

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044891.D
 Acq On : 10 Feb 2025 19:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 11 06:11:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	115948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	191319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78682	46.358	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.720%		
35) Dibromofluoromethane	5.379	113	63440	45.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.460%		
50) Toluene-d8	8.647	98	237006	44.684	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.360%		
62) 4-Bromofluorobenzene	11.079	95	82358	46.059	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77221	47.485	ug/l	98
3) Chloromethane	1.301	50	96397	48.704	ug/l	99
4) Vinyl Chloride	1.374	62	91075	47.498	ug/l	97
5) Bromomethane	1.593	94	28390	49.478	ug/l	96
6) Chloroethane	1.660	64	32296	42.133	ug/l	94
7) Trichlorofluoromethane	1.867	101	116922	48.218	ug/l	97
8) Diethyl Ether	2.136	74	42735	48.595	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	68797	46.958	ug/l	100
10) Methyl Iodide	2.447	142	97419	51.306	ug/l	99
11) Tert butyl alcohol	2.983	59	83894	266.439	ug/l	100
12) 1,1-Dichloroethene	2.306	96	73574	49.231	ug/l	98
13) Acrolein	2.233	56	95871	295.107	ug/l	99
14) Allyl chloride	2.654	41	135533	50.181	ug/l	99
15) Acrylonitrile	3.062	53	224480	267.016	ug/l	98
16) Acetone	2.386	43	179829	263.557	ug/l	98
17) Carbon Disulfide	2.502	76	200125	48.833	ug/l	97
18) Methyl Acetate	2.703	43	116030	53.889	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	247199	51.988	ug/l	100
20) Methylene Chloride	2.782	84	82837	49.565	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	73728	50.125	ug/l	95
22) Diisopropyl ether	3.757	45	267639	52.378	ug/l	98
23) Vinyl Acetate	3.715	43	1125714	270.230	ug/l	99
24) 1,1-Dichloroethane	3.605	63	144915	50.685	ug/l	98
25) 2-Butanone	4.556	43	303934	274.319	ug/l	98
26) 2,2-Dichloropropane	4.471	77	103730	45.749	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	91233	51.638	ug/l	97
28) Bromochloromethane	4.891	49	65658	47.785	ug/l	100
29) Tetrahydrofuran	5.001	42	198201	269.401	ug/l	99
30) Chloroform	5.086	83	140239	50.578	ug/l	99
31) Cyclohexane	5.464	56	123375	46.807	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	116926	49.716	ug/l	99
36) 1,1-Dichloropropene	5.684	75	95829	47.355	ug/l	99
37) Ethyl Acetate	4.715	43	116299	51.668	ug/l	100
38) Carbon Tetrachloride	5.672	117	94537	47.672	ug/l	99
39) Methylcyclohexane	7.373	83	124154	47.455	ug/l	99
40) Benzene	6.031	78	314544	49.777	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	65275	54.178	ug/l	99
42) 1,2-Dichloroethane	6.080	62	104957	52.115	ug/l	99
43) Isopropyl Acetate	6.336	43	194726	53.572	ug/l	100
44) Trichloroethene	7.123	130	71158	49.266	ug/l	97
45) 1,2-Dichloropropane	7.427	63	80414	51.151	ug/l	99
46) Dibromomethane	7.574	93	55925	51.296	ug/l	99
47) Bromodichloromethane	7.818	83	110205	52.204	ug/l	99
48) Methyl methacrylate	7.690	41	93901	54.789	ug/l	100
49) 1,4-Dioxane	7.659	88	39798	1082.326	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	610241	276.156	ug/l	100
52) Toluene	8.714	92	189645	50.393	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	110530	51.740	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	124522	52.280	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	75589	52.250	ug/l	99
56) Ethyl methacrylate	9.116	69	128175	54.857	ug/l	100
57) 1,3-Dichloropropane	9.305	76	132017	52.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	326171	284.305	ug/l	100
59) 2-Hexanone	9.427	43	445445	279.774	ug/l	100
60) Dibromochloromethane	9.519	129	82791	53.511	ug/l	99
61) 1,2-Dibromoethane	9.604	107	77866	53.105	ug/l	99
64) Tetrachloroethene	9.269	164	56005	46.418	ug/l	99
65) Chlorobenzene	10.073	112	206256	50.193	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	66711	50.438	ug/l	99
67) Ethyl Benzene	10.189	91	363173	50.082	ug/l	100
68) m/p-Xylenes	10.299	106	269208	100.639	ug/l	99
69) o-Xylene	10.640	106	135252	50.390	ug/l	98
70) Styrene	10.652	104	223631	51.714	ug/l	99
71) Bromoform	10.799	173	51655	52.331	ug/l #	98
73) Isopropylbenzene	10.957	105	338855	49.928	ug/l	100
74) N-amyl acetate	10.841	43	168475	54.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	119242	51.129	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	96224m	51.489	ug/l	
77) Bromobenzene	11.195	156	77606	50.436	ug/l	99
78) n-propylbenzene	11.299	91	394875	50.408	ug/l	100
79) 2-Chlorotoluene	11.360	91	238786	49.597	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	274691	49.875	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36015	49.574	ug/l	96
82) 4-Chlorotoluene	11.451	91	264864	49.726	ug/l	98
83) tert-Butylbenzene	11.713	119	277267	49.764	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	279774	51.468	ug/l	100
85) sec-Butylbenzene	11.890	105	345620	50.095	ug/l	99
86) p-Isopropyltoluene	12.006	119	278839	50.257	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	140288	49.579	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	140405	49.077	ug/l	99
89) n-Butylbenzene	12.329	91	255034	51.957	ug/l	99
90) Hexachloroethane	12.536	117	51905	49.962	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	141887	51.021	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22829	53.634	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	85013	50.520	ug/l	98
94) Hexachlorobutadiene	13.725	225	31079	46.524	ug/l	100
95) Naphthalene	13.774	128	321815	52.905	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	86663	51.110	ug/l	100

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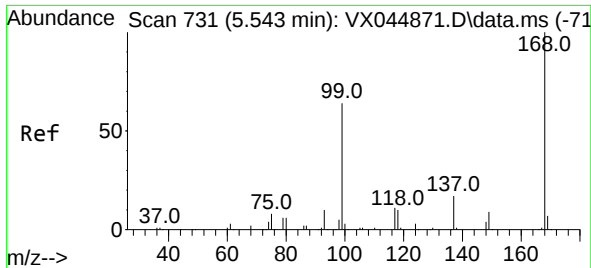
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/11/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

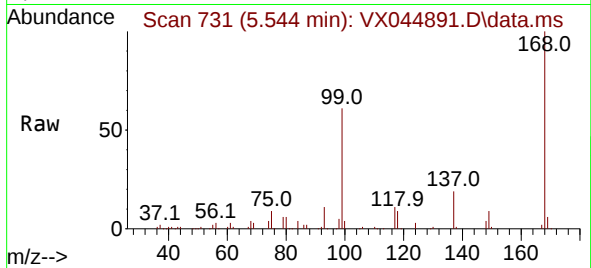
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044891.D
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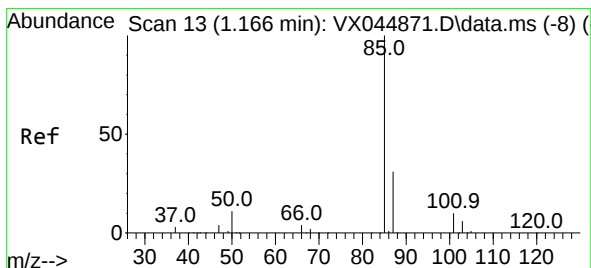
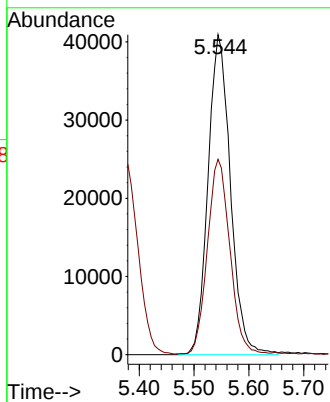
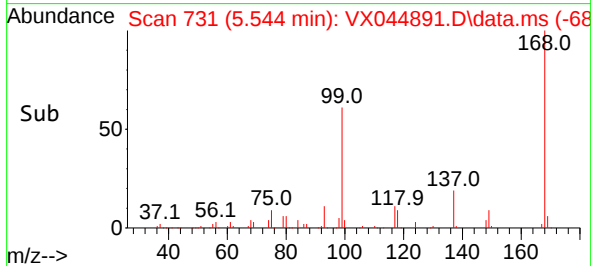
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



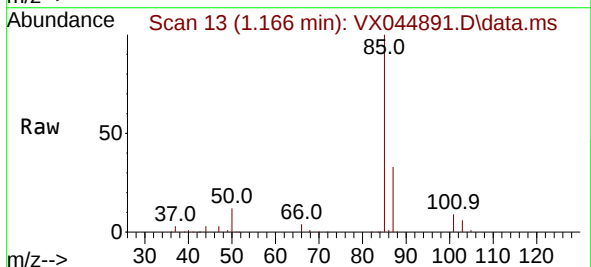
Tgt Ion:168 Resp: 11594
Ion Ratio Lower Upper
168 100
99 60.8 51.2 76.8

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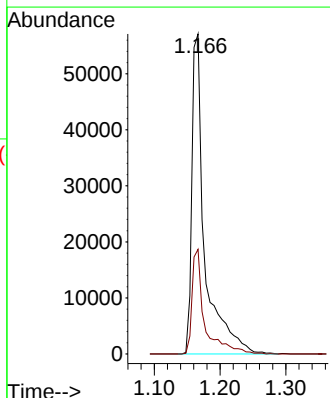
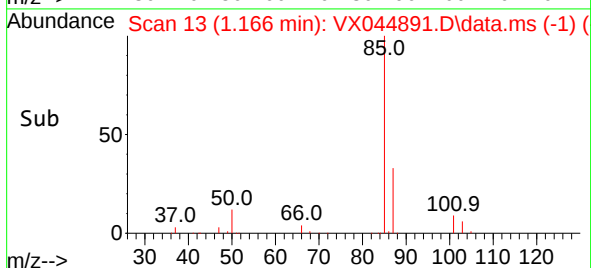
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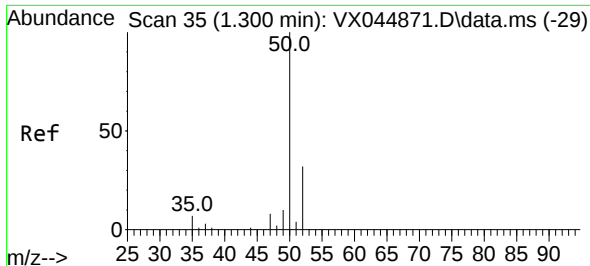


#2
Dichlorodifluoromethane
Concen: 47.485 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



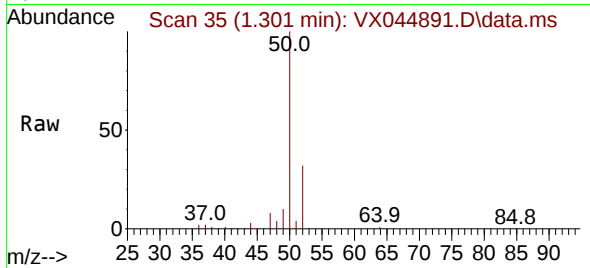
Tgt Ion: 85 Resp: 77221
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3





#3
Chloromethane
Concen: 48.704 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

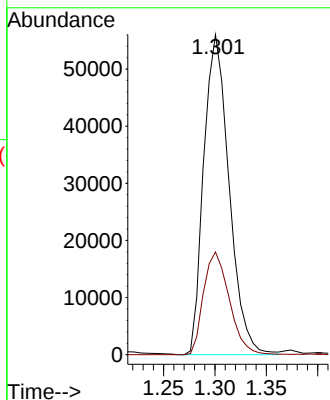
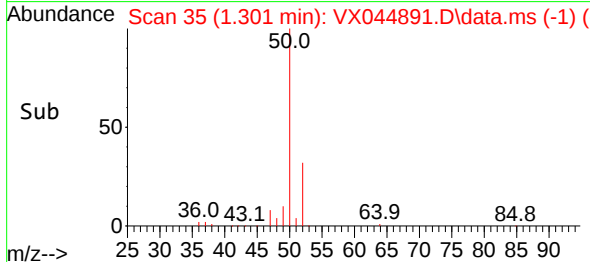
Instrument :
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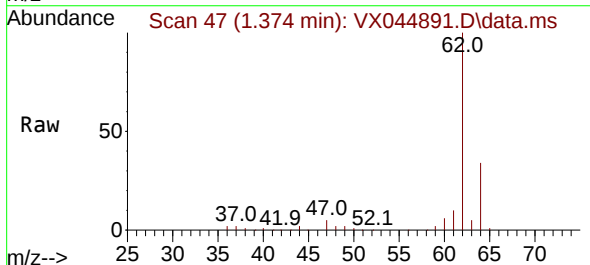
Tgt Ion: 50 Resp: 9639
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9

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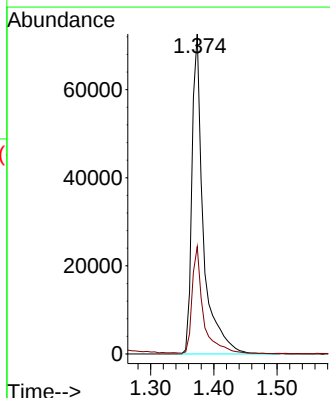
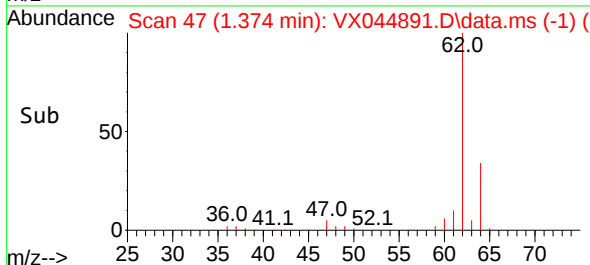
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#4
Vinyl Chloride
Concen: 47.498 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



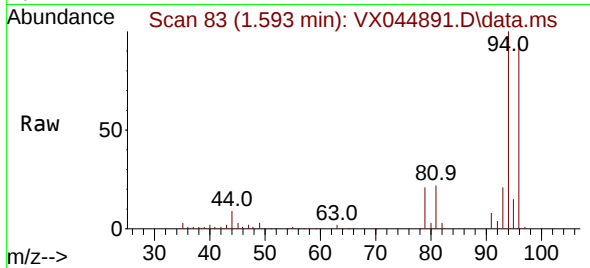
Tgt Ion: 62 Resp: 91075
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0





#5
Bromomethane
Concen: 49.478 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

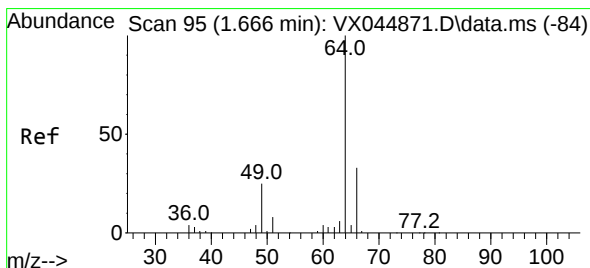
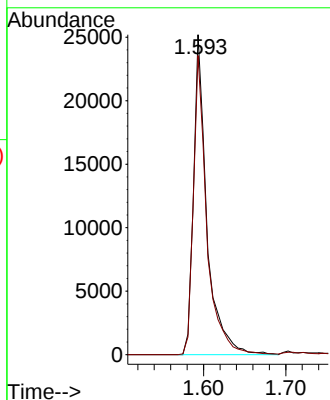
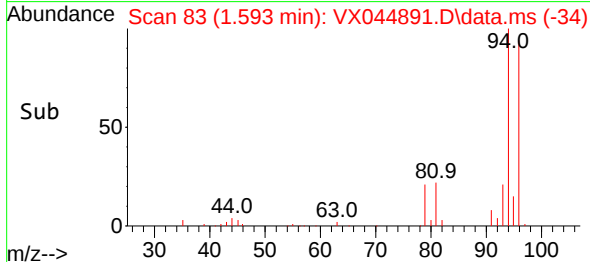
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 28390
Ion Ratio Lower Upper
94 100
96 93.5 71.6 107.4

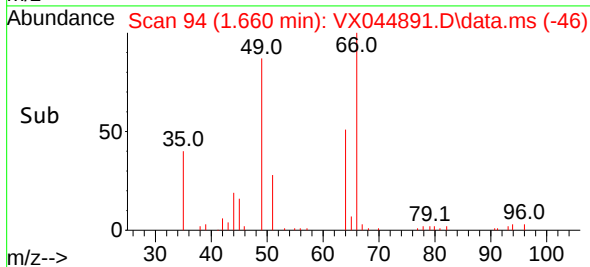
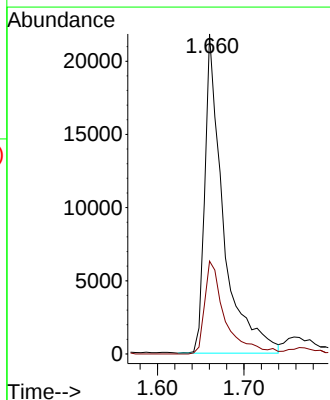
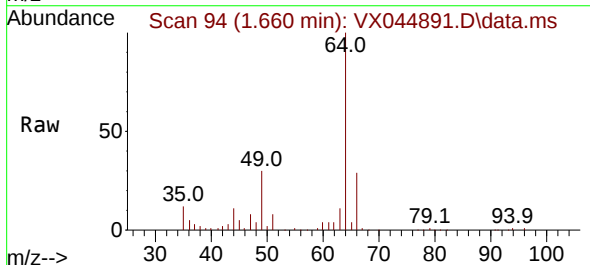
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#6
Chloroethane
Concen: 42.133 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

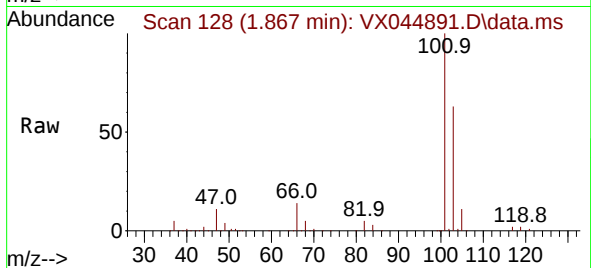
Tgt Ion: 64 Resp: 32296
Ion Ratio Lower Upper
64 100
66 29.1 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 48.218 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX044891.D
 Acq: 10 Feb 2025 19:32

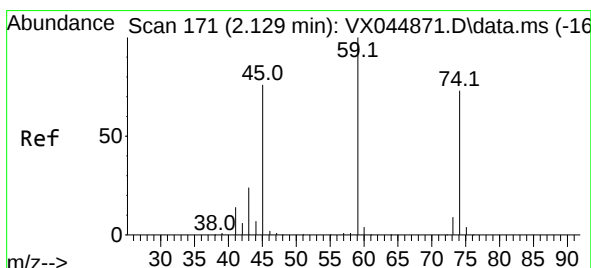
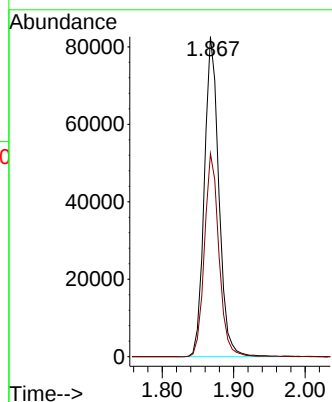
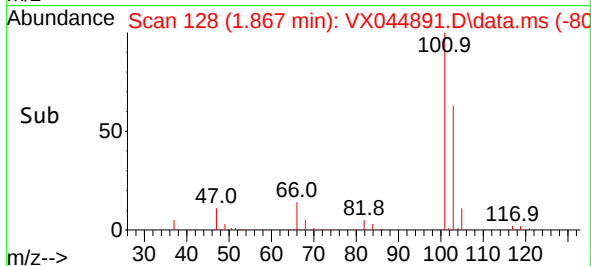
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Tgt Ion:101 Resp: 11692
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.4 78.6

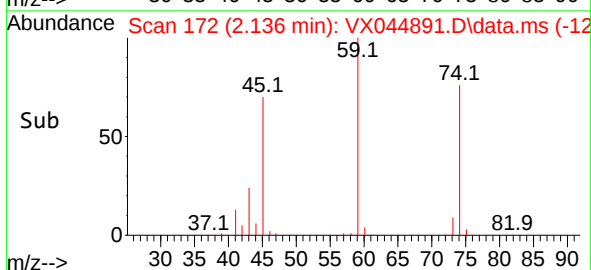
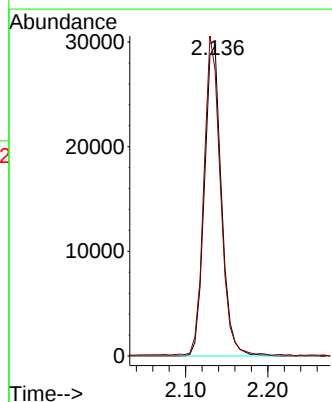
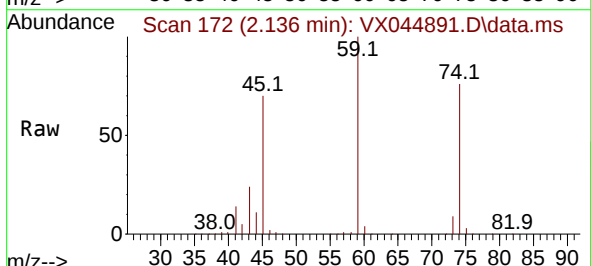
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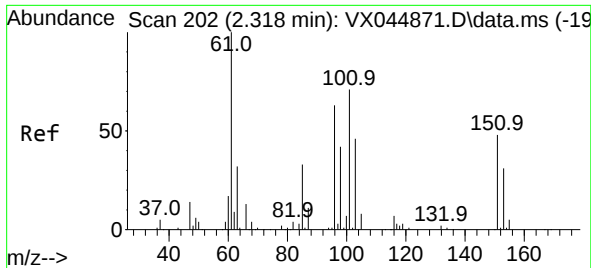
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#8
 Diethyl Ether
 Concen: 48.595 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.007 min
 Lab File: VX044891.D
 Acq: 10 Feb 2025 19:32

Tgt Ion: 74 Resp: 42735
 Ion Ratio Lower Upper
 74 100
 45 100.2 51.1 153.4





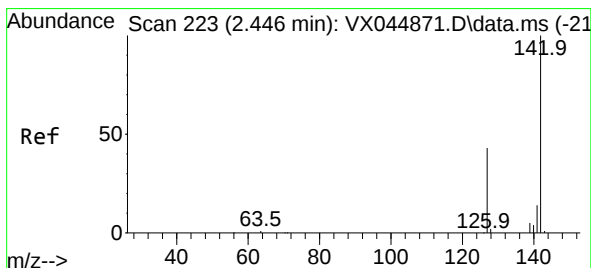
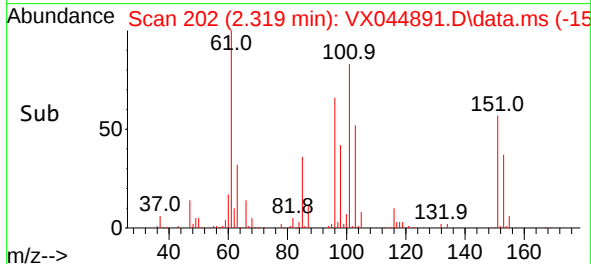
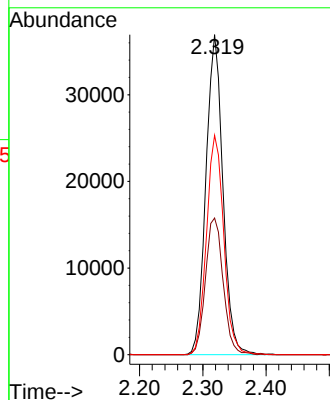
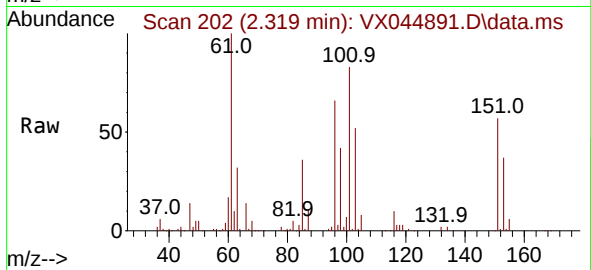
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.958 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044891.D
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Tgt Ion:101 Resp: 6879
Ion Ratio Lower Upper
101 100
85 44.7 35.7 53.5
151 70.0 56.0 84.0

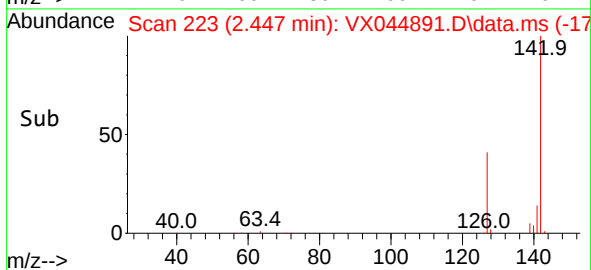
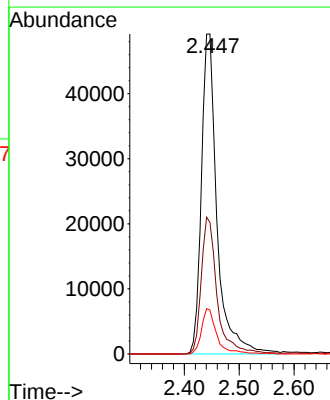
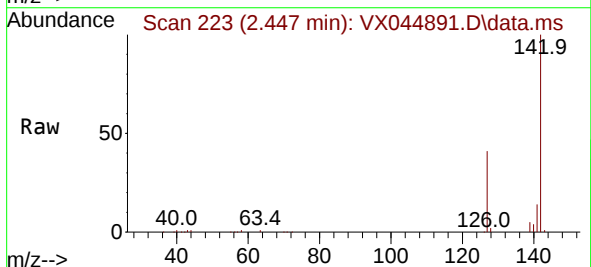
Manual Integrations
APPROVED

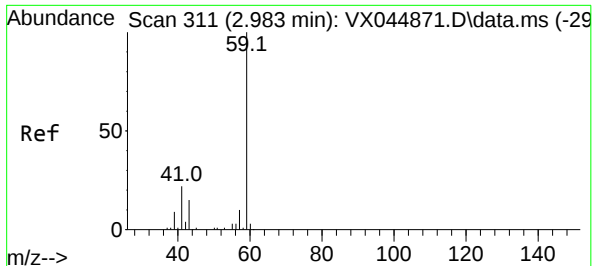
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#10
Methyl Iodide
Concen: 51.306 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

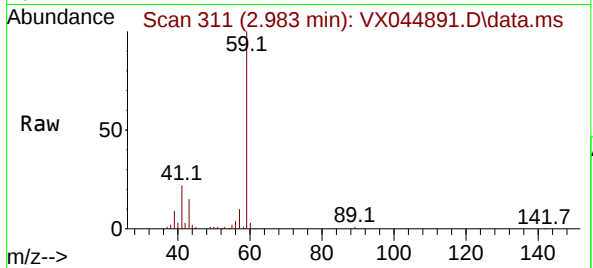
Tgt Ion:142 Resp: 97419
Ion Ratio Lower Upper
142 100
127 43.4 34.3 51.5
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 266.439 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

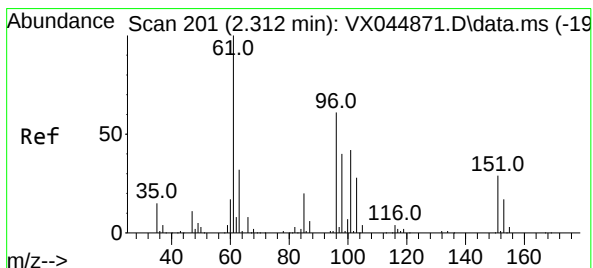
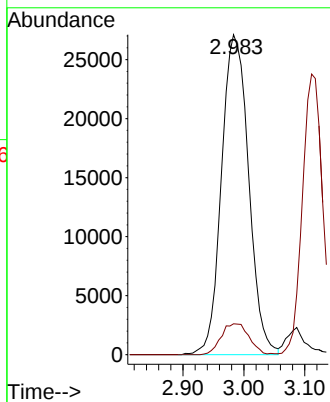
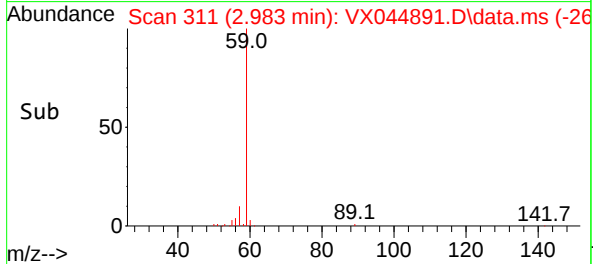
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



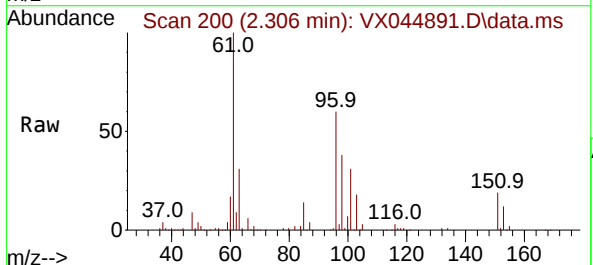
Tgt Ion: 59 Resp: 83894
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

Manual Integrations
APPROVED

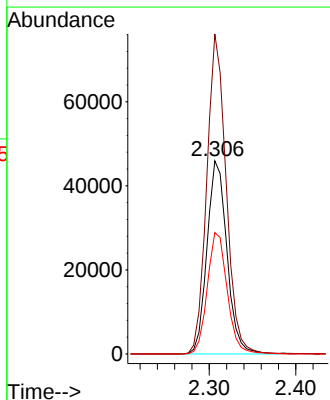
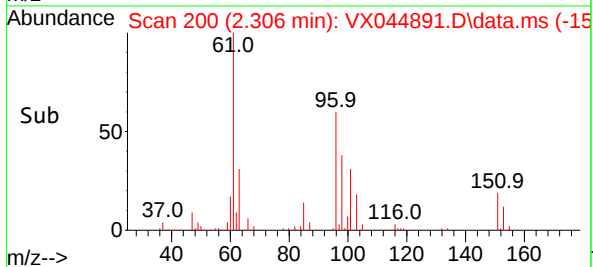
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#12
1,1-Dichloroethene
Concen: 49.231 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



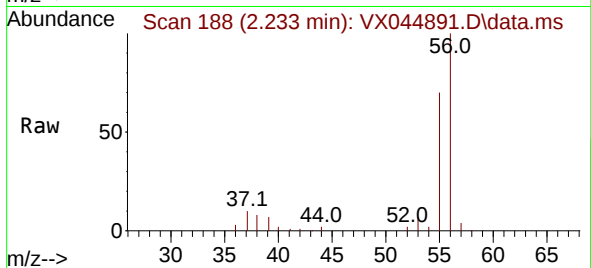
Tgt Ion: 96 Resp: 73574
Ion Ratio Lower Upper
96 100
61 165.7 130.2 195.4
98 62.9 52.2 78.4





#13
Acrolein
Concen: 295.107 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

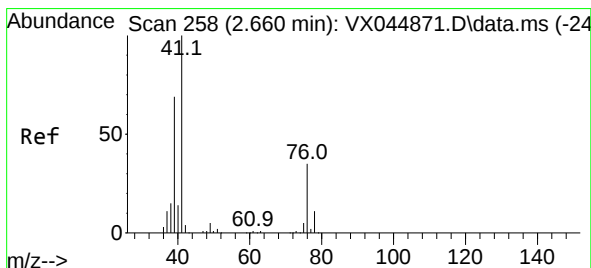
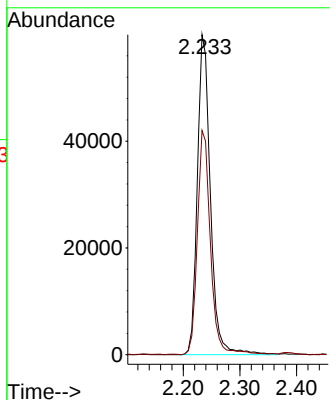
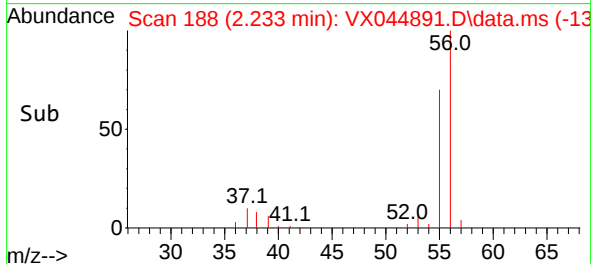
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 9587
Ion Ratio Lower Upper
56 100
55 70.2 55.7 83.5

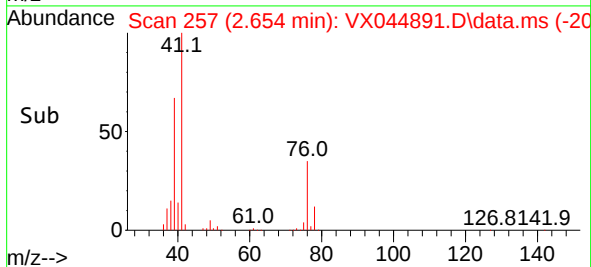
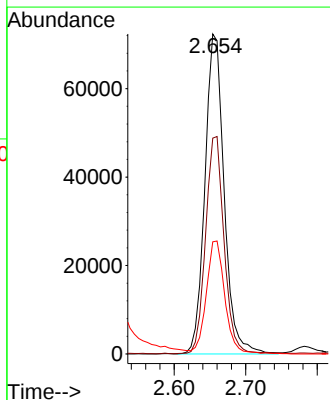
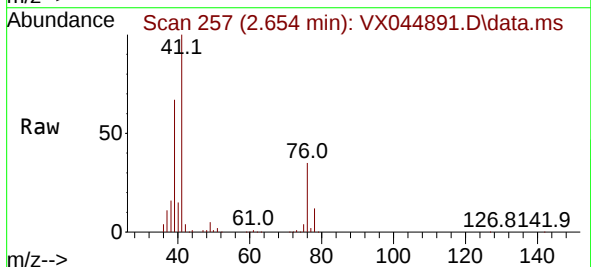
Manual Integrations
APPROVED

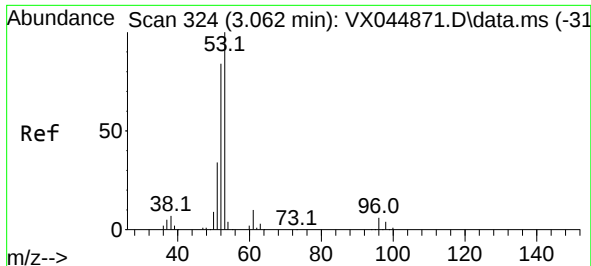
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#14
Allyl chloride
Concen: 50.181 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

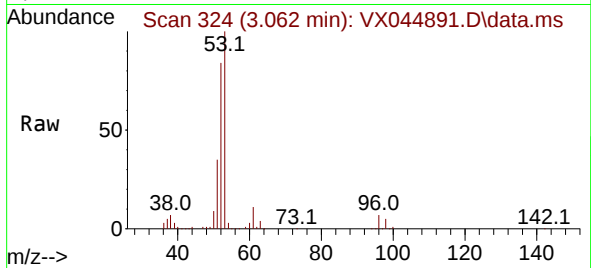
Tgt Ion: 41 Resp: 135533
Ion Ratio Lower Upper
41 100
39 64.9 51.4 77.2
76 34.0 27.0 40.4





#15
Acrylonitrile
Concen: 267.016 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

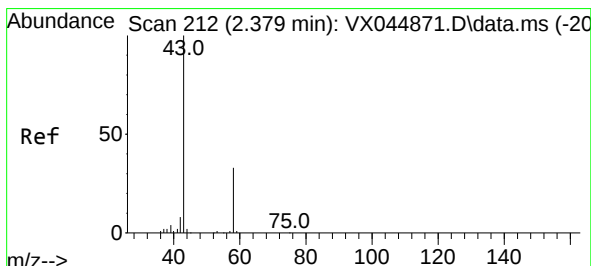
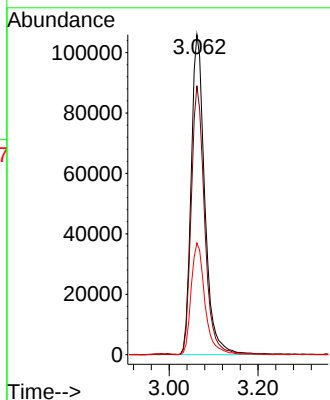
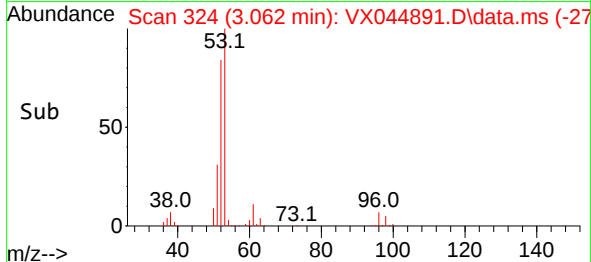
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 224480
Ion Ratio Lower Upper
53 100
52 83.3 65.0 97.6
51 35.8 28.0 42.0

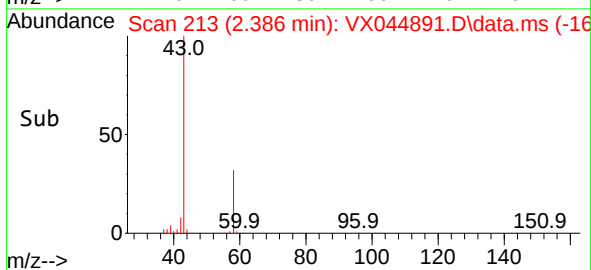
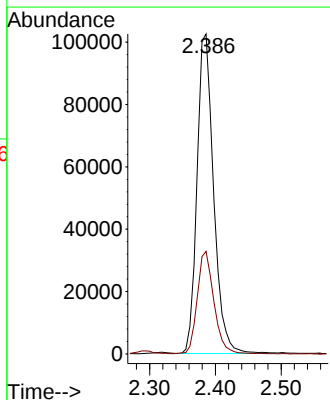
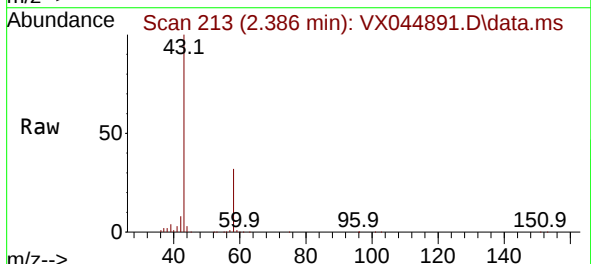
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#16
Acetone
Concen: 263.557 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Tgt Ion: 43 Resp: 179829
Ion Ratio Lower Upper
43 100
58 32.0 26.5 39.7





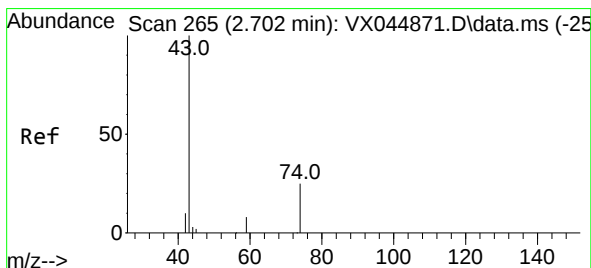
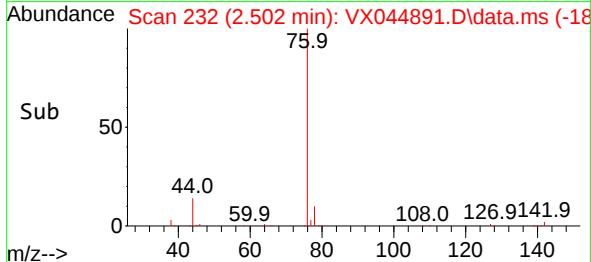
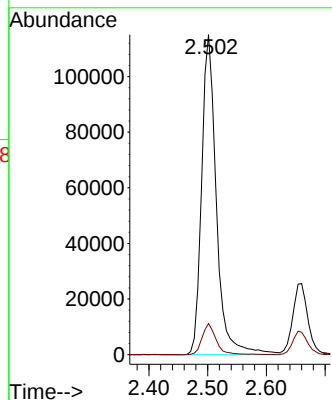
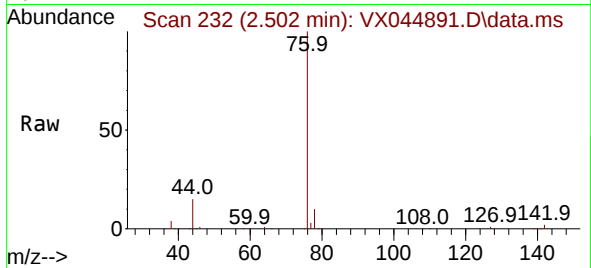
#17
Carbon Disulfide
Concen: 48.833 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 20012
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4

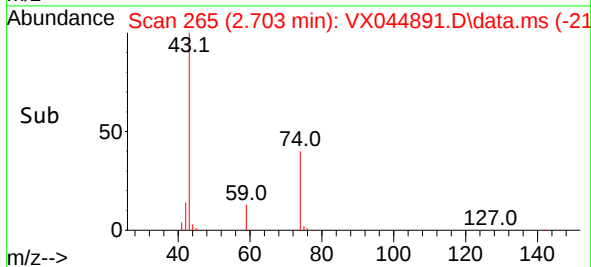
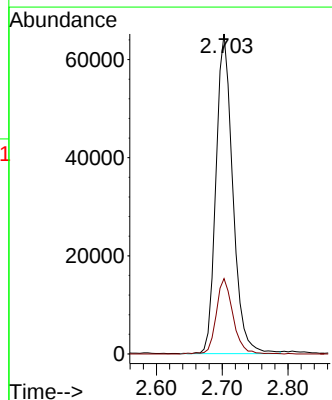
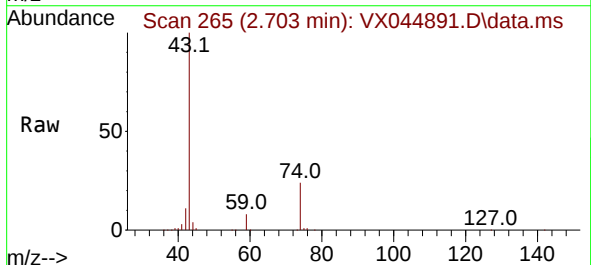
Manual Integrations
APPROVED

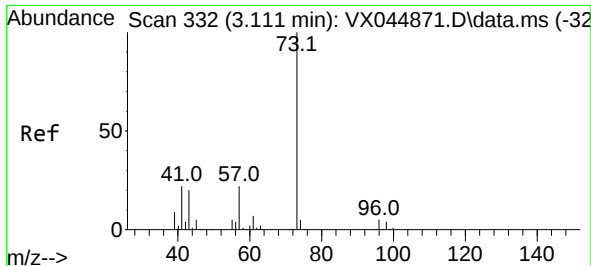
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#18
Methyl Acetate
Concen: 53.889 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

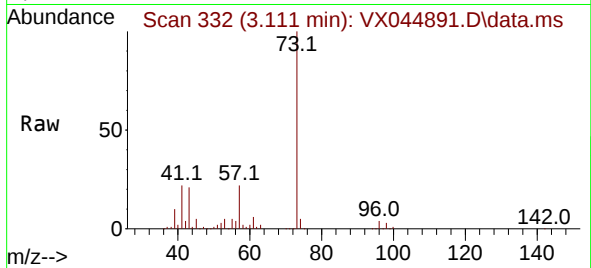
Tgt Ion: 43 Resp: 116030
Ion Ratio Lower Upper
43 100
74 23.5 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 51.988 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

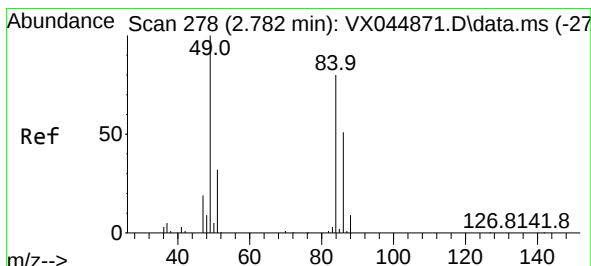
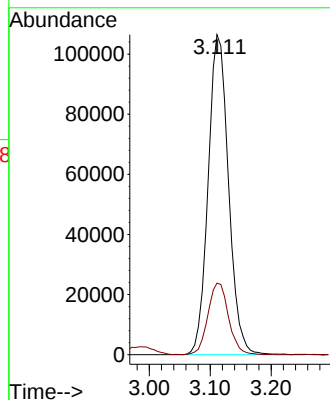
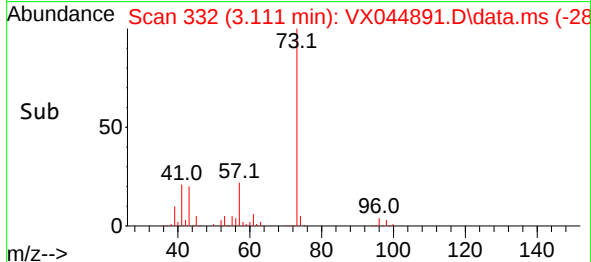
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 247199
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9

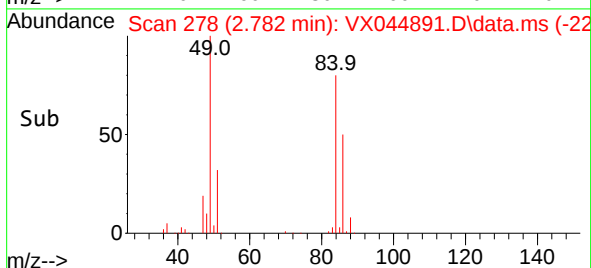
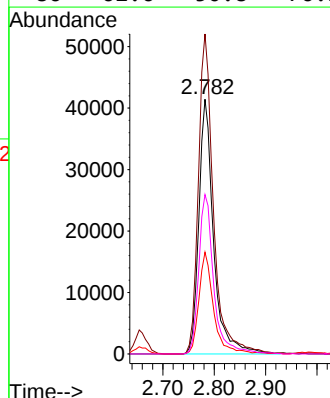
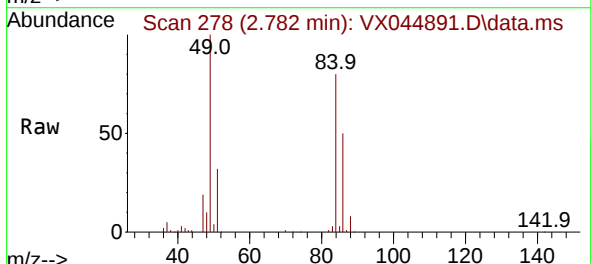
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 49.565 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

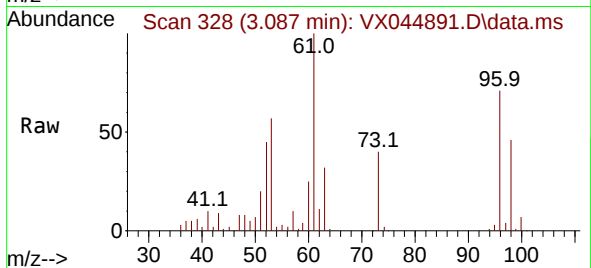
Tgt Ion: 84 Resp: 82837
Ion Ratio Lower Upper
84 100
49 125.6 100.1 150.1
51 40.0 31.7 47.5
86 62.6 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 50.125 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

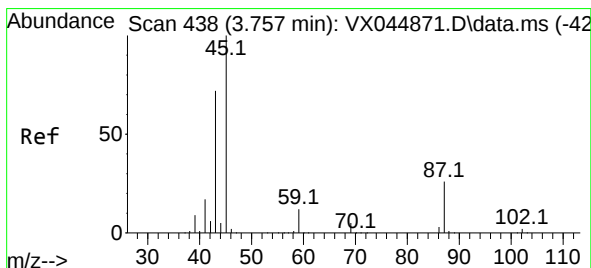
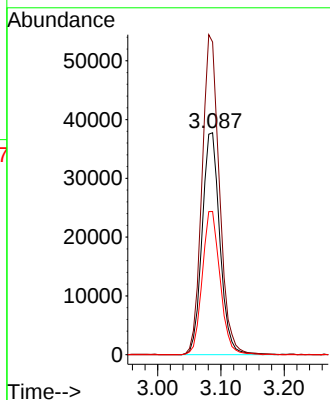
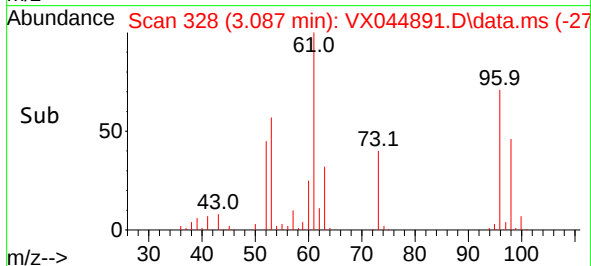
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



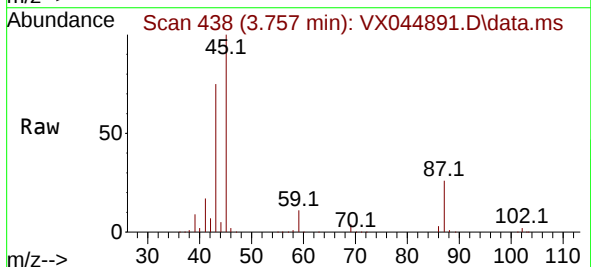
Tgt Ion: 96 Resp: 73728
Ion Ratio Lower Upper
96 100
61 140.8 106.0 159.0
98 64.5 50.6 76.0

Manual Integrations
APPROVED

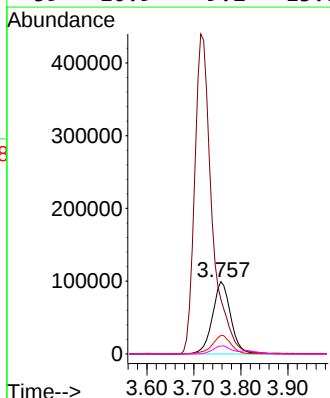
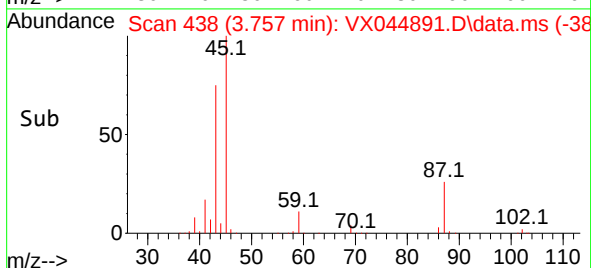
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

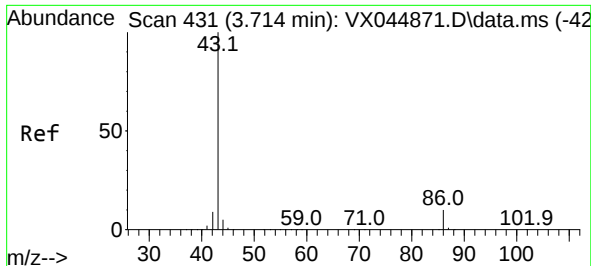


#22
Diisopropyl ether
Concen: 52.378 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



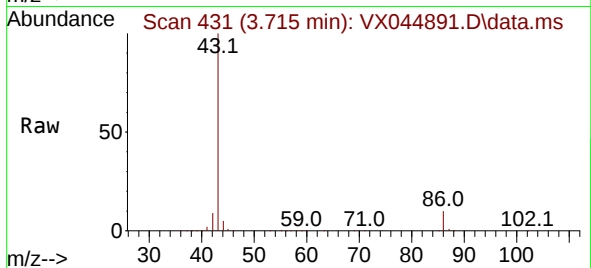
Tgt Ion: 45 Resp: 267639
Ion Ratio Lower Upper
45 100
43 75.1 58.0 87.0
87 25.7 20.7 31.1
59 10.9 9.2 13.8





#23
 Vinyl Acetate
 Concen: 270.230 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044891.D
 Acq: 10 Feb 2025 19:32

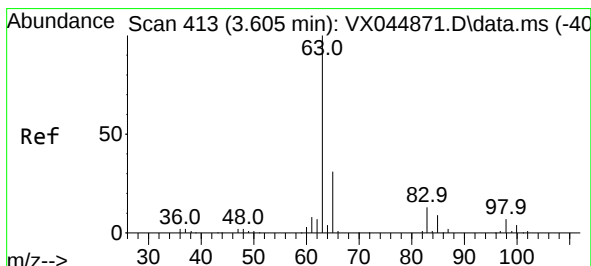
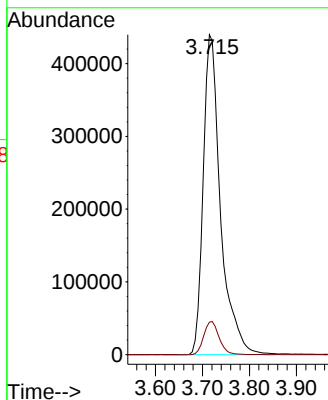
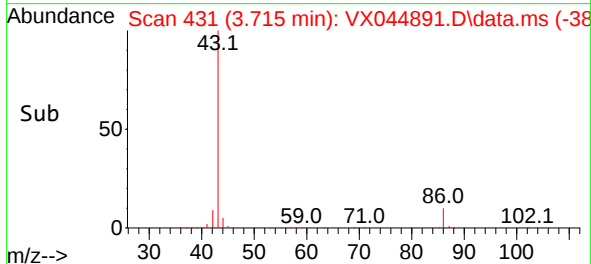
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



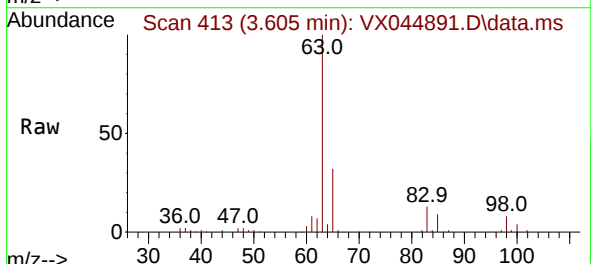
Tgt Ion: 43 Resp: 1125714
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5

Manual Integrations
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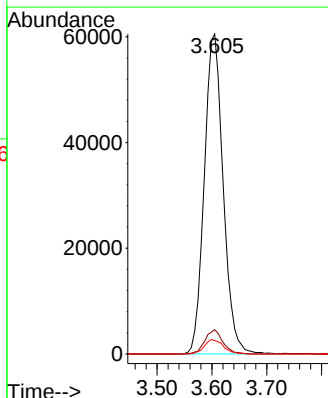
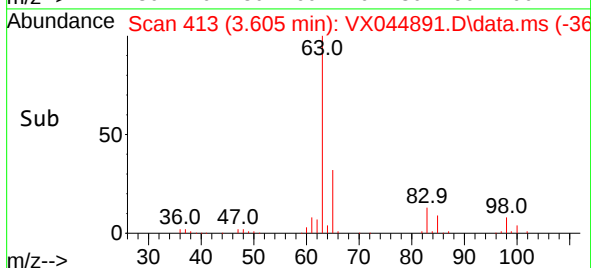
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

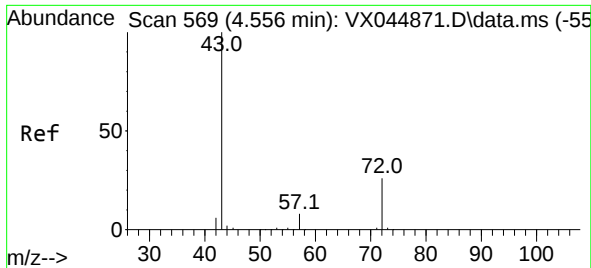


#24
 1,1-Dichloroethane
 Concen: 50.685 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044891.D
 Acq: 10 Feb 2025 19:32



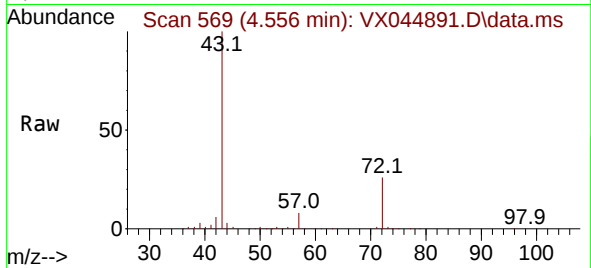
Tgt Ion: 63 Resp: 144915
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.9
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 274.319 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

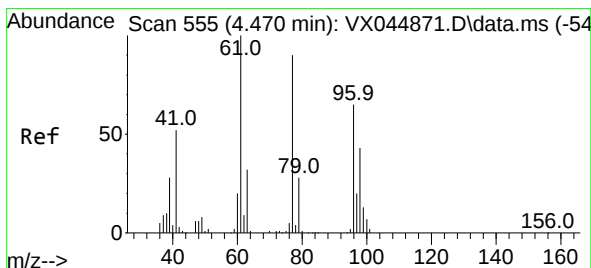
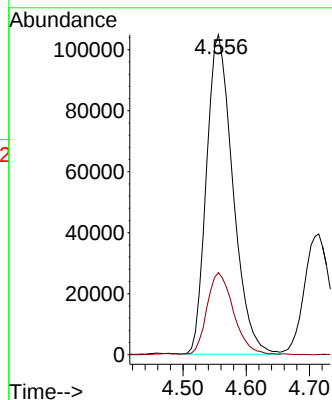
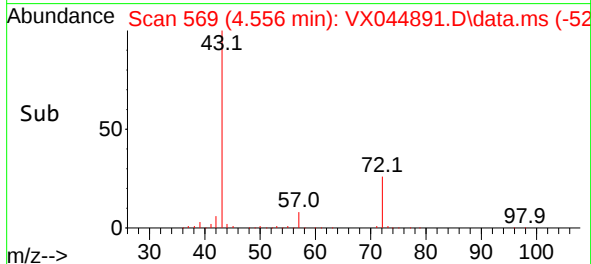
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 303934
Ion Ratio Lower Upper
43 100
72 25.5 21.2 31.8

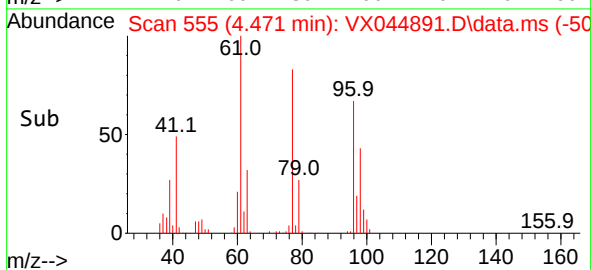
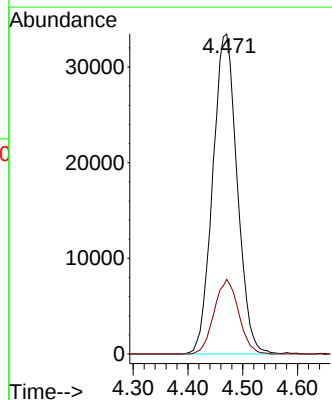
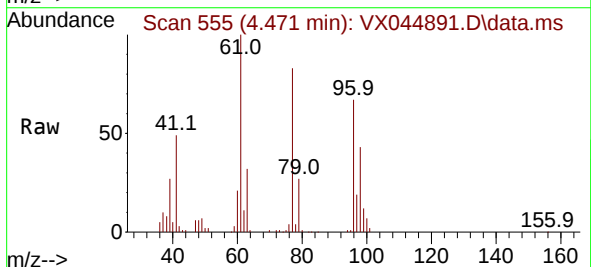
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#26
2,2-Dichloropropane
Concen: 45.749 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Tgt Ion: 77 Resp: 103730
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 51.638 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 9123

Ion Ratio Lower Upper

96 100

61 142.3 0.0 294.0

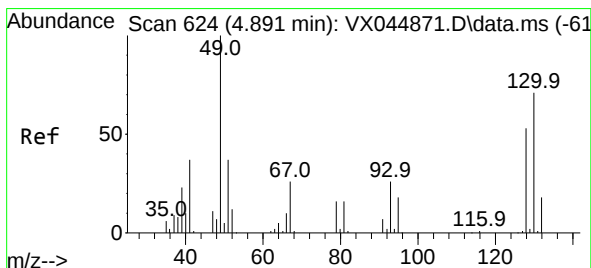
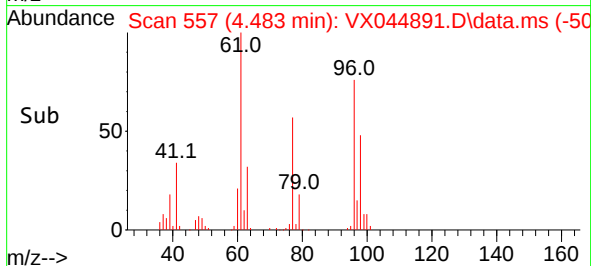
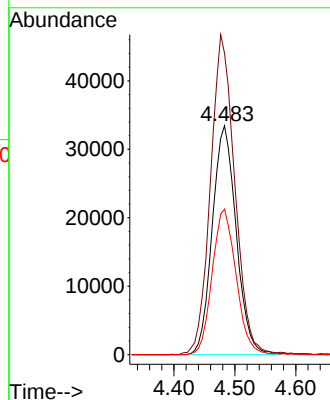
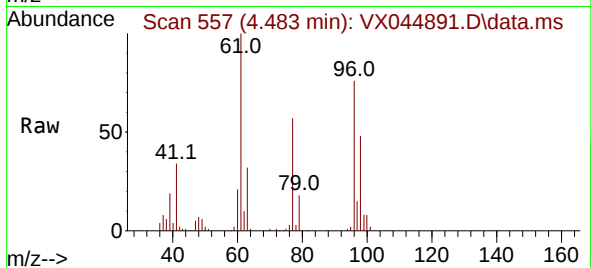
98 63.4 0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#28

Bromochloromethane

Concen: 47.785 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

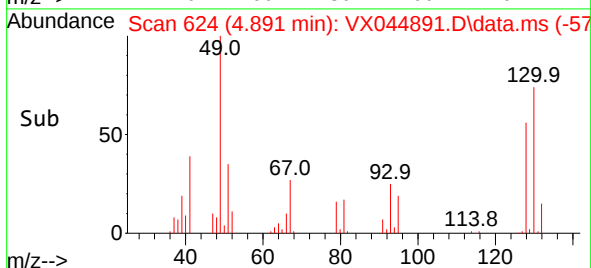
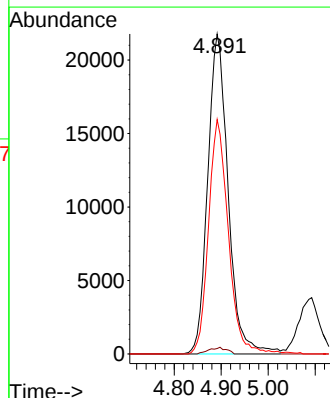
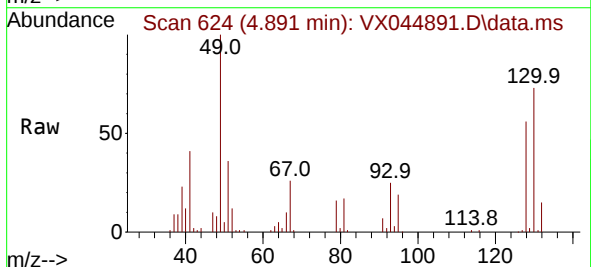
Tgt Ion: 49 Resp: 65658

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 71.1 56.7 85.1





#29

Tetrahydrofuran

Concen: 269.401 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19820

Ion Ratio Lower Upper

42 100

72 44.3 35.0 52.4

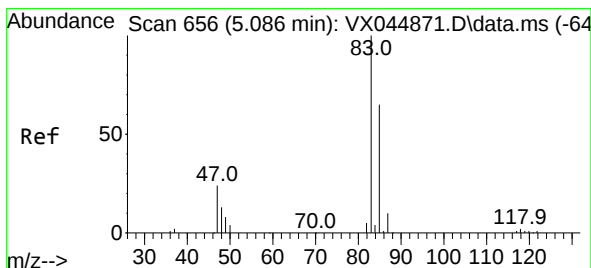
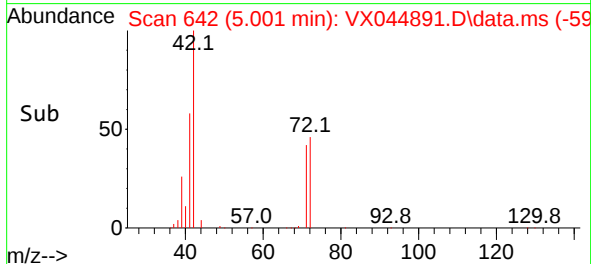
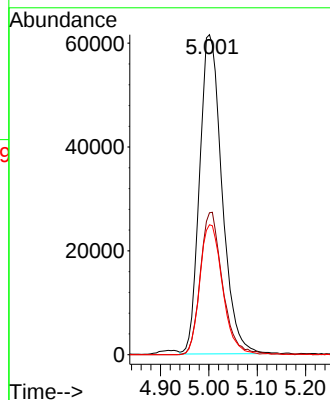
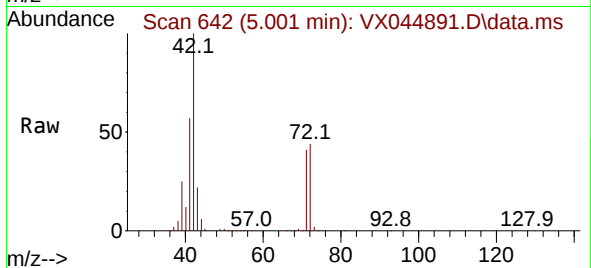
71 41.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#30

Chloroform

Concen: 50.578 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044891.D

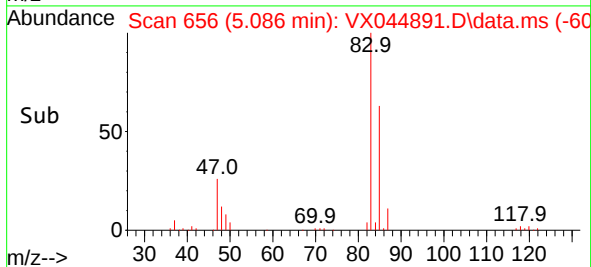
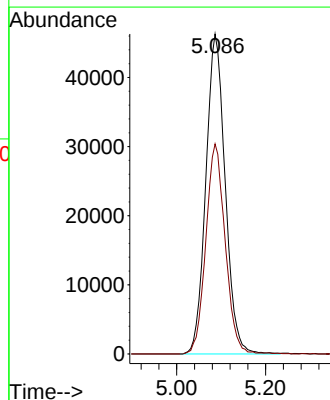
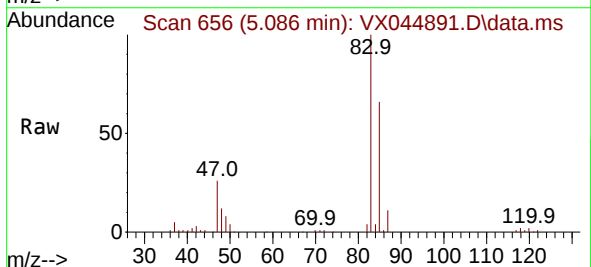
Acq: 10 Feb 2025 19:32

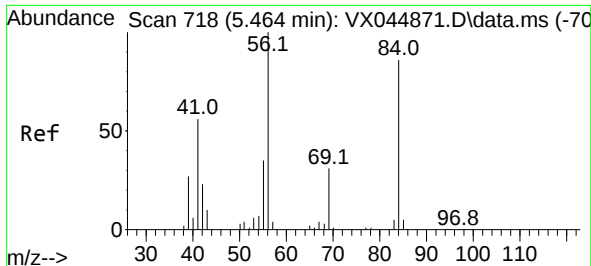
Tgt Ion: 83 Resp: 140239

Ion Ratio Lower Upper

83 100

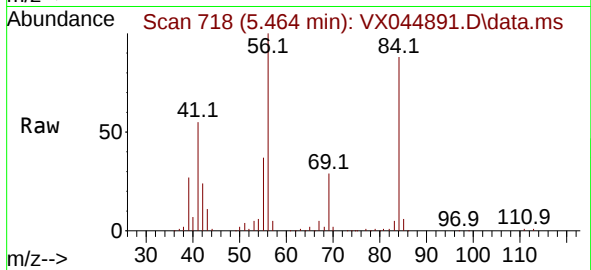
85 65.6 52.1 78.1





#31
Cyclohexane
Concen: 46.807 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

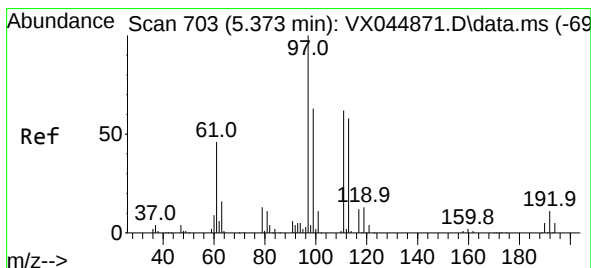
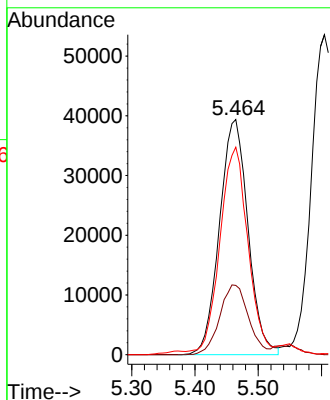
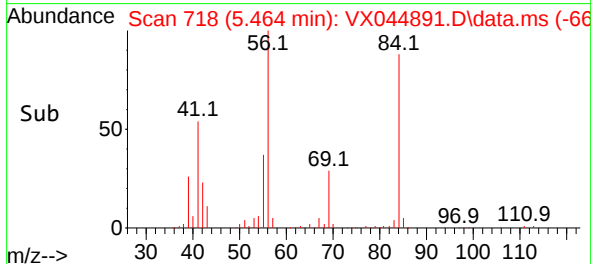
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



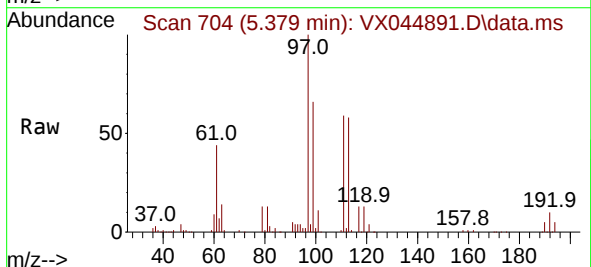
Tgt Ion: 56 Resp: 123375
Ion Ratio Lower Upper
56 100
69 29.4 24.4 36.6
84 86.7 69.0 103.6

Manual Integrations
APPROVED

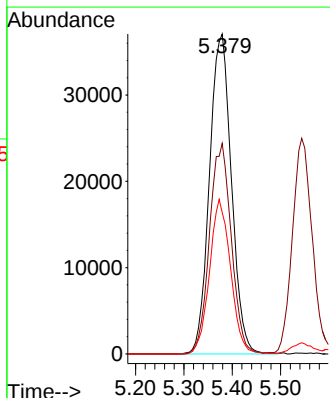
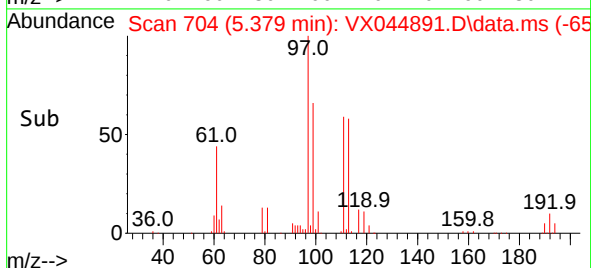
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

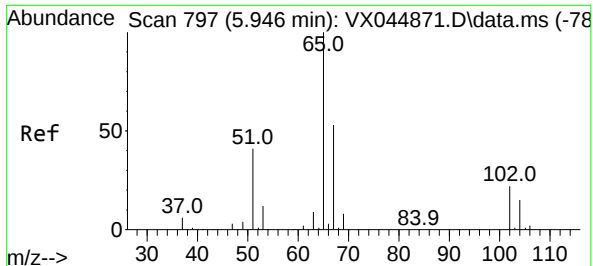


#32
1,1,1-Trichloroethane
Concen: 49.716 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



Tgt Ion: 97 Resp: 116926
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.6
61 46.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.358 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7868

Ion Ratio Lower Upper

65 100

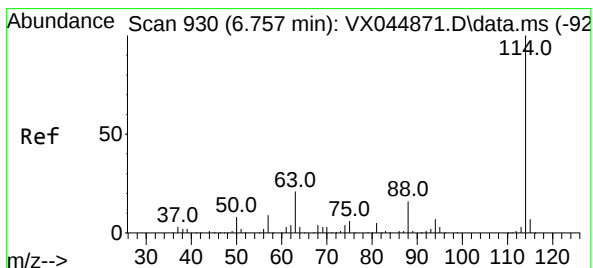
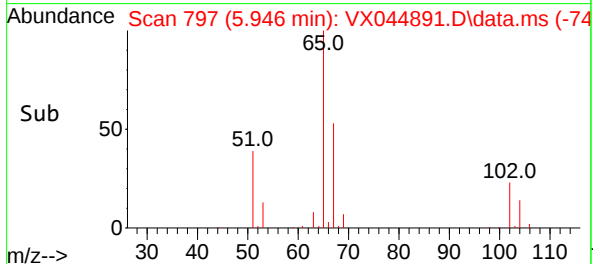
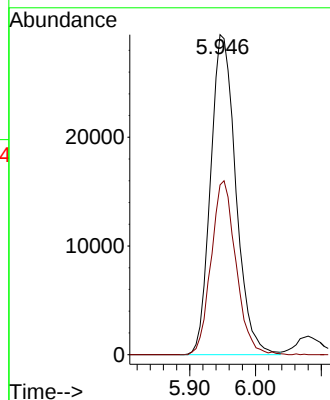
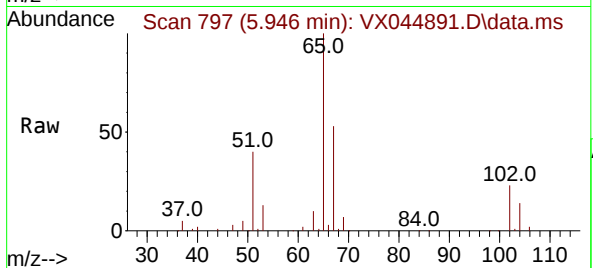
67 53.4 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

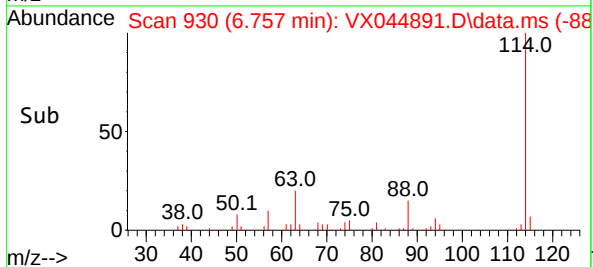
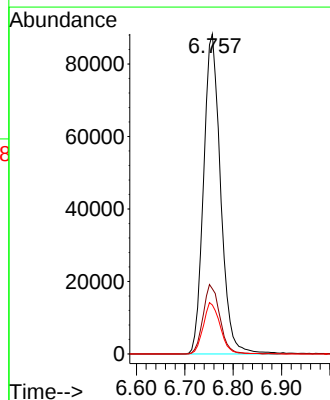
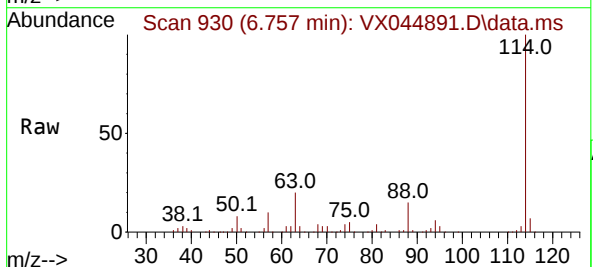
Tgt Ion:114 Resp: 215738

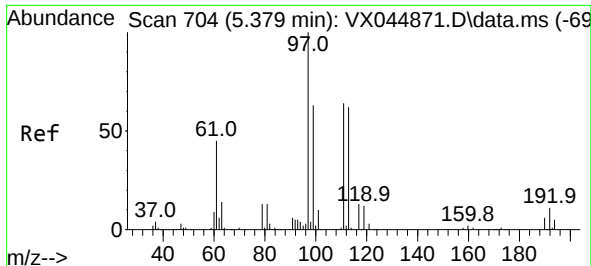
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

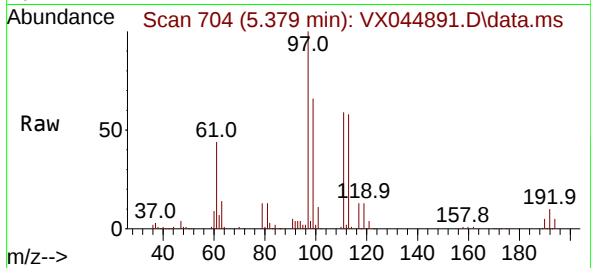
88 15.3 0.0 31.4





#35
Dibromofluoromethane
Concen: 45.228 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

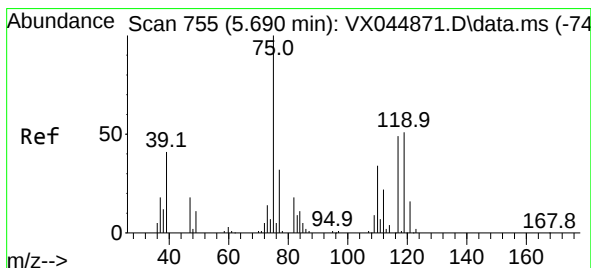
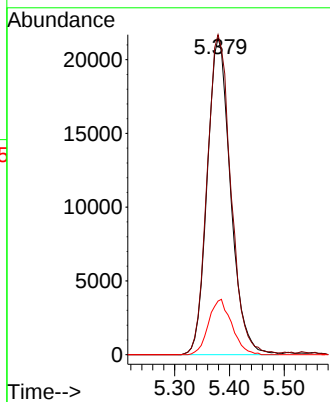
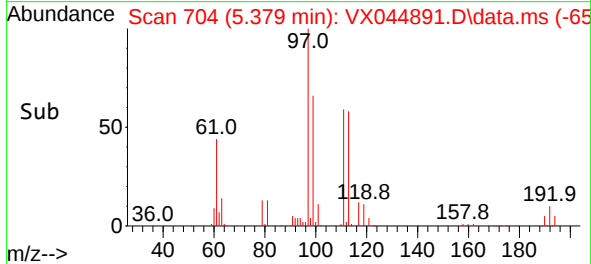
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 63440
Ion Ratio Lower Upper
113 100
111 102.8 83.5 125.3
192 17.4 14.4 21.6

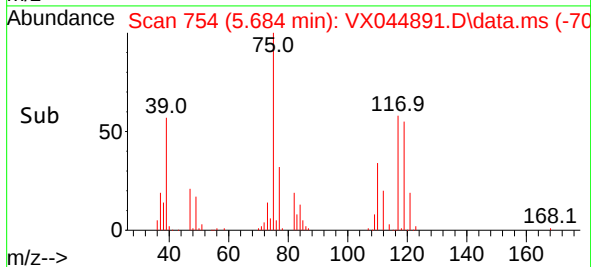
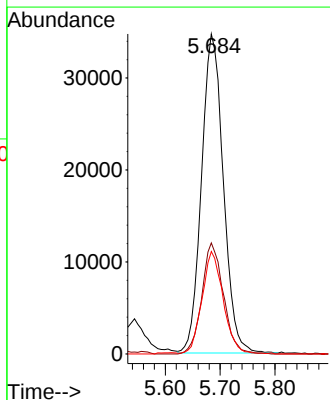
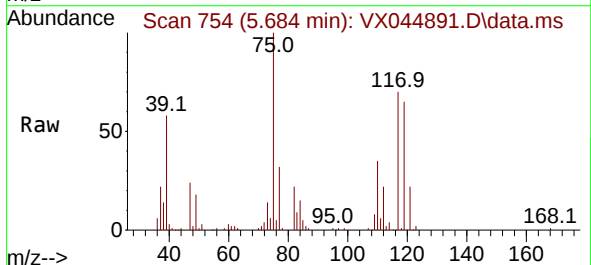
Manual Integrations
APPROVED

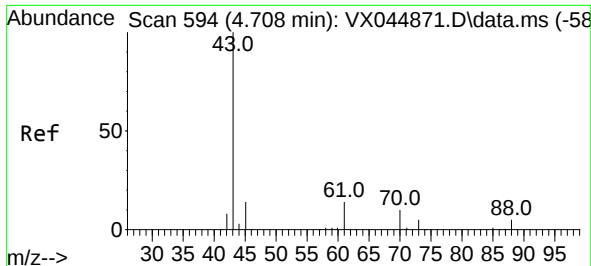
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#36
1,1-Dichloropropene
Concen: 47.355 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

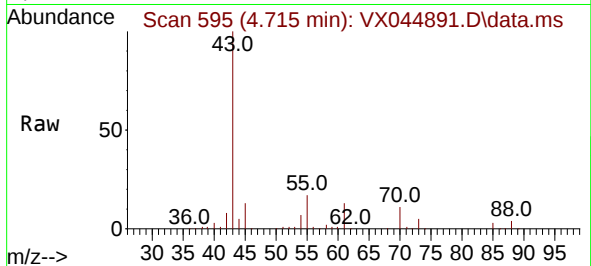
Tgt Ion: 75 Resp: 95829
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.6
77 31.4 24.6 37.0





#37
Ethyl Acetate
Concen: 51.668 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

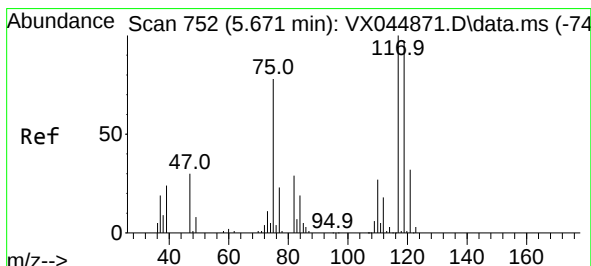
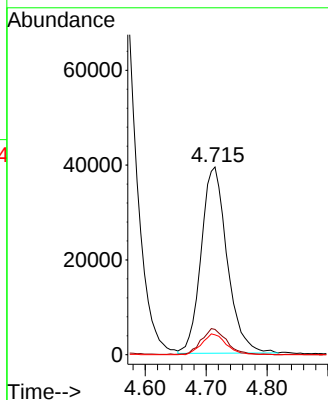
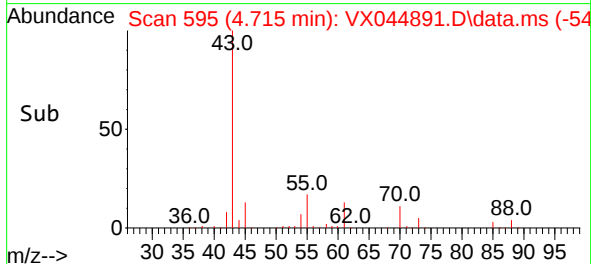
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 116299
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.5 8.2 12.2

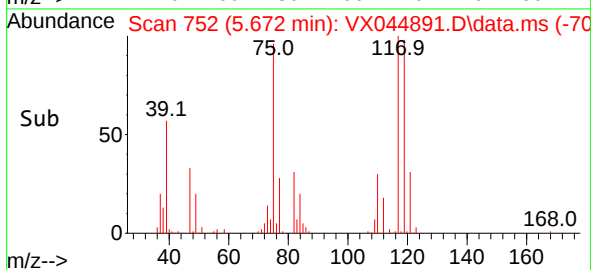
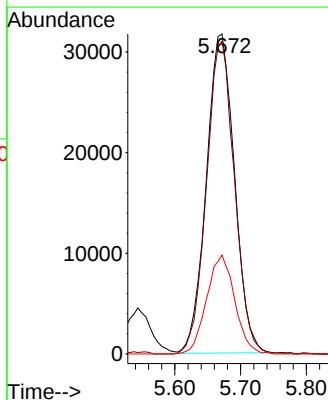
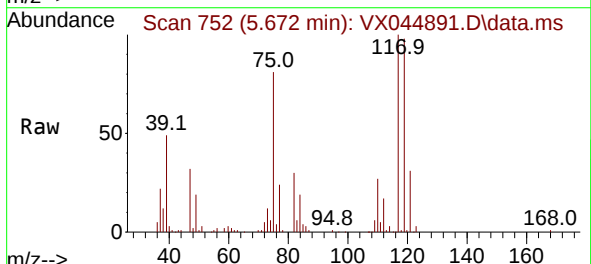
Manual Integrations
APPROVED

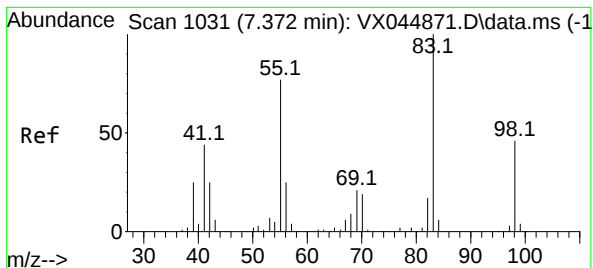
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#38
Carbon Tetrachloride
Concen: 47.672 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Tgt Ion:117 Resp: 94537
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3
121 31.0 25.6 38.4





#39

Methylcyclohexane

Concen: 47.455 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 124154

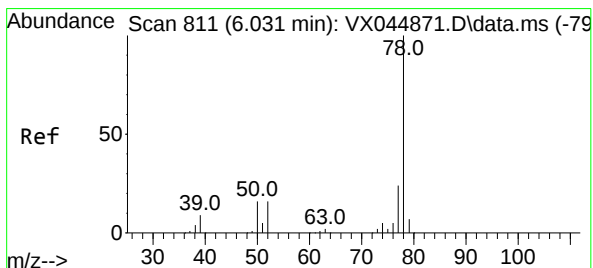
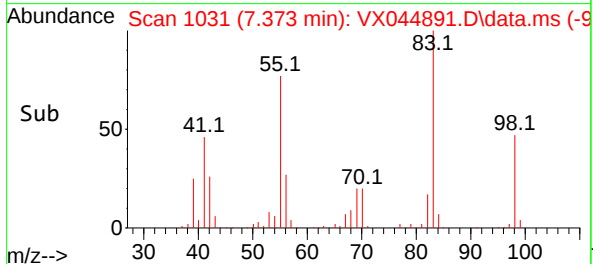
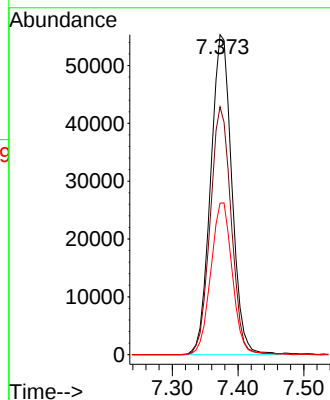
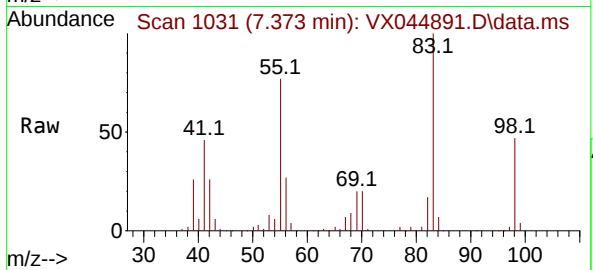
Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.3	91.9
98	47.4	37.0	55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#40

Benzene

Concen: 49.777 ug/l

RT: 6.031 min Scan# 811

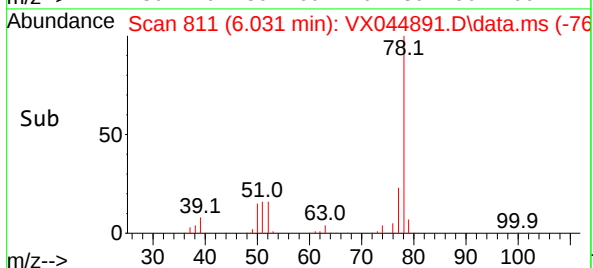
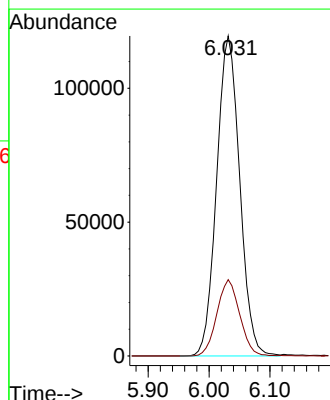
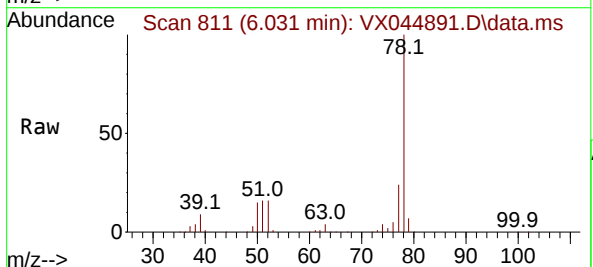
Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Tgt Ion: 78 Resp: 314544

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41
Methacrylonitrile
Concen: 54.178 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

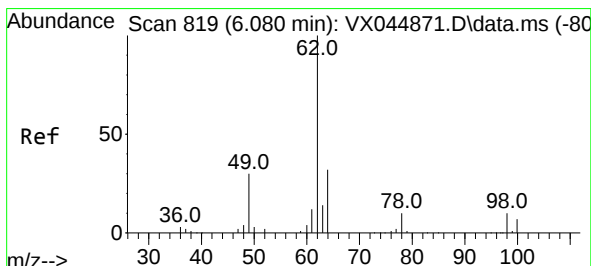
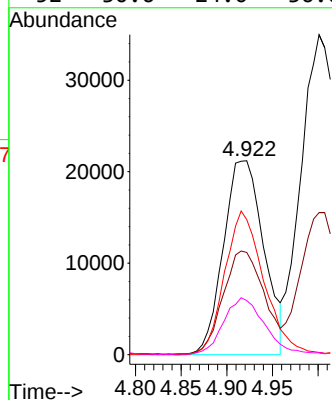
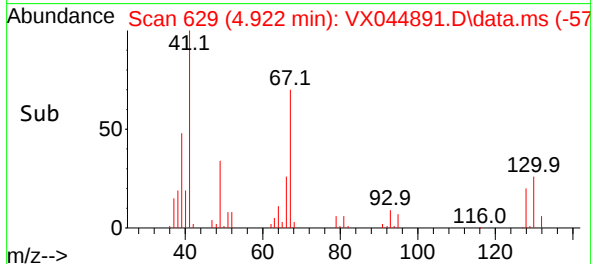
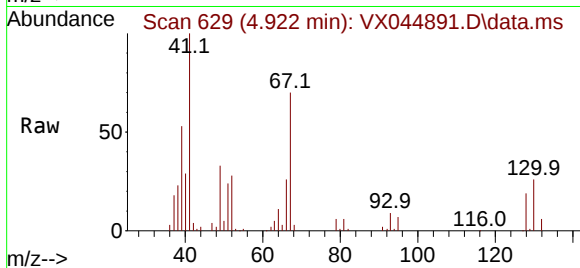
VSTDCCC050EC

Tgt Ion: 41 Resp: 6527
Ion Ratio Lower Upper
41 100
39 54.6 43.1 64.7
67 72.2 57.0 85.6
52 30.6 24.0 36.0

Manual Integrations

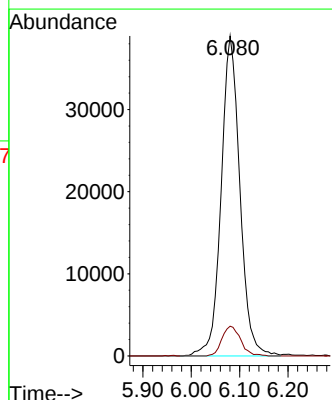
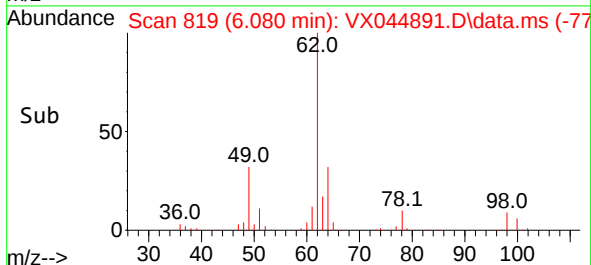
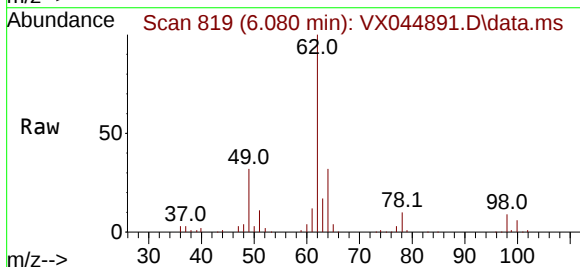
APPROVED

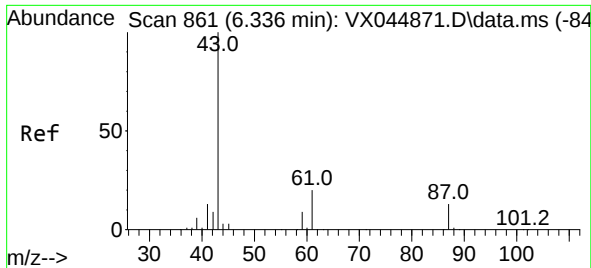
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#42
1,2-Dichloroethane
Concen: 52.115 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

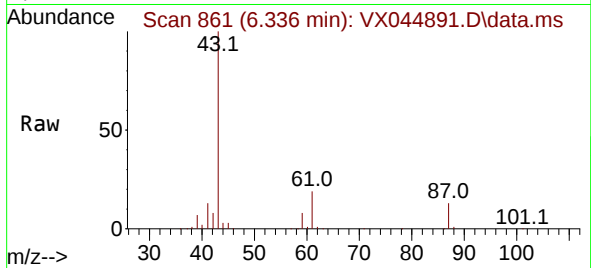
Tgt Ion: 62 Resp: 104957
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 53.572 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

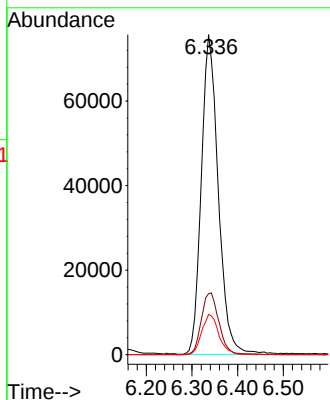
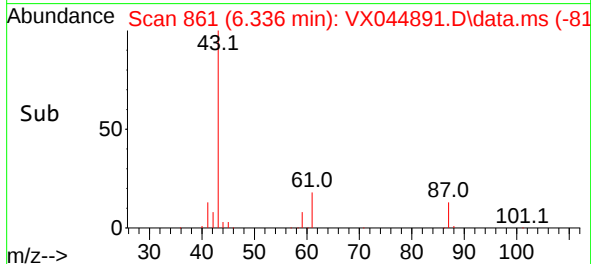
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



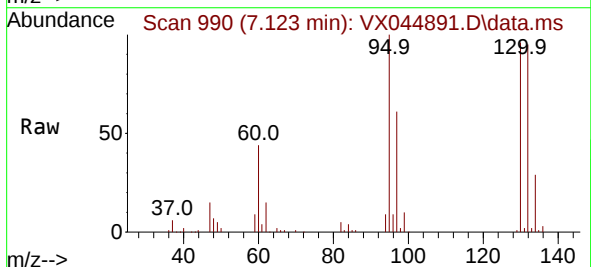
Tgt Ion: 43 Resp: 194720
Ion Ratio Lower Upper
43 100
61 20.1 15.8 23.8
87 12.6 10.0 15.0

Manual Integrations
APPROVED

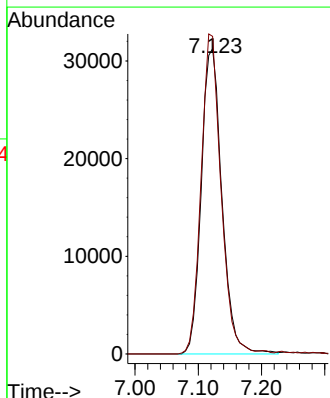
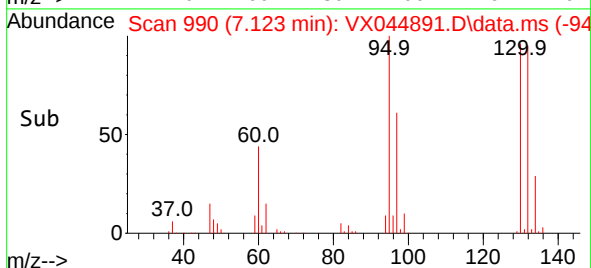
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

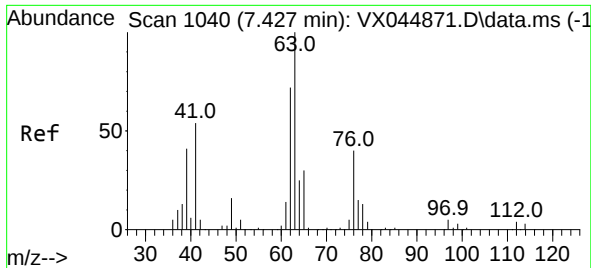


#44
Trichloroethene
Concen: 49.266 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



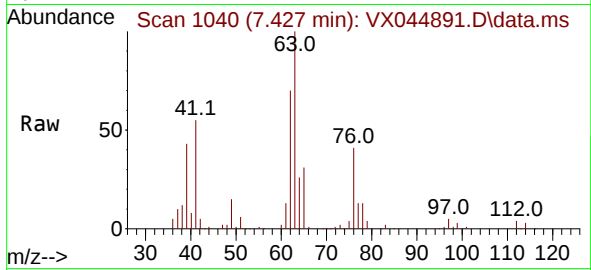
Tgt Ion:130 Resp: 71158
Ion Ratio Lower Upper
130 100
95 104.0 0.0 202.4





#45
1,2-Dichloropropane
Concen: 51.151 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

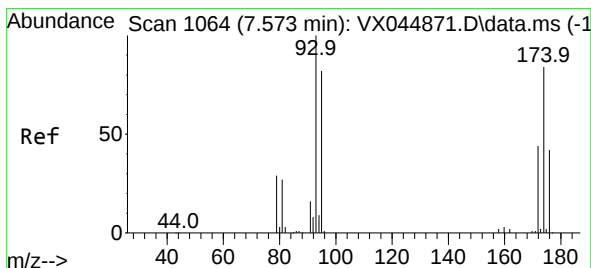
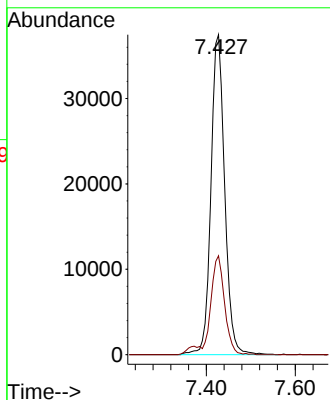
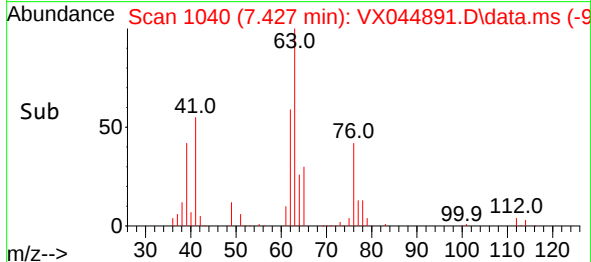
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 80414
Ion Ratio Lower Upper
63 100
65 30.9 24.2 36.4

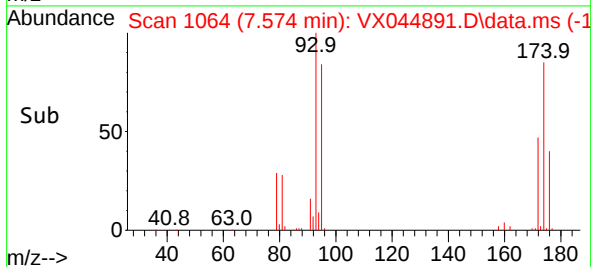
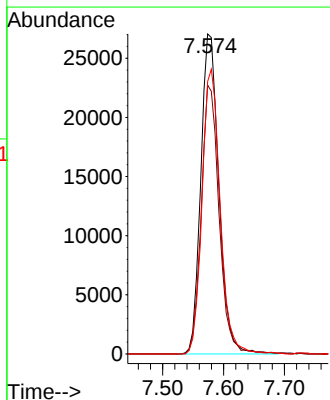
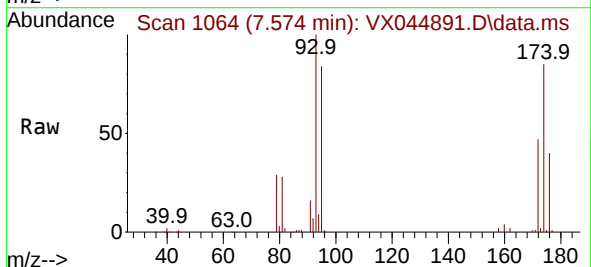
Manual Integrations
APPROVED

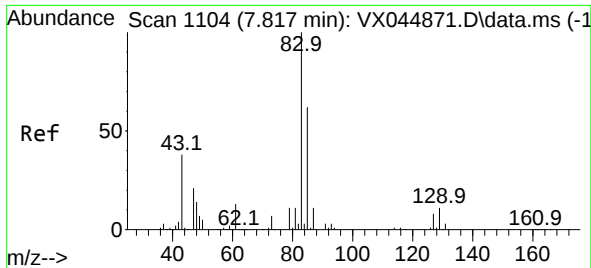
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#46
Dibromomethane
Concen: 51.296 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

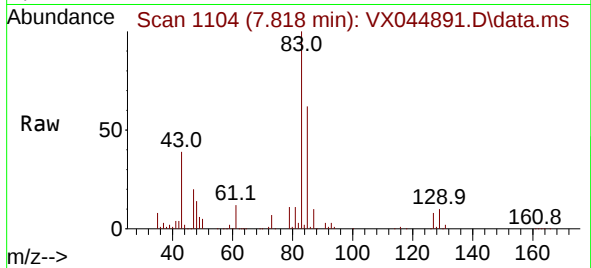
Tgt Ion: 93 Resp: 55925
Ion Ratio Lower Upper
93 100
95 82.9 66.2 99.4
174 88.7 69.9 104.9





#47
Bromodichloromethane
Concen: 52.204 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

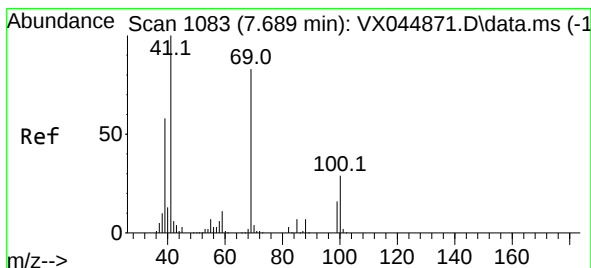
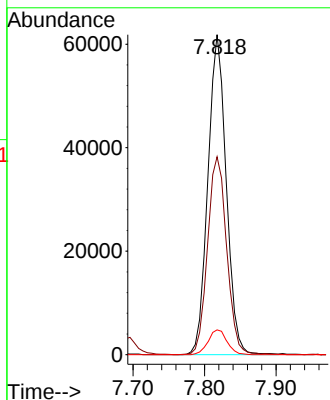
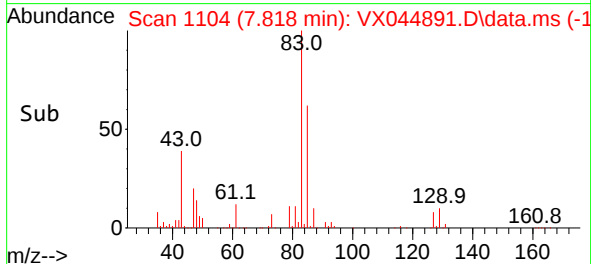
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11020
Ion Ratio Lower Upper
83 100
85 61.8 50.0 75.0
127 7.8 6.4 9.6

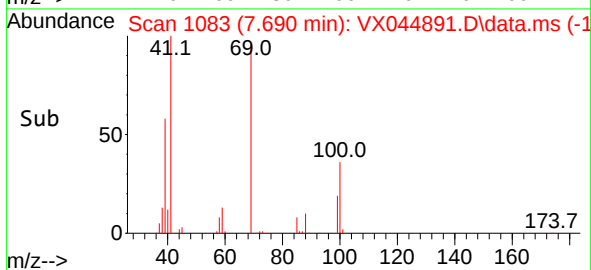
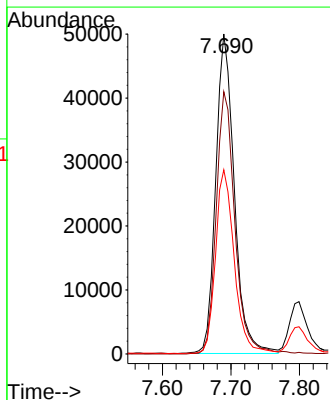
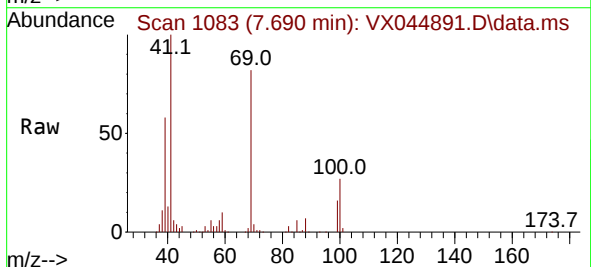
Manual Integrations
APPROVED

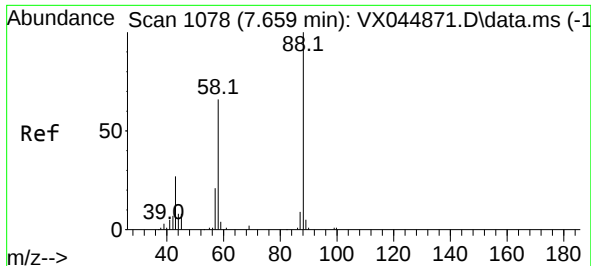
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#48
Methyl methacrylate
Concen: 54.789 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Tgt Ion: 41 Resp: 93901
Ion Ratio Lower Upper
41 100
69 82.6 65.8 98.8
39 58.1 46.4 69.6





#49

1,4-Dioxane

Concen: 1082.326 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 39798

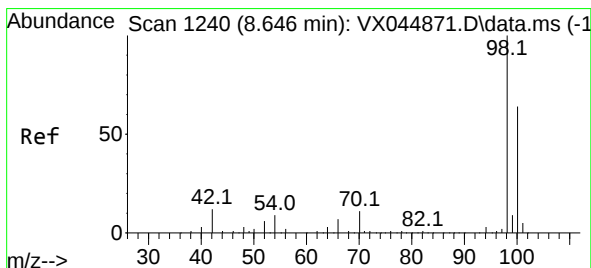
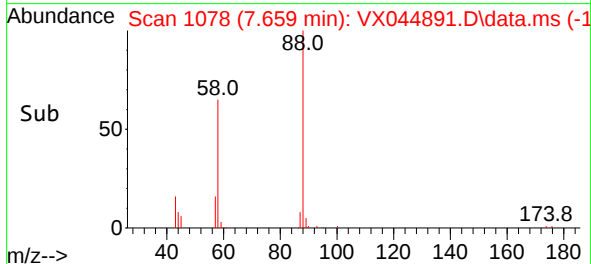
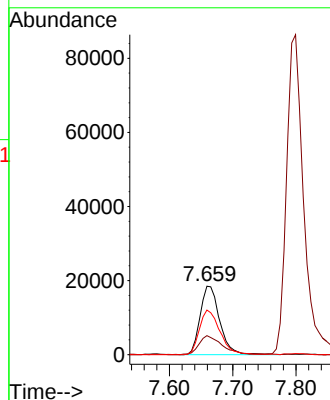
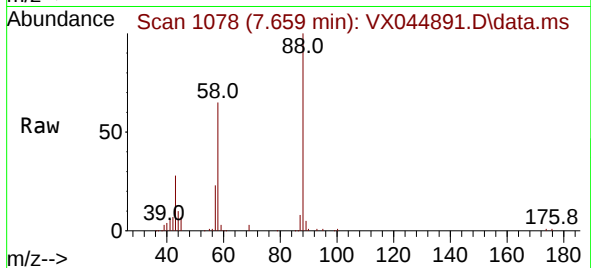
Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.6	39.8
58	68.1	55.9	83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#50

Toluene-d8

Concen: 44.684 ug/l

RT: 8.647 min Scan# 1240

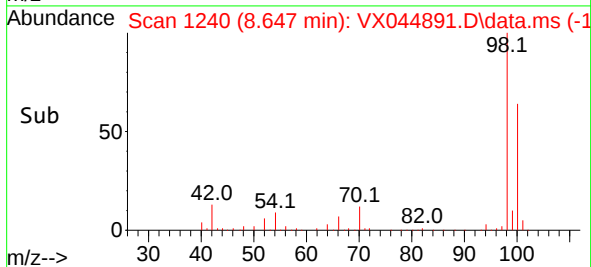
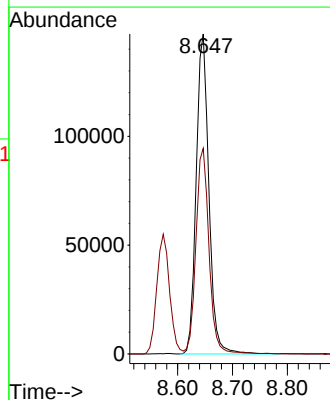
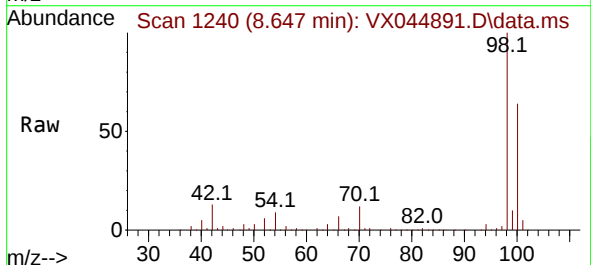
Delta R.T. 0.000 min

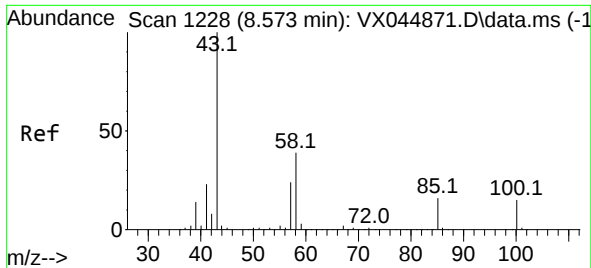
Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Tgt Ion: 98 Resp: 237006

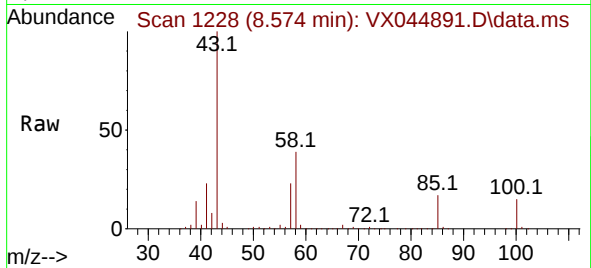
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.7	79.1





#51
4-Methyl-2-Pentanone
Concen: 276.156 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

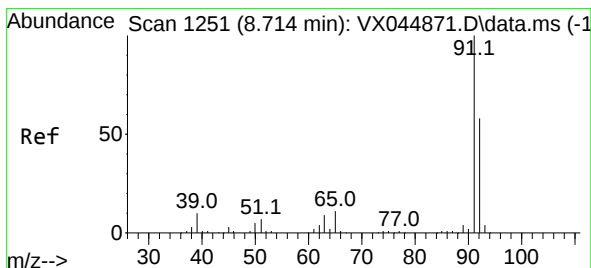
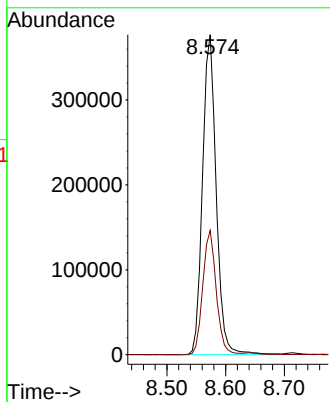
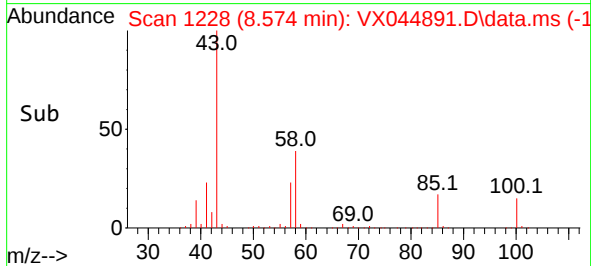
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 61024
Ion Ratio Lower Upper
43 100
58 38.3 30.8 46.2

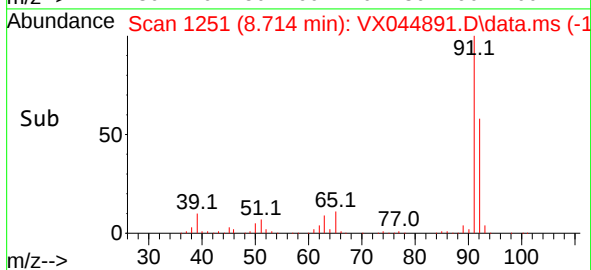
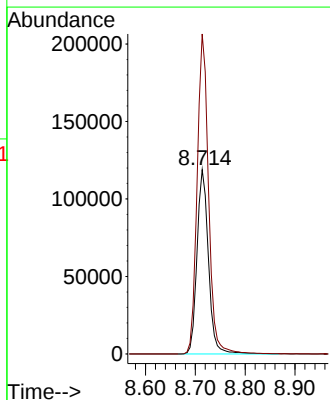
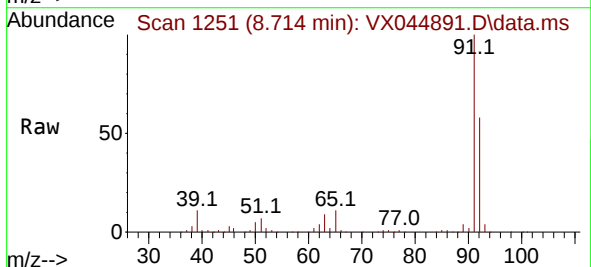
Manual Integrations
APPROVED

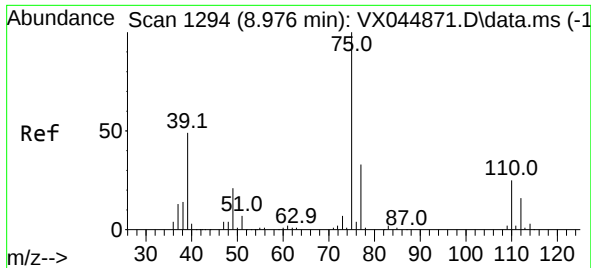
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#52
Toluene
Concen: 50.393 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

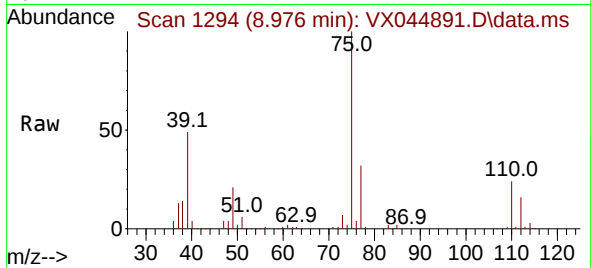
Tgt Ion: 92 Resp: 189645
Ion Ratio Lower Upper
92 100
91 172.9 137.4 206.2





#53
 t-1,3-Dichloropropene
 Concen: 51.740 ug/l
 RT: 8.976 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VX044891.D
 Acq: 10 Feb 2025 19:32

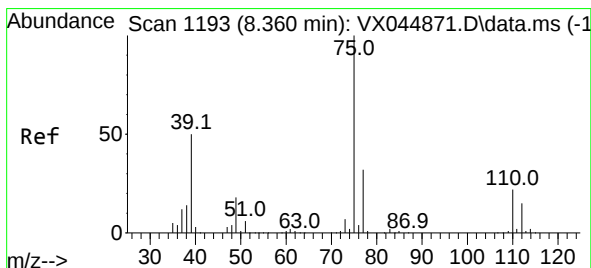
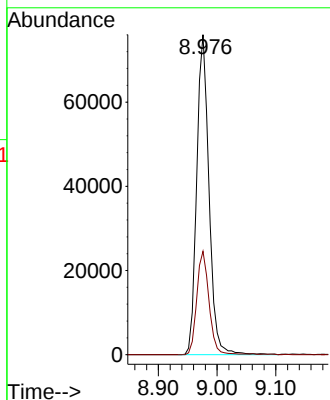
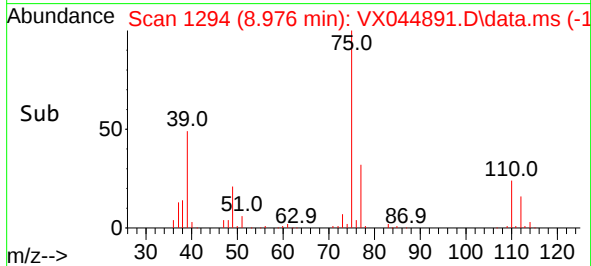
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



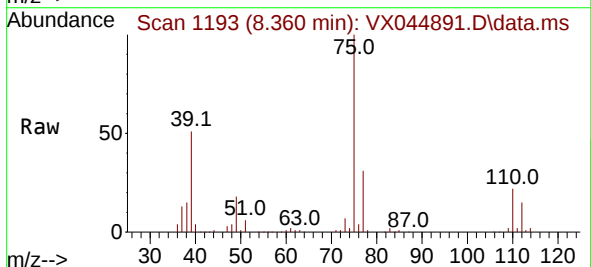
Tgt Ion: 75 Resp: 110530
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.0 39.0

Manual Integrations
 APPROVED

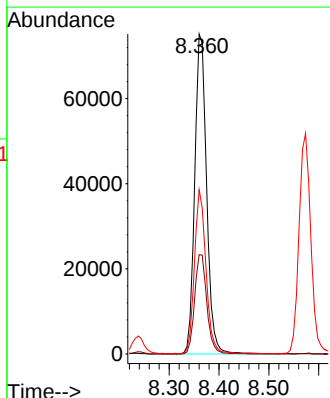
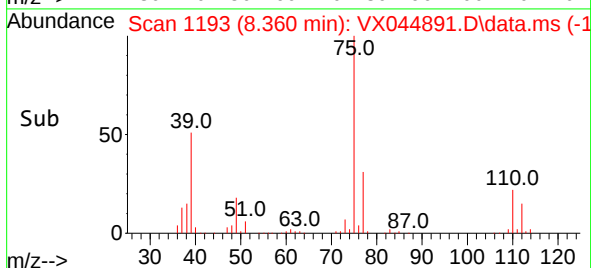
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

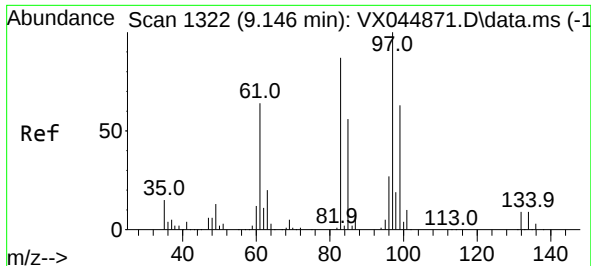


#54
 cis-1,3-Dichloropropene
 Concen: 52.280 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044891.D
 Acq: 10 Feb 2025 19:32



Tgt Ion: 75 Resp: 124522
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 51.1 40.0 60.0





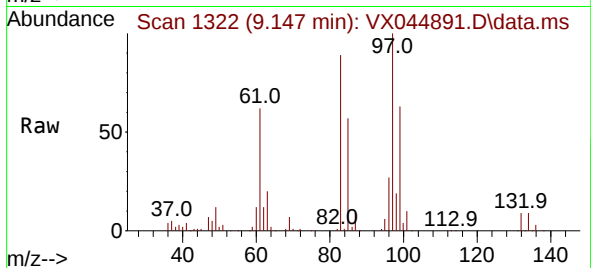
#55
1,1,2-Trichloroethane
Concen: 52.250 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



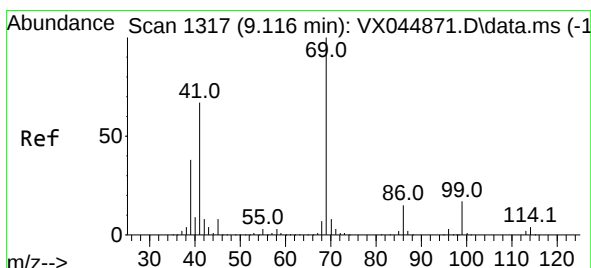
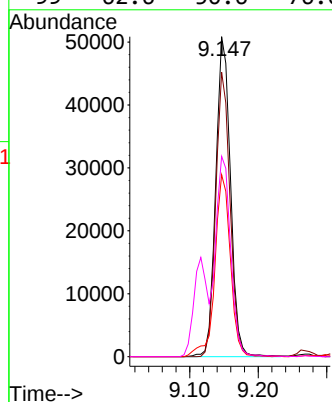
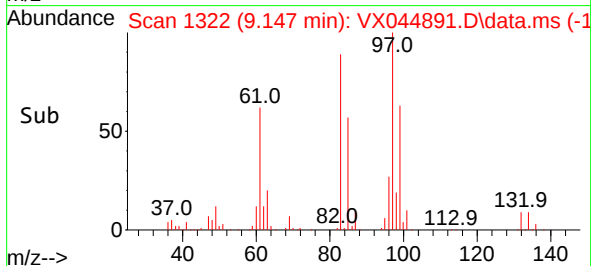
Tgt Ion: 97 Resp: 75589
Ion Ratio Lower Upper
97 100
83 88.9 69.8 104.6
85 56.8 44.8 67.2
99 62.6 50.6 76.0

Manual Integrations

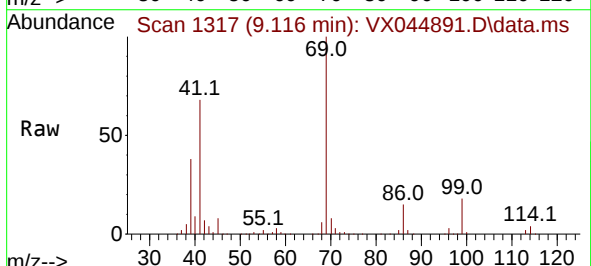
APPROVED

Reviewed By :John Carlone 02/11/2025

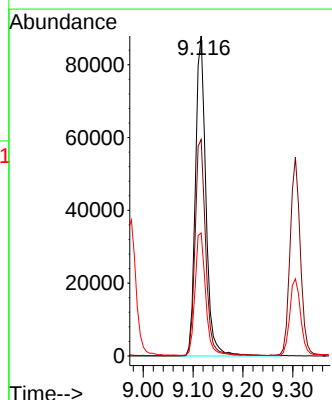
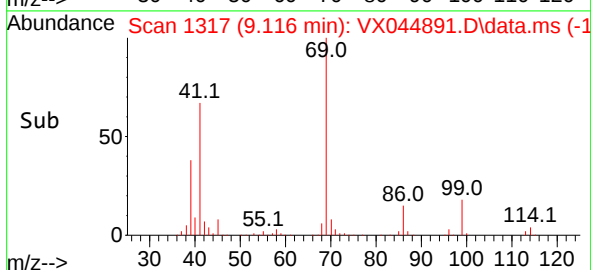
Supervised By :Mahesh Dadoda 02/11/2025

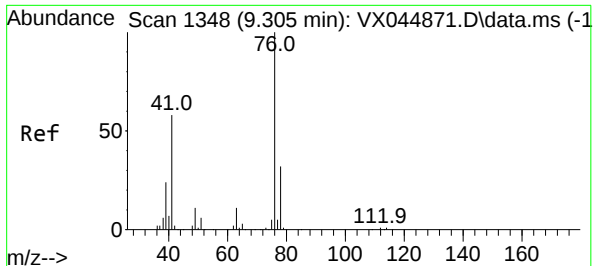


#56
Ethyl methacrylate
Concen: 54.857 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



Tgt Ion: 69 Resp: 128175
Ion Ratio Lower Upper
69 100
41 68.6 55.2 82.8
39 38.7 30.8 46.2





#57

1,3-Dichloropropane

Concen: 52.155 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13201

Ion Ratio Lower Upper

76 100

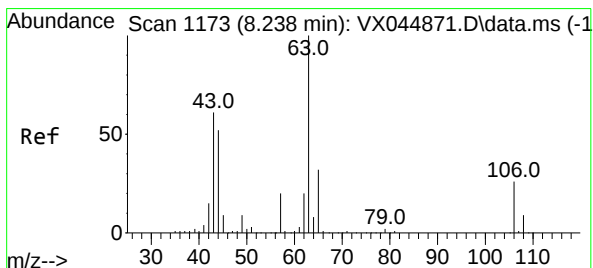
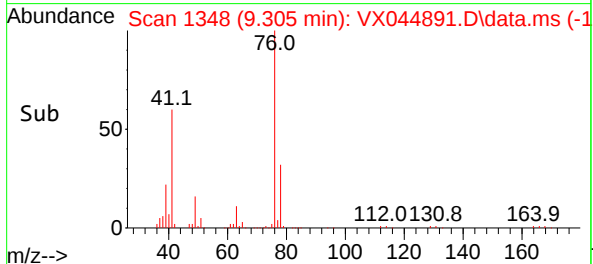
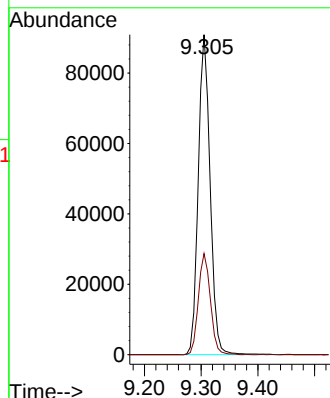
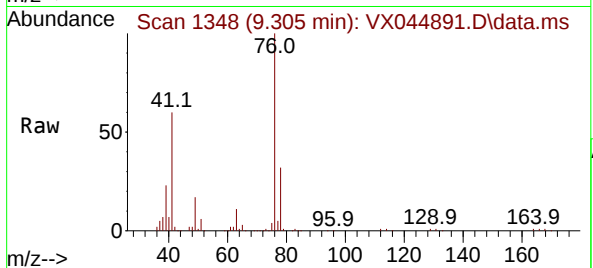
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 284.305 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044891.D

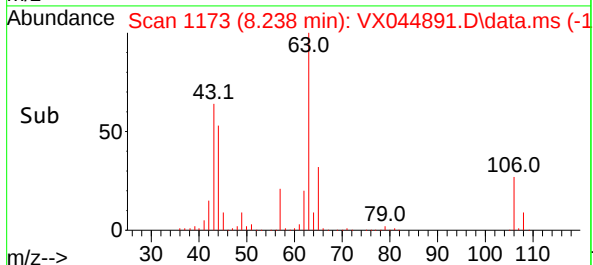
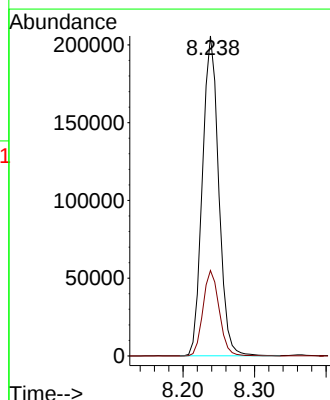
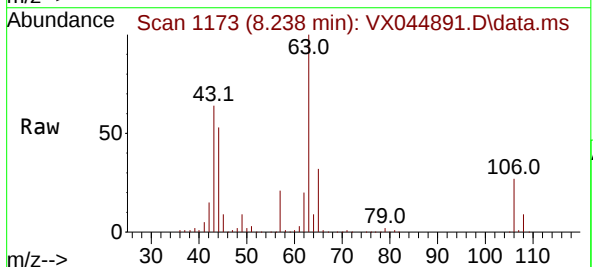
Acq: 10 Feb 2025 19:32

Tgt Ion: 63 Resp: 326171

Ion Ratio Lower Upper

63 100

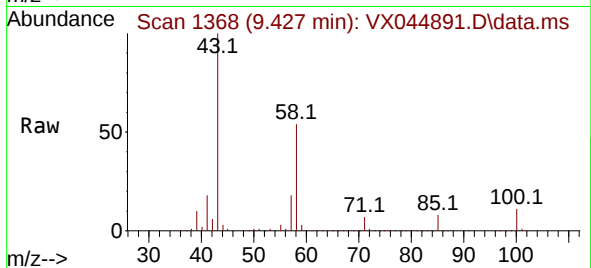
106 26.6 21.3 31.9





#59
2-Hexanone
Concen: 279.774 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

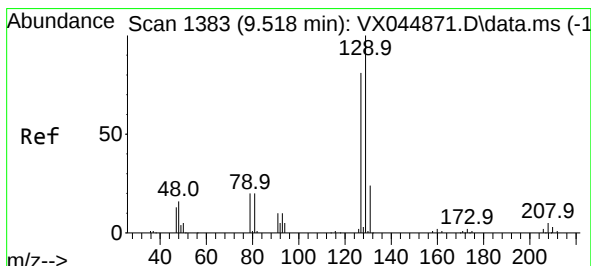
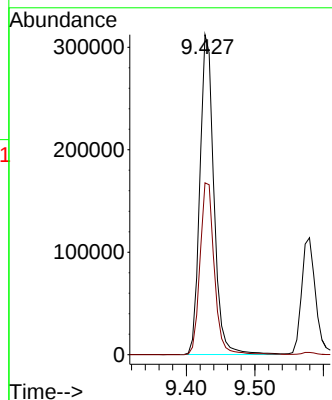
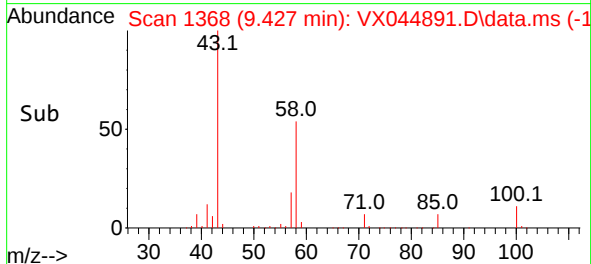
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 445449
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.4

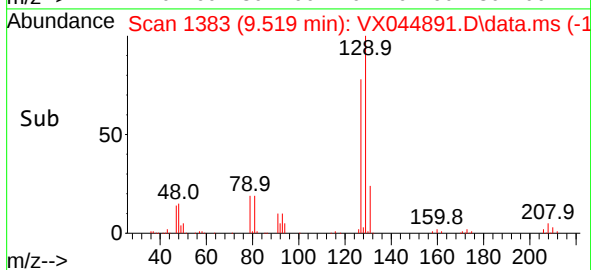
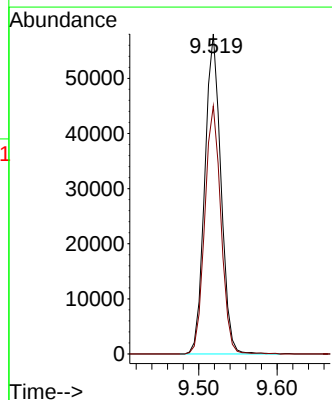
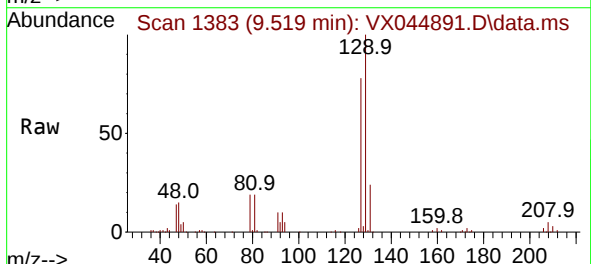
Manual Integrations
APPROVED

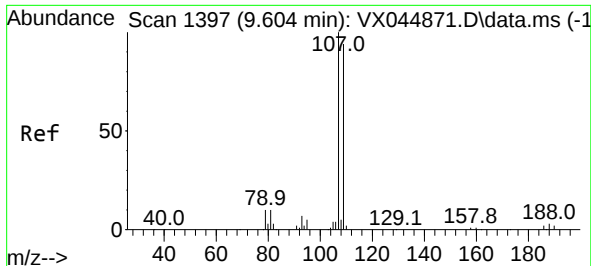
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#60
Dibromochloromethane
Concen: 53.511 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

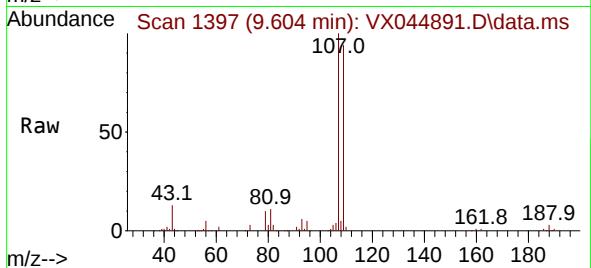
Tgt Ion:129 Resp: 82791
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3





#61
1,2-Dibromoethane
Concen: 53.105 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

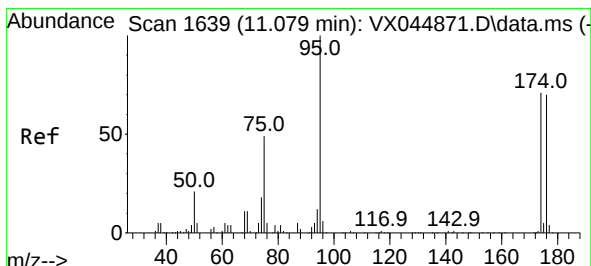
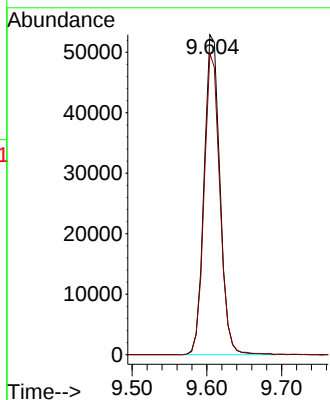
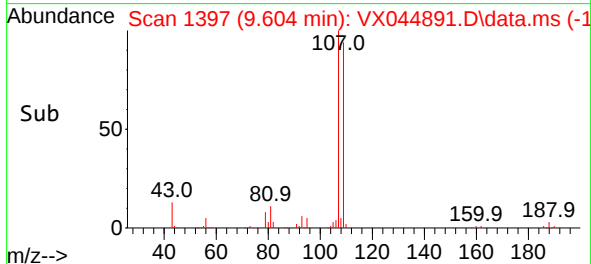
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 77860
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9

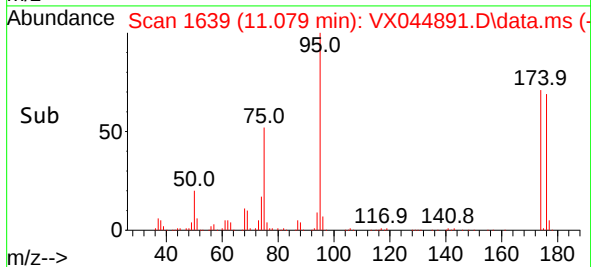
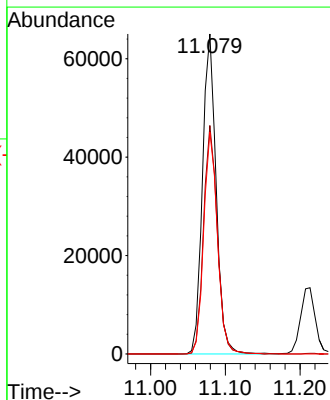
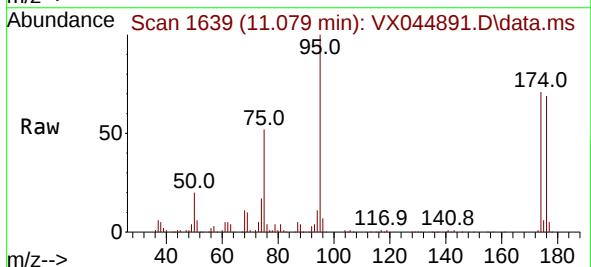
Manual Integrations
APPROVED

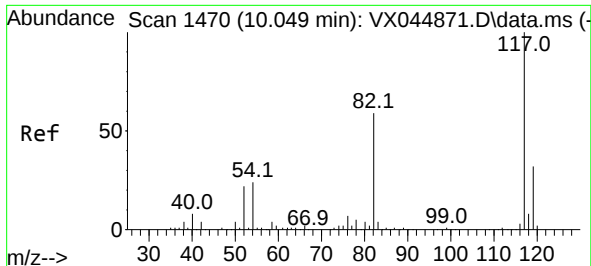
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#62
4-Bromofluorobenzene
Concen: 46.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

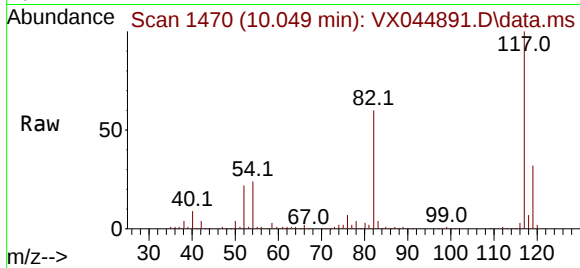
Tgt Ion: 95 Resp: 82358
Ion Ratio Lower Upper
95 100
174 72.0 0.0 142.6
176 69.8 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

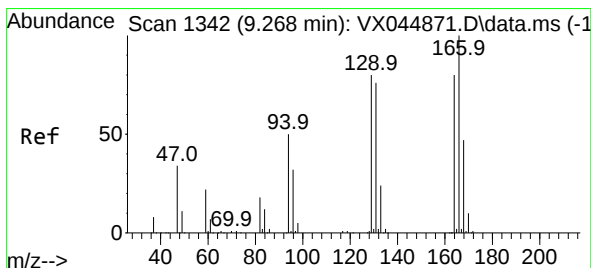
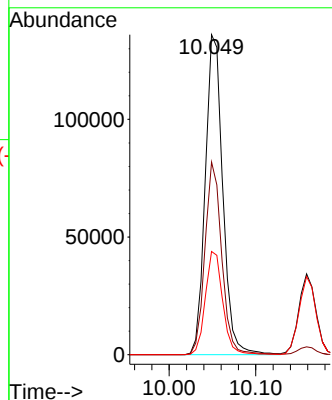
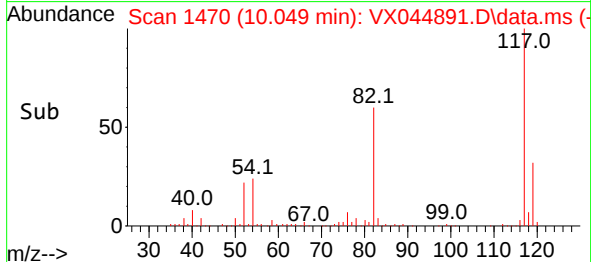
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 191319
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 32.3 25.4 38.0

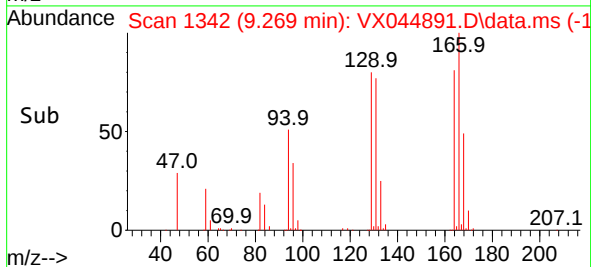
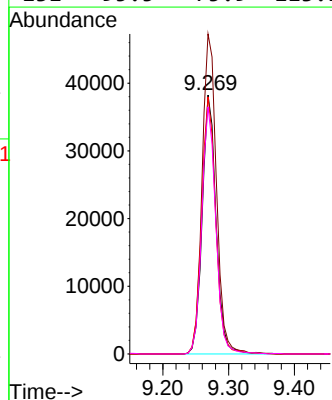
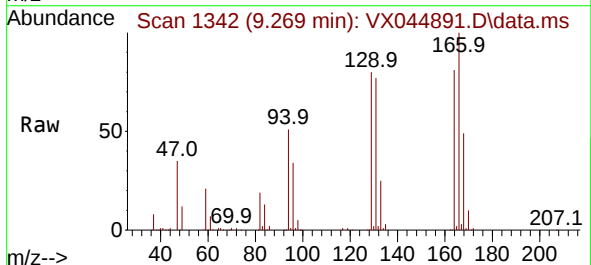
Manual Integrations
APPROVED

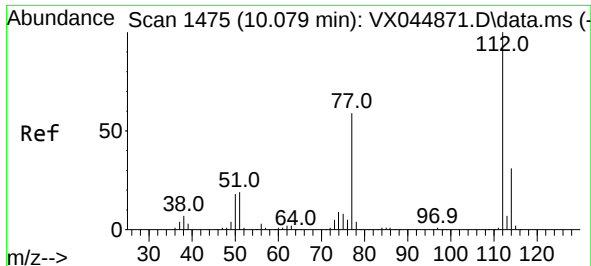
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#64
Tetrachloroethene
Concen: 46.418 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

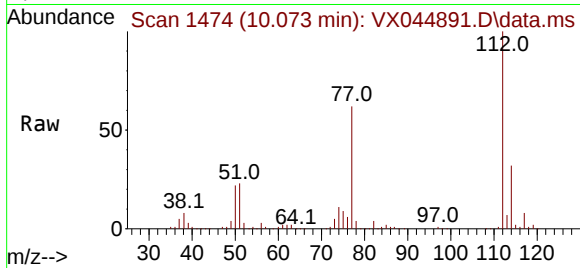
Tgt Ion:164 Resp: 56005
Ion Ratio Lower Upper
164 100
166 123.6 100.4 150.6
129 99.3 79.9 119.9
131 95.5 75.9 113.9





#65
Chlorobenzene
Concen: 50.193 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

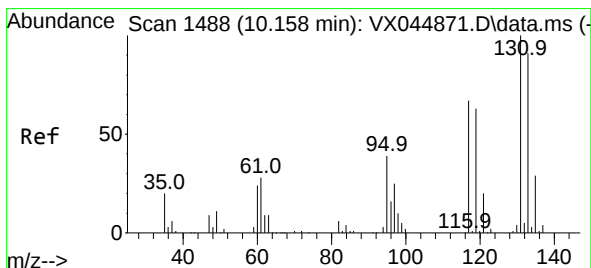
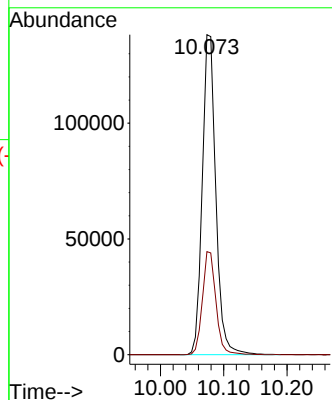
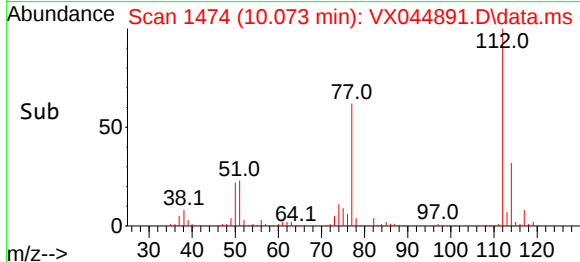
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



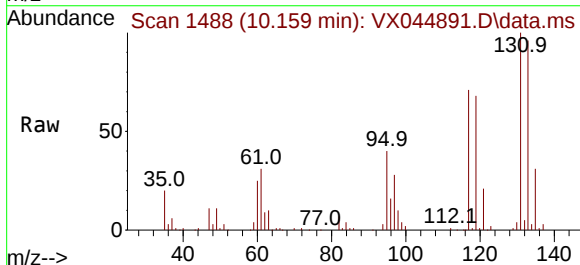
Tgt Ion:112 Resp: 206250
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6

Manual Integrations
APPROVED

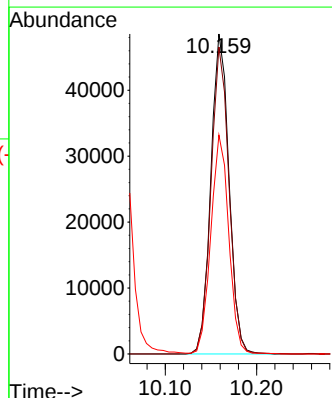
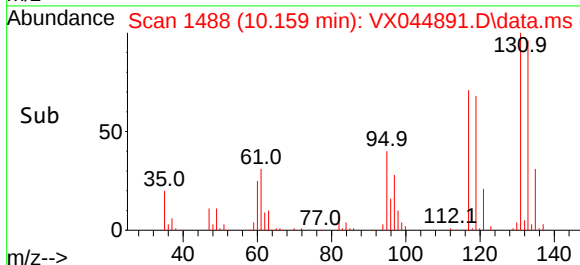
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

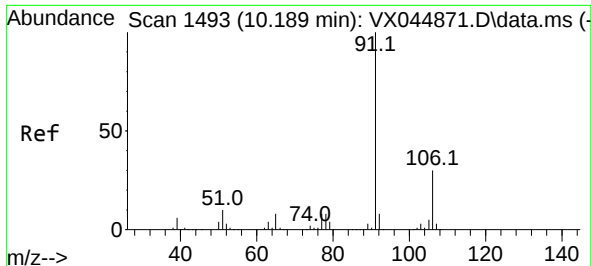


#66
1,1,1,2-Tetrachloroethane
Concen: 50.438 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



Tgt Ion:131 Resp: 66711
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 67.9 33.6 100.6





#67

Ethyl Benzene

Concen: 50.082 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 36317

Ion Ratio Lower Upper

91 100

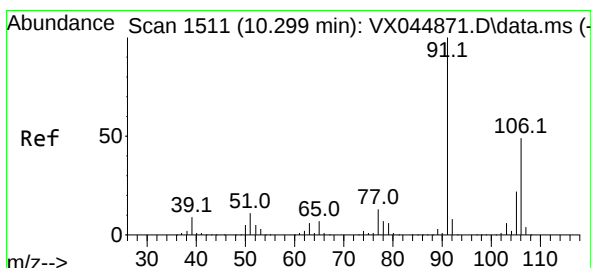
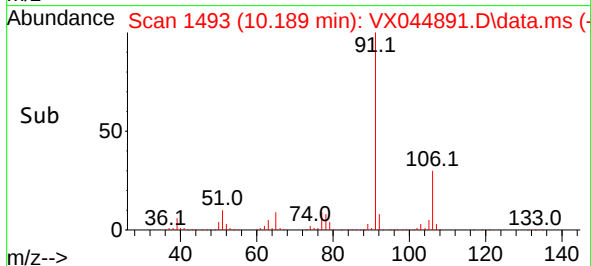
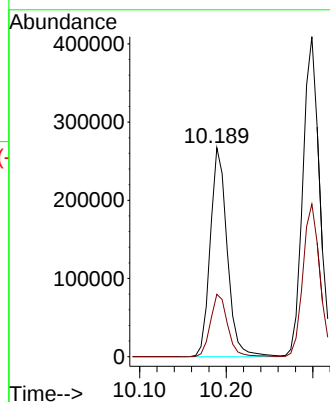
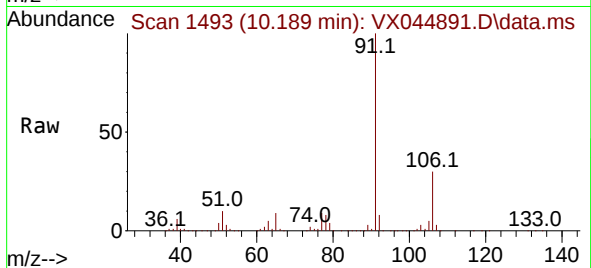
106 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#68

m/p-Xylenes

Concen: 100.639 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044891.D

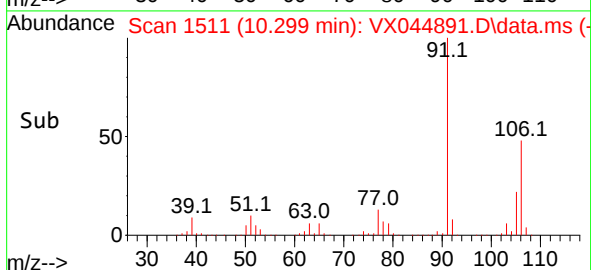
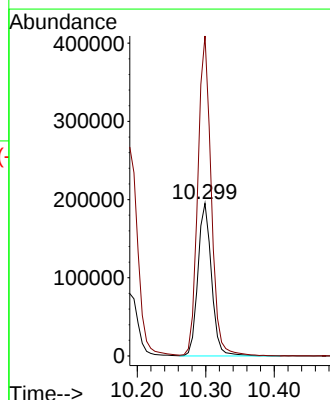
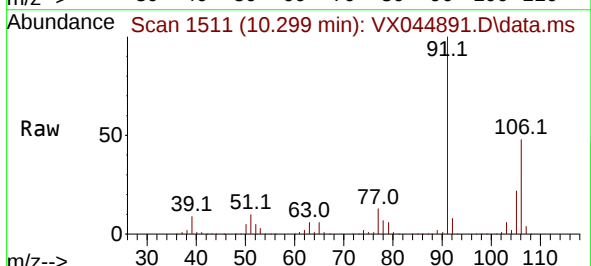
Acq: 10 Feb 2025 19:32

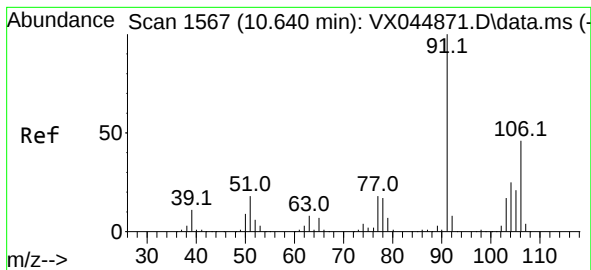
Tgt Ion:106 Resp: 269208

Ion Ratio Lower Upper

106 100

91 206.8 164.3 246.5





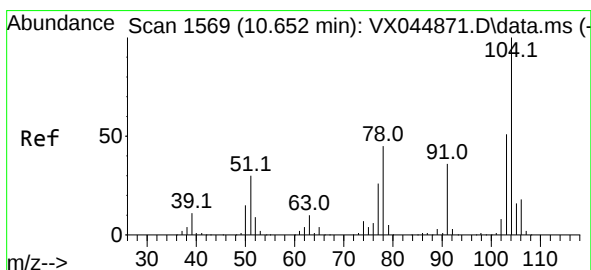
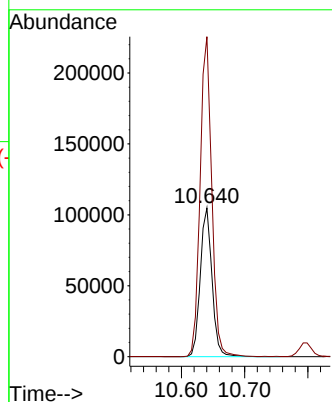
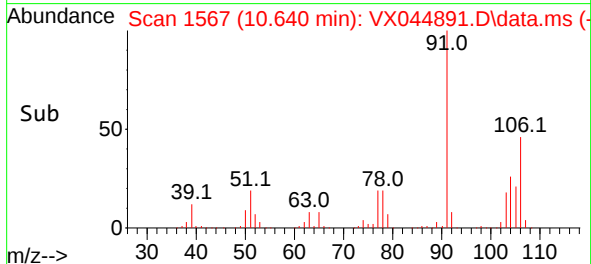
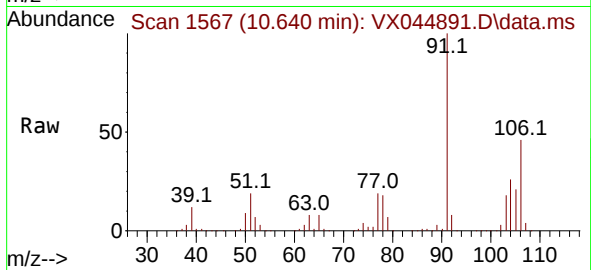
#69
o-Xylene
Concen: 50.390 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 135252
Ion Ratio Lower Upper
106 100
91 214.1 108.5 325.5

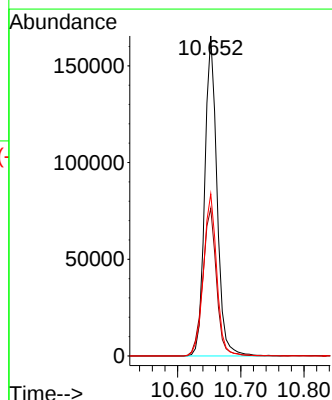
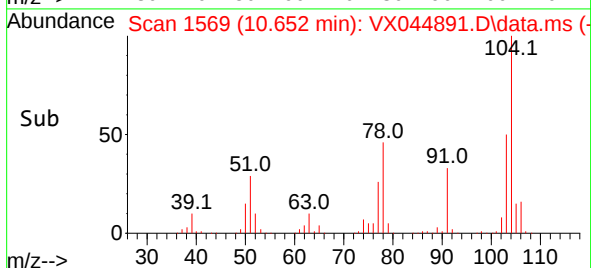
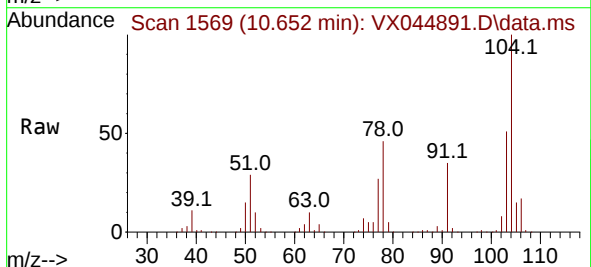
Manual Integrations
APPROVED

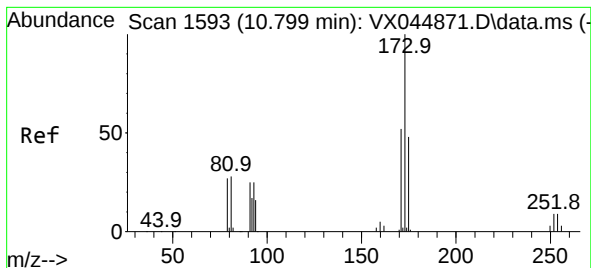
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#70
Styrene
Concen: 51.714 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Tgt Ion:104 Resp: 223631
Ion Ratio Lower Upper
104 100
78 51.3 40.5 60.7
103 54.7 43.6 65.4





#71

Bromoform

Concen: 52.331 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

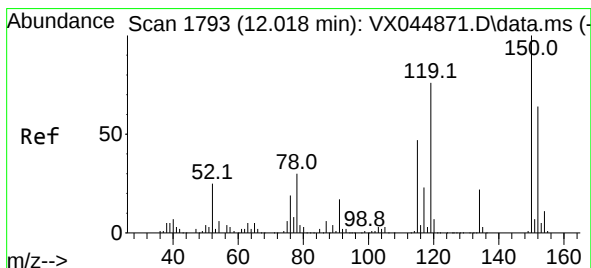
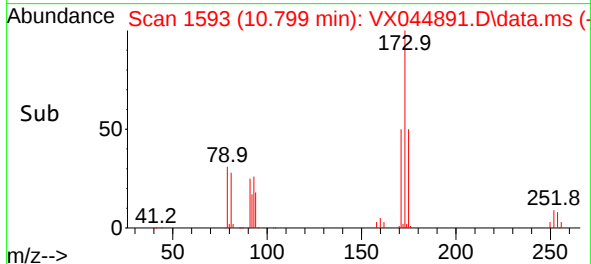
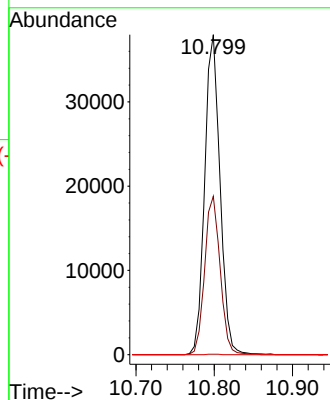
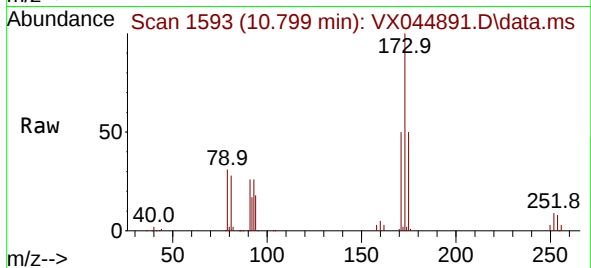
Tgt Ion:173 Resp: 5165
 Ion Ratio Lower Upper
 173 100
 175 49.8 24.3 72.8
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

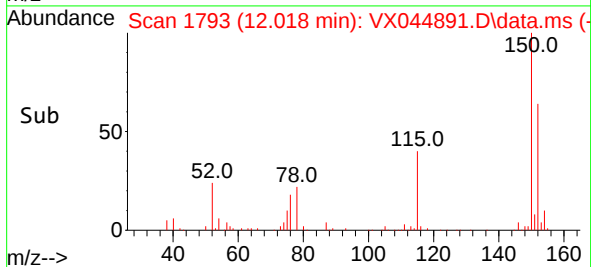
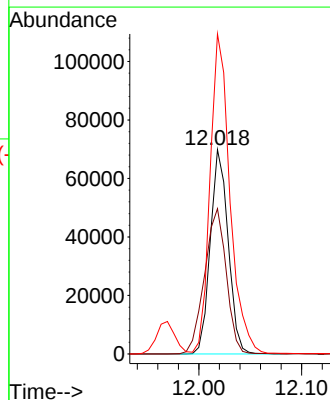
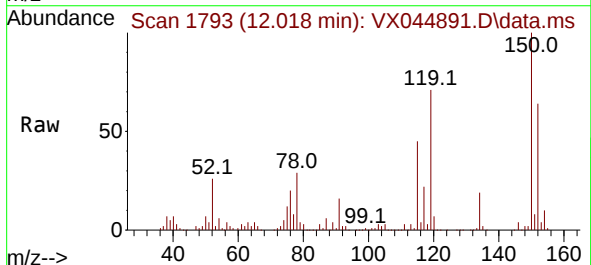
RT: 12.018 min Scan# 1793

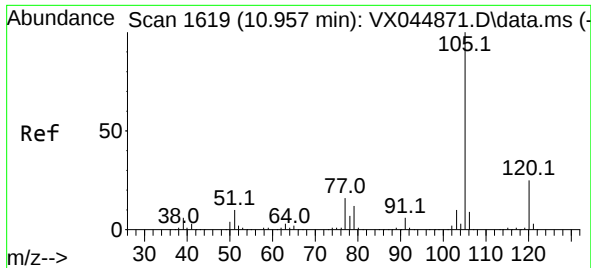
Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Tgt Ion:152 Resp: 84289
 Ion Ratio Lower Upper
 152 100
 115 86.7 43.4 130.1
 150 173.8 0.0 350.4





#73
Isopropylbenzene
Concen: 49.928 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

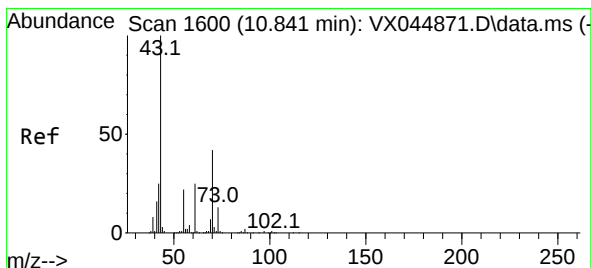
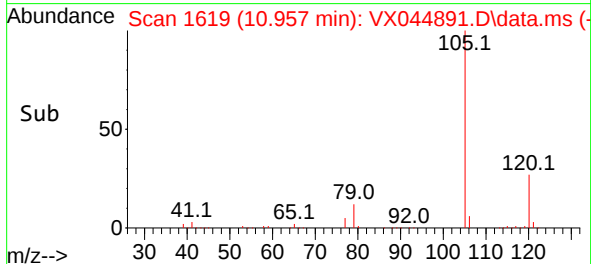
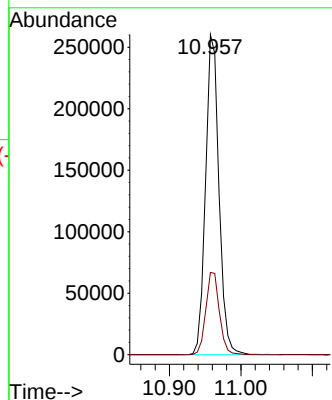
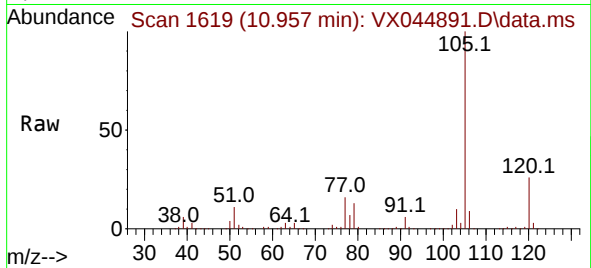
VSTDCCC050EC

Tgt Ion:105 Resp: 33885
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

Manual Integrations

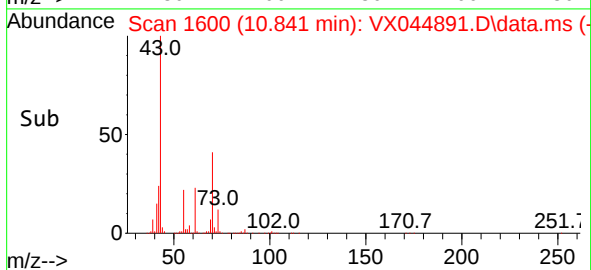
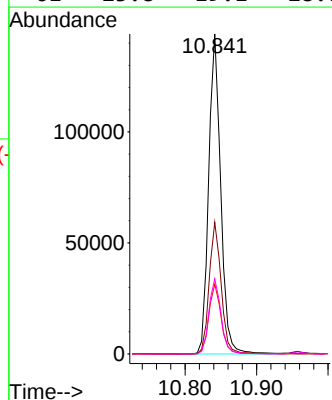
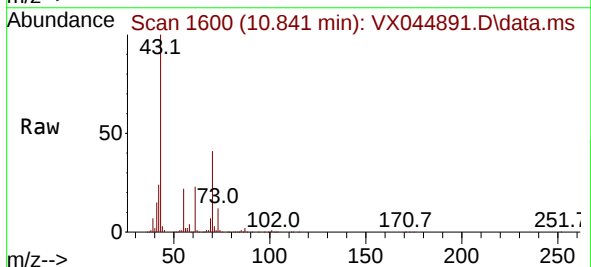
APPROVED

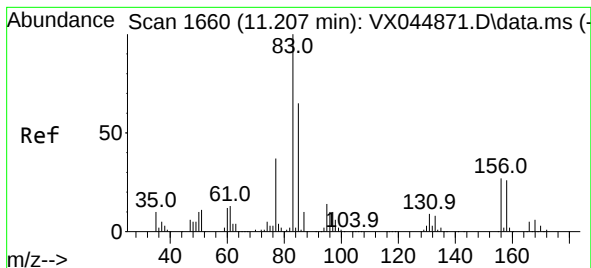
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#74
N-ethyl acetate
Concen: 54.857 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Tgt Ion: 43 Resp: 168475
Ion Ratio Lower Upper
43 100
70 41.2 33.7 50.5
55 22.3 18.6 27.8
61 23.8 19.1 28.7





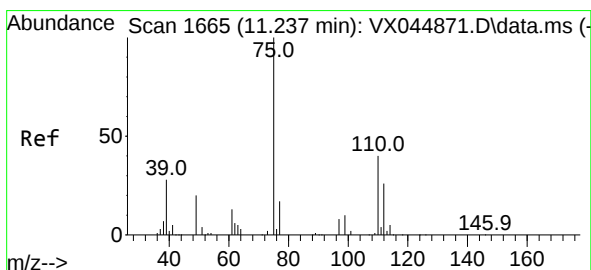
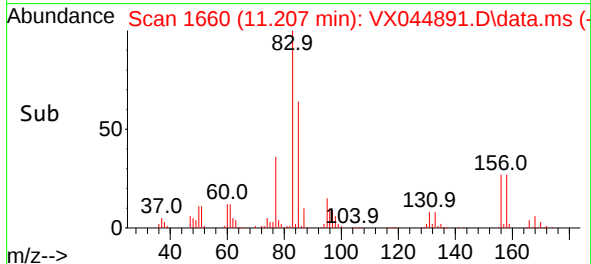
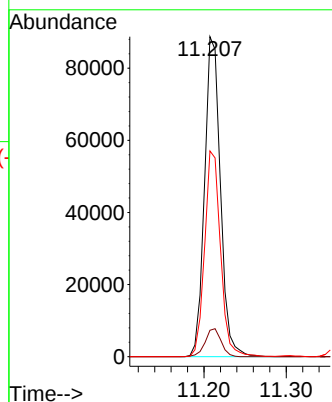
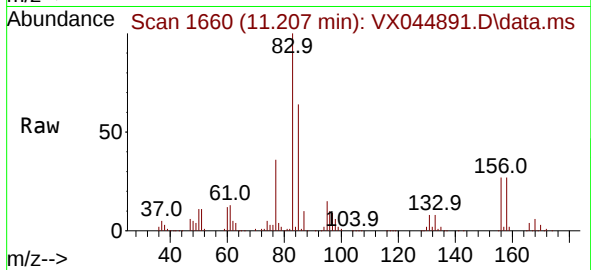
#75
1,1,2,2-Tetrachloroethane
Concen: 51.129 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 11924
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.5
85 64.3 32.3 96.8

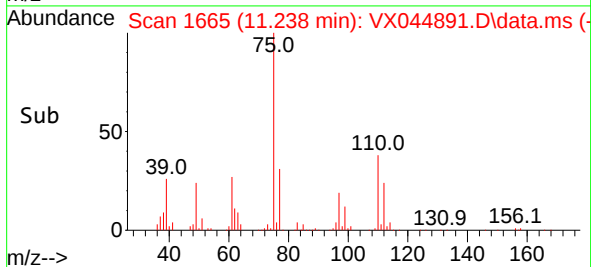
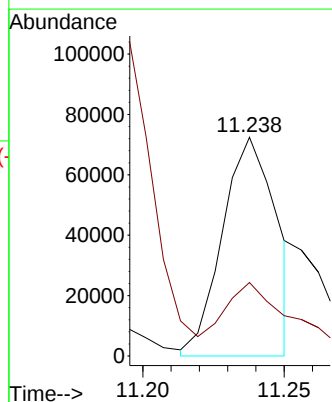
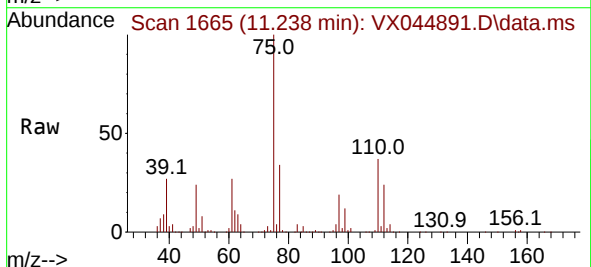
Manual Integrations
APPROVED

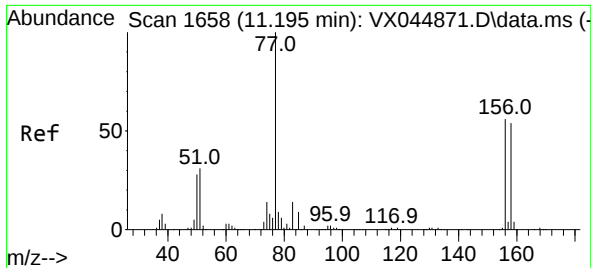
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#76
1,2,3-Trichloropropane
Concen: 51.489 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

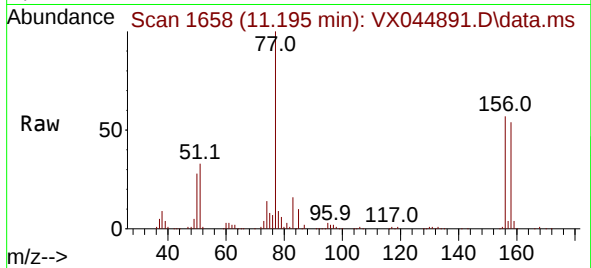
Tgt Ion: 75 Resp: 96224
Ion Ratio Lower Upper
75 100
77 43.2 21.9 65.7





#77
Bromobenzene
Concen: 50.436 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

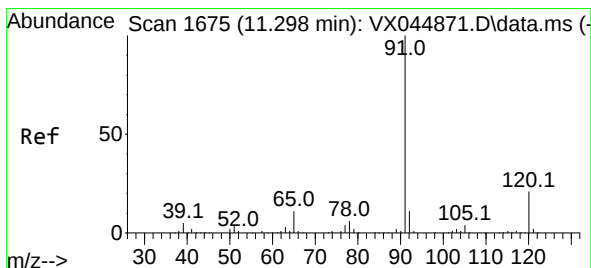
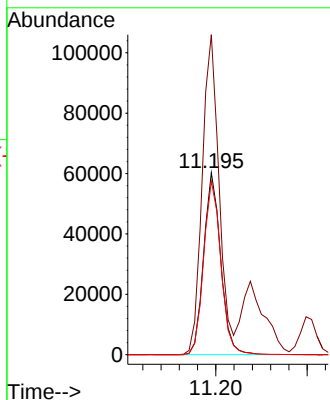
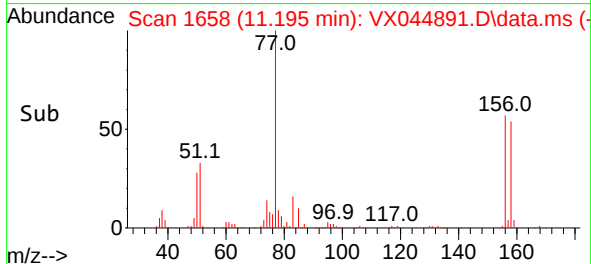
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



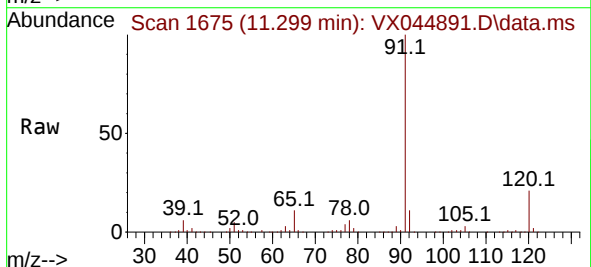
Tgt Ion:156 Resp: 77600
Ion Ratio Lower Upper
156 100
77 174.5 88.4 265.3
158 97.0 48.4 145.2

Manual Integrations
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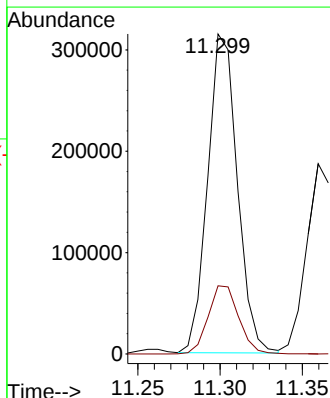
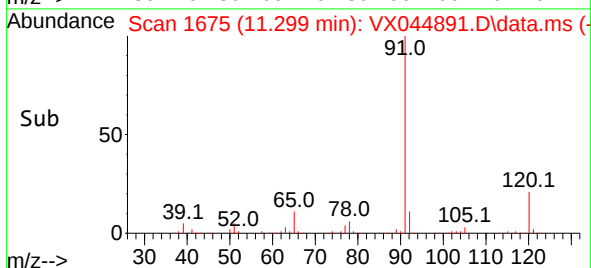
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#78
n-propylbenzene
Concen: 50.408 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



Tgt Ion: 91 Resp: 394875
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





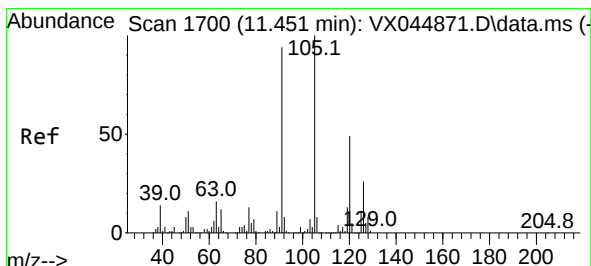
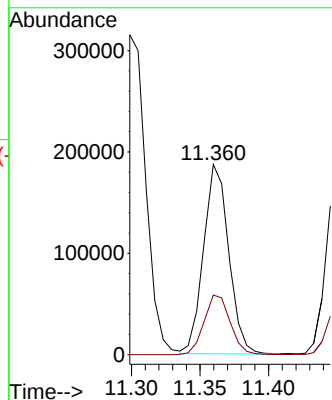
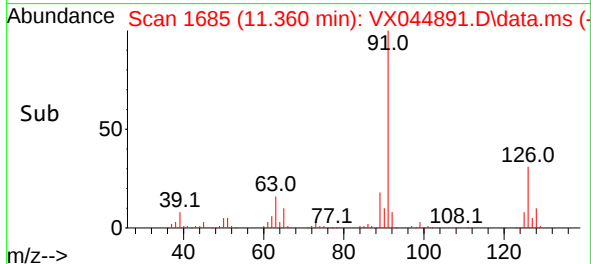
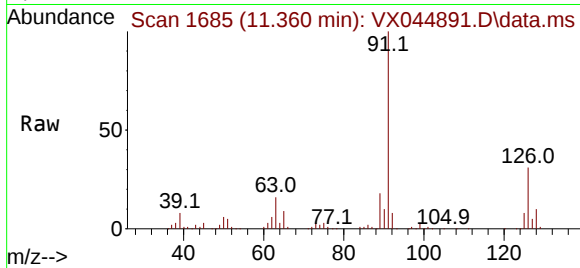
#79
2-Chlorotoluene
Concen: 49.597 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 238780
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

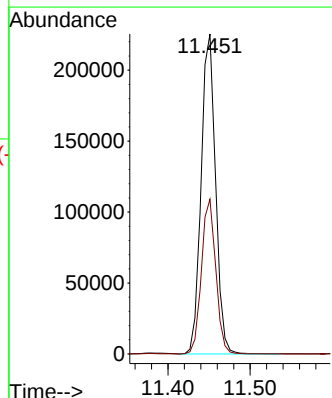
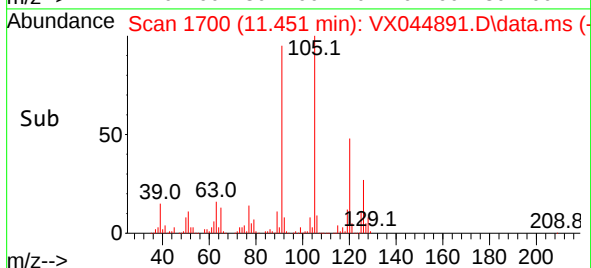
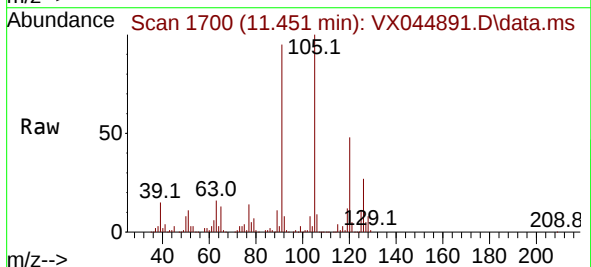
Manual Integrations
APPROVED

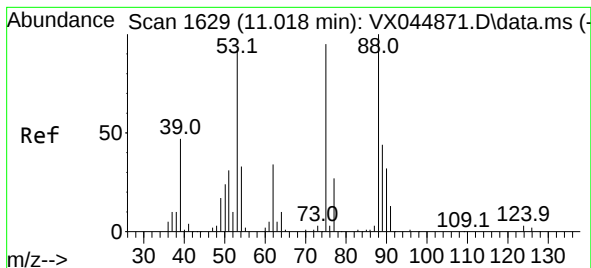
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.875 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Tgt Ion:105 Resp: 274691
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





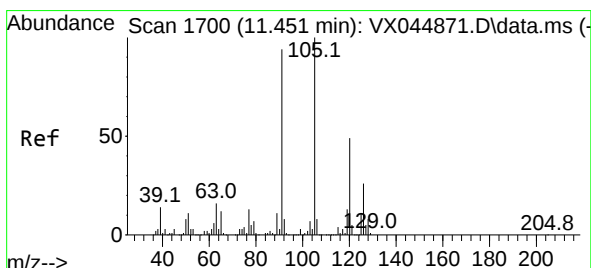
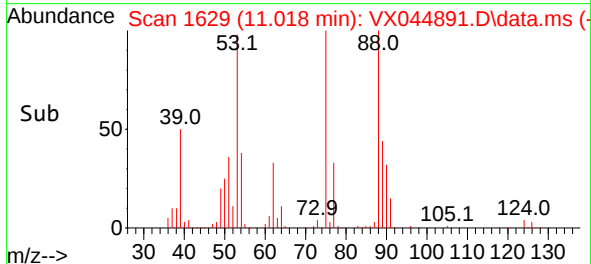
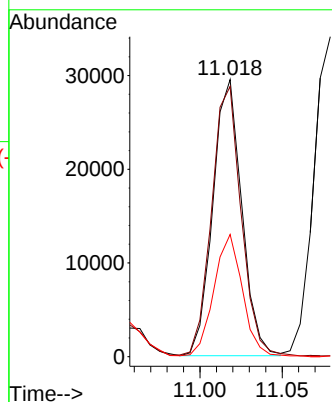
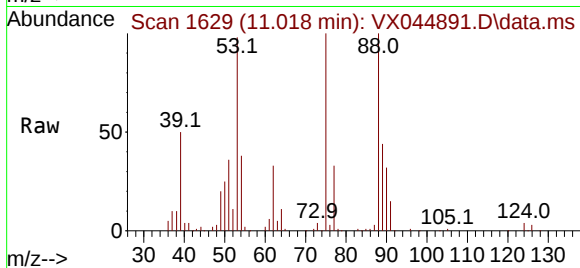
#81
trans-1,4-Dichloro-2-butene
Concen: 49.574 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 36015
Ion Ratio Lower Upper
75 100
53 101.5 78.0 117.0
89 44.0 36.6 54.8

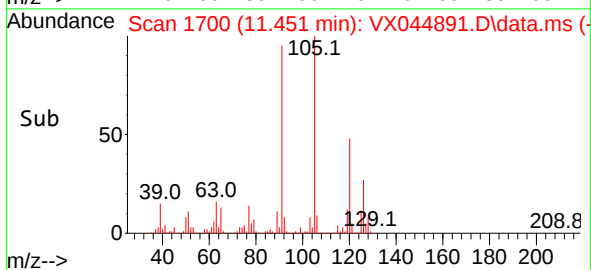
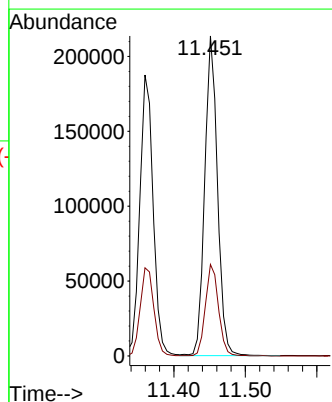
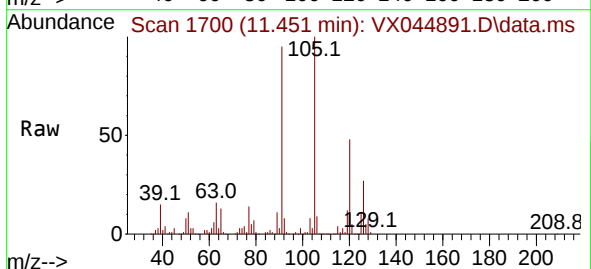
Manual Integrations
APPROVED

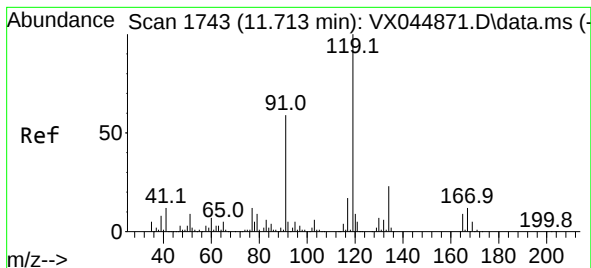
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#82
4-Chlorotoluene
Concen: 49.726 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

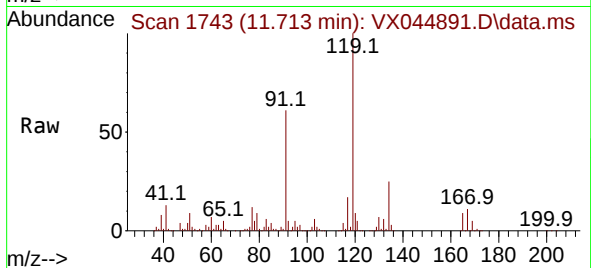
Tgt Ion: 91 Resp: 264864
Ion Ratio Lower Upper
91 100
126 29.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.764 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

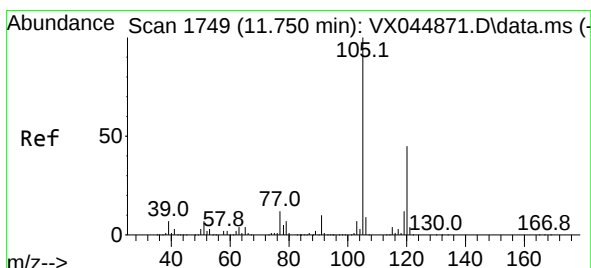
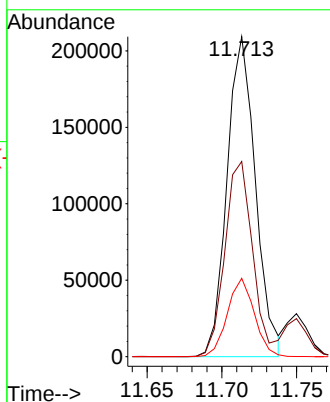
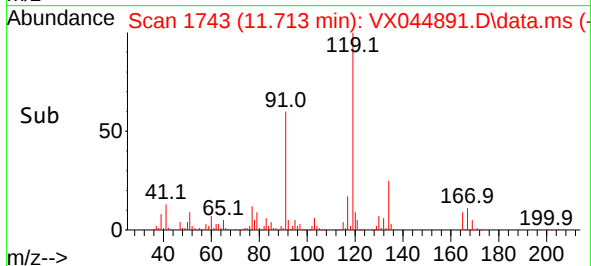
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



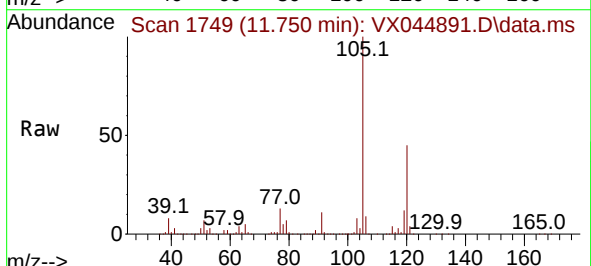
Tgt Ion:119 Resp: 27726
Ion Ratio Lower Upper
119 100
91 58.7 29.1 87.4
134 23.2 11.5 34.5

Manual Integrations
APPROVED

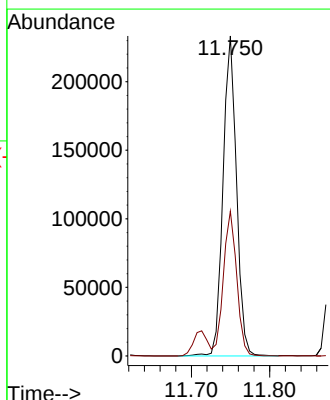
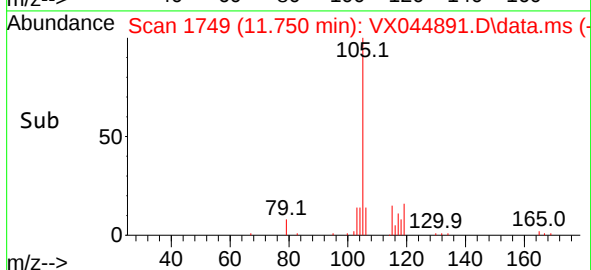
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

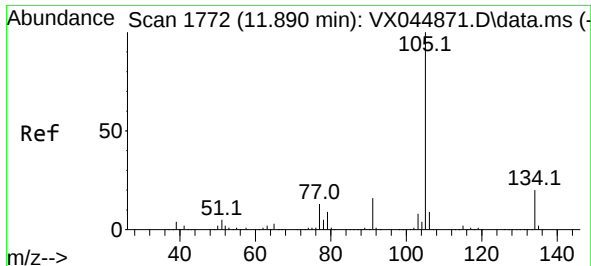


#84
1,2,4-Trimethylbenzene
Concen: 51.468 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



Tgt Ion:105 Resp: 279774
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0





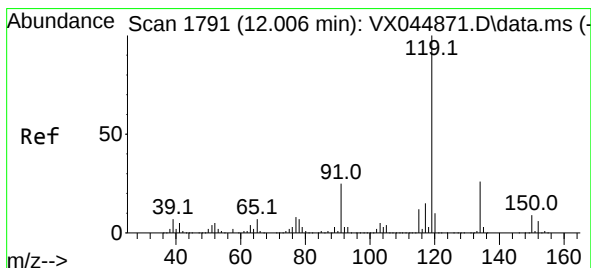
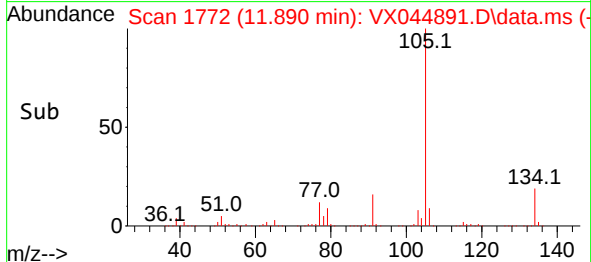
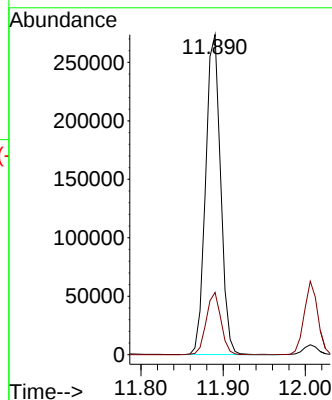
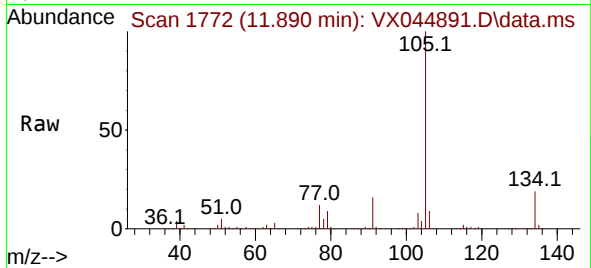
#85
 sec-Butylbenzene
 Concen: 50.095 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044891.D
 Acq: 10 Feb 2025 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 345620
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

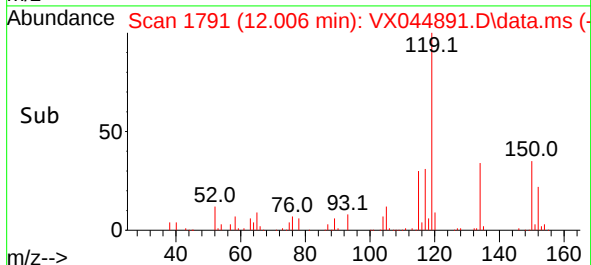
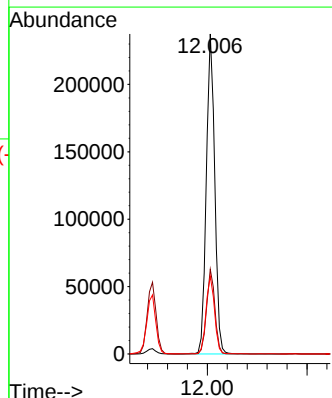
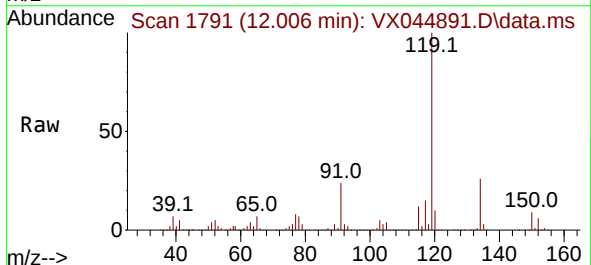
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#86
 p-Isopropyltoluene
 Concen: 50.257 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044891.D
 Acq: 10 Feb 2025 19:32

Tgt Ion:119 Resp: 278839
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.579 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 140288

Ion Ratio Lower Upper

146 100

111 42.6 21.2 63.6

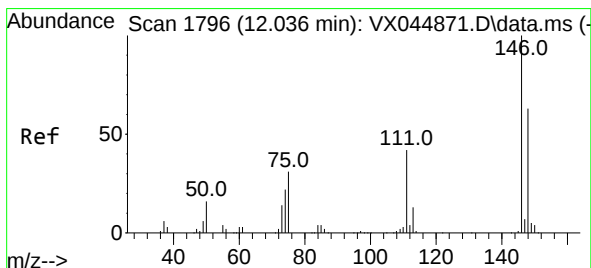
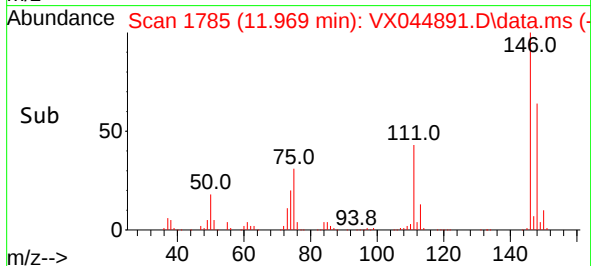
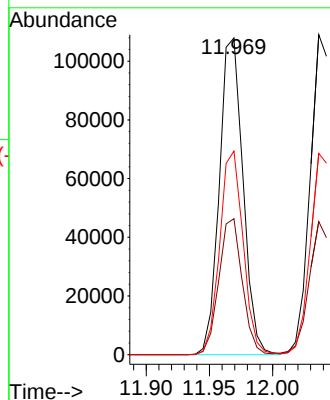
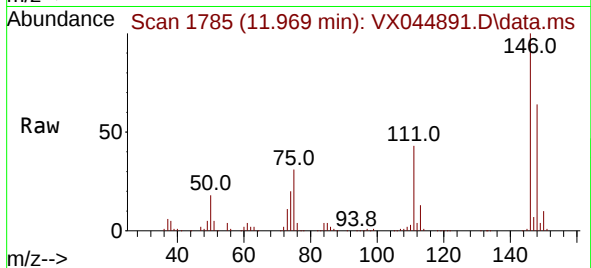
148 63.6 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#88

1,4-Dichlorobenzene

Concen: 49.077 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

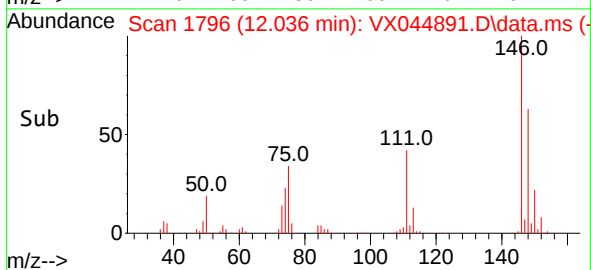
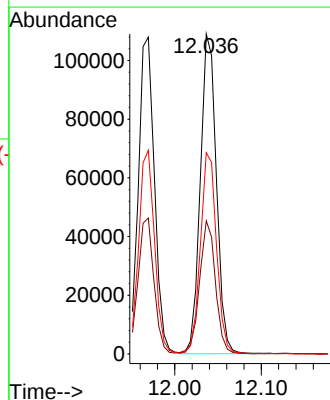
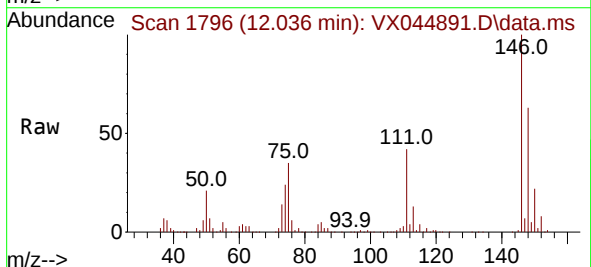
Tgt Ion:146 Resp: 140405

Ion Ratio Lower Upper

146 100

111 41.2 20.4 61.3

148 63.5 32.0 96.0





#89

n-Butylbenzene

Concen: 51.957 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

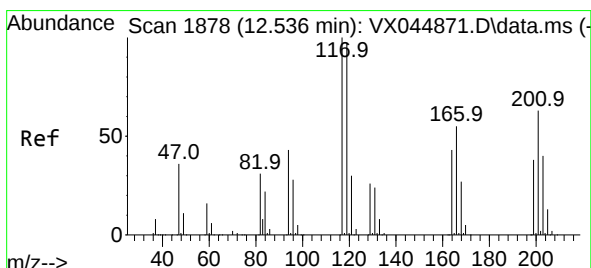
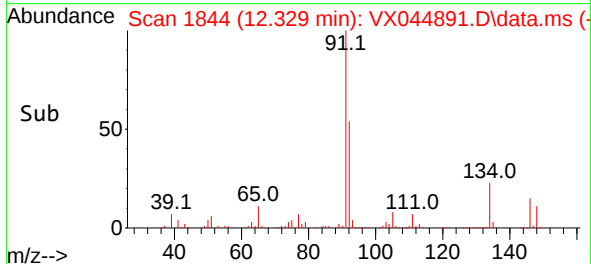
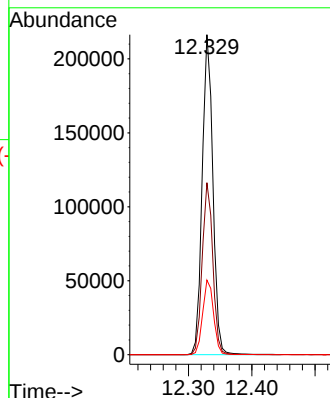
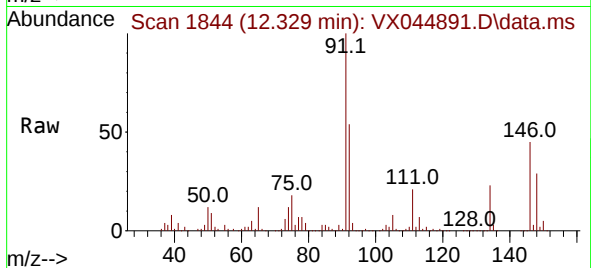
Tgt Ion: 91 Resp: 255034
 Ion Ratio Lower Upper
 91 100
 92 53.5 27.2 81.6
 134 23.9 12.1 36.3

Manual Integrations

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Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#90

Hexachloroethane

Concen: 49.962 ug/l

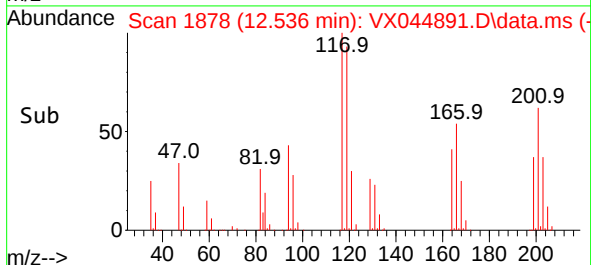
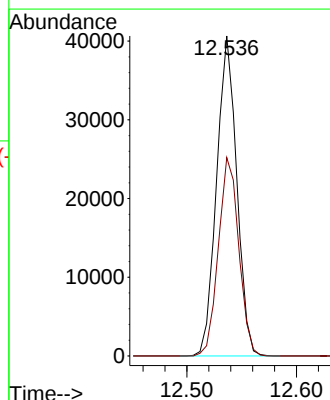
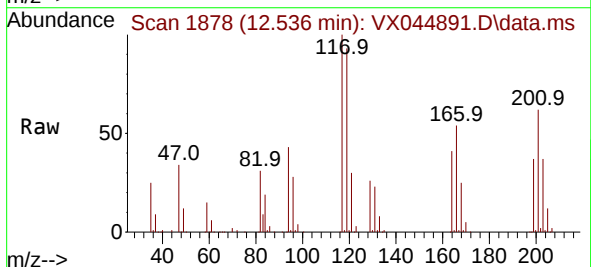
RT: 12.536 min Scan# 1878

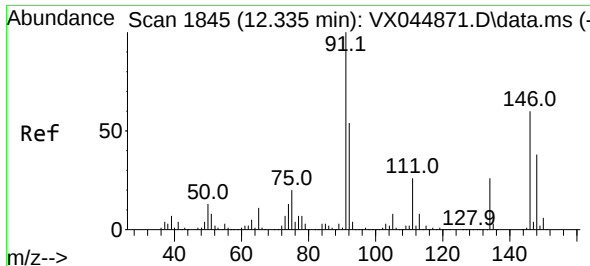
Delta R.T. 0.000 min

Lab File: VX044891.D

Acq: 10 Feb 2025 19:32

Tgt Ion:117 Resp: 51905
 Ion Ratio Lower Upper
 117 100
 201 62.8 32.5 97.5





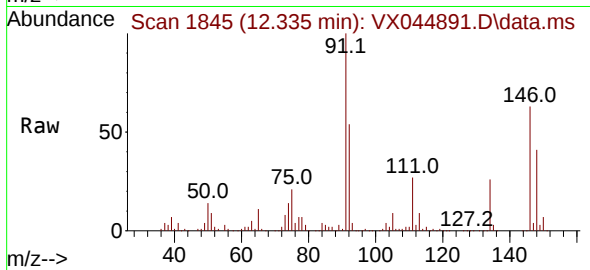
#91
1,2-Dichlorobenzene
Concen: 51.021 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



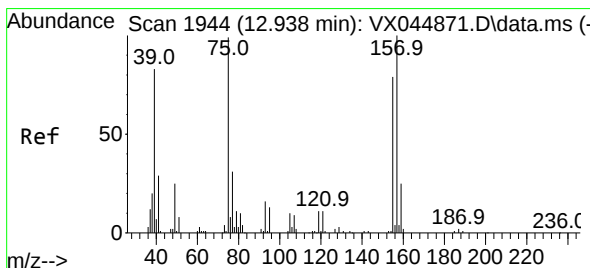
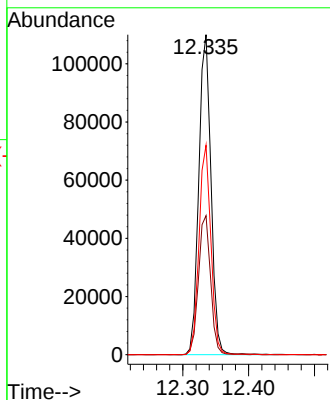
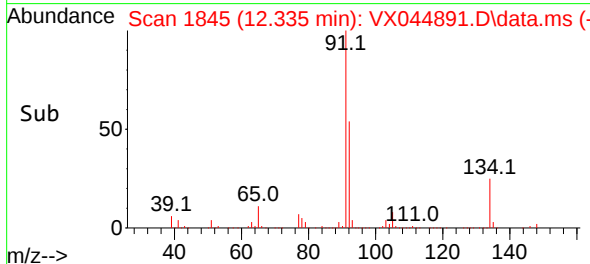
Tgt Ion:146 Resp: 14188
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.4
148 63.6 31.9 95.9

Manual Integrations

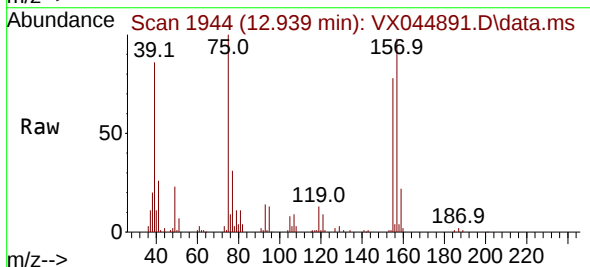
APPROVED

Reviewed By :John Carlone 02/11/2025

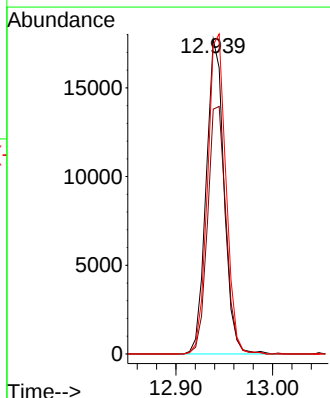
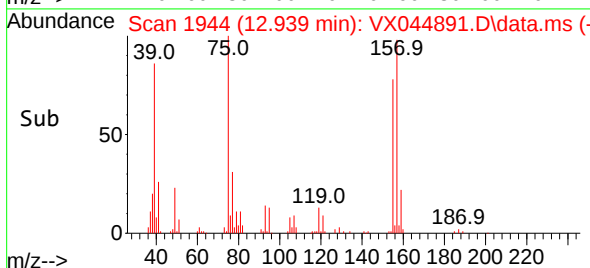
Supervised By :Mahesh Dadoda 02/11/2025

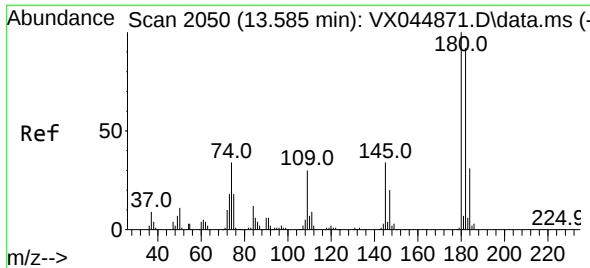


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.634 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



Tgt Ion: 75 Resp: 22829
Ion Ratio Lower Upper
75 100
155 81.0 40.5 121.4
157 104.3 51.4 154.3





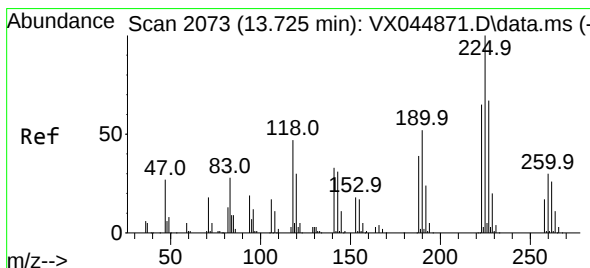
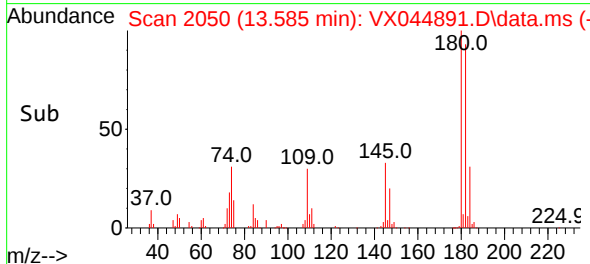
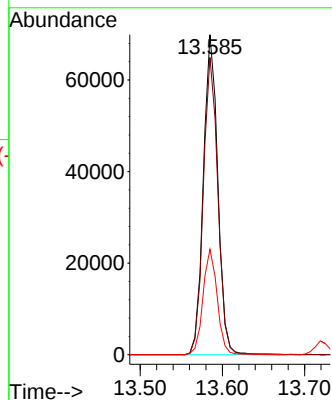
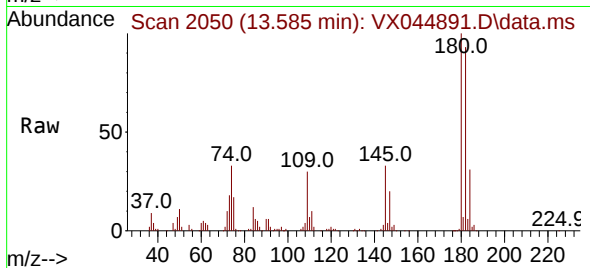
#93
1,2,4-Trichlorobenzene
Concen: 50.520 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 8501
Ion Ratio Lower Upper
180 100
182 93.4 47.6 142.8
145 32.4 16.4 49.1

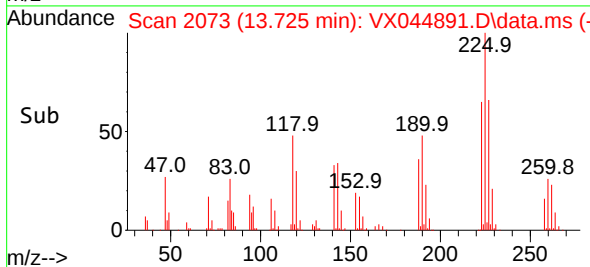
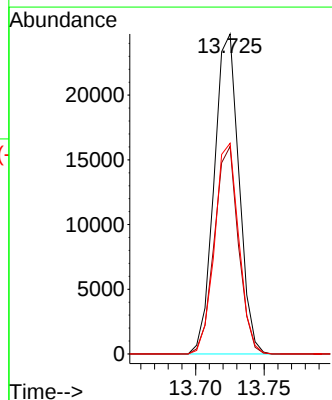
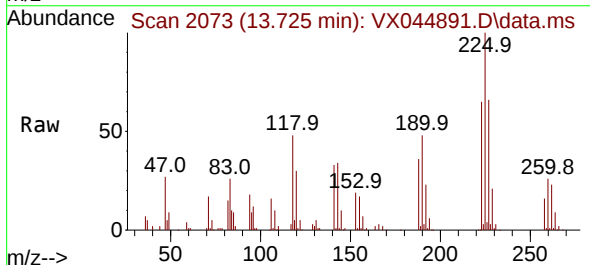
Manual Integrations
APPROVED

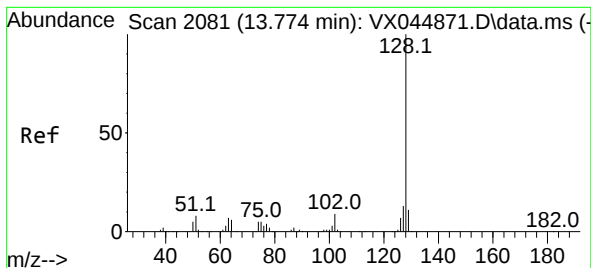
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#94
Hexachlorobutadiene
Concen: 46.524 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

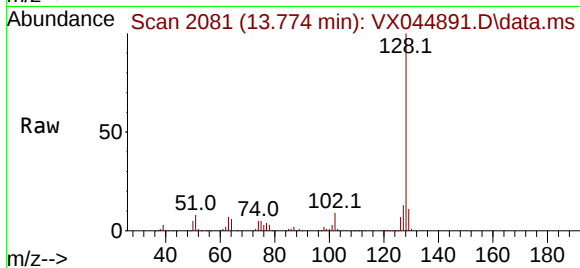
Tgt Ion:225 Resp: 31079
Ion Ratio Lower Upper
225 100
223 62.9 31.4 94.2
227 64.2 32.3 96.8





#95
Naphthalene
Concen: 52.905 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32

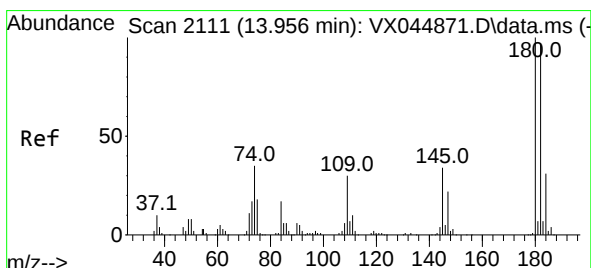
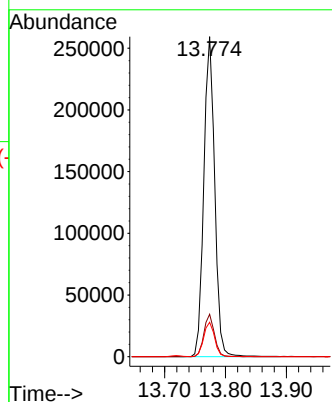
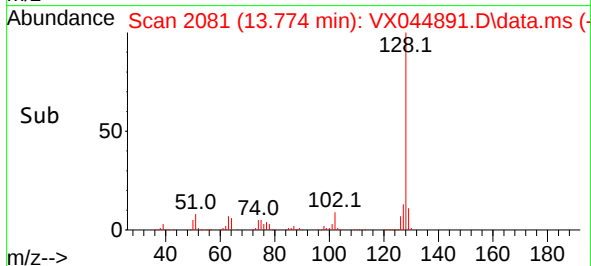
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



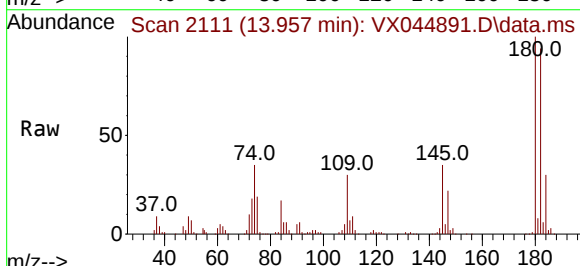
Tgt Ion:128 Resp: 321815
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.110 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044891.D
Acq: 10 Feb 2025 19:32



Tgt Ion:180 Resp: 86663
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.6
145 34.5 17.1 51.3

