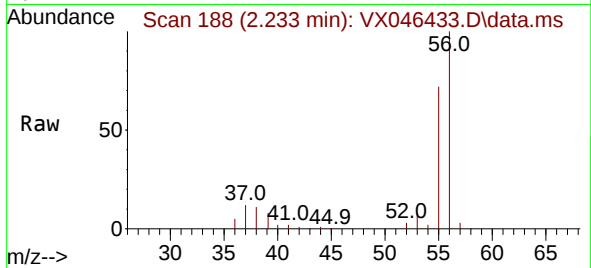
Tgt Ion: 96 Resp: 59329
Ion Ratio Lower Upper
96 100
61 175.8 146.2 219.2
98 64.4 51.0 76.6





#13
Acrolein
Concen: 245.681 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

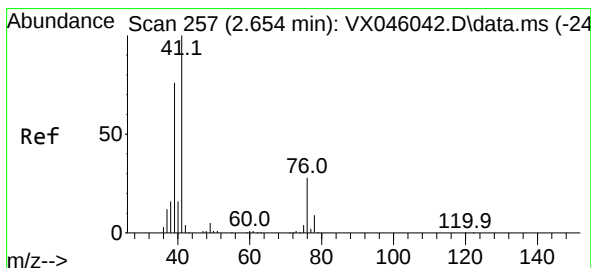
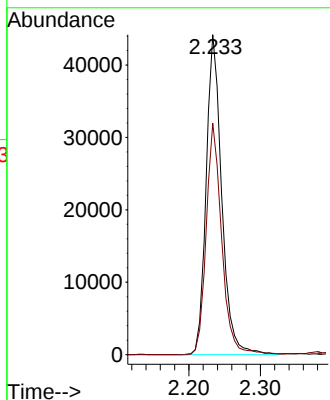
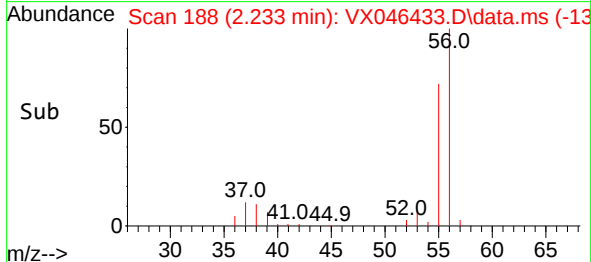
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 6681
Ion Ratio Lower Upper
56 100
55 72.1 56.2 84.4

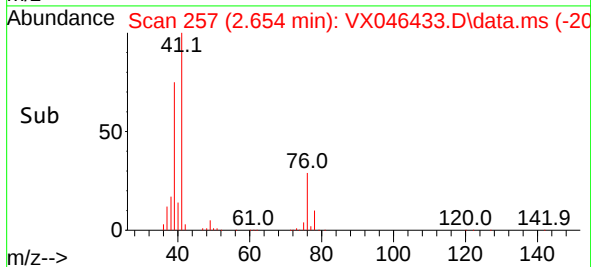
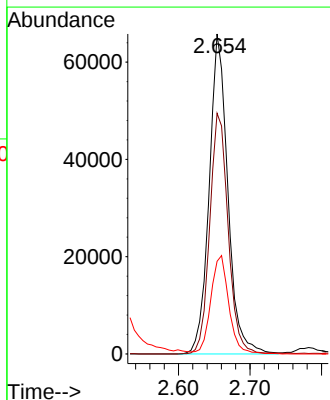
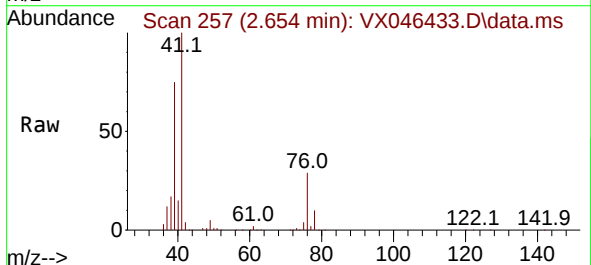
Manual Integrations
APPROVED

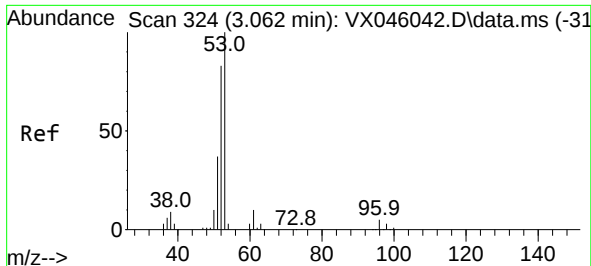
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#14
Allyl chloride
Concen: 57.739 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

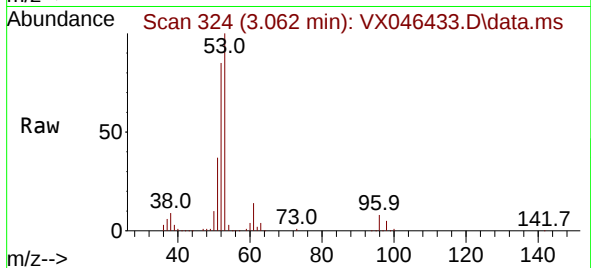
Tgt Ion: 41 Resp: 119395
Ion Ratio Lower Upper
41 100
39 74.3 60.6 90.8
76 29.8 24.9 37.3





#15
Acrylonitrile
Concen: 274.035 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

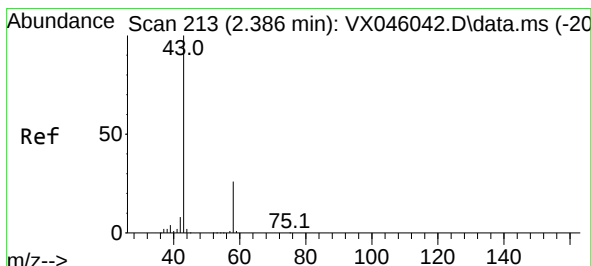
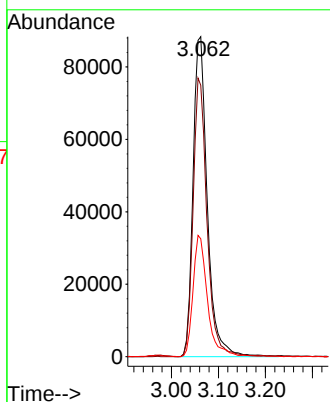
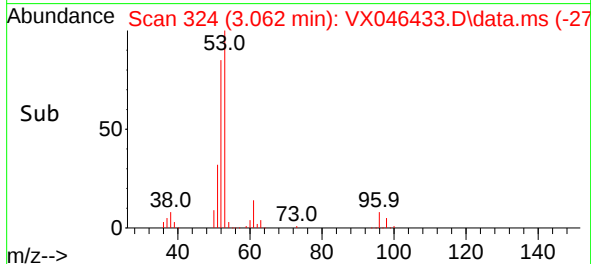
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 18711
Ion Ratio Lower Upper
53 100
52 84.8 65.3 97.9
51 38.2 29.8 44.8

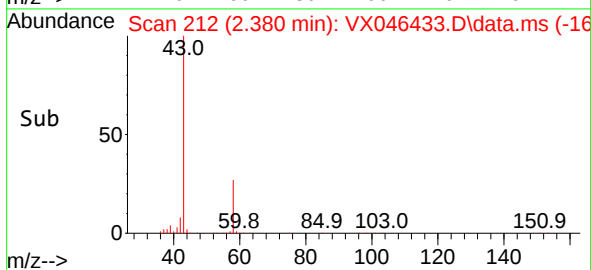
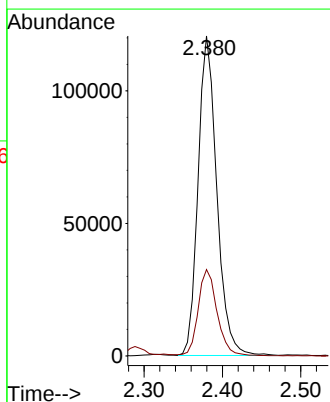
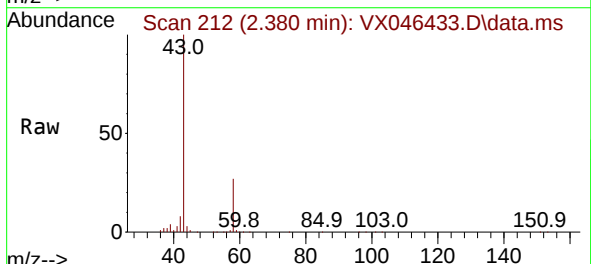
Manual Integrations
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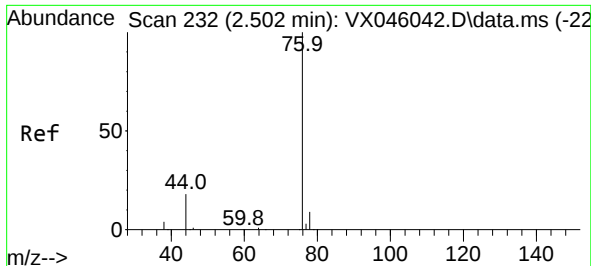
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#16
Acetone
Concen: 293.784 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion: 43 Resp: 200383
Ion Ratio Lower Upper
43 100
58 26.9 21.2 31.8





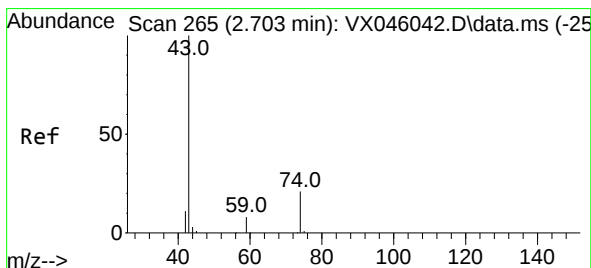
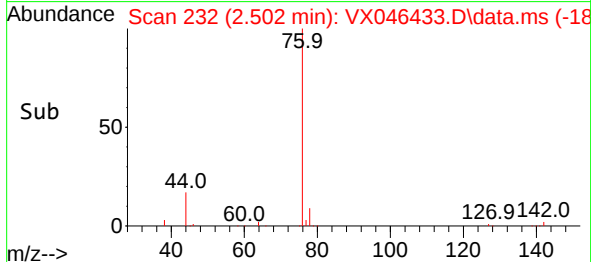
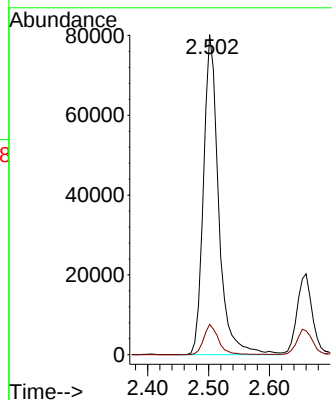
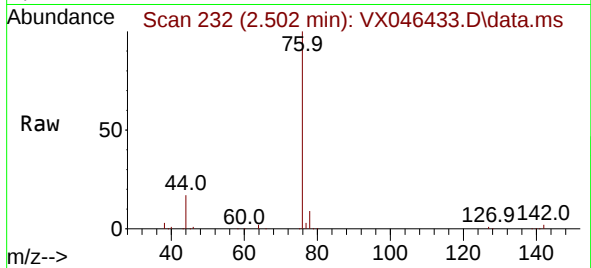
#17
Carbon Disulfide
Concen: 54.077 ug/l
RT: 2.502 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 13871
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

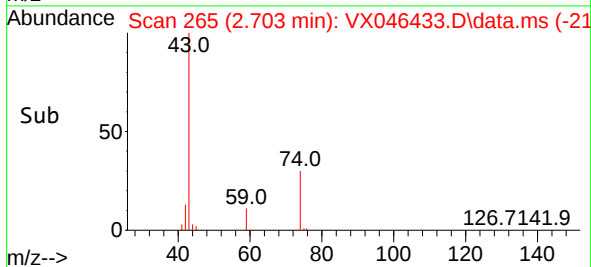
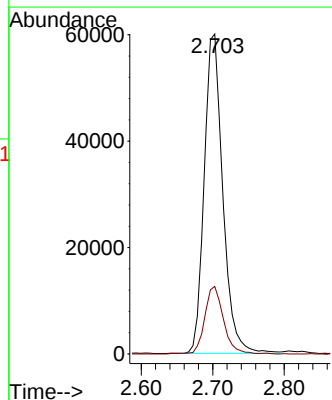
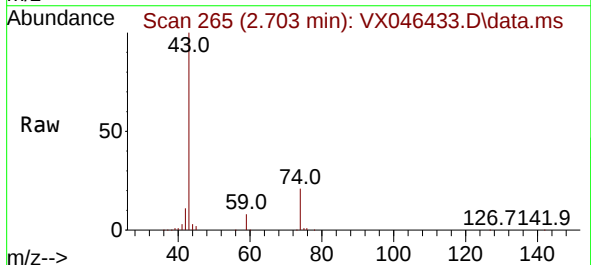
Manual Integrations
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Supervised By :Mahesh Dadoda 06/03/2025



#18
Methyl Acetate
Concen: 68.541 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion: 43 Resp: 108485
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1





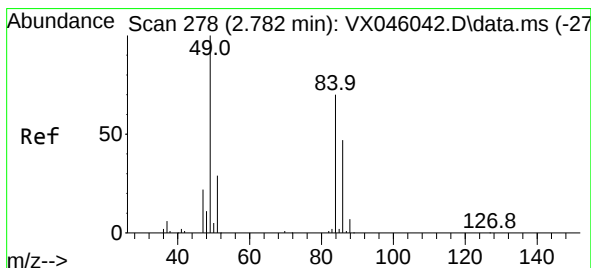
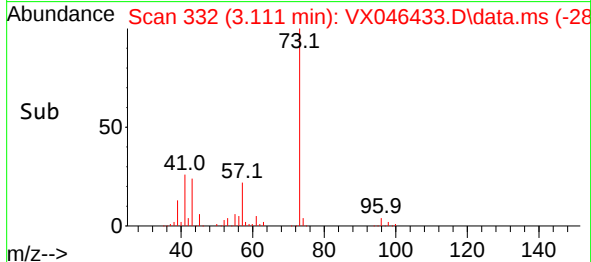
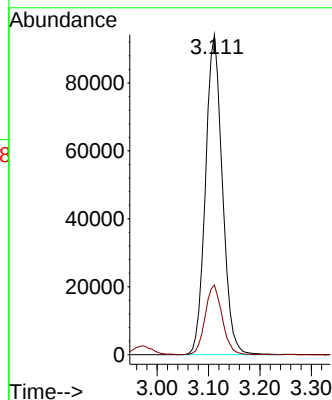
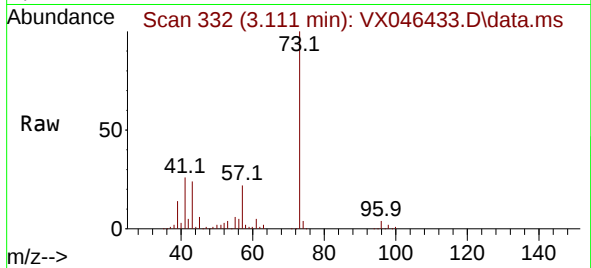
#19
Methyl tert-butyl Ether
Concen: 56.604 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 214715
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

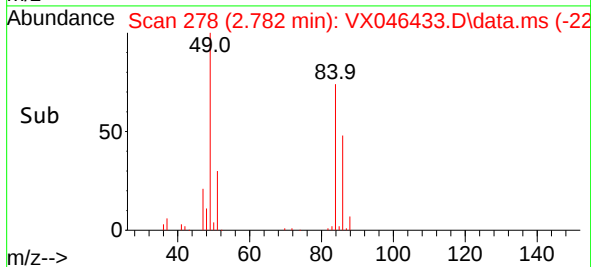
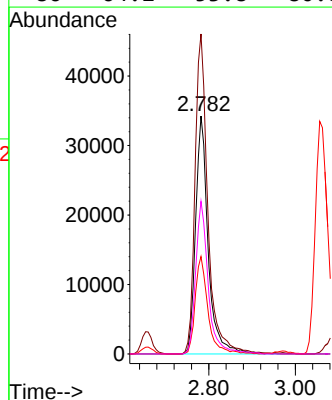
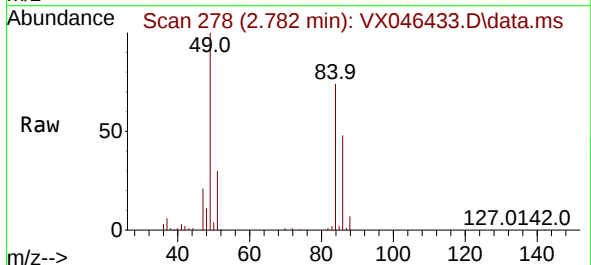
Manual Integrations
APPROVED

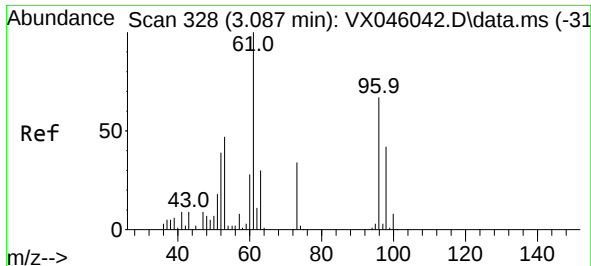
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#20
Methylene Chloride
Concen: 52.861 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

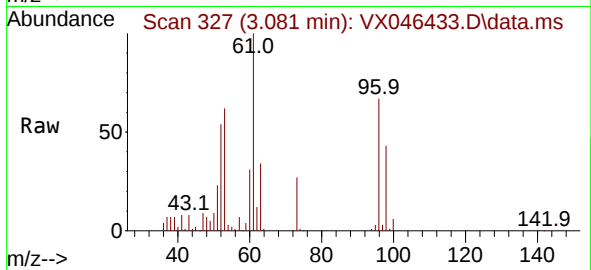
Tgt Ion: 84 Resp: 69094
Ion Ratio Lower Upper
84 100
49 134.5 113.9 170.9
51 41.0 33.5 50.3
86 64.2 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 54.056 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

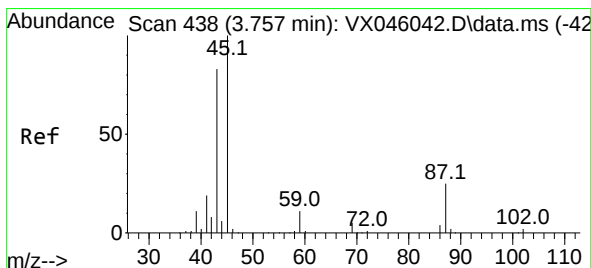
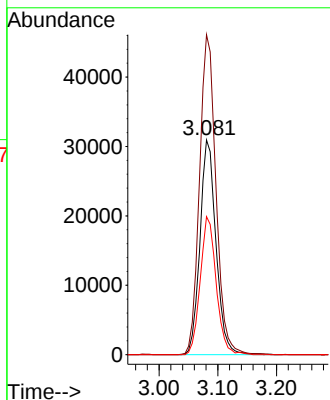
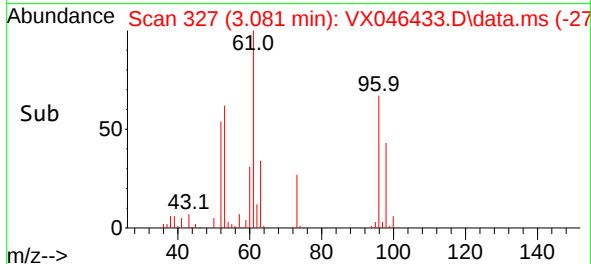
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5881
Ion Ratio Lower Upper
96 100
61 149.0 119.5 179.3
98 64.3 50.0 75.0

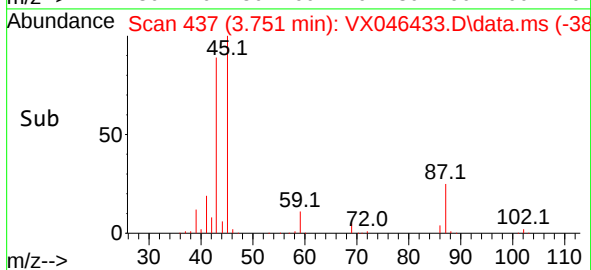
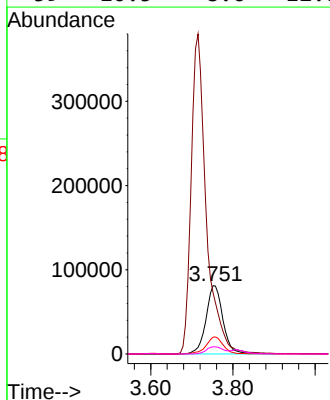
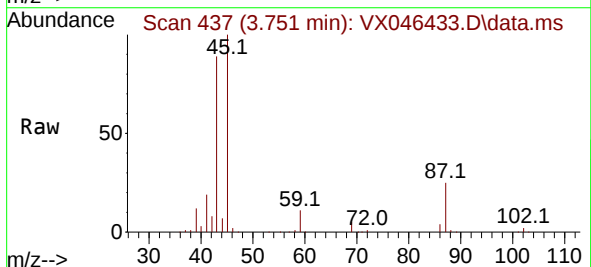
Manual Integrations
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Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#22
Diisopropyl ether
Concen: 57.886 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

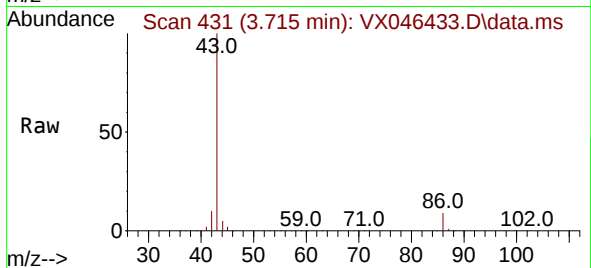
Tgt Ion: 45 Resp: 231216
Ion Ratio Lower Upper
45 100
43 89.1 66.6 100.0
87 24.6 19.8 29.6
59 10.5 8.6 12.8





#23
 Vinyl Acetate
 Concen: 277.004 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21

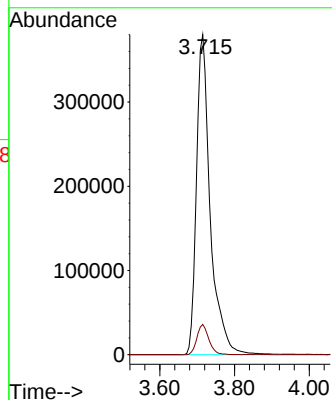
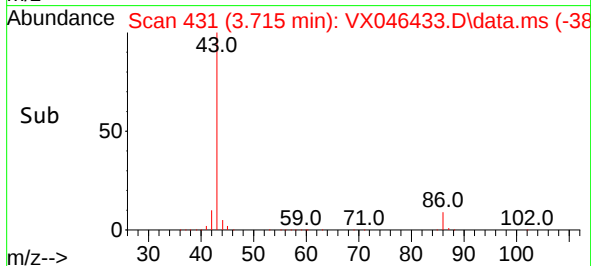
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



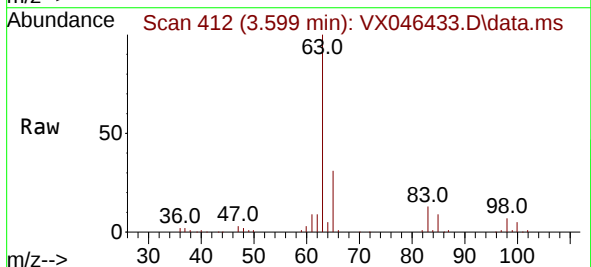
Tgt Ion: 43 Resp: 973152
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

Manual Integrations
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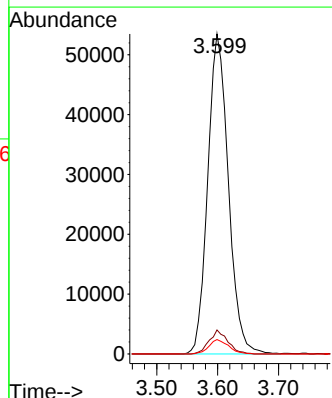
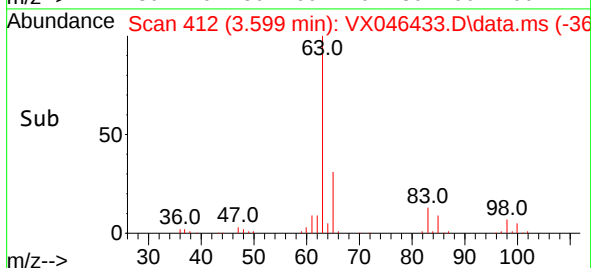
Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025

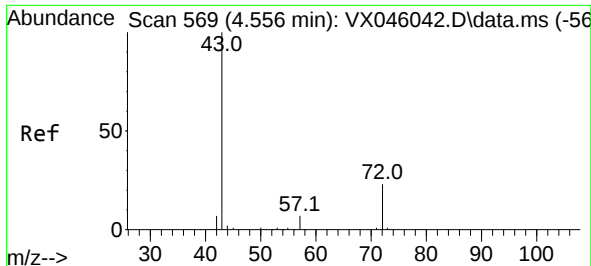


#24
 1,1-Dichloroethane
 Concen: 56.565 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21



Tgt Ion: 63 Resp: 125843
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.5 2.1 6.3





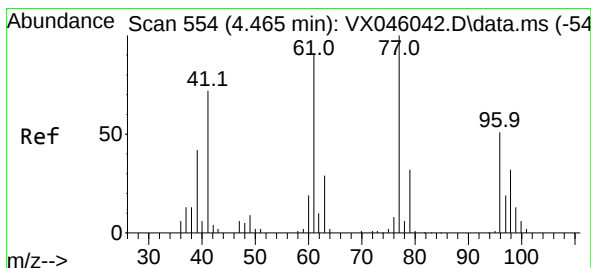
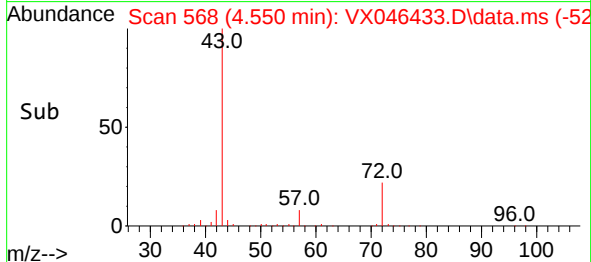
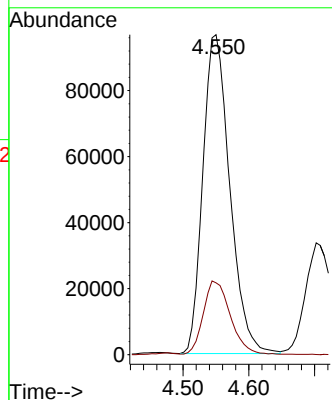
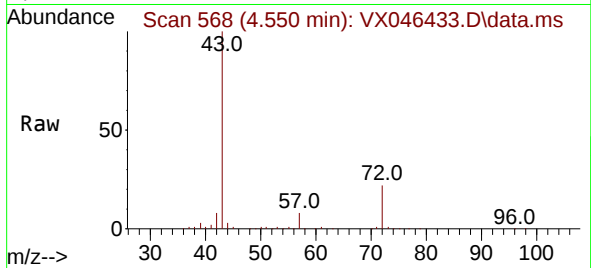
#25
2-Butanone
Concen: 278.140 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 27542
Ion Ratio Lower Upper
43 100
72 22.4 18.4 27.6

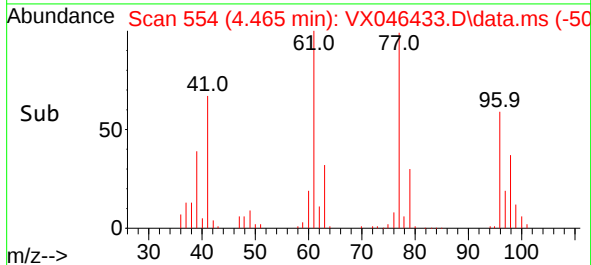
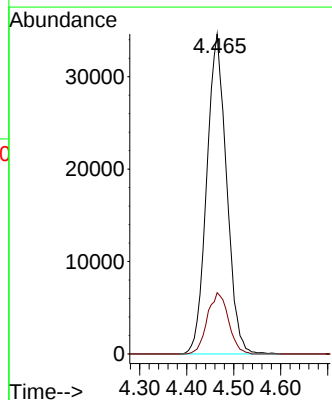
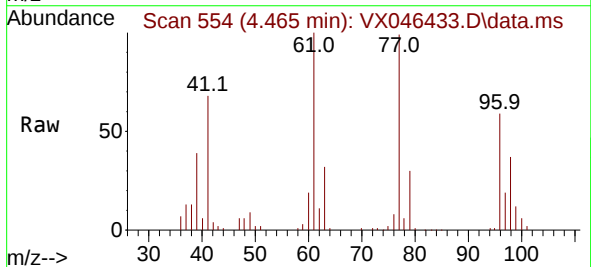
Manual Integrations
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Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#26
2,2-Dichloropropane
Concen: 58.249 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

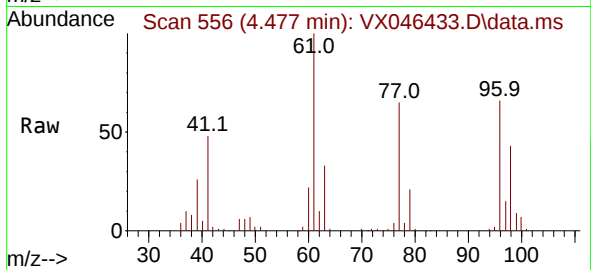
Tgt Ion: 77 Resp: 101430
Ion Ratio Lower Upper
77 100
97 20.3 10.5 31.5





#27
cis-1,2-Dichloroethene
Concen: 56.099 ug/l
RT: 4.477 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

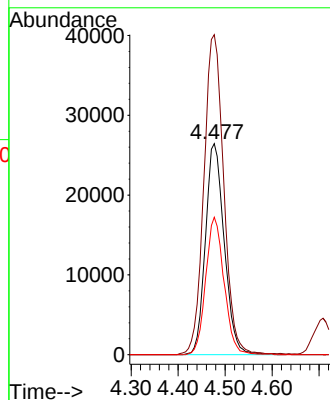
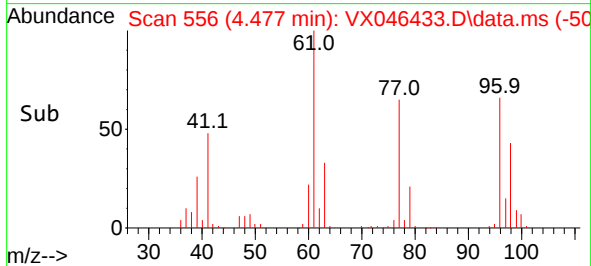
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 7348
Ion Ratio Lower Upper
96 100
61 159.9 0.0 322.8
98 63.4 0.0 129.0

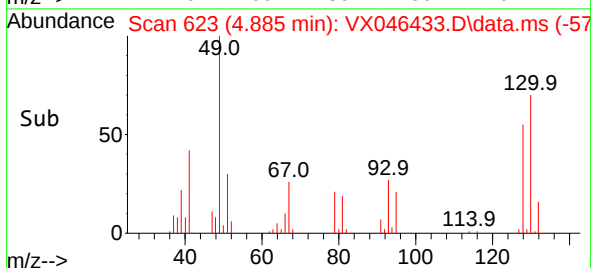
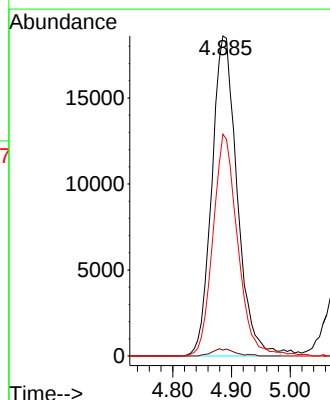
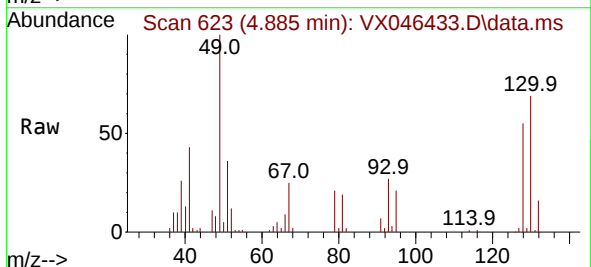
Manual Integrations
APPROVED

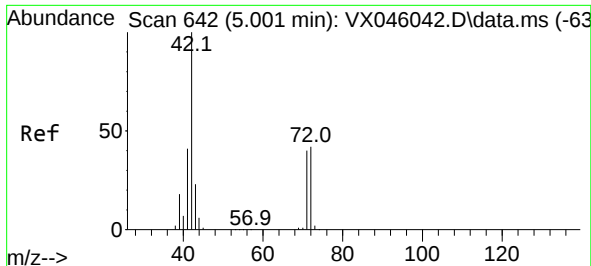
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#28
Bromochloromethane
Concen: 52.003 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.012 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion: 49 Resp: 55689
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 67.8 56.2 84.2





#29

Tetrahydrofuran

Concen: 272.299 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX046433.D

Acq: 02 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16896

Ion Ratio Lower Upper

42 100

72 41.0 33.7 50.5

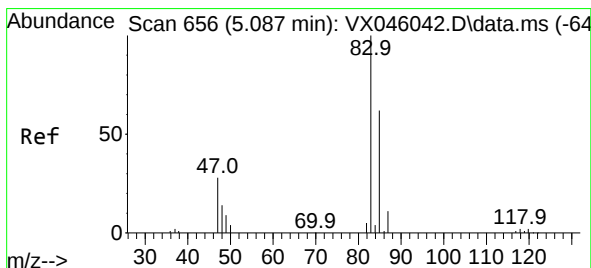
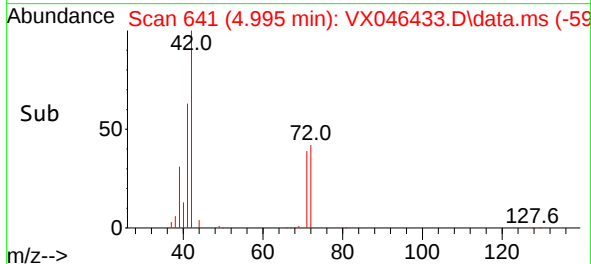
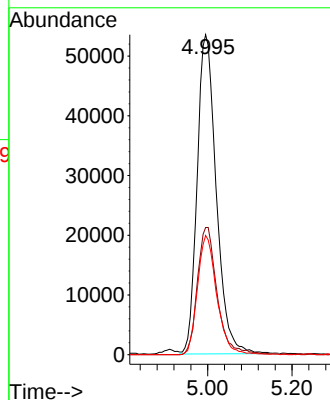
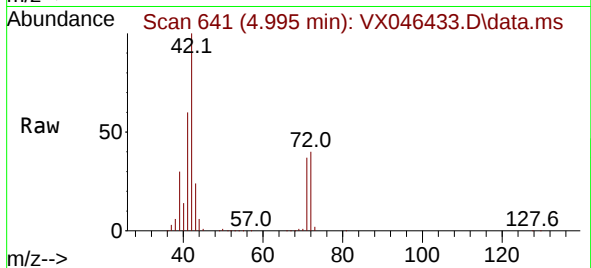
71 37.6 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#30

Chloroform

Concen: 55.826 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX046433.D

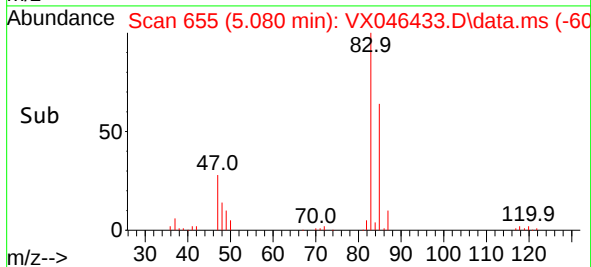
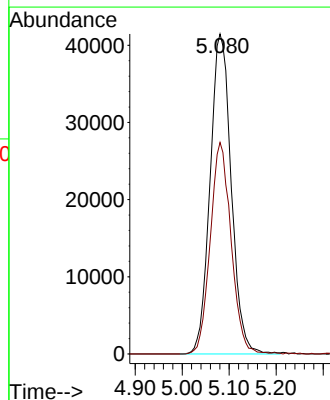
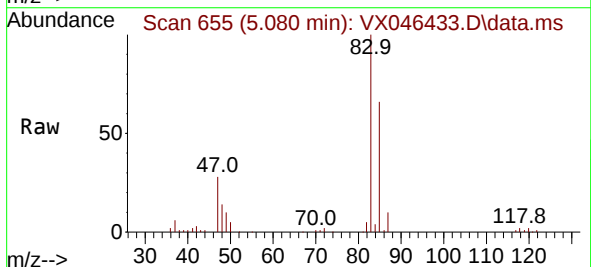
Acq: 02 Jun 2025 10:21

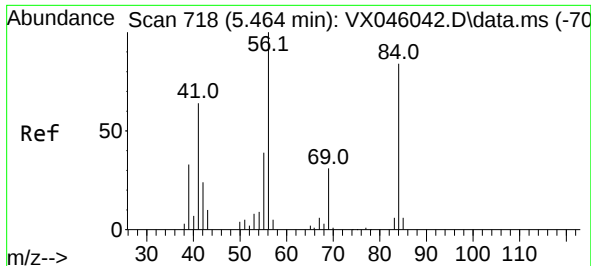
Tgt Ion: 83 Resp: 129453

Ion Ratio Lower Upper

83 100

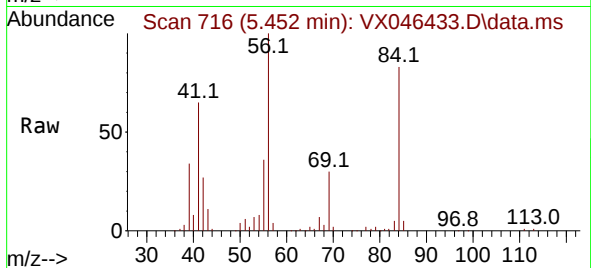
85 66.1 49.3 73.9





#31
Cyclohexane
Concen: 52.958 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

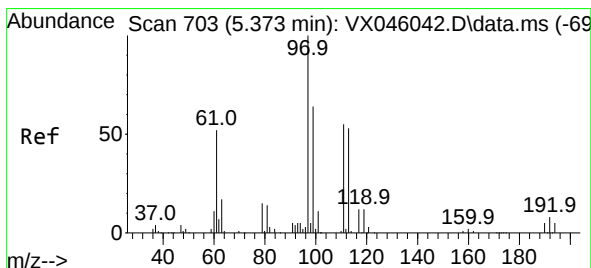
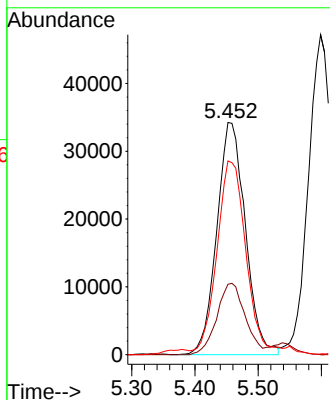
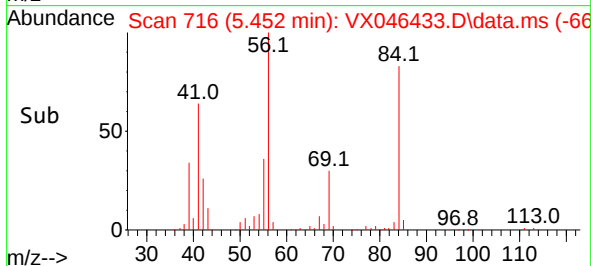
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10736
Ion Ratio Lower Upper
56 100
69 30.3 24.4 36.6
84 81.5 66.9 100.3

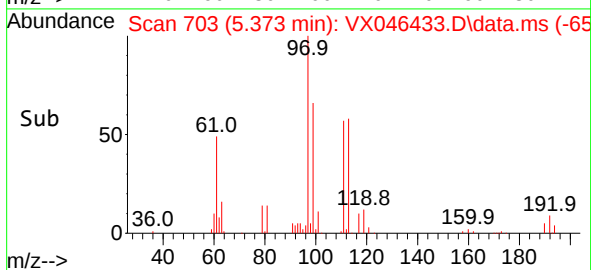
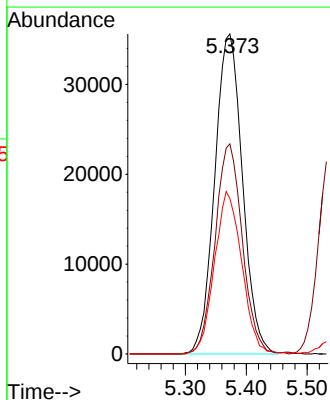
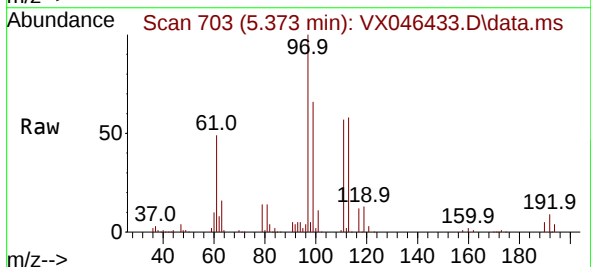
Manual Integrations
APPROVED

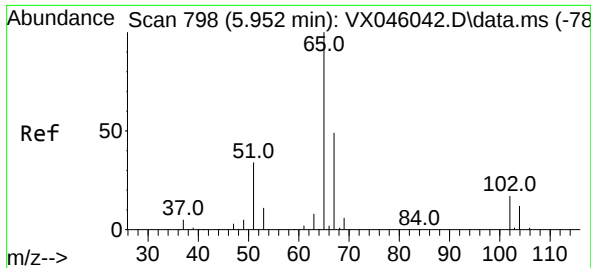
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#32
1,1,1-Trichloroethane
Concen: 56.155 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion: 97 Resp: 112877
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 50.2 40.1 60.1





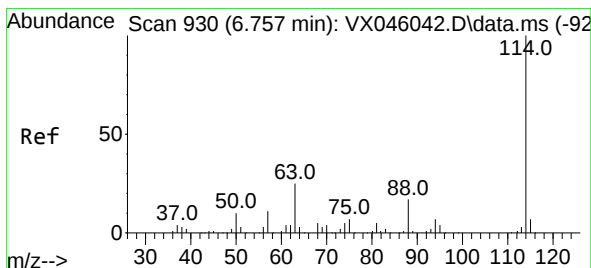
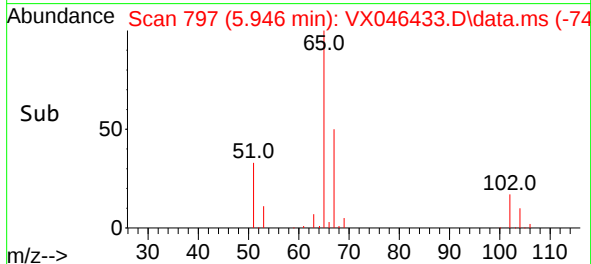
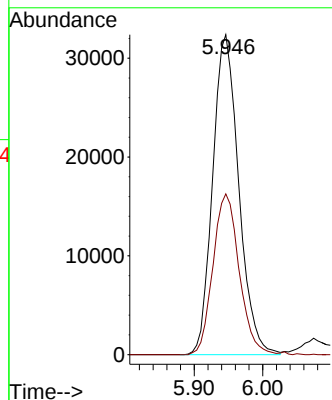
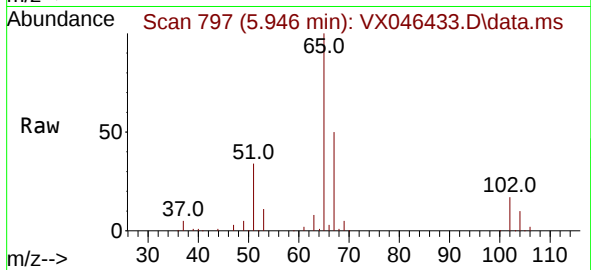
#33
 1,2-Dichloroethane-d4
 Concen: 50.232 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 8545
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.0

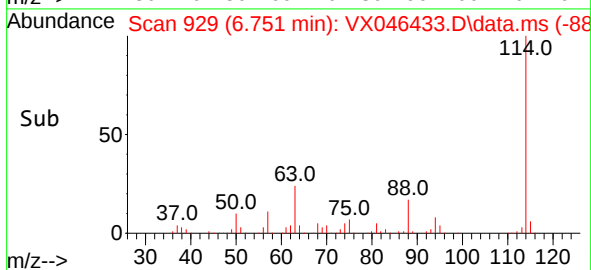
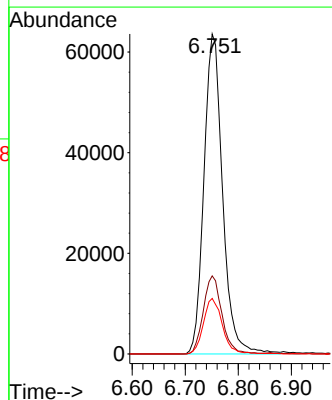
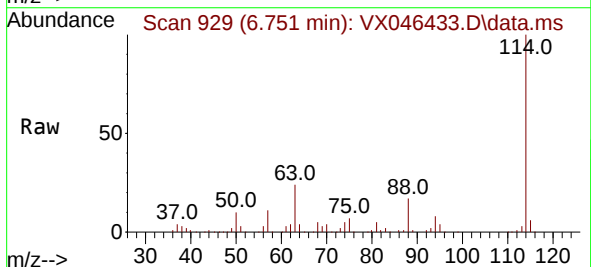
Manual Integrations
 APPROVED

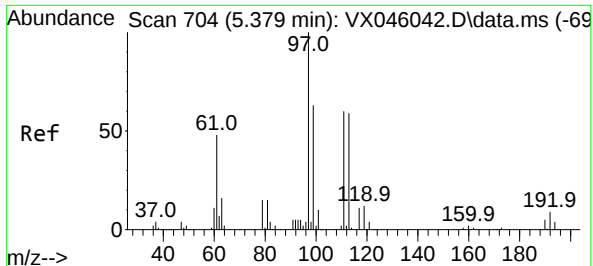
Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21

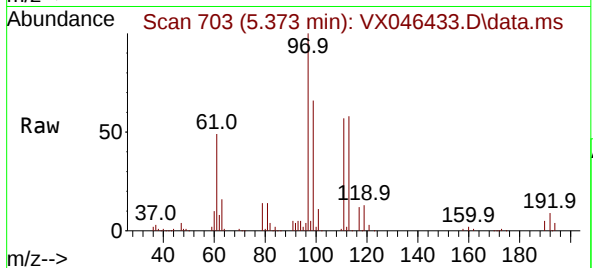
Tgt Ion:114 Resp: 155497
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.4 0.0 33.6





#35
Dibromofluoromethane
Concen: 54.769 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

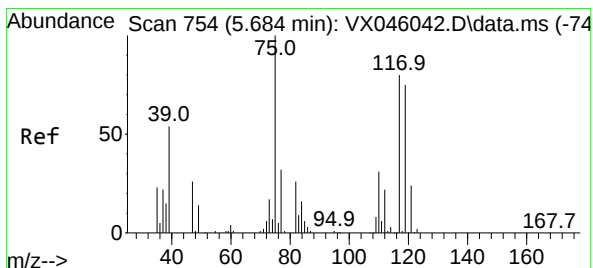
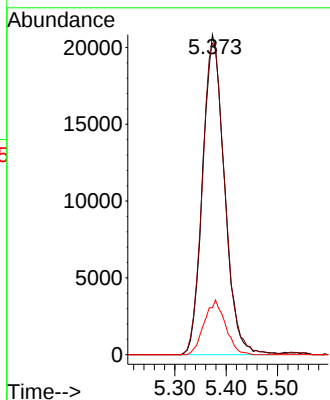
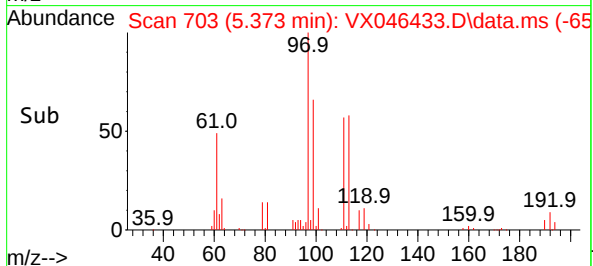
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 6132
Ion Ratio Lower Upper
113 100
111 100.9 83.1 124.7
192 16.7 13.3 19.9

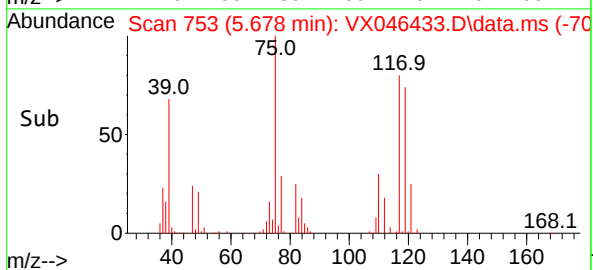
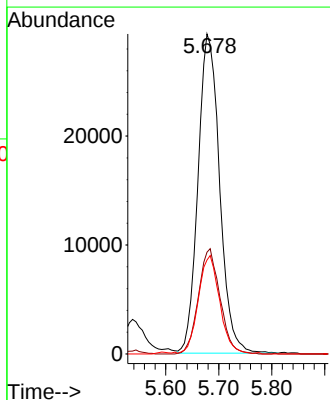
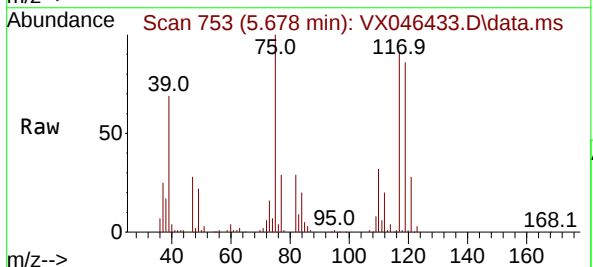
Manual Integrations
APPROVED

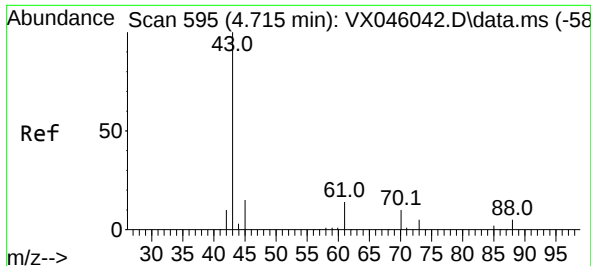
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#36
1,1-Dichloropropene
Concen: 55.170 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

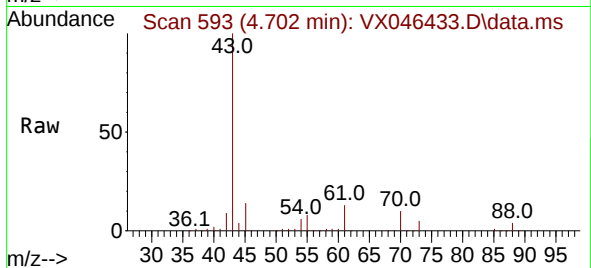
Tgt Ion: 75 Resp: 83002
Ion Ratio Lower Upper
75 100
110 32.9 16.3 48.9
77 30.2 24.3 36.5





#37
Ethyl Acetate
Concen: 53.466 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

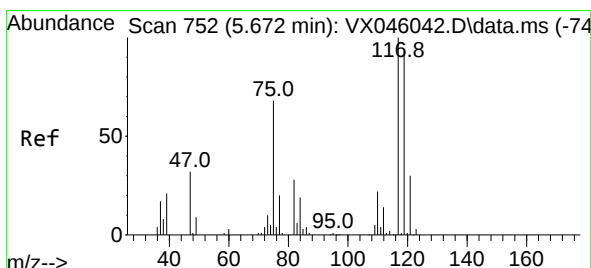
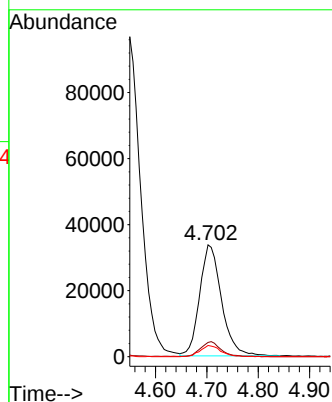
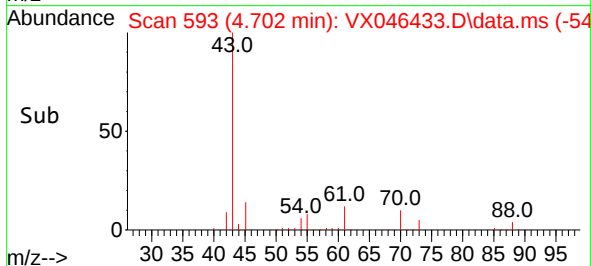
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 9938
Ion Ratio Lower Upper
43 100
61 11.9 10.3 15.5
70 9.6 7.9 11.9

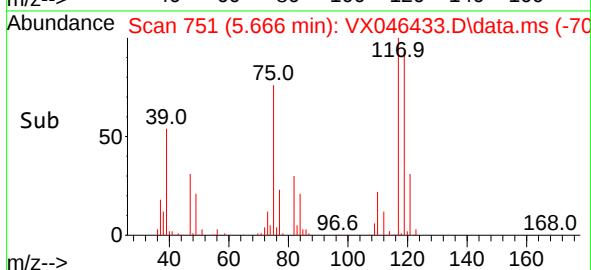
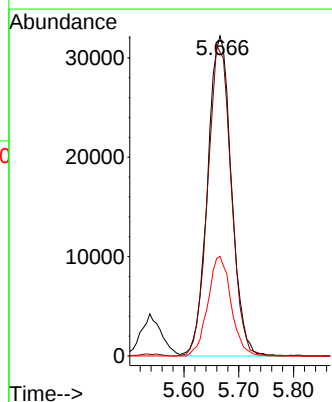
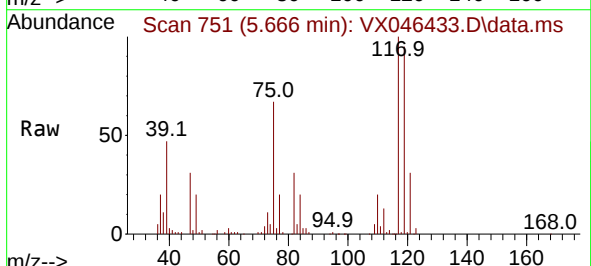
Manual Integrations
APPROVED

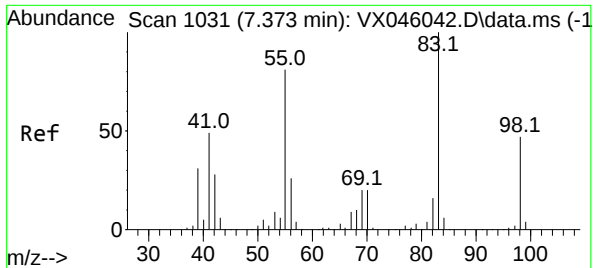
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#38
Carbon Tetrachloride
Concen: 57.505 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

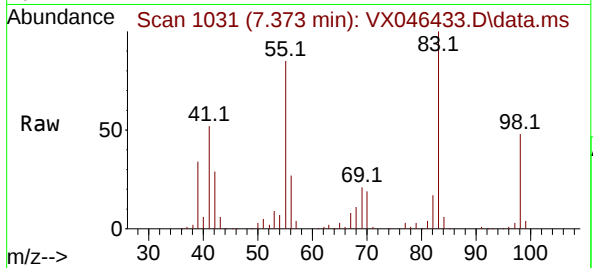
Tgt Ion:117 Resp: 97207
Ion Ratio Lower Upper
117 100
119 94.8 75.2 112.8
121 31.1 24.2 36.4





#39
Methylcyclohexane
Concen: 54.674 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

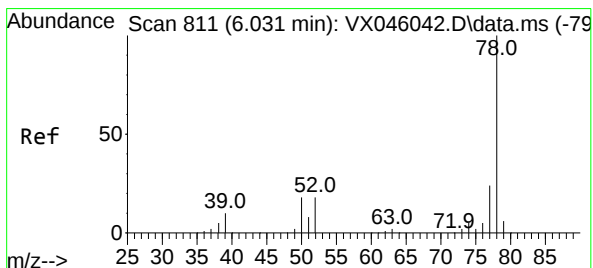
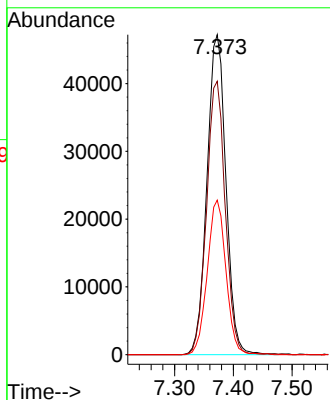
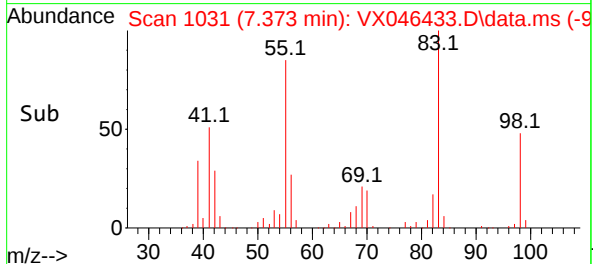
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



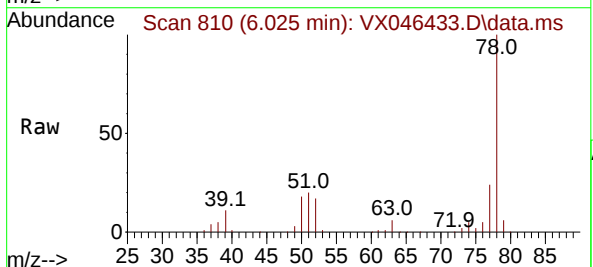
Tgt Ion: 83 Resp: 105898
Ion Ratio Lower Upper
83 100
55 85.4 64.7 97.1
98 48.3 37.4 56.2

Manual Integrations
APPROVED

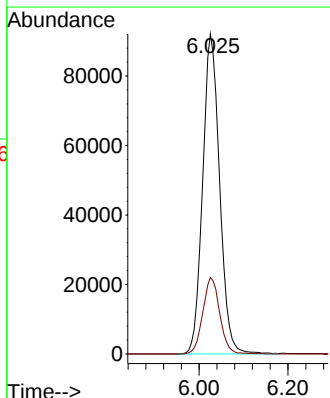
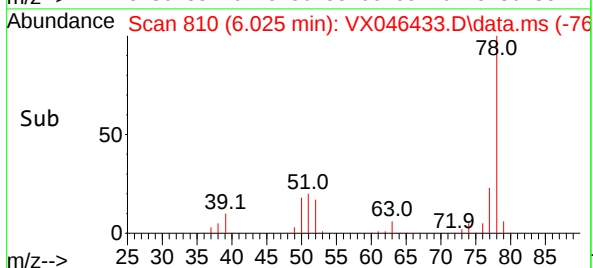
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#40
Benzene
Concen: 55.573 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21



Tgt Ion: 78 Resp: 244897
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 60.801 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

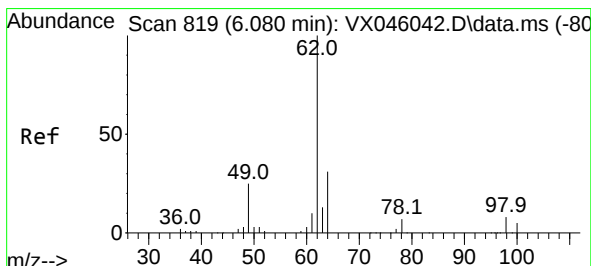
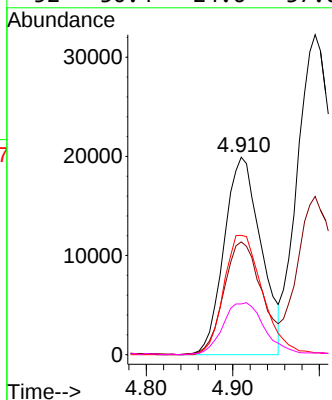
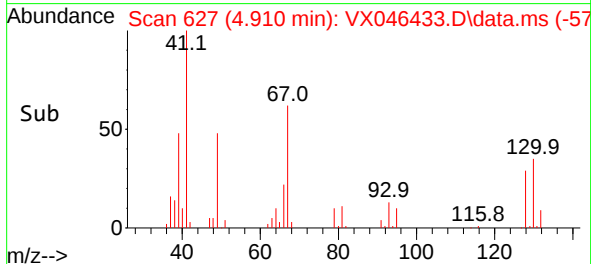
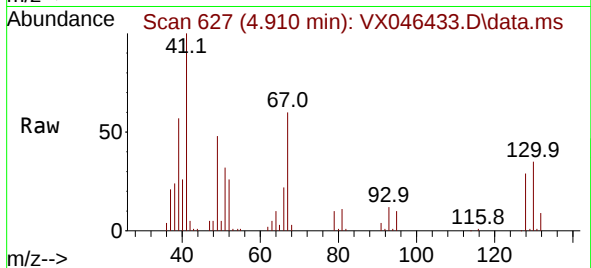
Tgt Ion: 41 Resp: 59120
Ion Ratio Lower Upper
41 100
39 58.6 47.2 70.8
67 63.8 50.7 76.1
52 30.4 24.6 37.0

Manual Integrations

APPROVED

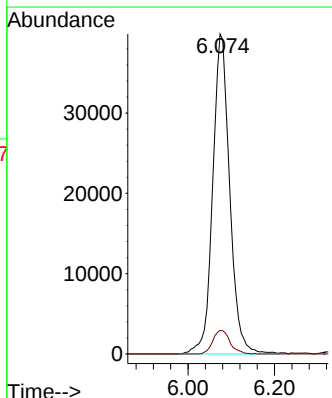
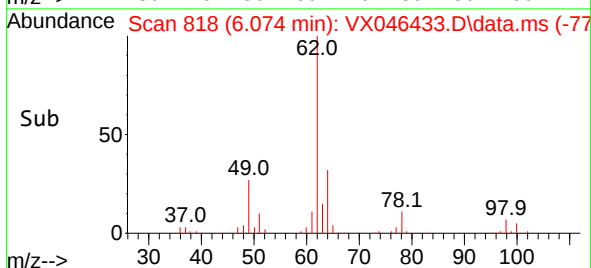
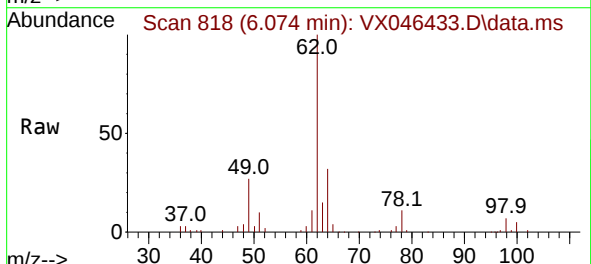
Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#42
1,2-Dichloroethane
Concen: 57.128 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

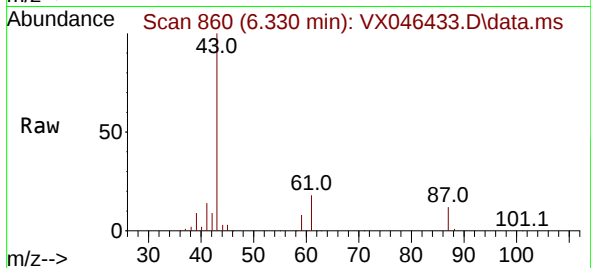
Tgt Ion: 62 Resp: 108654
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 57.141 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

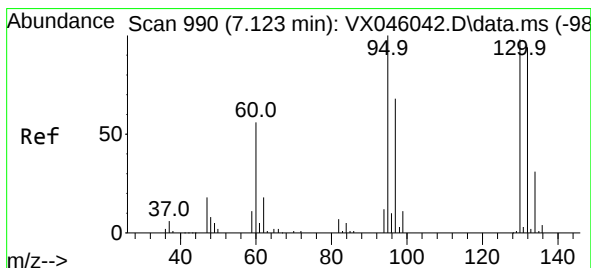
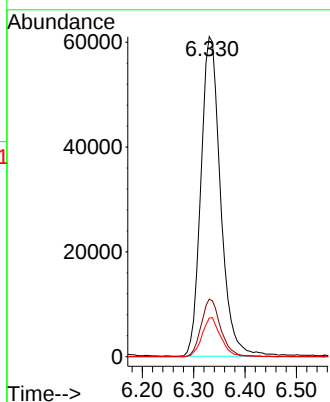
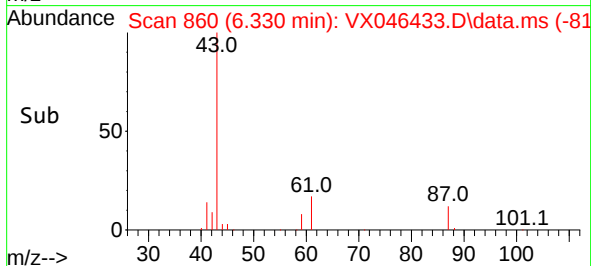
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 162035
Ion Ratio Lower Upper
43 100
61 17.8 14.3 21.5
87 11.6 9.5 14.3

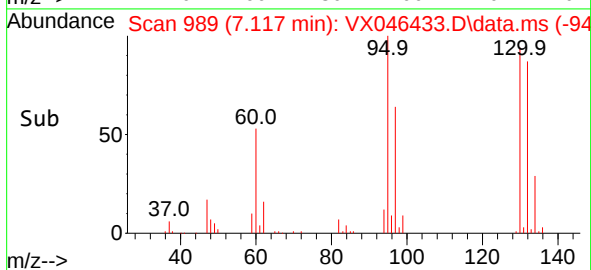
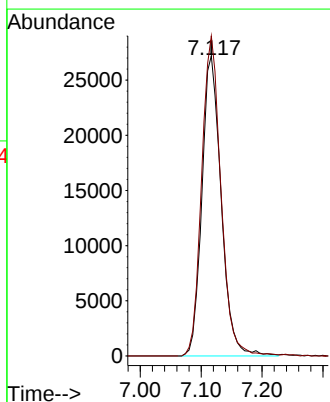
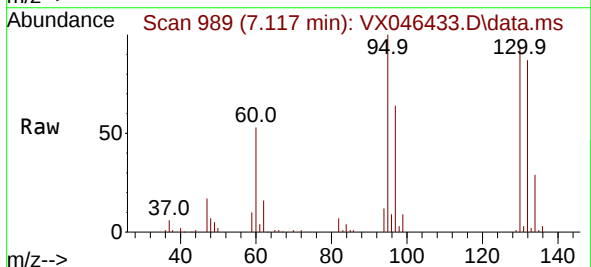
Manual Integrations
APPROVED

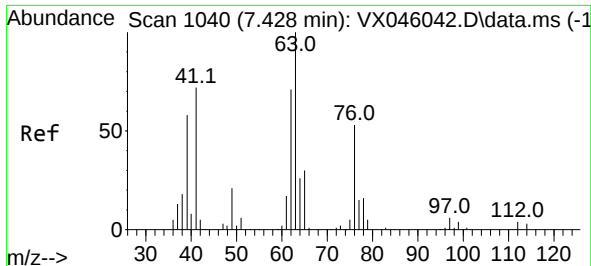
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#44
Trichloroethene
Concen: 56.415 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion:130 Resp: 59836
Ion Ratio Lower Upper
130 100
95 106.6 0.0 204.2





#45

1,2-Dichloropropane

Concen: 58.264 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX046433.D

Acq: 02 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6384

Ion Ratio Lower Upper

63 100

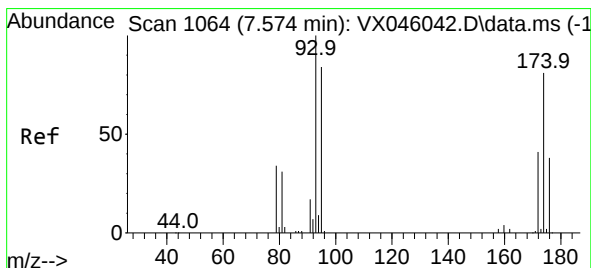
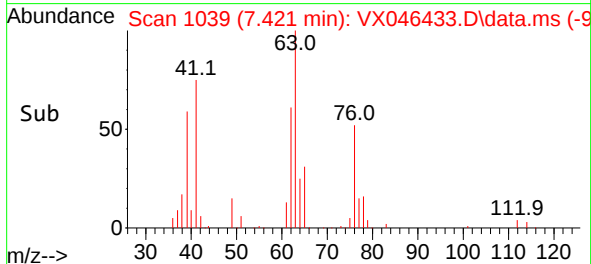
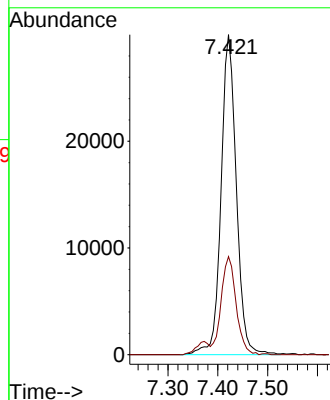
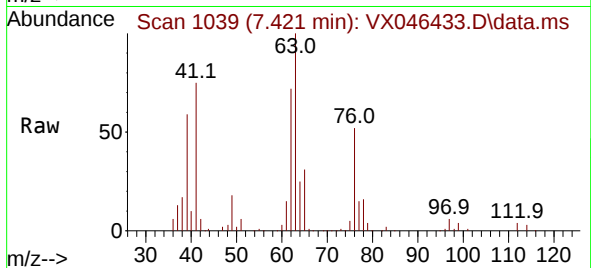
65 30.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#46

Dibromomethane

Concen: 55.522 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX046433.D

Acq: 02 Jun 2025 10:21

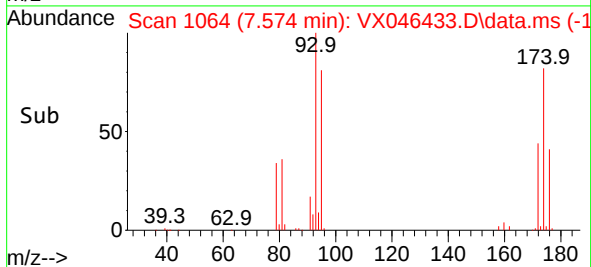
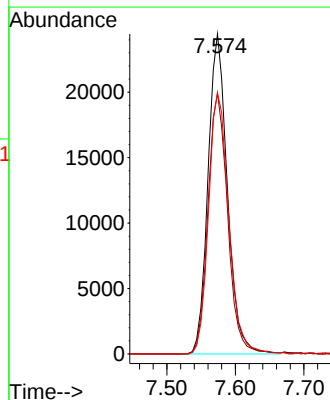
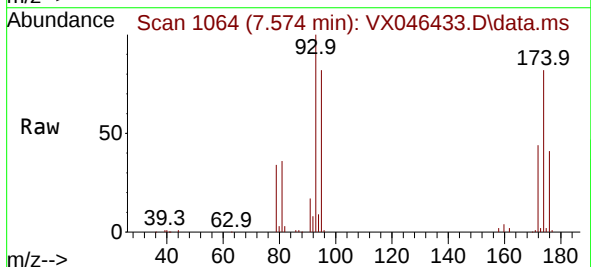
Tgt Ion: 93 Resp: 47985

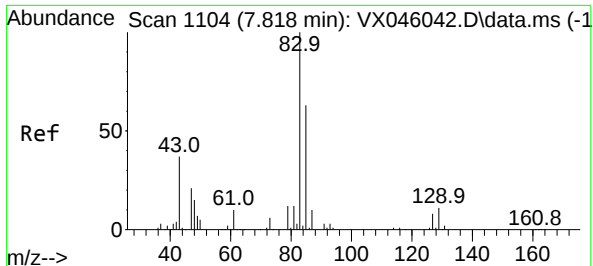
Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

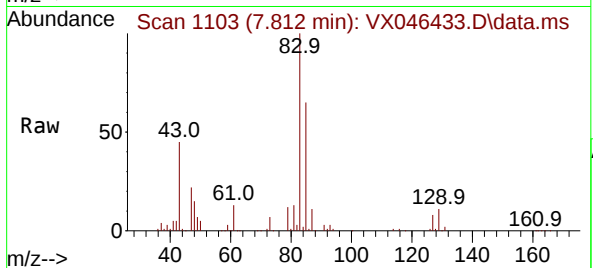
174 85.4 68.2 102.2





#47
Bromodichloromethane
Concen: 59.218 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

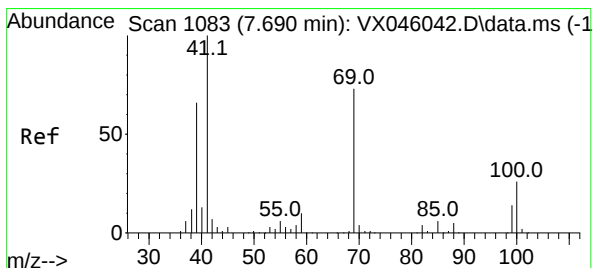
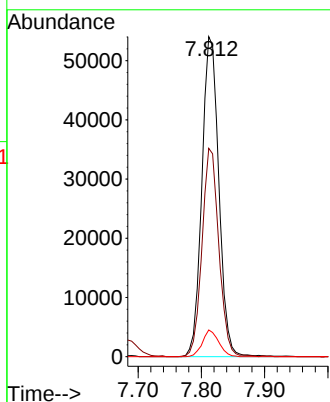
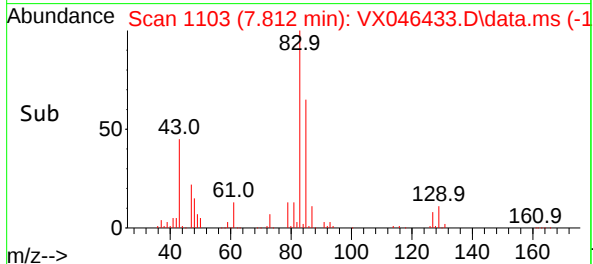
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10080
Ion Ratio Lower Upper
83 100
85 65.1 50.5 75.7
127 8.3 6.5 9.7

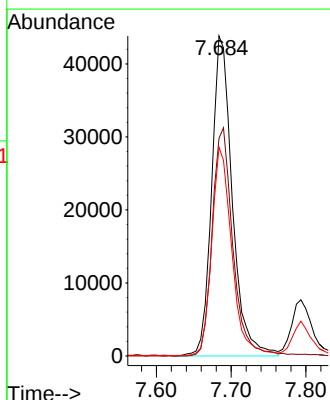
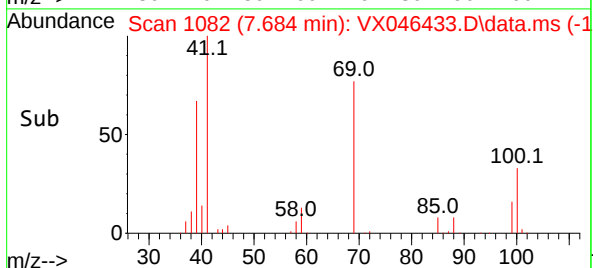
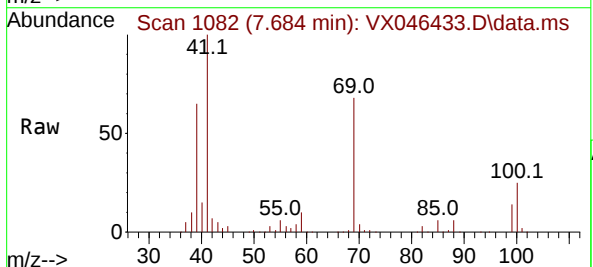
Manual Integrations
APPROVED

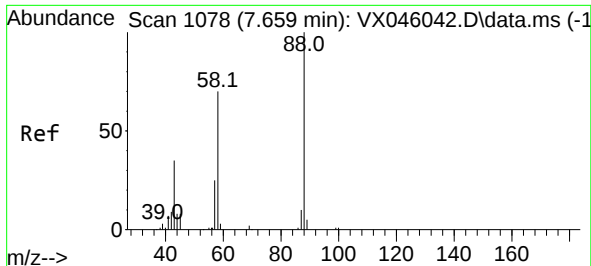
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#48
Methyl methacrylate
Concen: 58.147 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion: 41 Resp: 84209
Ion Ratio Lower Upper
41 100
69 72.0 58.5 87.7
39 63.4 51.7 77.5





#49

1,4-Dioxane

Concen: 1003.685 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX046433.D

Acq: 02 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

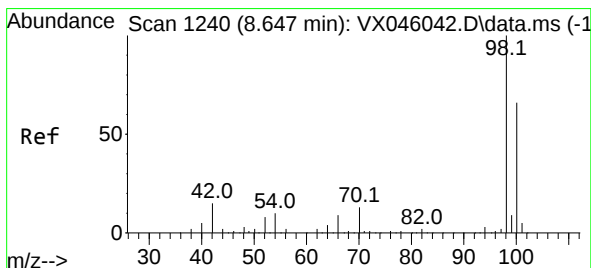
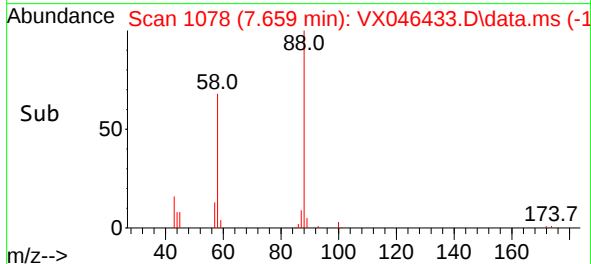
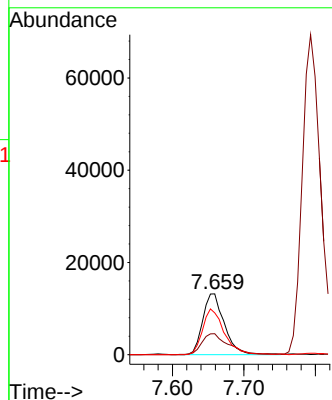
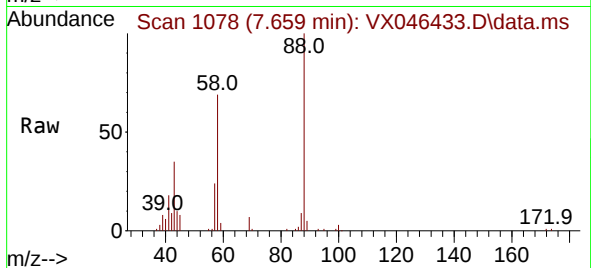
Tgt Ion:	88	Resp:	2759
Ion	Ratio	Lower	Upper
88	100		
43	43.0	33.4	50.2
58	75.5	58.6	88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#50

Toluene-d8

Concen: 50.323 ug/l

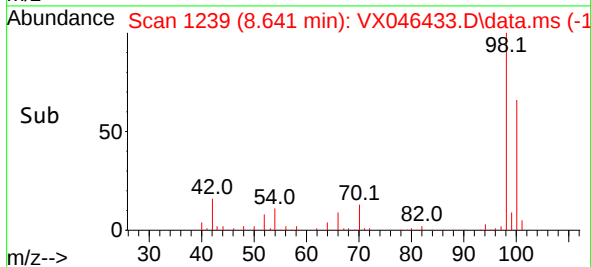
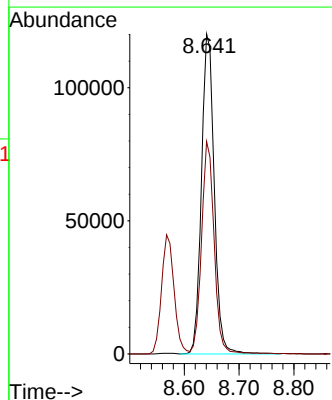
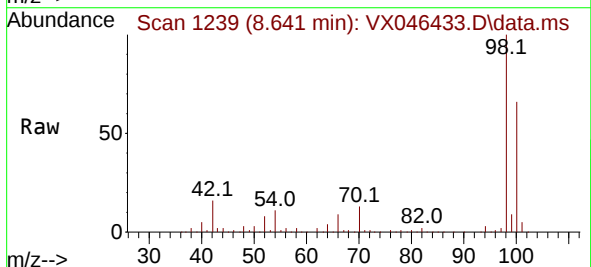
RT: 8.641 min Scan# 1239

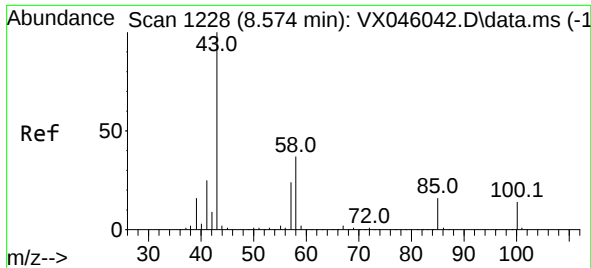
Delta R.T. -0.006 min

Lab File: VX046433.D

Acq: 02 Jun 2025 10:21

Tgt Ion:	98	Resp:	195030
Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.5	80.3





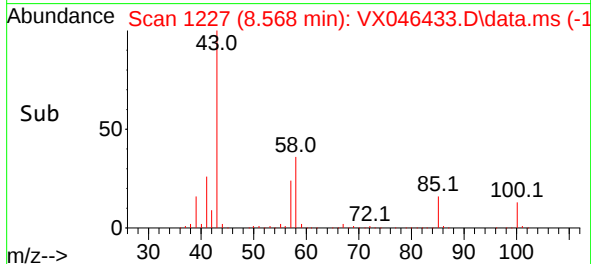
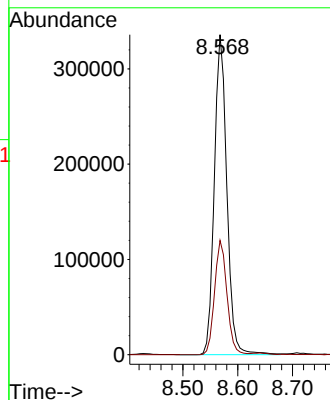
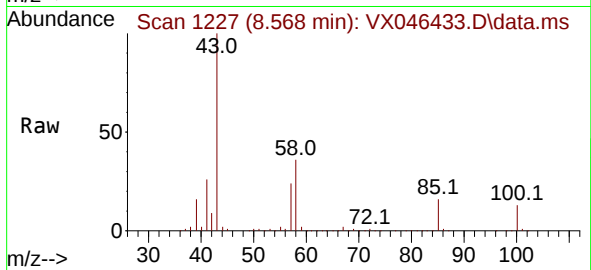
#51
4-Methyl-2-Pentanone
Concen: 281.670 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 530180
Ion Ratio Lower Upper
43 100
58 35.5 28.9 43.3

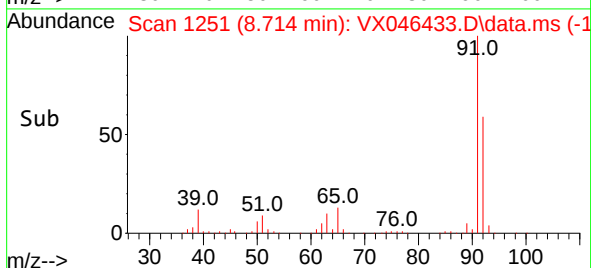
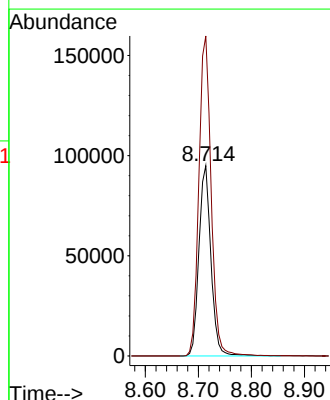
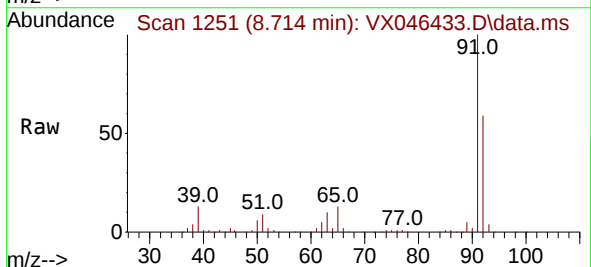
Manual Integrations
APPROVED

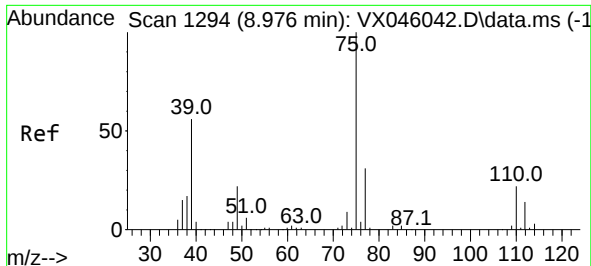
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#52
Toluene
Concen: 55.148 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion: 92 Resp: 149019
Ion Ratio Lower Upper
92 100
91 172.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 60.714 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX046433.D

Acq: 02 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 91860

Ion Ratio Lower Upper

75 100

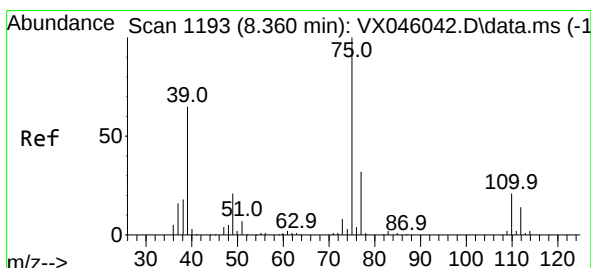
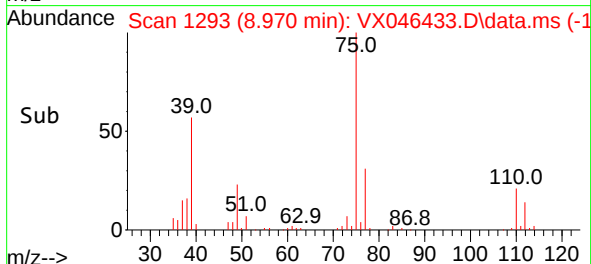
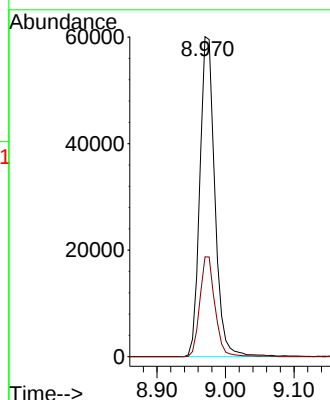
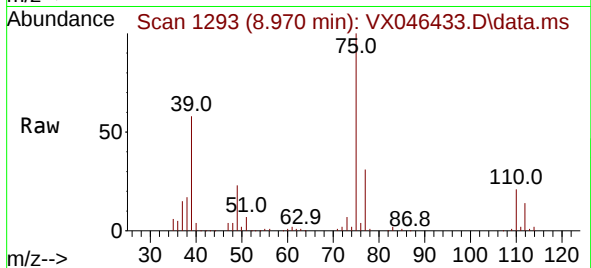
77 31.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#54

cis-1,3-Dichloropropene

Concen: 60.100 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046433.D

Acq: 02 Jun 2025 10:21

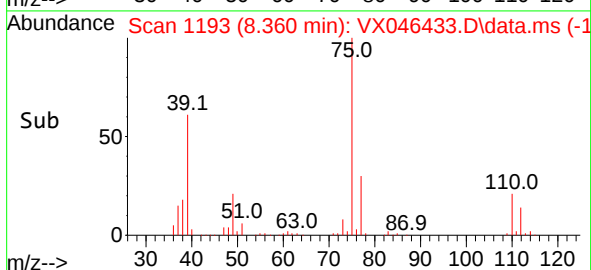
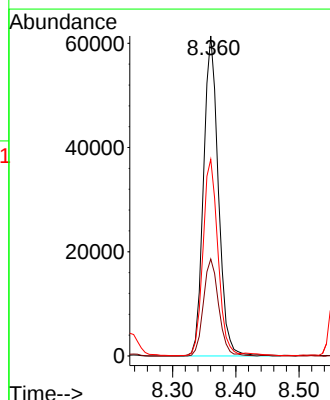
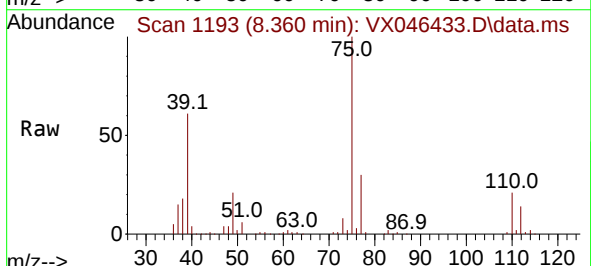
Tgt Ion: 75 Resp: 100502

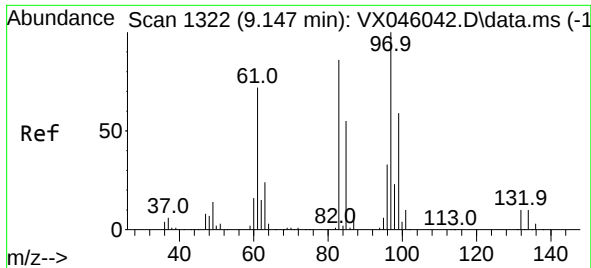
Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.0

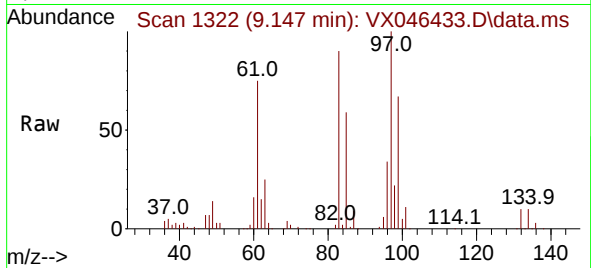
39 61.3 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 55.708 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

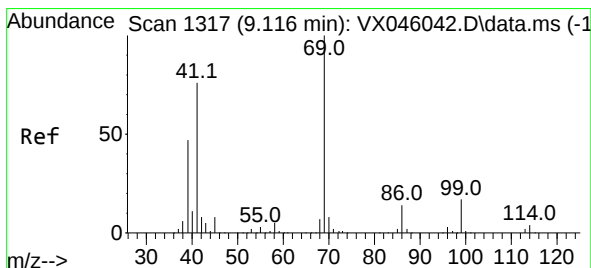
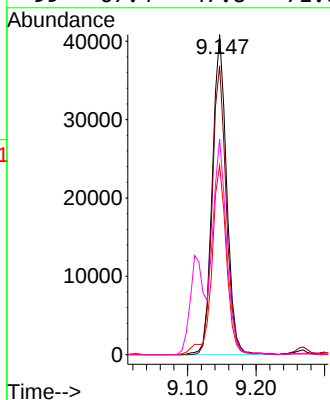
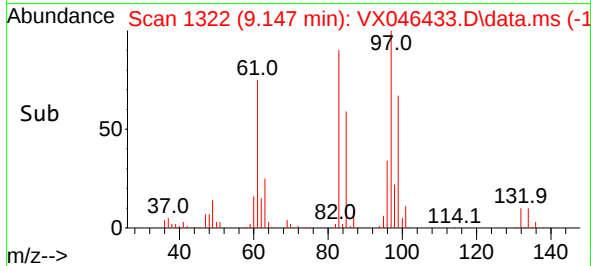
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



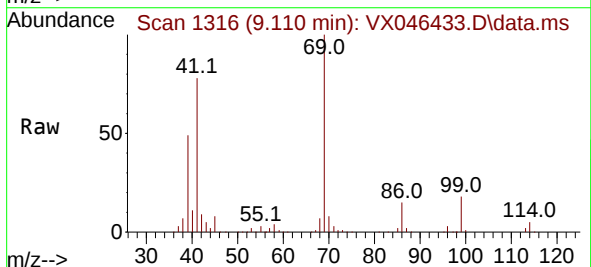
Tgt Ion: 97 Resp: 59350
Ion Ratio Lower Upper
97 100
83 90.3 69.0 103.6
85 59.1 44.3 66.5
99 67.4 47.8 71.6

Manual Integrations
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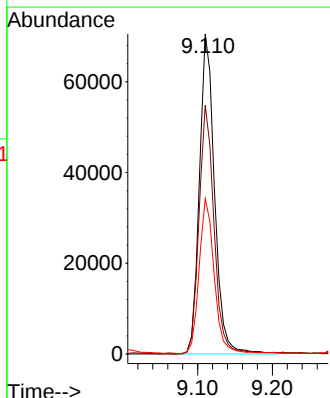
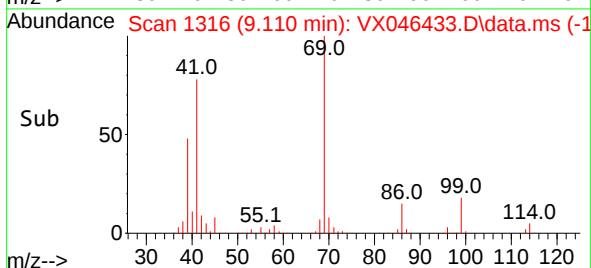
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

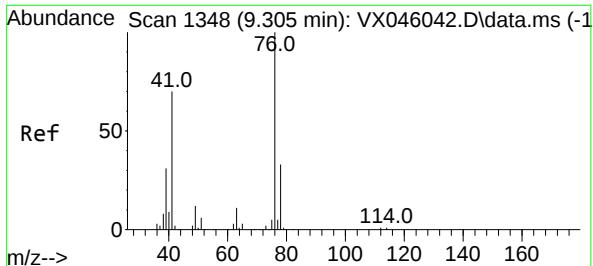


#56
Ethyl methacrylate
Concen: 58.533 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21



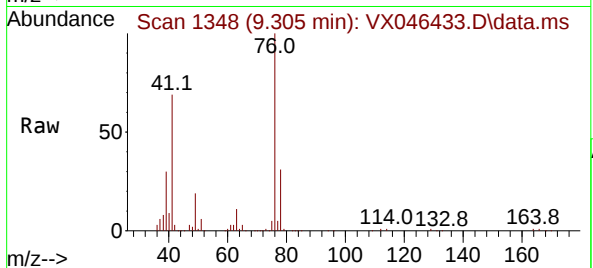
Tgt Ion: 69 Resp: 99397
Ion Ratio Lower Upper
69 100
41 77.9 60.8 91.2
39 47.9 39.0 58.6





#57
1,3-Dichloropropane
Concen: 55.696 ug/l
RT: 9.305 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

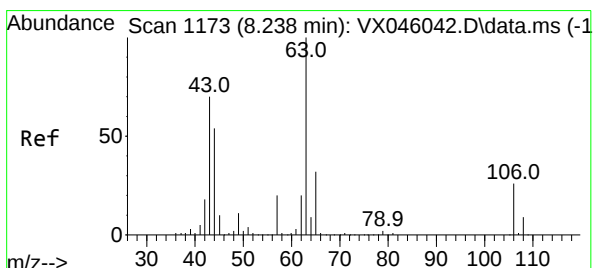
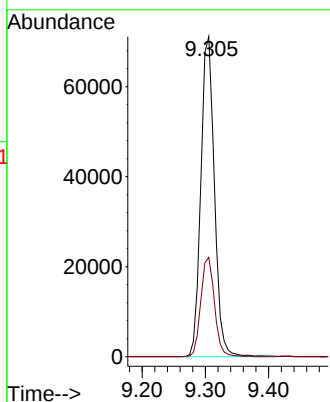
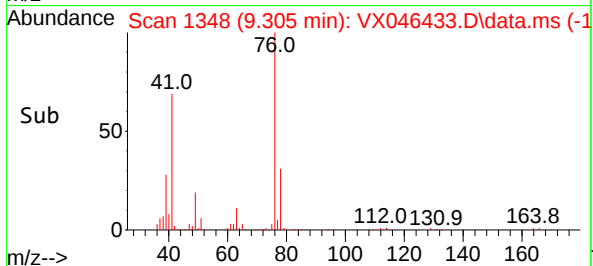
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



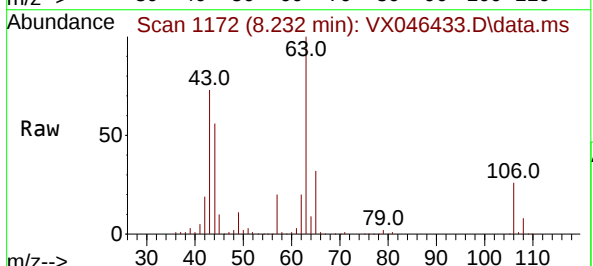
Tgt Ion: 76 Resp: 106579
Ion Ratio Lower Upper
76 100
78 31.3 26.3 39.5

Manual Integrations
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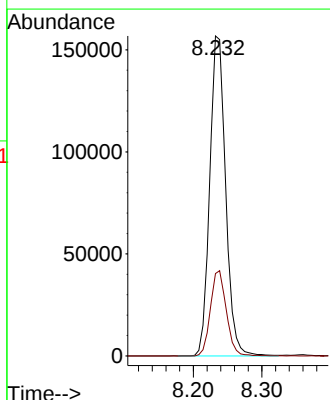
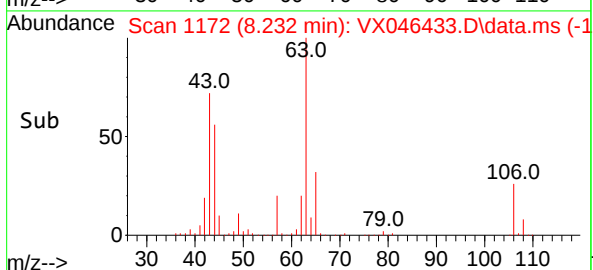
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

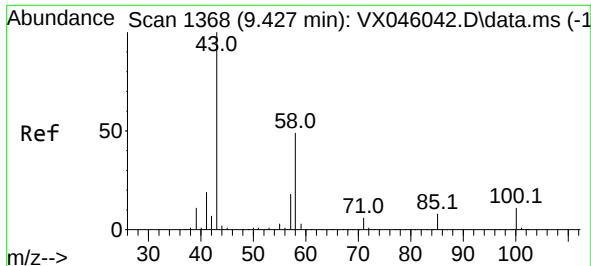


#58
2-Chloroethyl Vinyl ether
Concen: 291.982 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21



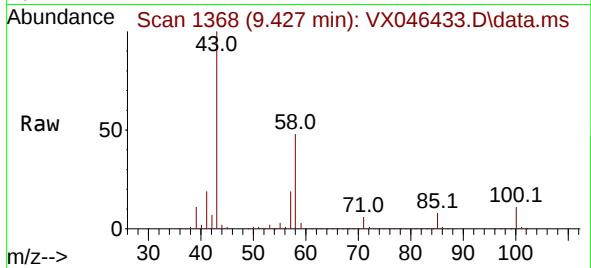
Tgt Ion: 63 Resp: 252779
Ion Ratio Lower Upper
63 100
106 26.6 21.5 32.3





#59
2-Hexanone
Concen: 284.399 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

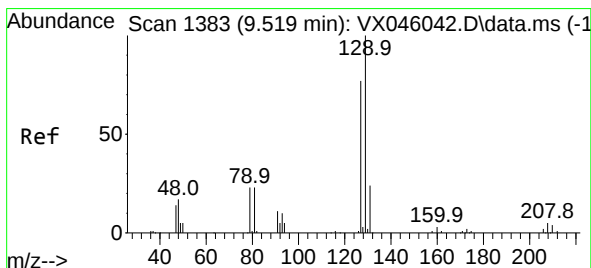
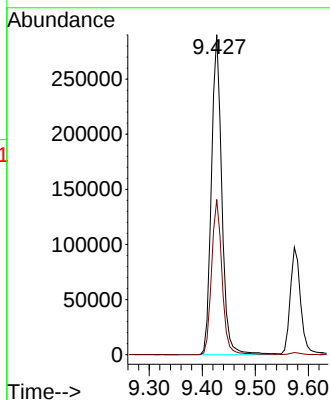
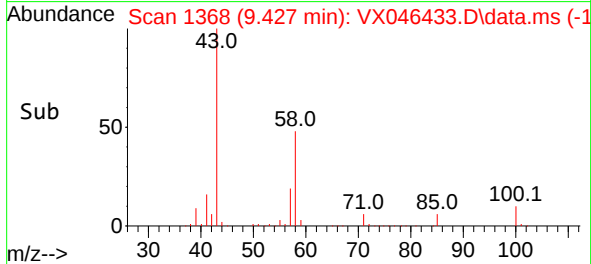
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 396050
Ion Ratio Lower Upper
43 100
58 48.8 24.9 74.6

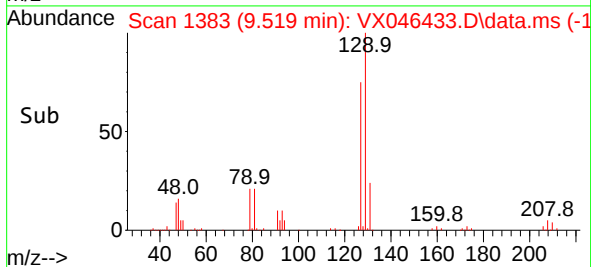
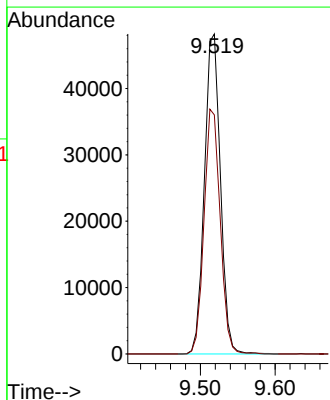
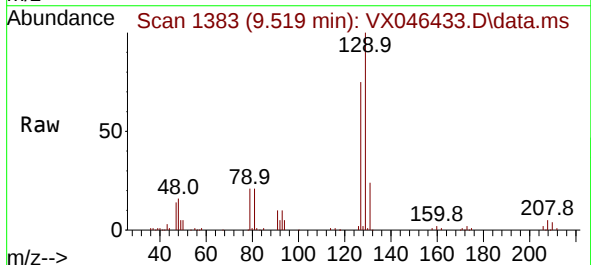
Manual Integrations
APPROVED

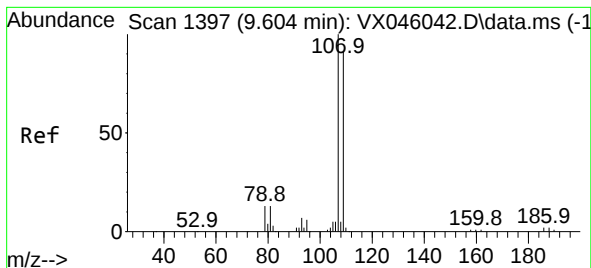
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#60
Dibromochloromethane
Concen: 61.182 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion:129 Resp: 71591
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8





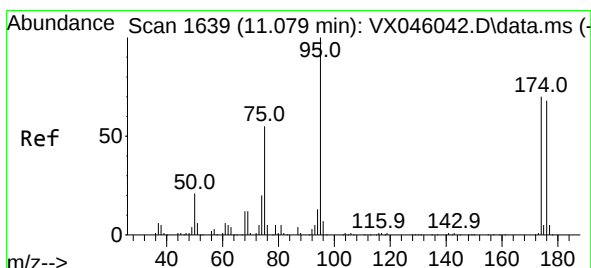
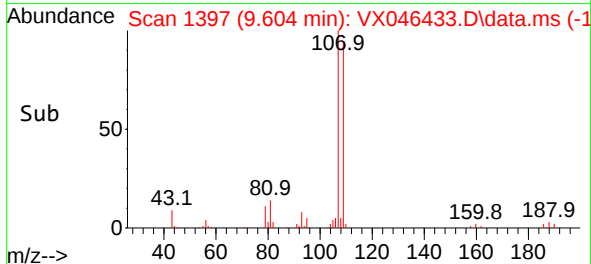
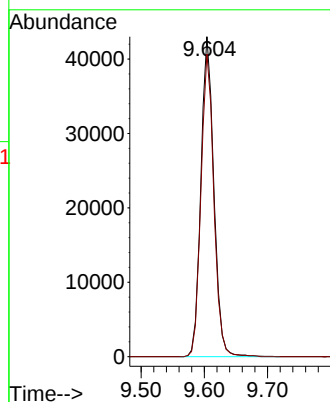
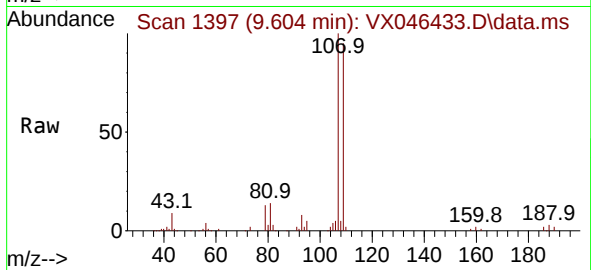
#61
1,2-Dibromoethane
Concen: 55.494 ug/l
RT: 9.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 61454
Ion Ratio Lower Upper
107 100
109 94.1 73.3 109.9

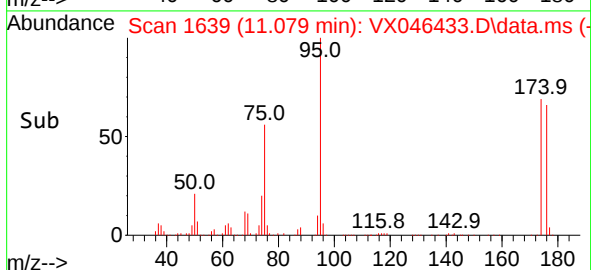
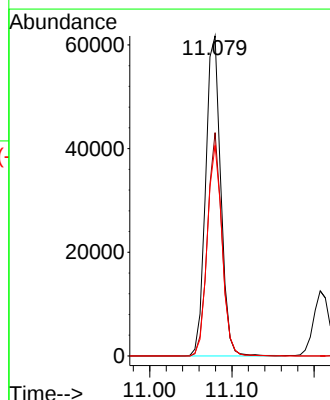
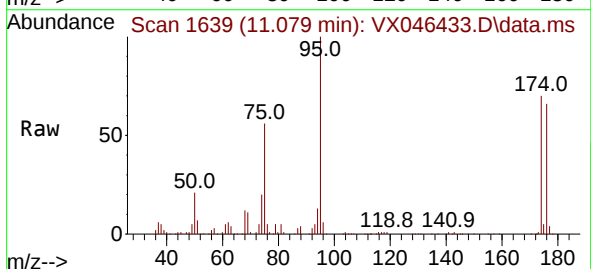
Manual Integrations
APPROVED

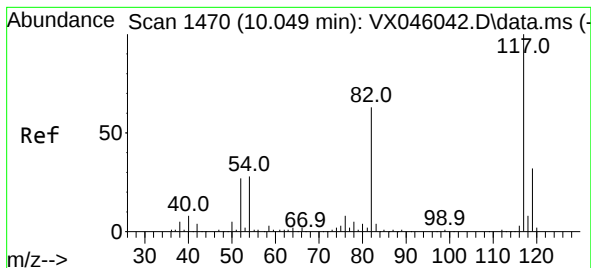
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#62
4-Bromofluorobenzene
Concen: 52.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

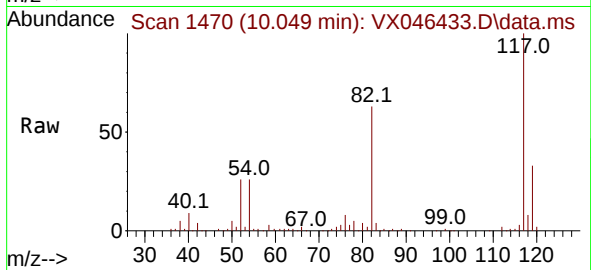
Tgt Ion: 95 Resp: 78787
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 64.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

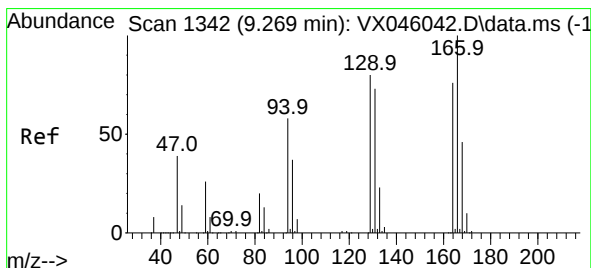
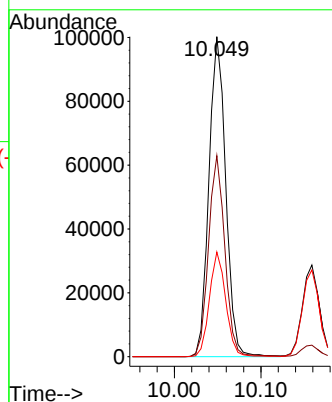
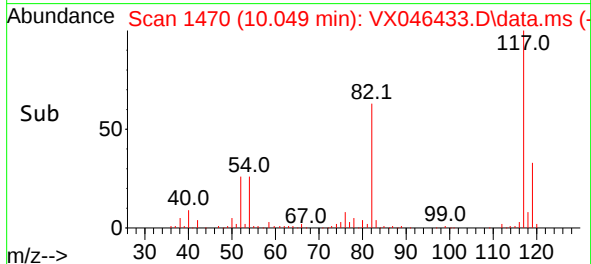
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 135000
Ion Ratio Lower Upper
117 100
82 62.8 50.6 76.0
119 32.7 25.8 38.6

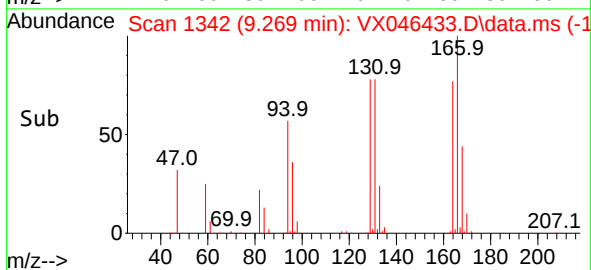
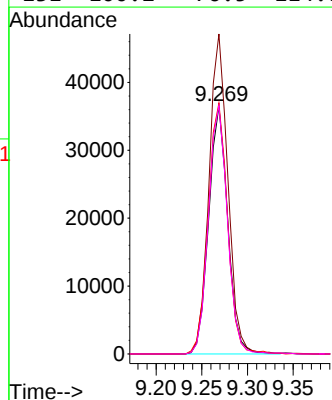
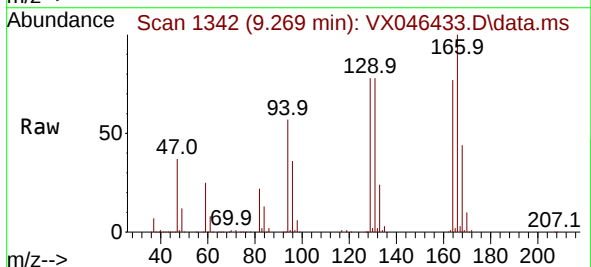
Manual Integrations
APPROVED

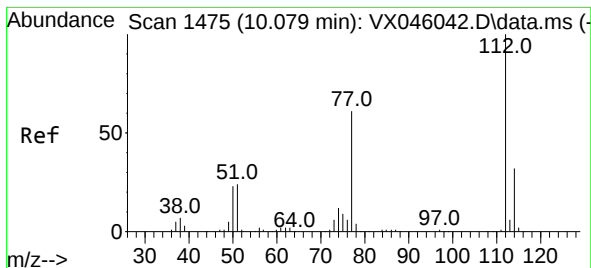
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#64
Tetrachloroethene
Concen: 55.041 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Tgt Ion:164 Resp: 52575
Ion Ratio Lower Upper
164 100
166 129.3 105.0 157.6
129 101.3 83.5 125.3
131 100.2 76.5 114.7





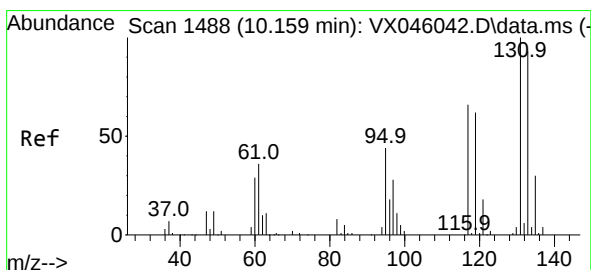
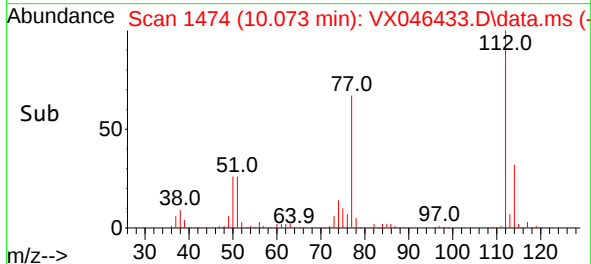
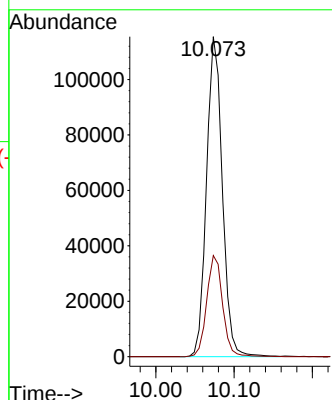
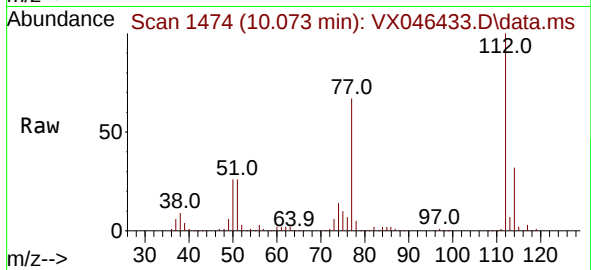
#65
Chlorobenzene
Concen: 54.675 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 16155
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

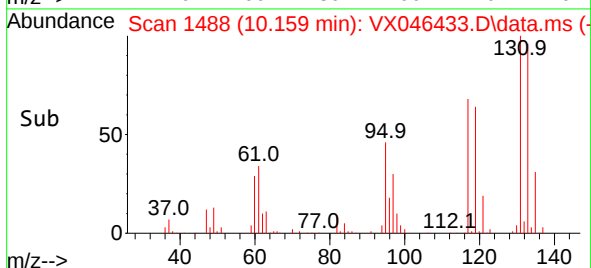
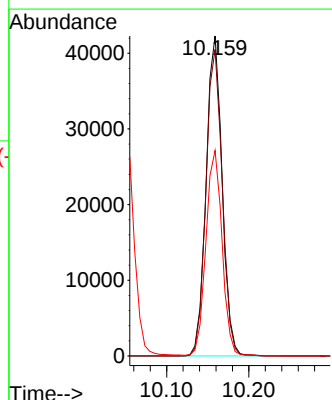
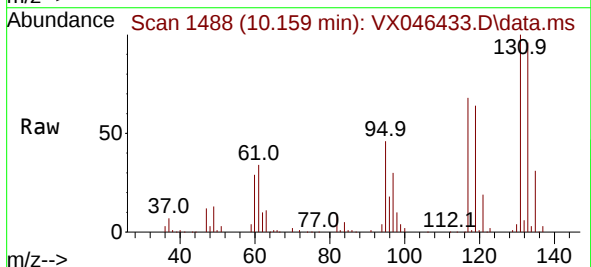
Manual Integrations
APPROVED

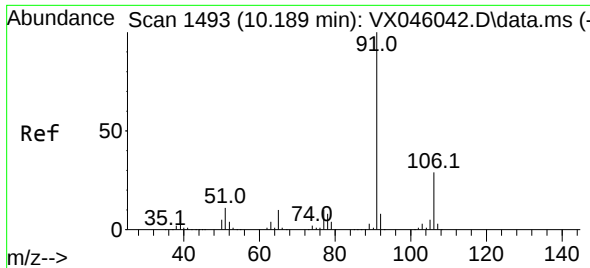
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.732 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

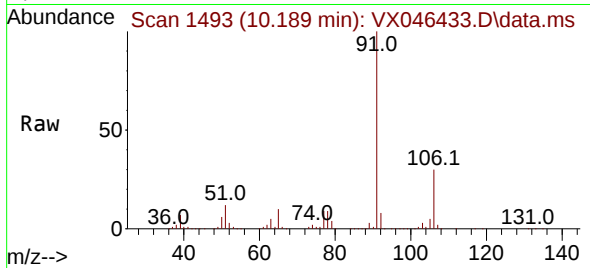
Tgt Ion:131 Resp: 57243
Ion Ratio Lower Upper
131 100
133 97.1 47.3 141.9
119 64.9 31.6 95.0





#67
Ethyl Benzene
Concen: 56.753 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

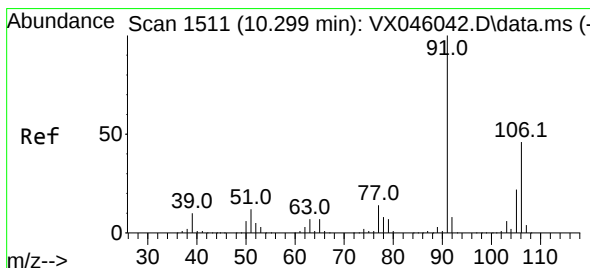
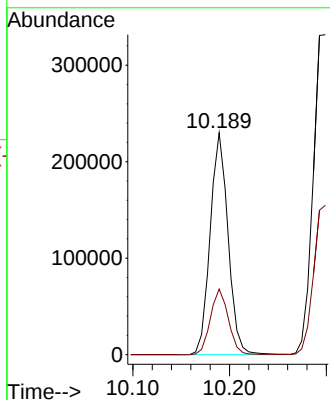
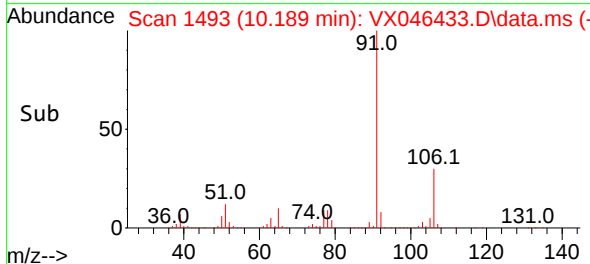
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



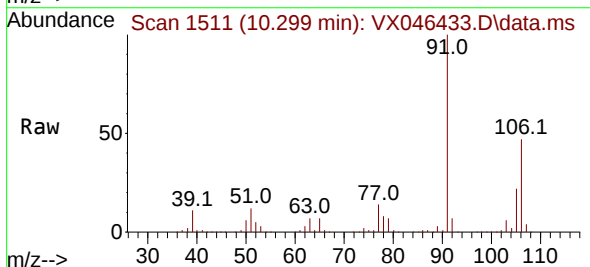
Tgt Ion: 91 Resp: 295609
Ion Ratio Lower Upper
91 100
106 29.6 23.4 35.2

Manual Integrations
APPROVED

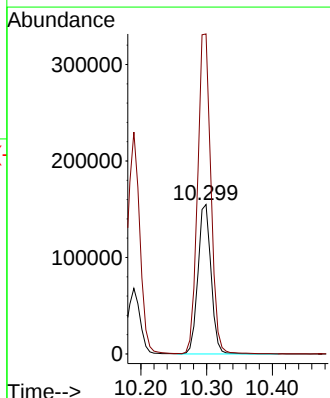
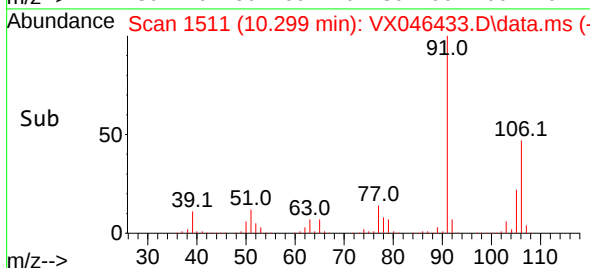
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

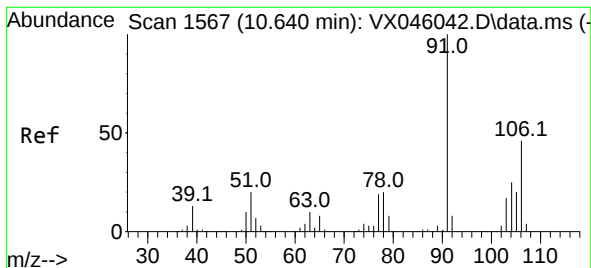


#68
m/p-Xylenes
Concen: 112.298 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21



Tgt Ion:106 Resp: 213932
Ion Ratio Lower Upper
106 100
91 217.0 171.2 256.8





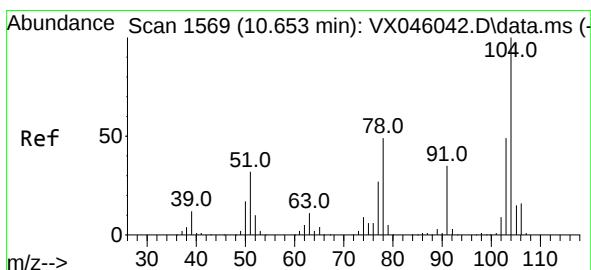
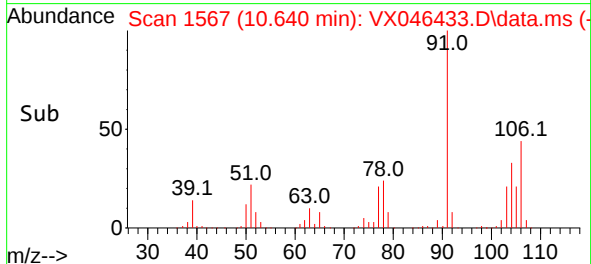
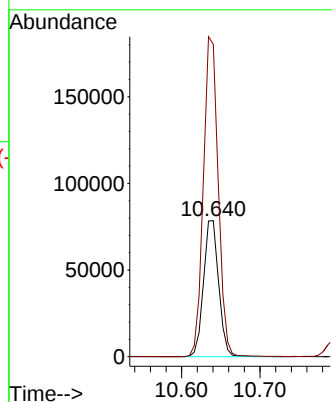
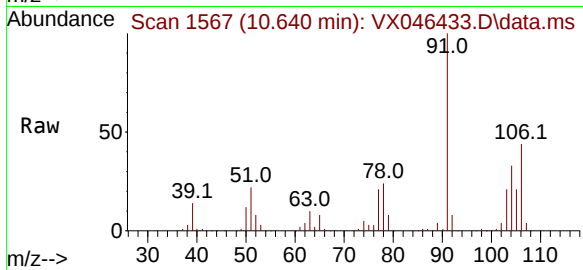
#69
o-Xylene
Concen: 56.660 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10523
Ion Ratio Lower Upper
106 100
91 231.7 112.7 338.1

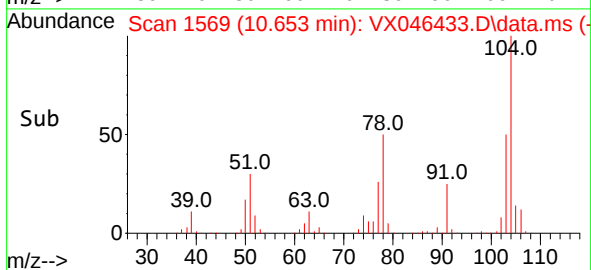
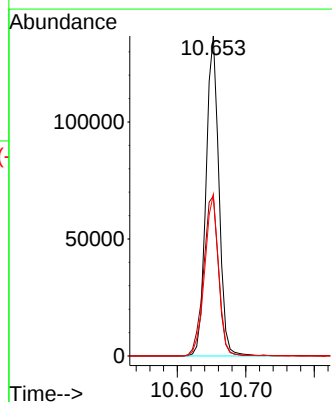
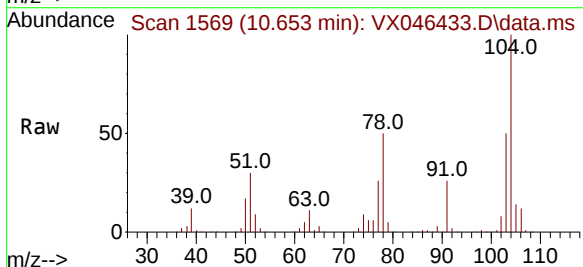
Manual Integrations
APPROVED

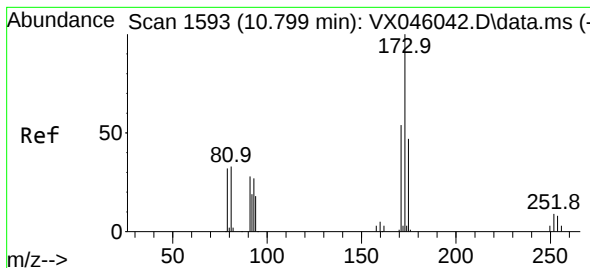
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#70
Styrene
Concen: 58.934 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

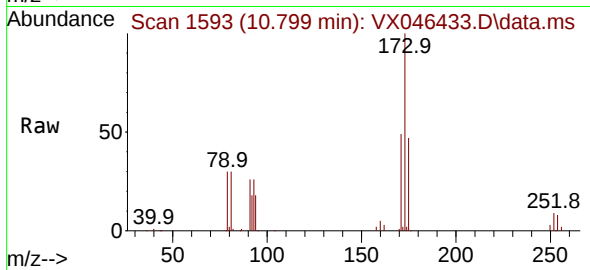
Tgt Ion:104 Resp: 179298
Ion Ratio Lower Upper
104 100
78 58.0 45.7 68.5
103 54.9 43.7 65.5





#71
Bromoform
Concen: 60.554 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

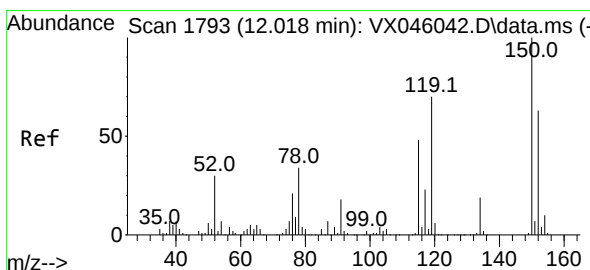
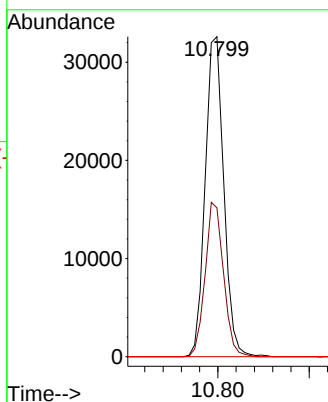
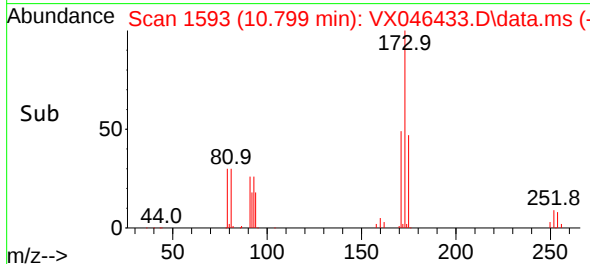
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



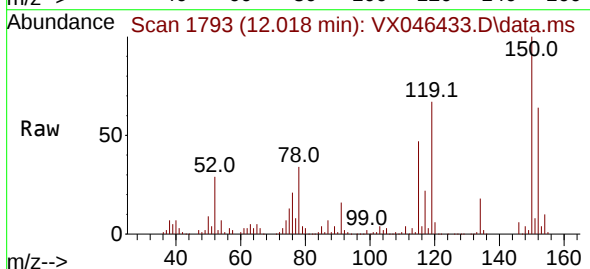
Tgt Ion:173 Resp: 45872
Ion Ratio Lower Upper
173 100
175 47.8 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

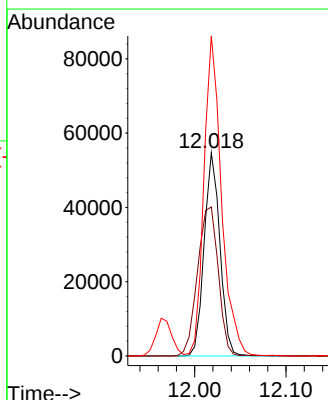
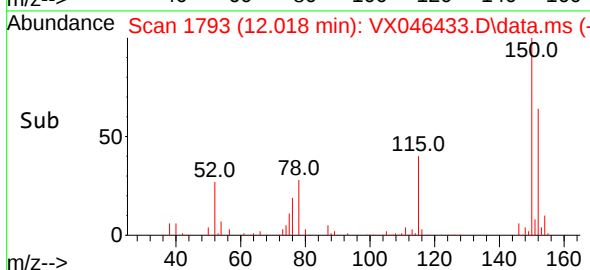
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21



Tgt Ion:152 Resp: 65264
Ion Ratio Lower Upper
152 100
115 97.2 46.9 140.7
150 176.1 0.0 351.0





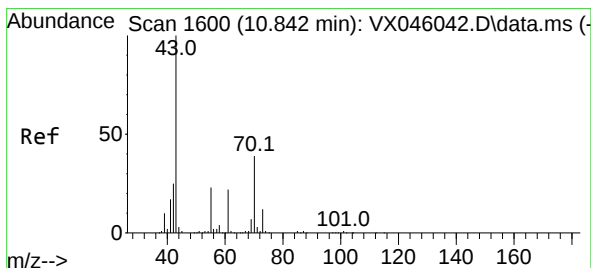
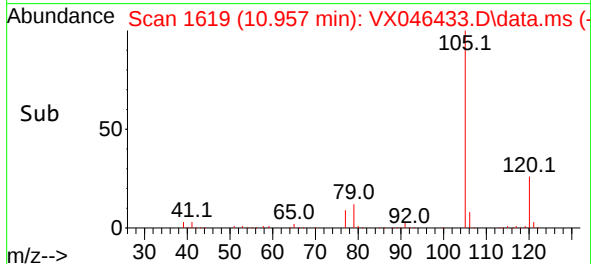
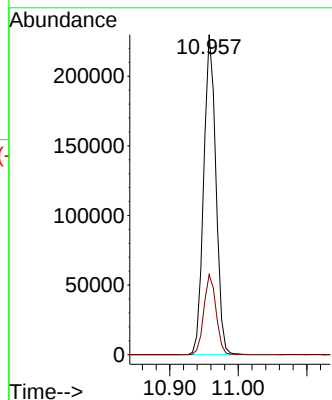
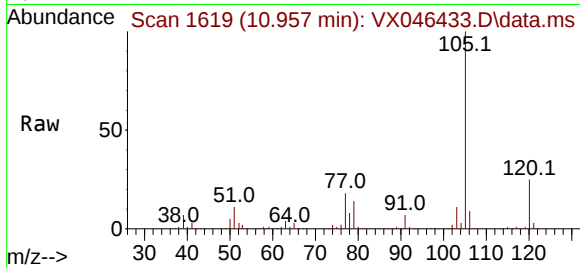
#73
Isopropylbenzene
Concen: 56.079 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 28493
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.4

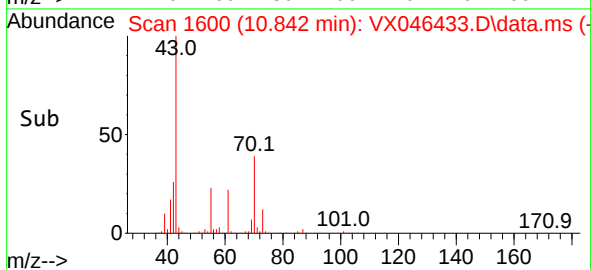
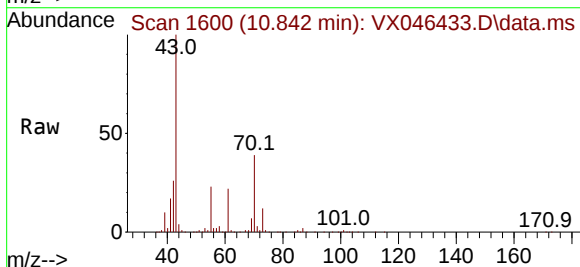
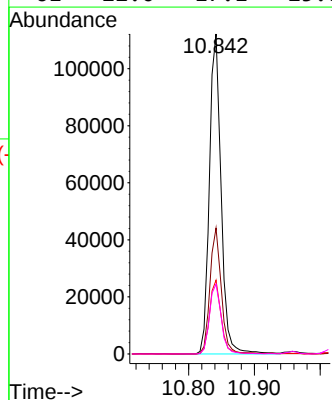
Manual Integrations
APPROVED

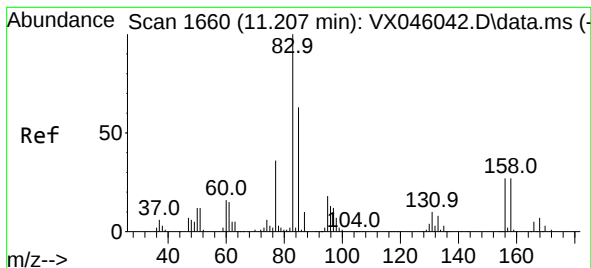
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#74
N-ethyl acetate
Concen: 55.361 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

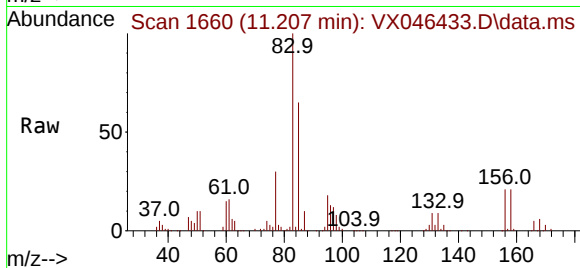
Tgt Ion: 43 Resp: 138998
Ion Ratio Lower Upper
43 100
70 38.4 30.9 46.3
55 23.0 18.7 28.1
61 22.0 17.1 25.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.953 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21

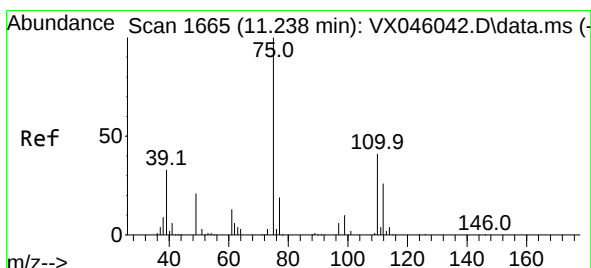
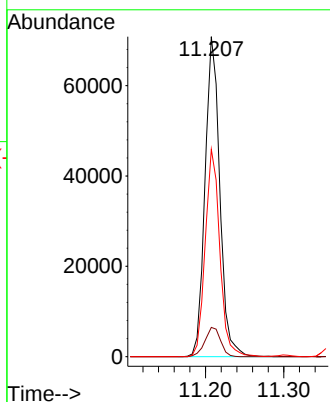
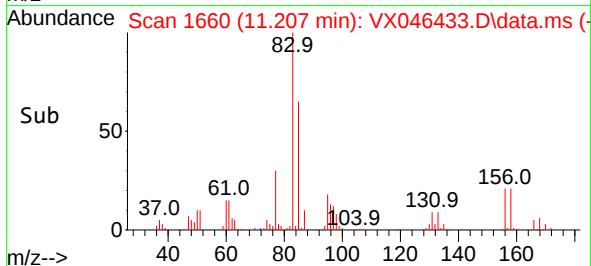
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 83 Resp: 92500
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 14.9
 85 64.1 31.9 95.7

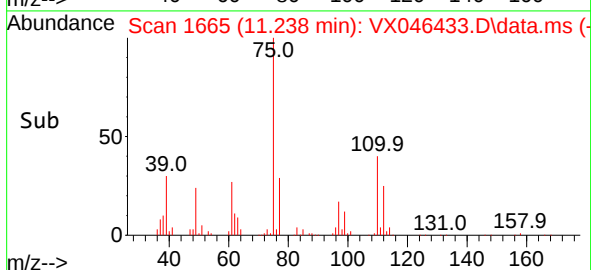
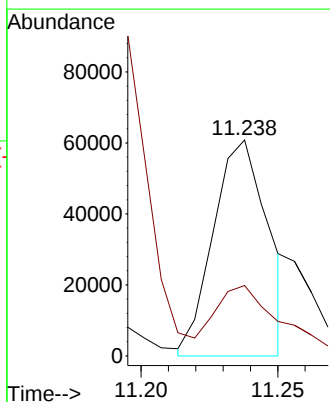
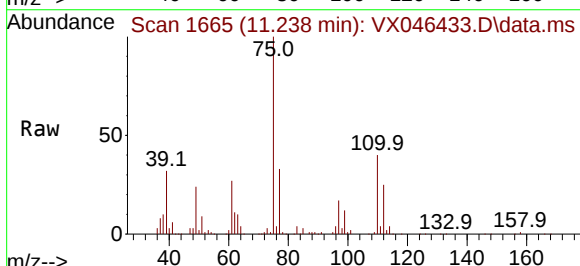
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#76
 1,2,3-Trichloropropane
 Concen: 53.676 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21

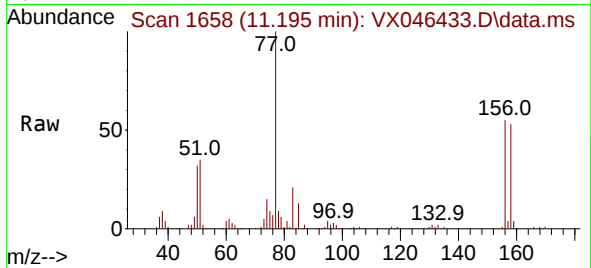
Tgt Ion: 75 Resp: 84321
 Ion Ratio Lower Upper
 75 100
 77 39.7 20.5 61.5





#77
Bromobenzene
Concen: 54.589 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

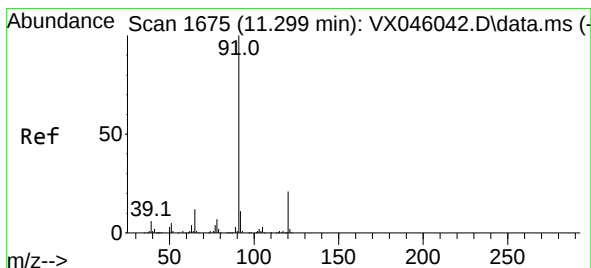
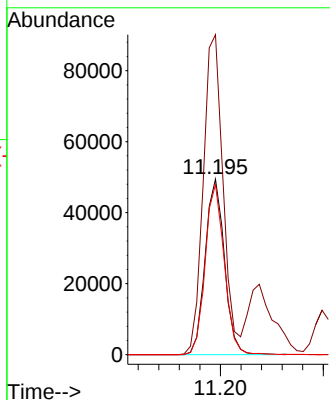
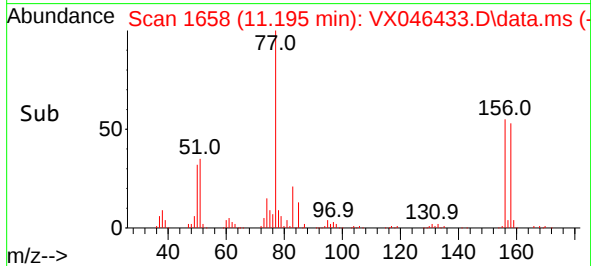
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



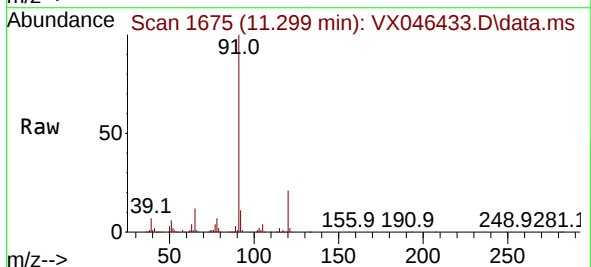
Tgt Ion:156 Resp: 64394
Ion Ratio Lower Upper
156 100
77 187.7 92.8 278.3
158 96.2 48.8 146.3

Manual Integrations
APPROVED

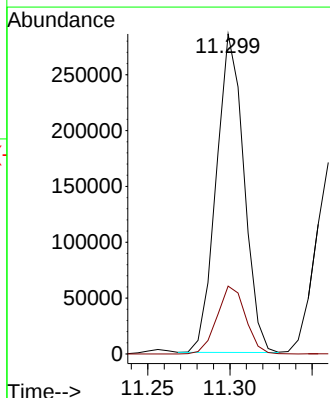
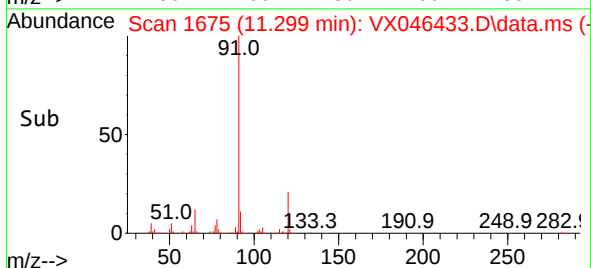
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#78
n-propylbenzene
Concen: 56.517 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21



Tgt Ion: 91 Resp: 333896
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4





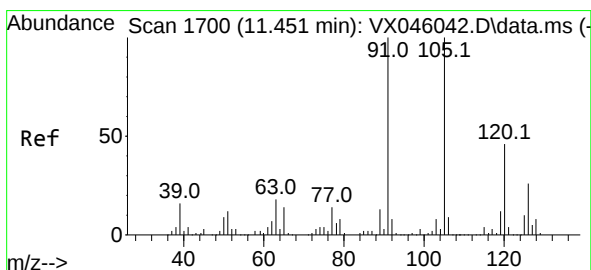
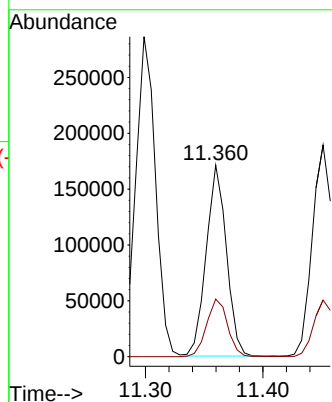
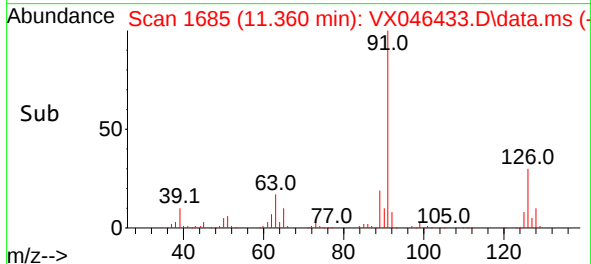
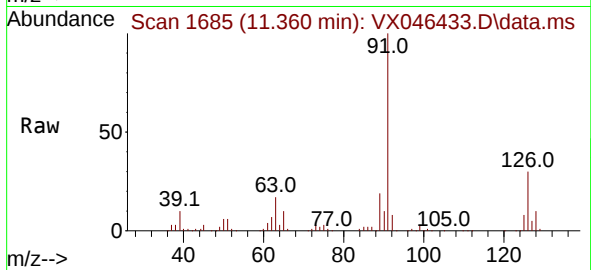
#79
2-Chlorotoluene
Concen: 53.726 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 204733
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.7

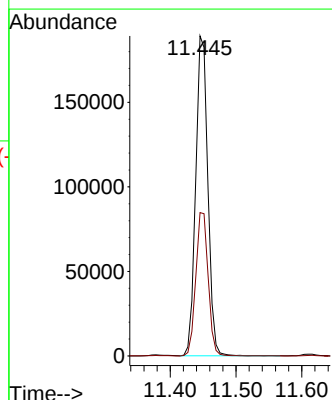
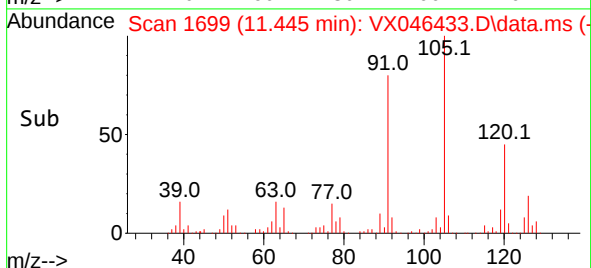
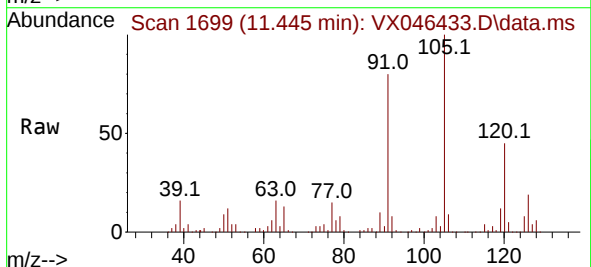
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.753 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

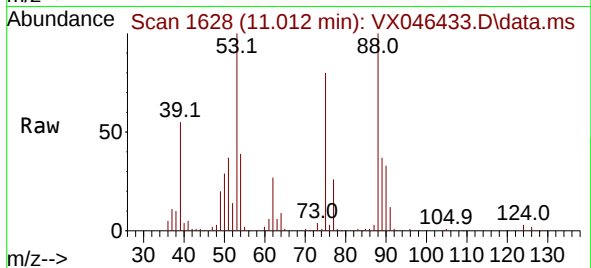
Tgt Ion:105 Resp: 240907
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 57.336 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

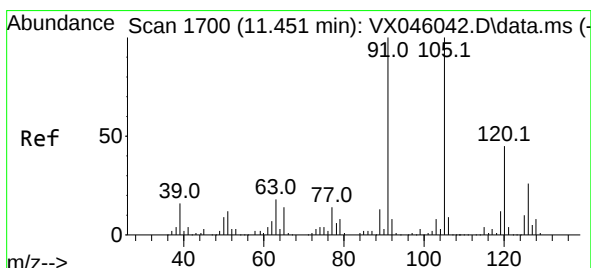
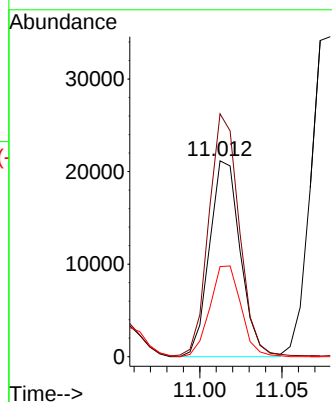
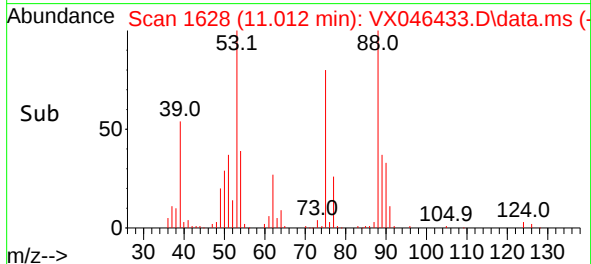
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 27660
Ion Ratio Lower Upper
75 100
53 121.0 100.5 150.7
89 46.5 37.0 55.6

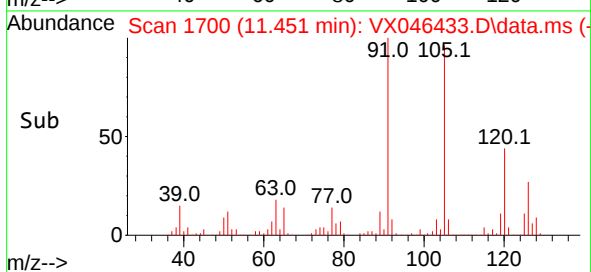
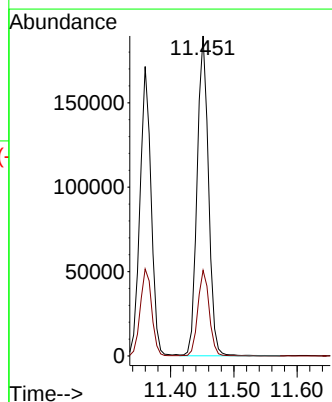
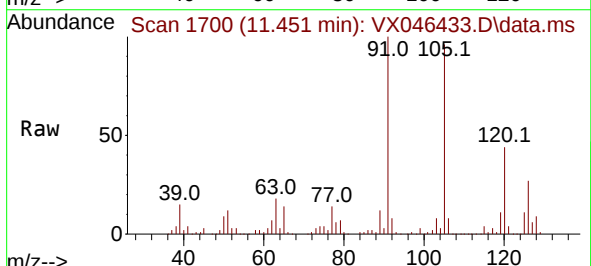
Manual Integrations
APPROVED

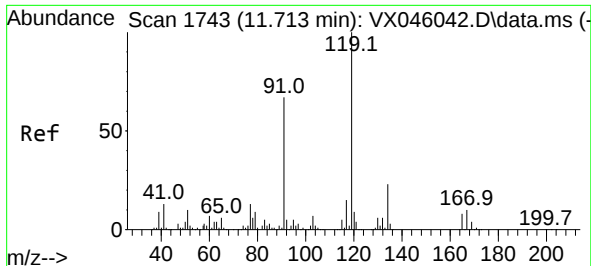
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#82
4-Chlorotoluene
Concen: 56.121 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

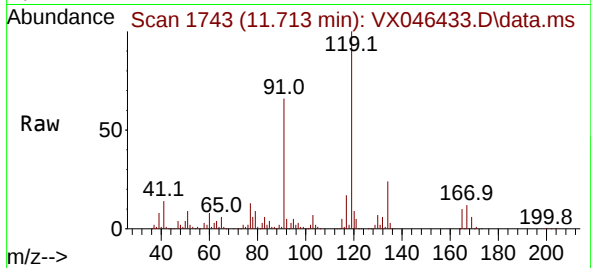
Tgt Ion: 91 Resp: 237157
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.8





#83
tert-Butylbenzene
Concen: 55.481 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

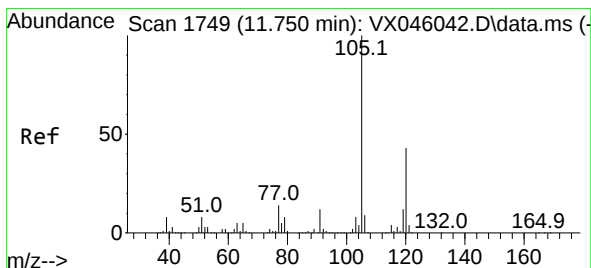
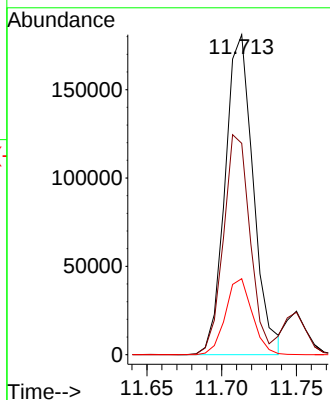
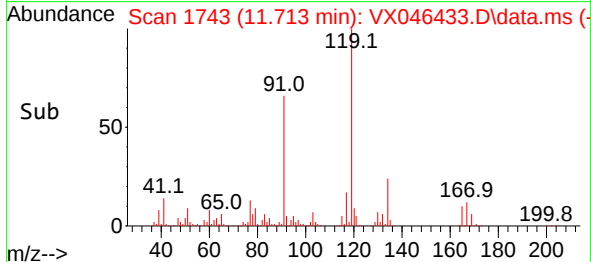
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



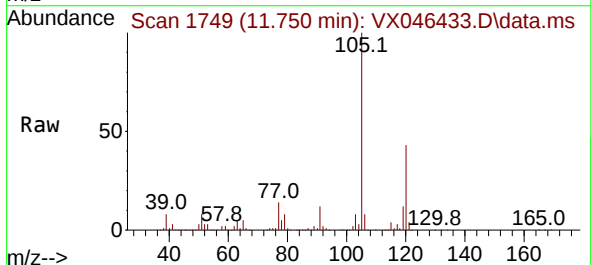
Tgt Ion:119 Resp: 23722
Ion Ratio Lower Upper
119 100
91 65.0 32.9 98.7
134 22.6 11.4 34.1

Manual Integrations
APPROVED

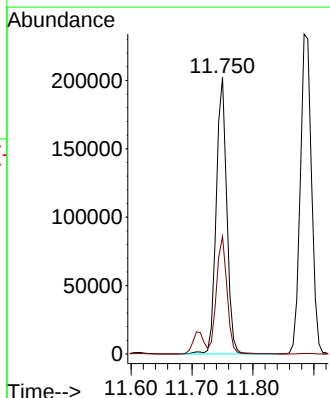
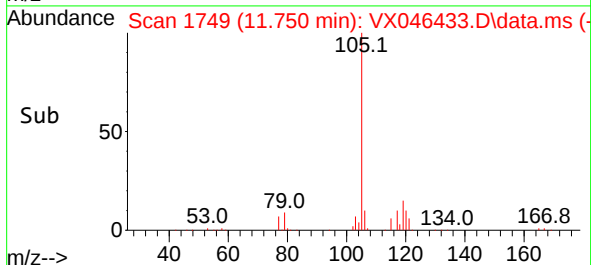
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

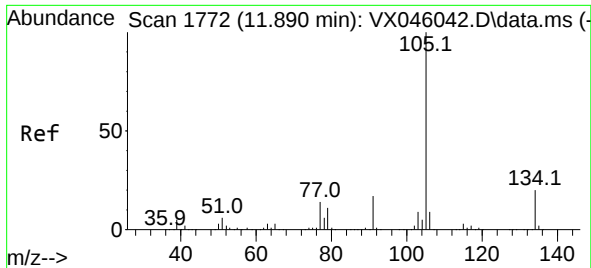


#84
1,2,4-Trimethylbenzene
Concen: 56.464 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21



Tgt Ion:105 Resp: 242720
Ion Ratio Lower Upper
105 100
120 42.6 21.2 63.6





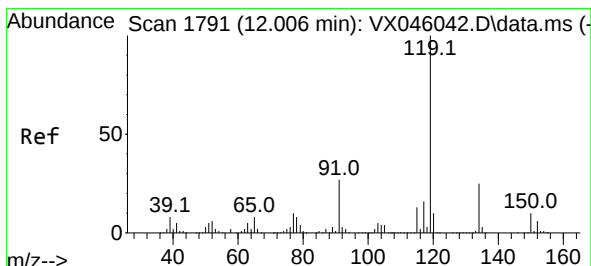
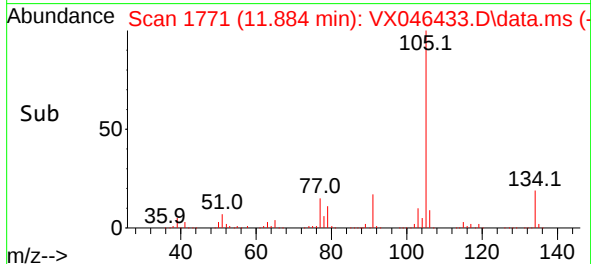
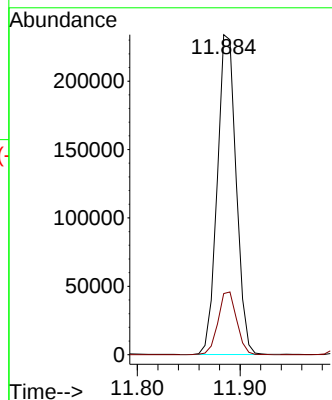
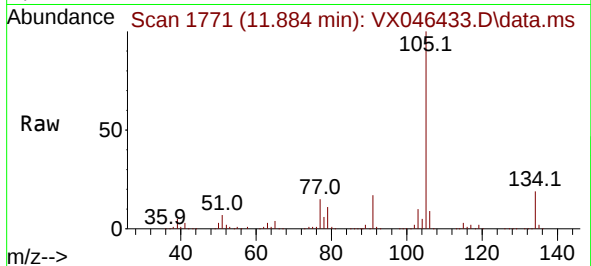
#85
 sec-Butylbenzene
 Concen: 56.795 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 298169
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

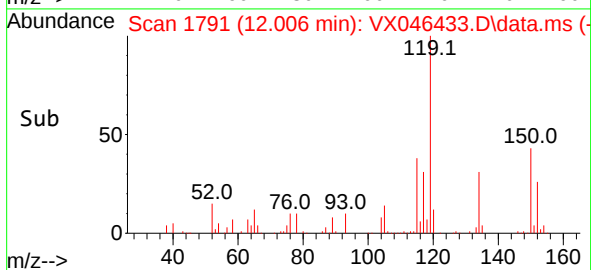
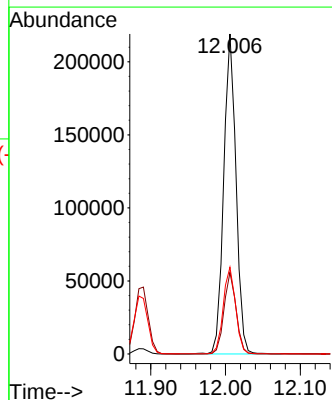
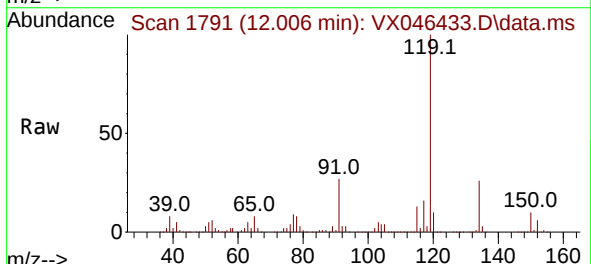
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#86
 p-Isopropyltoluene
 Concen: 57.915 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21

Tgt Ion:119 Resp: 250970
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 27.2 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 55.275 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046433.D

Acq: 02 Jun 2025 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 118998

Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.3

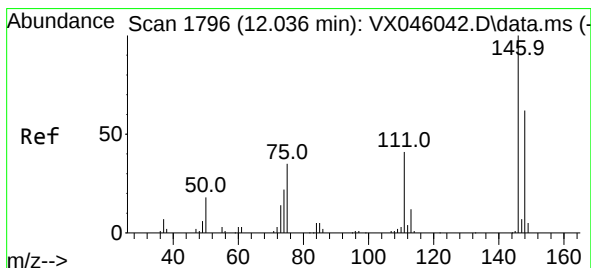
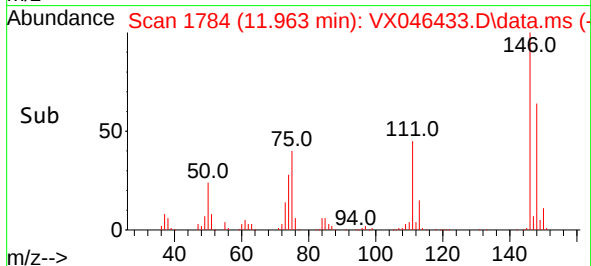
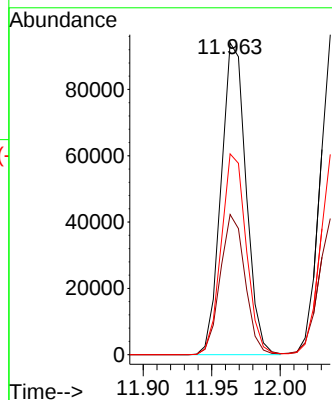
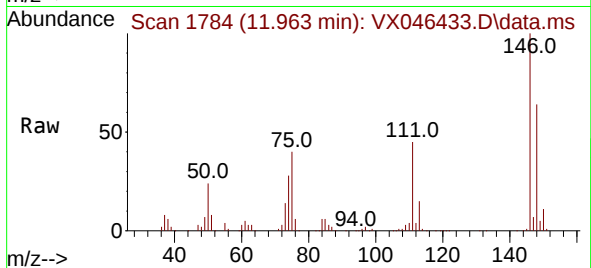
148 64.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#88

1,4-Dichlorobenzene

Concen: 54.241 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046433.D

Acq: 02 Jun 2025 10:21

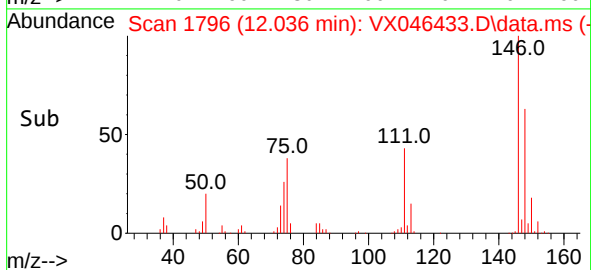
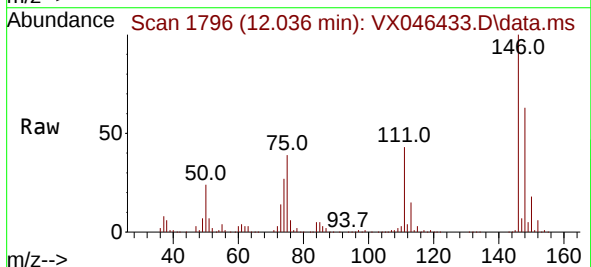
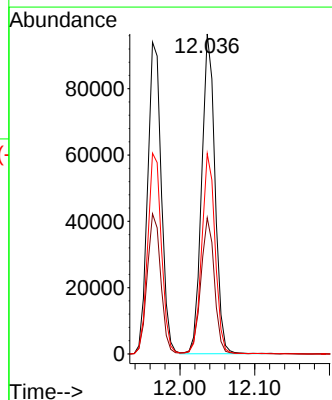
Tgt Ion:146 Resp: 119255

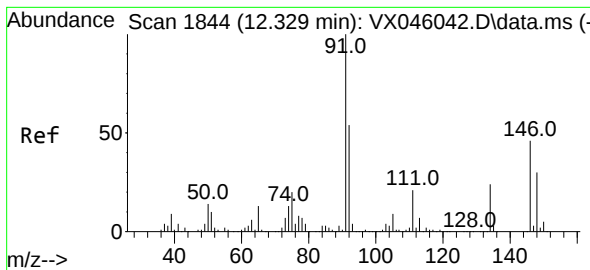
Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

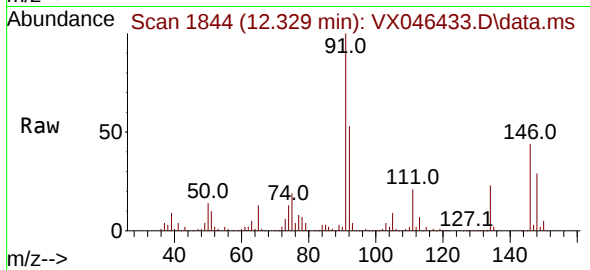
148 62.3 31.9 95.5





#89
n-Butylbenzene
Concen: 59.982 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

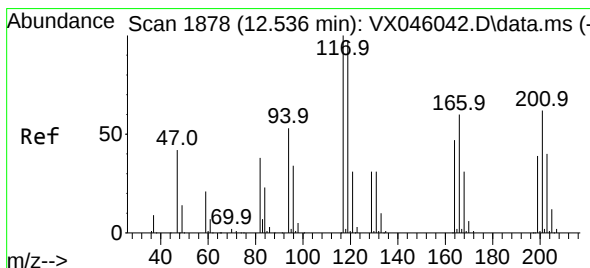
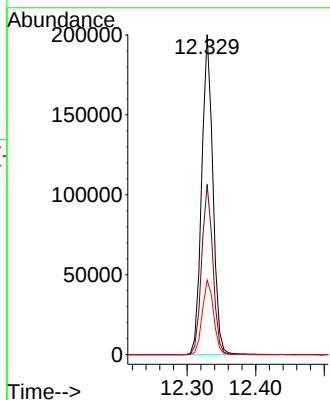
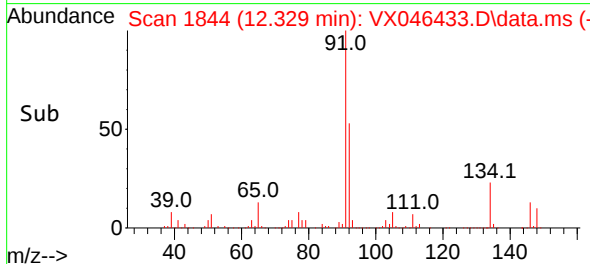
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 227998
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 23.7 11.8 35.3

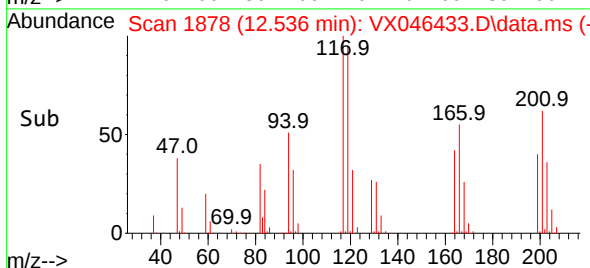
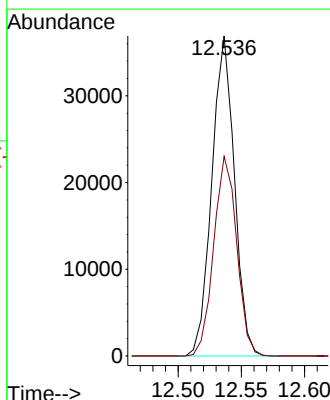
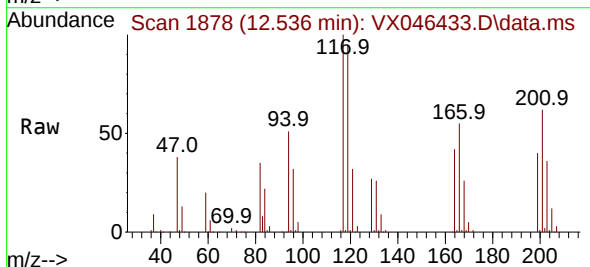
Manual Integrations
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Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#90
Hexachloroethane
Concen: 59.897 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

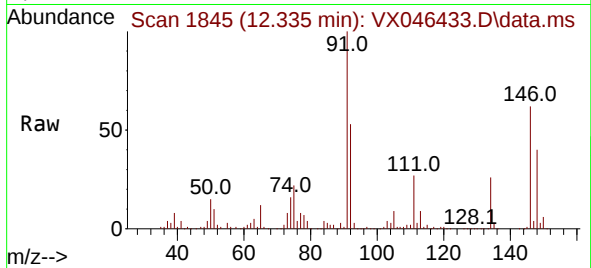
Tgt Ion:117 Resp: 45728
Ion Ratio Lower Upper
117 100
201 63.6 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 54.927 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

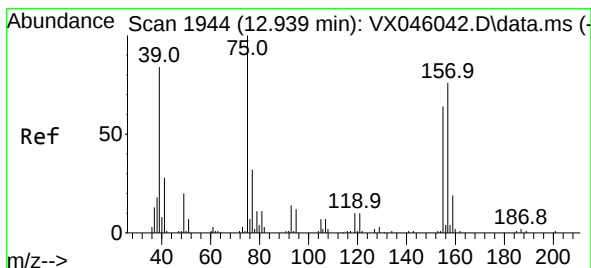
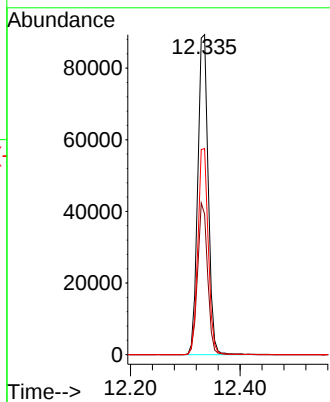
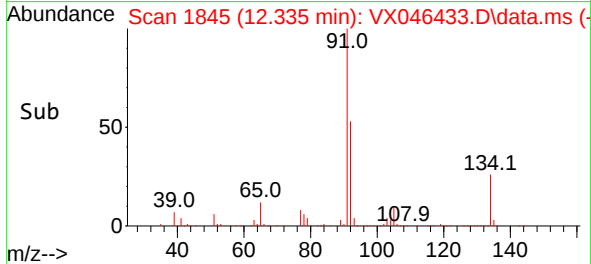
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



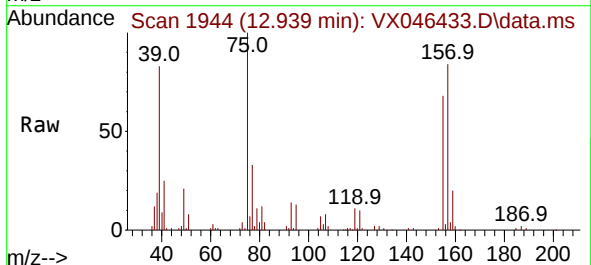
Tgt Ion:146 Resp: 11866
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.3
148 64.0 31.6 94.8

Manual Integrations
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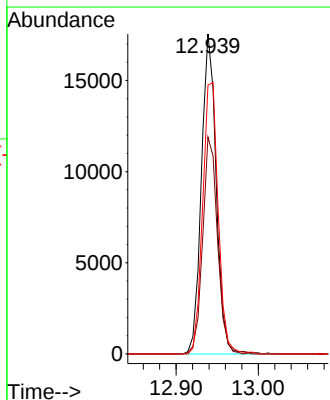
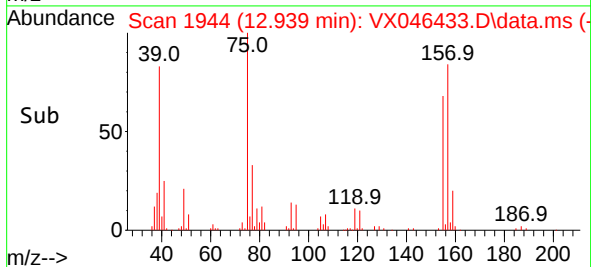
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.720 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21



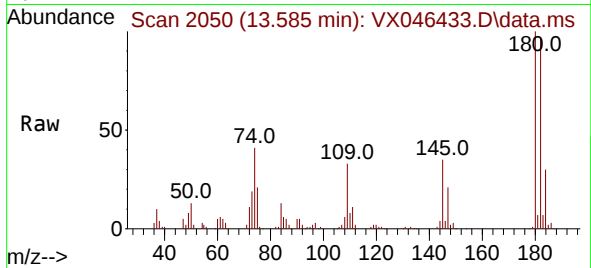
Tgt Ion: 75 Resp: 21979
Ion Ratio Lower Upper
75 100
155 67.4 34.9 104.8
157 88.8 43.8 131.4





#93
 1,2,4-Trichlorobenzene
 Concen: 56.697 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21

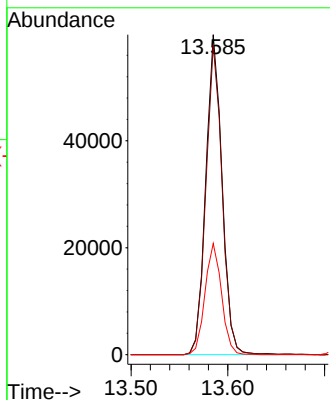
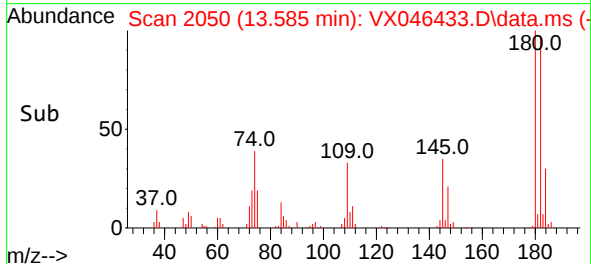
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:180 Resp: 7035
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.9 143.8
 145 35.2 17.1 51.2

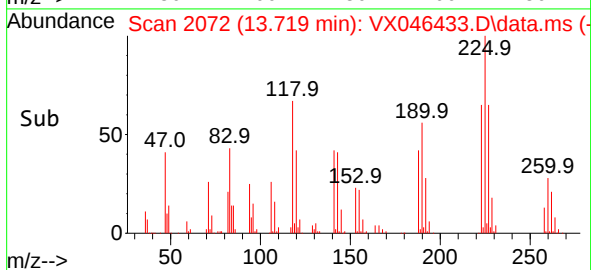
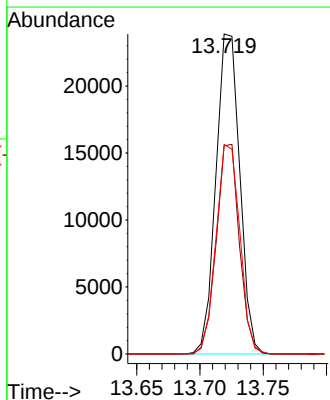
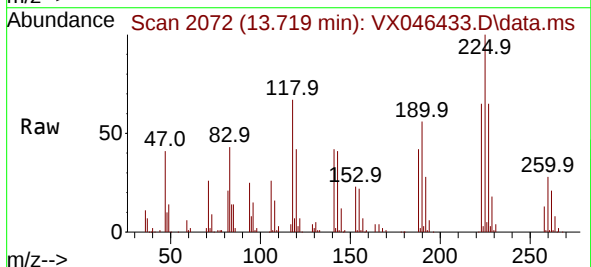
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#94
 Hexachlorobutadiene
 Concen: 57.691 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX046433.D
 Acq: 02 Jun 2025 10:21

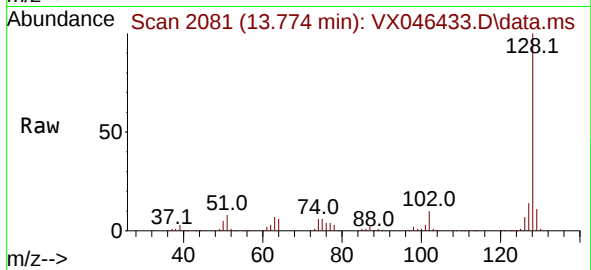
Tgt Ion:225 Resp: 31264
 Ion Ratio Lower Upper
 225 100
 223 63.2 30.8 92.4
 227 65.3 30.9 92.7





#95
Naphthalene
Concen: 53.765 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21

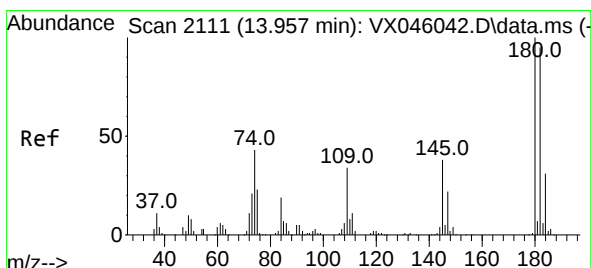
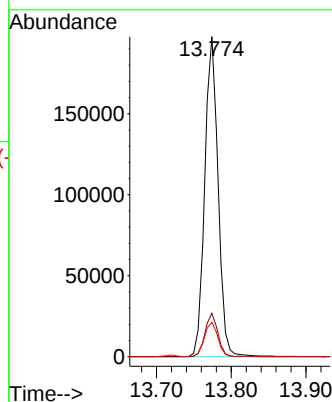
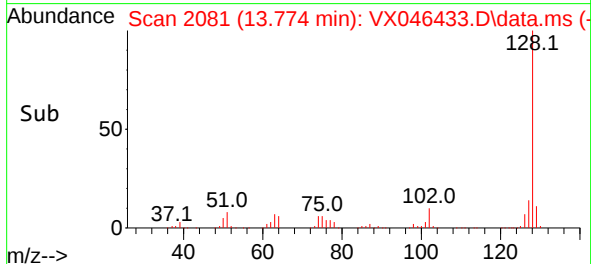
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



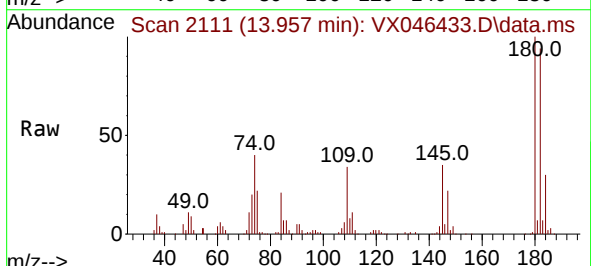
Tgt Ion:128 Resp: 24468
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 56.226 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046433.D
Acq: 02 Jun 2025 10:21



Tgt Ion:180 Resp: 71987
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 36.0 18.1 54.3

