

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022525\
 Data File : VX045042.D
 Acq On : 25 Feb 2025 16:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2025
 Supervised By : Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 03:18:22 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	101525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65263	43.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.820%		
35) Dibromofluoromethane	5.385	113	52051	44.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.320%		
50) Toluene-d8	8.647	98	189599	42.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	85.080%#		
62) 4-Bromofluorobenzene	11.079	95	68375	45.505	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67197	47.191	ug/l	99
3) Chloromethane	1.307	50	73673	42.510	ug/l	98
4) Vinyl Chloride	1.374	62	74122	44.148	ug/l	99
5) Bromomethane	1.593	94	26080	51.910	ug/l	97
6) Chloroethane	1.666	64	40050	65.667	ug/l	99
7) Trichlorofluoromethane	1.874	101	104892	49.402	ug/l	99
8) Diethyl Ether	2.130	74	38078	49.451	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	62754	48.918	ug/l	98
10) Methyl Iodide	2.440	142	67667	40.700	ug/l	98
11) Tert butyl alcohol	2.977	59	77483	281.037	ug/l	100
12) 1,1-Dichloroethene	2.306	96	59655	45.588	ug/l	95
13) Acrolein	2.233	56	72712	255.616	ug/l	99
14) Allyl chloride	2.654	41	113275	47.898	ug/l	97
15) Acrylonitrile	3.062	53	210213	285.568	ug/l	98
16) Acetone	2.386	43	178266	298.382	ug/l	97
17) Carbon Disulfide	2.501	76	142557	39.728	ug/l	100
18) Methyl Acetate	2.703	43	118283	62.739	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	202983	48.753	ug/l	99
20) Methylene Chloride	2.782	84	70354	48.077	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	59522	46.216	ug/l	95
22) Diisopropyl ether	3.757	45	227456	50.838	ug/l	94
23) Vinyl Acetate	3.721	43	923900	253.291	ug/l	99
24) 1,1-Dichloroethane	3.605	63	123599	49.371	ug/l	100
25) 2-Butanone	4.556	43	295559	304.657	ug/l	95
26) 2,2-Dichloropropane	4.465	77	83886	42.253	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	74648	48.253	ug/l	99
28) Bromochloromethane	4.891	49	55770	46.355	ug/l	99
29) Tetrahydrofuran	5.001	42	190035	294.997	ug/l	98
30) Chloroform	5.086	83	122880	50.613	ug/l	100
31) Cyclohexane	5.458	56	104875	45.441	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	101440	49.259	ug/l	98
36) 1,1-Dichloropropene	5.684	75	81048	47.660	ug/l	100
37) Ethyl Acetate	4.714	43	107870	57.029	ug/l	99
38) Carbon Tetrachloride	5.672	117	82597	49.565	ug/l	97
39) Methylcyclohexane	7.373	83	106224	48.316	ug/l	98
40) Benzene	6.031	78	261113	49.173	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	61329	60.575	ug/l	98
42) 1,2-Dichloroethane	6.080	62	92805	54.837	ug/l	99
43) Isopropyl Acetate	6.336	43	166895	54.640	ug/l	99
44) Trichloroethene	7.123	130	60229	49.623	ug/l	97
45) 1,2-Dichloropropane	7.427	63	66819	50.580	ug/l	99
46) Dibromomethane	7.580	93	48023	52.418	ug/l	99
47) Bromodichloromethane	7.818	83	95545	53.860	ug/l	98
48) Methyl methacrylate	7.690	41	84221	58.478	ug/l	96
49) 1,4-Dioxane	7.659	88	38186	1235.809	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	583086	314.005	ug/l	97
52) Toluene	8.714	92	159793	50.528	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89317	49.754	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	100279	50.101	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	64638	53.170	ug/l	98
56) Ethyl methacrylate	9.116	69	107605	54.804	ug/l	98
57) 1,3-Dichloropropane	9.305	76	112282	52.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	247138	256.347	ug/l	100
59) 2-Hexanone	9.427	43	432203	323.037	ug/l	97
60) Dibromochloromethane	9.518	129	70395	54.145	ug/l	99
61) 1,2-Dibromoethane	9.610	107	65764	53.373	ug/l	97
64) Tetrachloroethene	9.269	164	49089	47.807	ug/l	98
65) Chlorobenzene	10.079	112	174998	50.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57484	51.070	ug/l	99
67) Ethyl Benzene	10.189	91	307513	49.830	ug/l	99
68) m/p-Xylenes	10.299	106	229102	100.639	ug/l	100
69) o-Xylene	10.640	106	113531	49.701	ug/l	99
70) Styrene	10.652	104	193148	52.483	ug/l	99
71) Bromoform	10.799	173	46194	54.990	ug/l #	99
73) Isopropylbenzene	10.963	105	296079	48.748	ug/l	99
74) N-amyl acetate	10.841	43	143282	52.132	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	105710	50.649	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86868m	51.941	ug/l	
77) Bromobenzene	11.195	156	68416	49.685	ug/l	97
78) n-propylbenzene	11.305	91	344974	49.208	ug/l	100
79) 2-Chlorotoluene	11.360	91	207089	48.064	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	239463	48.584	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28287	43.508	ug/l	92
82) 4-Chlorotoluene	11.451	91	233290	48.941	ug/l	99
83) tert-Butylbenzene	11.713	119	247205	49.578	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	246524	50.676	ug/l	100
85) sec-Butylbenzene	11.890	105	311825	50.503	ug/l	100
86) p-Isopropyltoluene	12.006	119	252793	50.912	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	123315	48.698	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	124506	48.630	ug/l	100
89) n-Butylbenzene	12.329	91	229601	52.268	ug/l	99
90) Hexachloroethane	12.536	117	44121	47.456	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	123772	49.733	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21247	55.778	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	75398	50.067	ug/l	98
94) Hexachlorobutadiene	13.725	225	31425	52.565	ug/l	98
95) Naphthalene	13.774	128	282517	51.898	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76093	50.145	ug/l	99

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VSTDCCC050EC

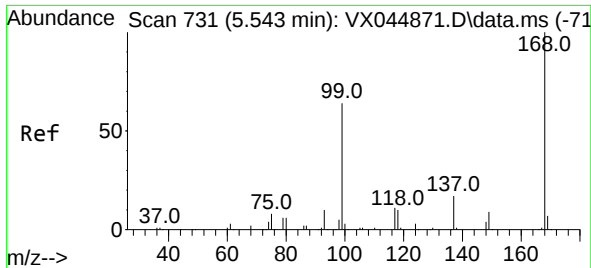
Manual Integrations
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Response via : Initial Calibration

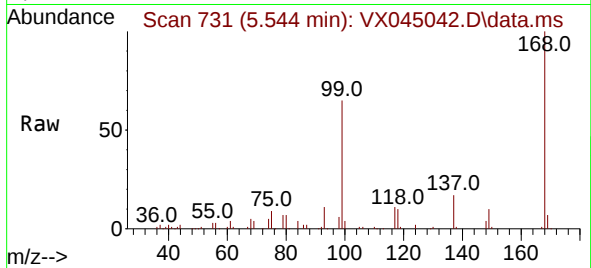
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
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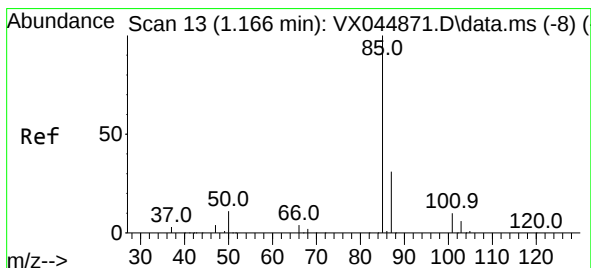
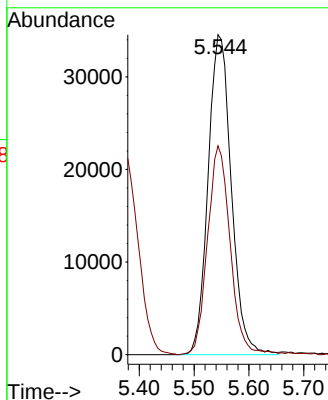
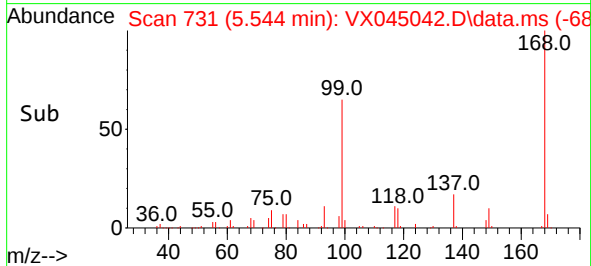
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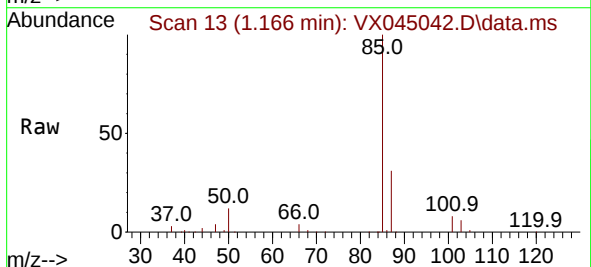
Tgt Ion:168 Resp: 10152
Ion Ratio Lower Upper
168 100
99 65.2 51.2 76.8

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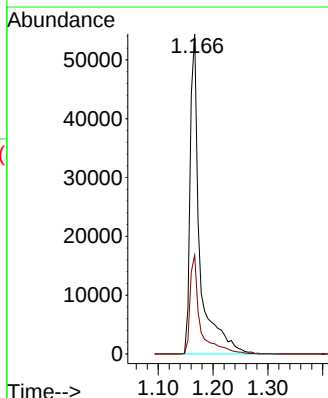
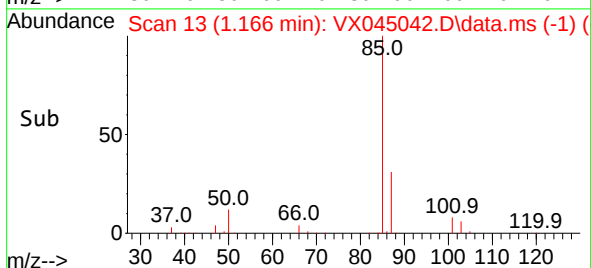
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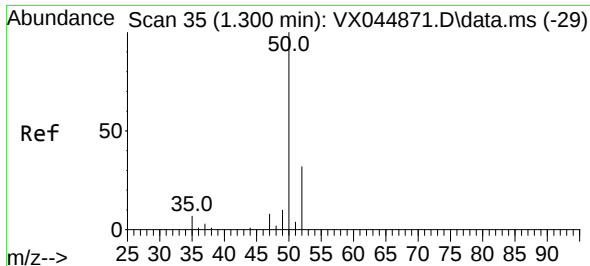


#2
Dichlorodifluoromethane
Concen: 47.191 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



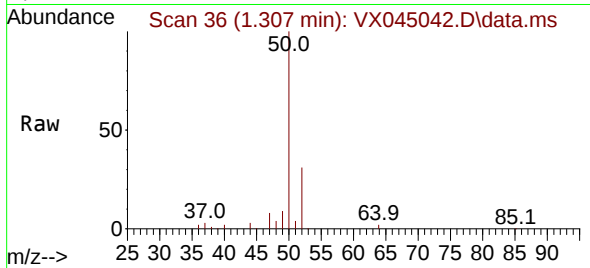
Tgt Ion: 85 Resp: 67197
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.3





#3
Chloromethane
Concen: 42.510 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

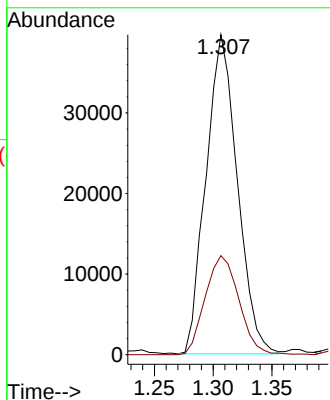
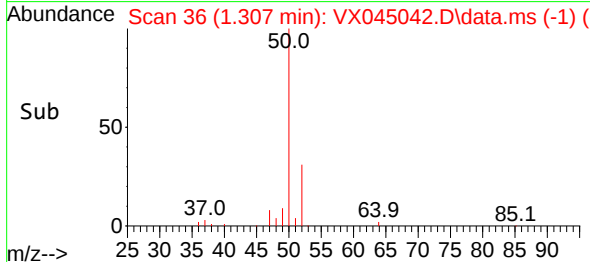
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 7367
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9

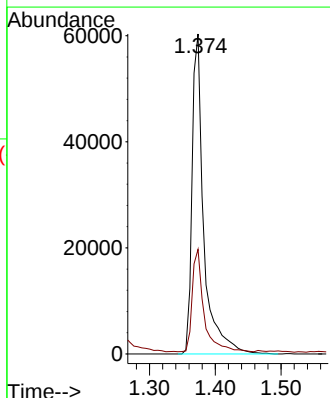
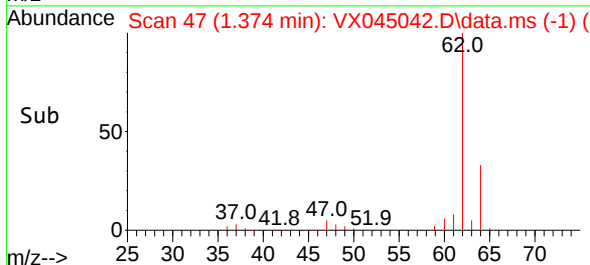
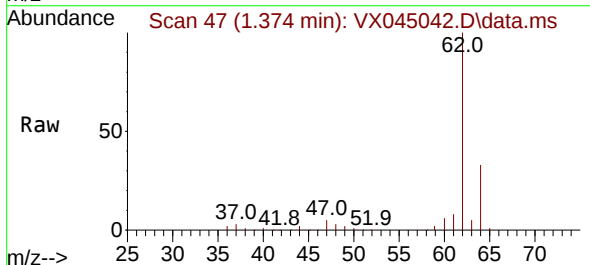
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#4
Vinyl Chloride
Concen: 44.148 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

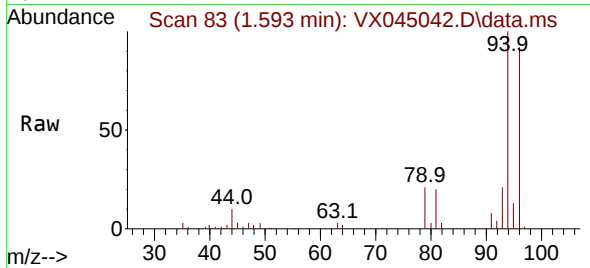
Tgt Ion: 62 Resp: 74122
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 51.910 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

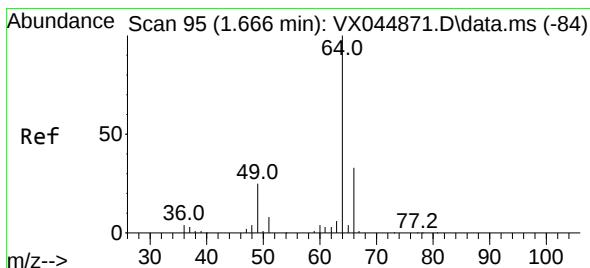
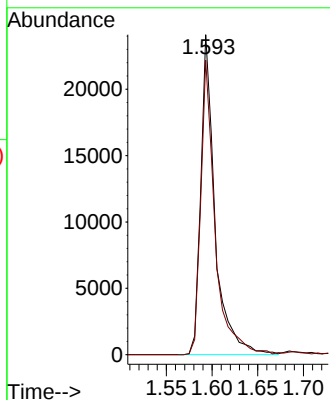
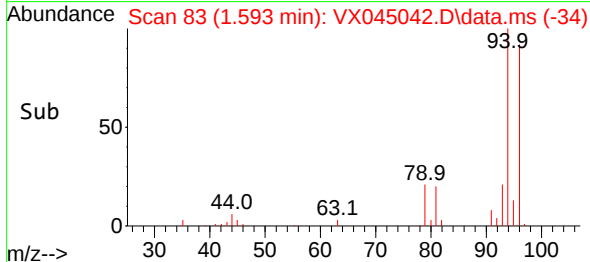
Instrument :
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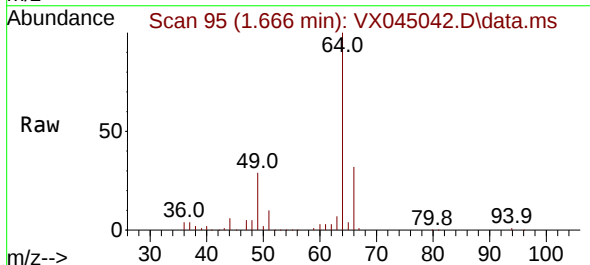
Tgt Ion: 94 Resp: 26080
Ion Ratio Lower Upper
94 100
96 92.1 71.6 107.4

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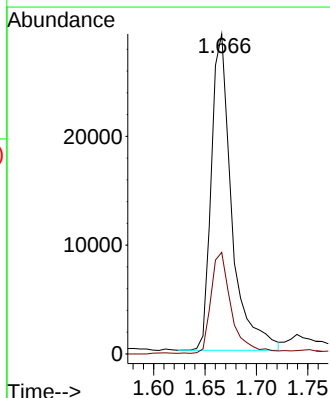
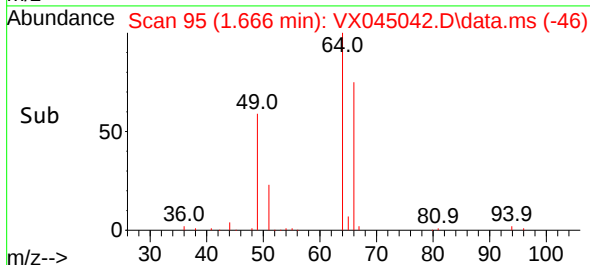
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#6
Chloroethane
Concen: 65.667 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



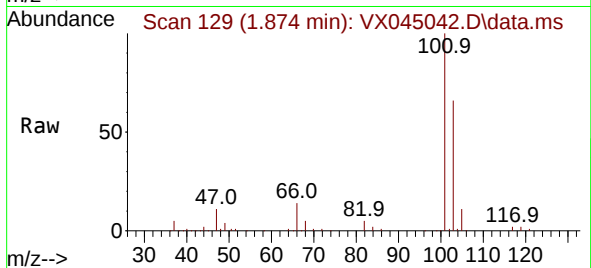
Tgt Ion: 64 Resp: 40050
Ion Ratio Lower Upper
64 100
66 32.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 49.402 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX045042.D
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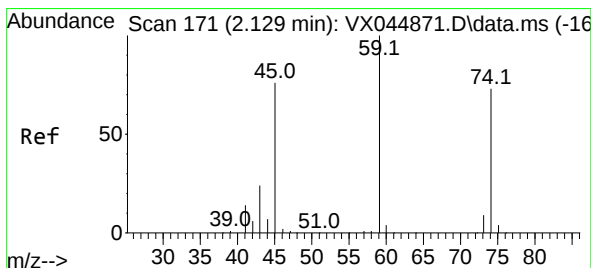
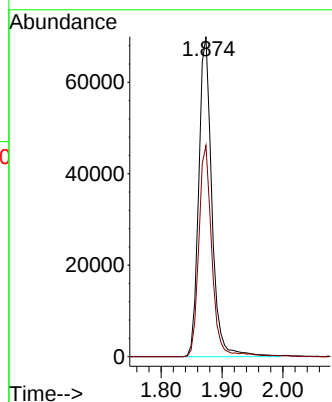
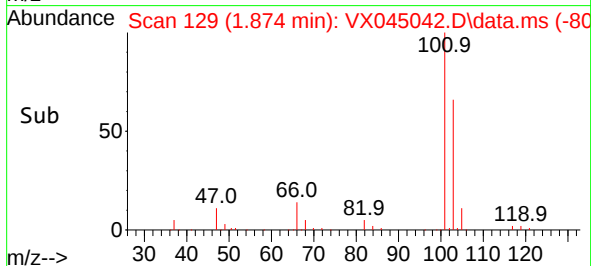
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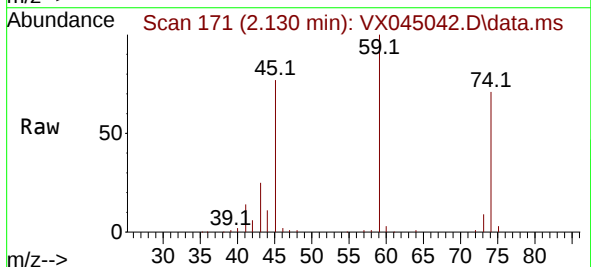
Tgt Ion:101 Resp: 104892
Ion Ratio Lower Upper
101 100
103 66.0 52.4 78.6

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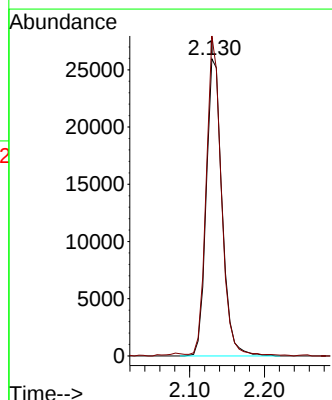
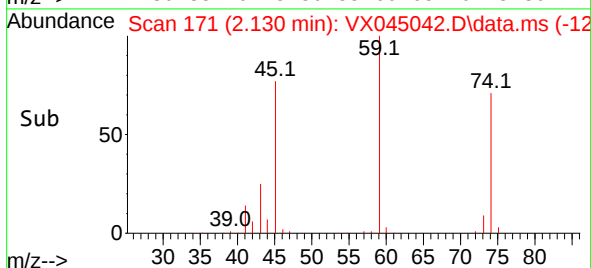
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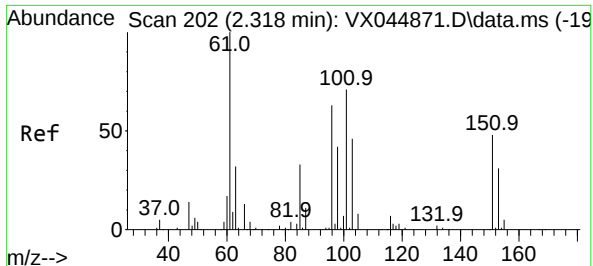


#8
Diethyl Ether
Concen: 49.451 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



Tgt Ion: 74 Resp: 38078
Ion Ratio Lower Upper
74 100
45 103.7 51.1 153.4





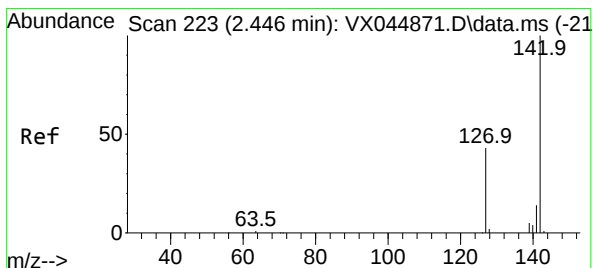
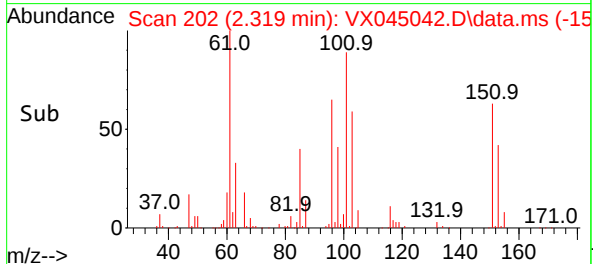
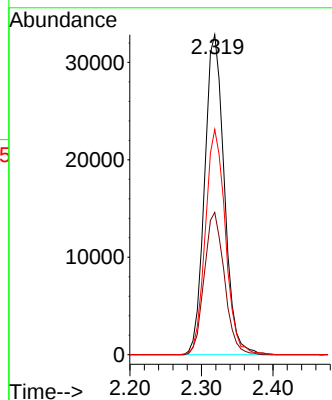
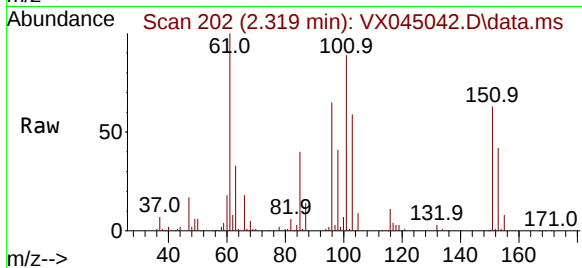
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.918 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045042.D
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Tgt Ion:101 Resp: 62754
Ion Ratio Lower Upper
101 100
85 45.5 35.7 53.5
151 71.9 56.0 84.0

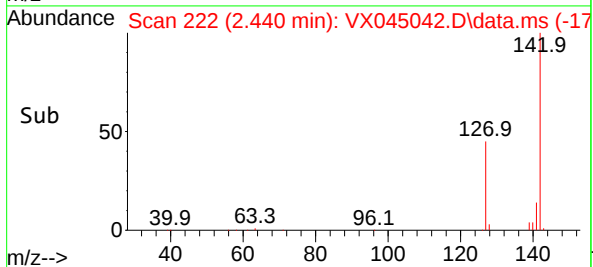
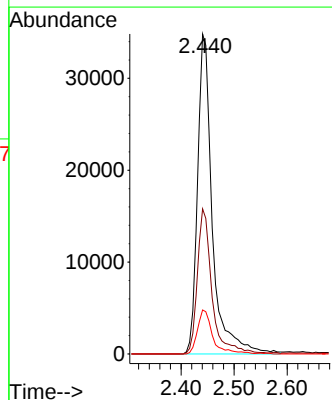
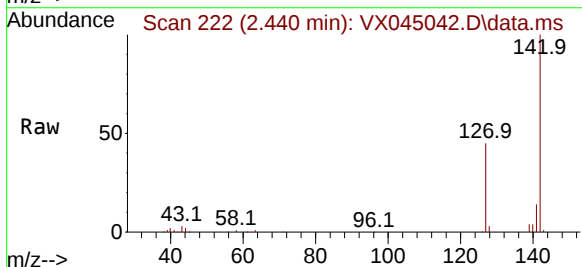
Manual Integrations
APPROVED

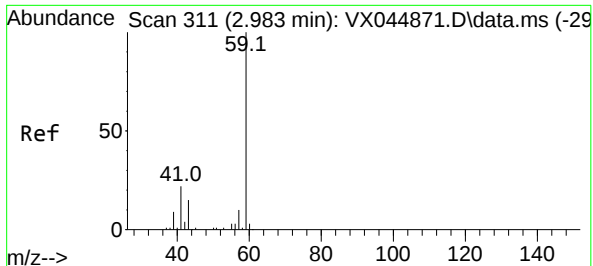
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#10
Methyl Iodide
Concen: 40.700 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Tgt Ion:142 Resp: 67667
Ion Ratio Lower Upper
142 100
127 44.7 34.3 51.5
141 14.1 11.4 17.2





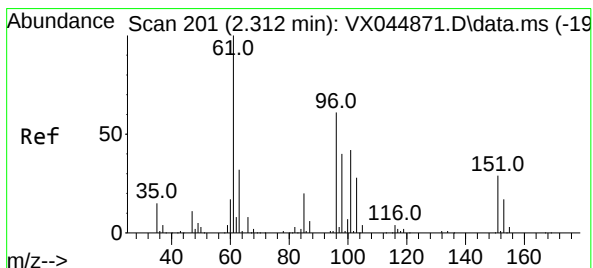
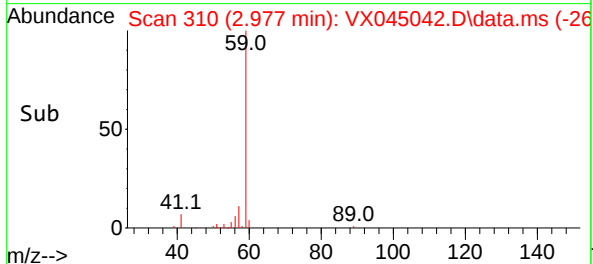
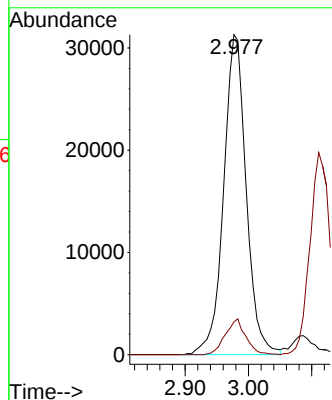
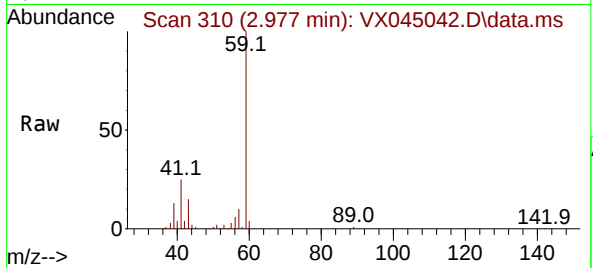
#11
Tert butyl alcohol
Concen: 281.037 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 7748
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

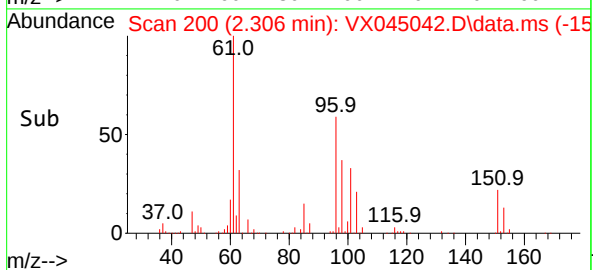
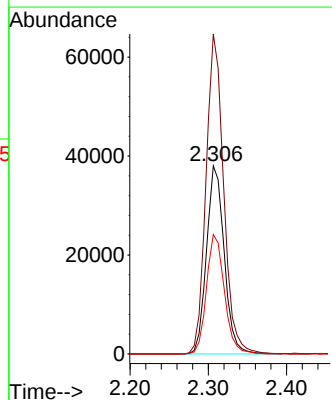
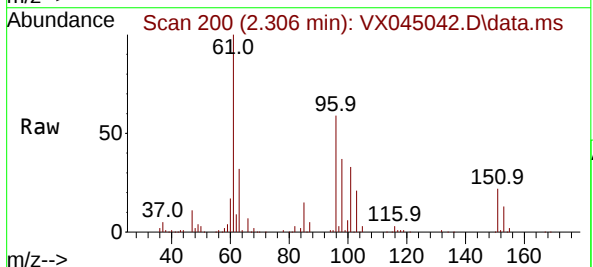
Manual Integrations
APPROVED

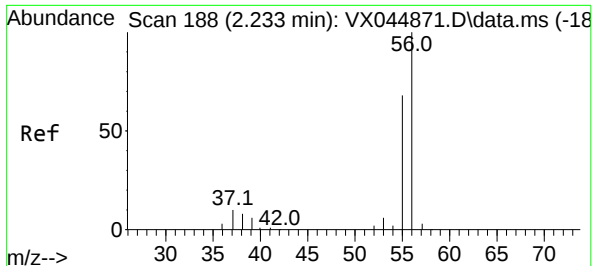
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#12
1,1-Dichloroethene
Concen: 45.588 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

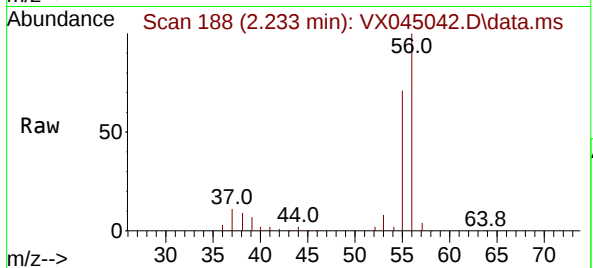
Tgt Ion: 96 Resp: 59655
Ion Ratio Lower Upper
96 100
61 170.1 130.2 195.4
98 63.4 52.2 78.4





#13
Acrolein
Concen: 255.616 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

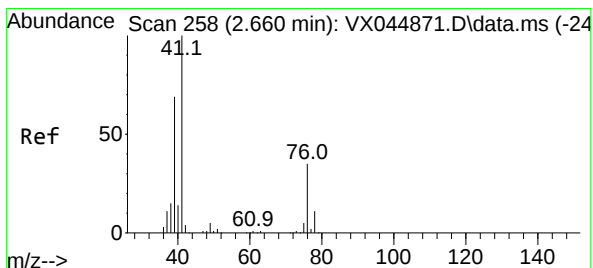
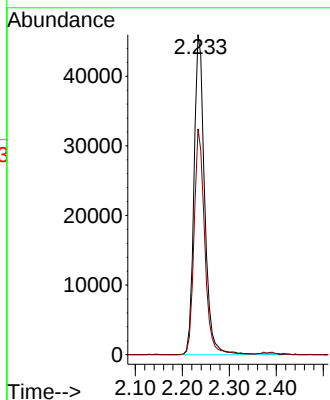
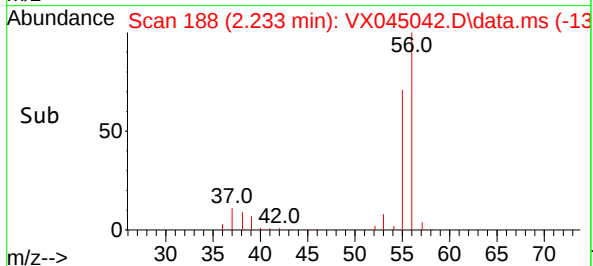
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 72712
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5

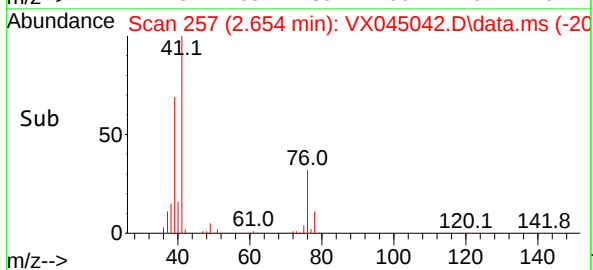
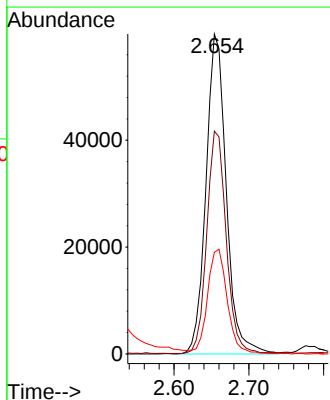
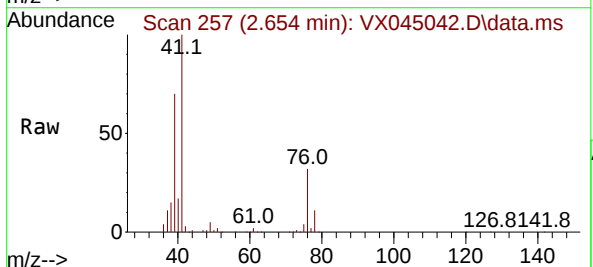
Manual Integrations
APPROVED

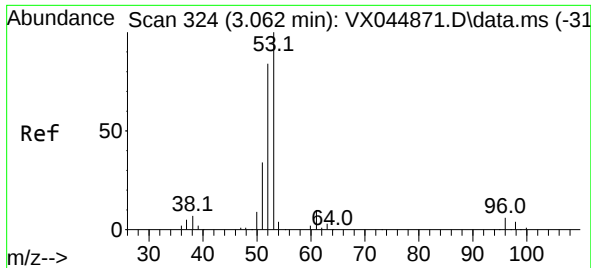
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#14
Allyl chloride
Concen: 47.898 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

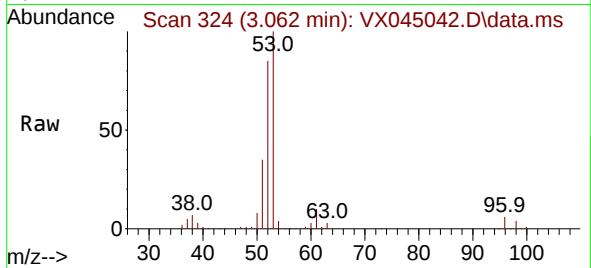
Tgt Ion: 41 Resp: 113275
Ion Ratio Lower Upper
41 100
39 66.5 51.4 77.2
76 32.2 27.0 40.4





#15
Acrylonitrile
Concen: 285.568 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

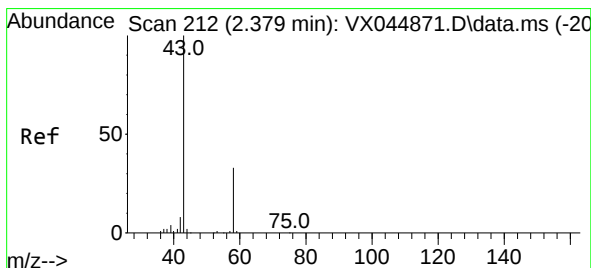
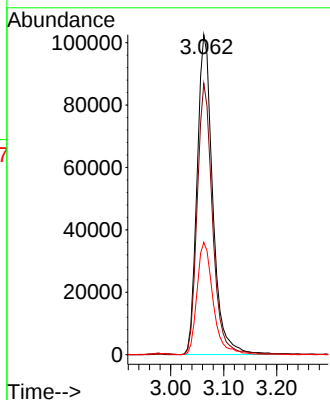
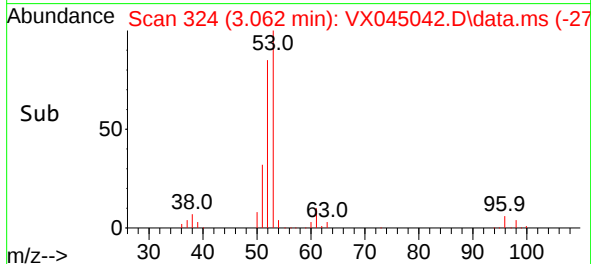
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 21021
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.6
51 36.4 28.0 42.0

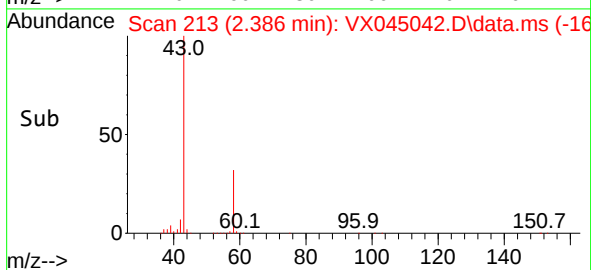
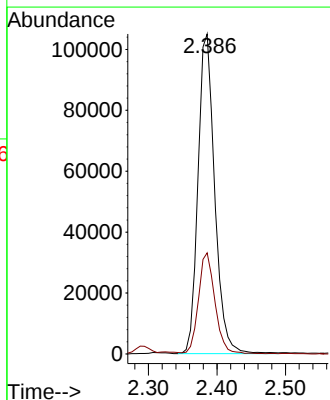
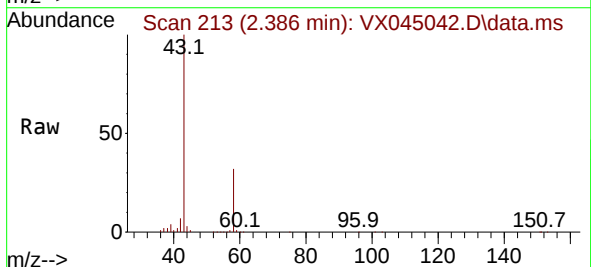
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#16
Acetone
Concen: 298.382 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Tgt Ion: 43 Resp: 178266
Ion Ratio Lower Upper
43 100
58 31.5 26.5 39.7





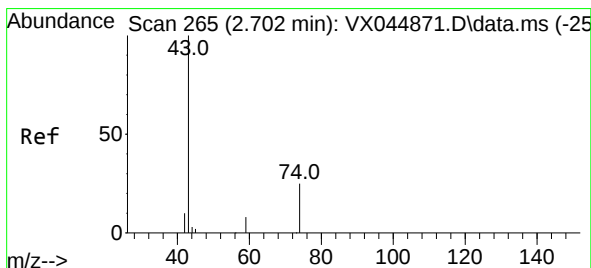
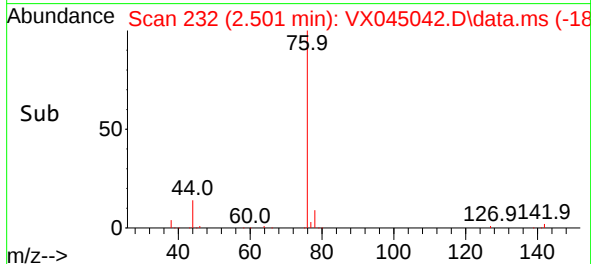
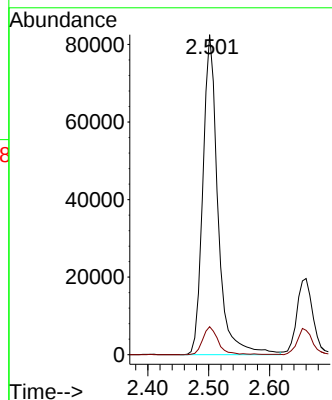
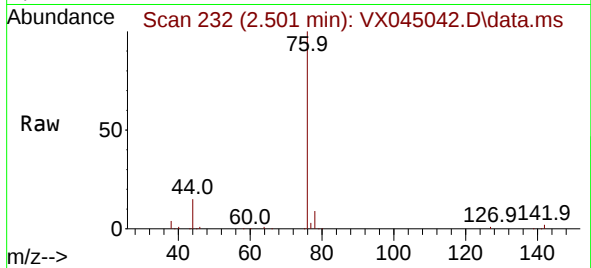
#17
Carbon Disulfide
Concen: 39.728 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 14255
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

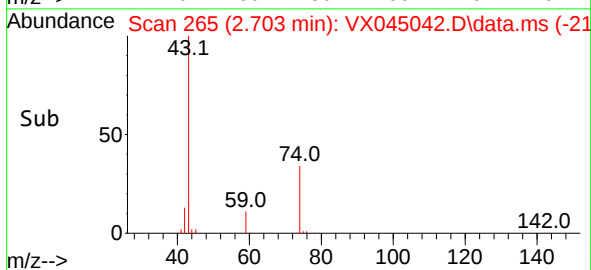
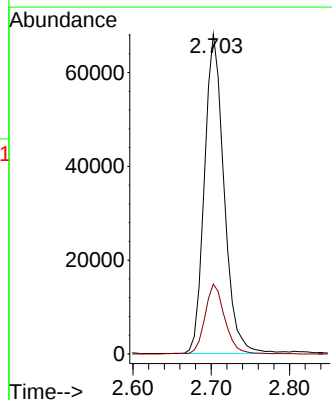
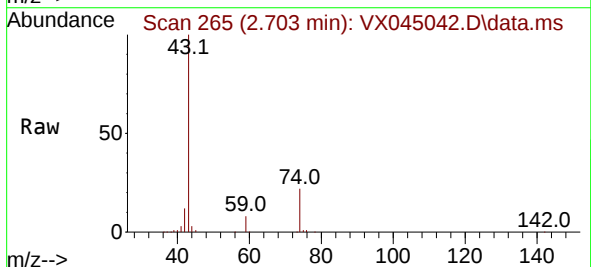
Manual Integrations
APPROVED

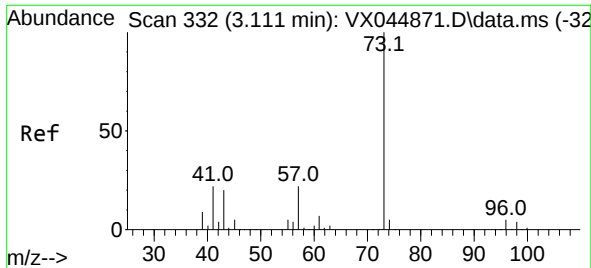
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#18
Methyl Acetate
Concen: 62.739 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Tgt Ion: 43 Resp: 118283
Ion Ratio Lower Upper
43 100
74 22.2 18.9 28.3





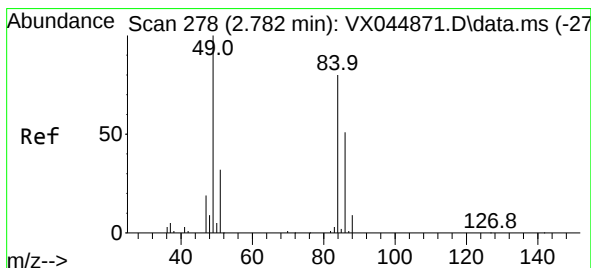
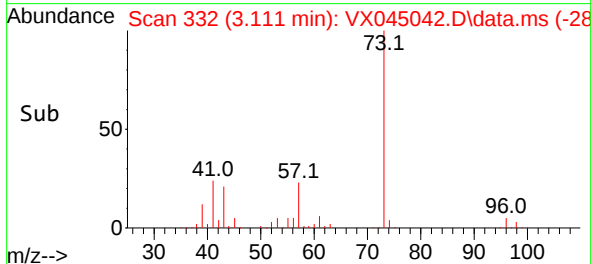
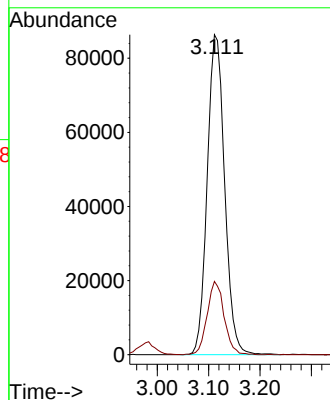
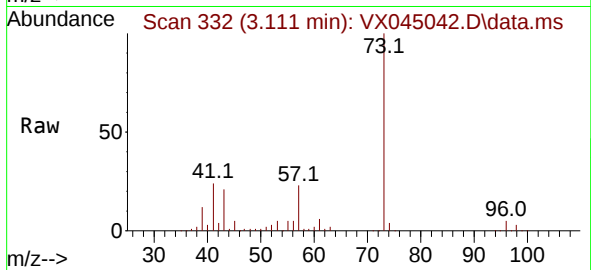
#19
Methyl tert-butyl Ether
Concen: 48.753 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 20298
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9

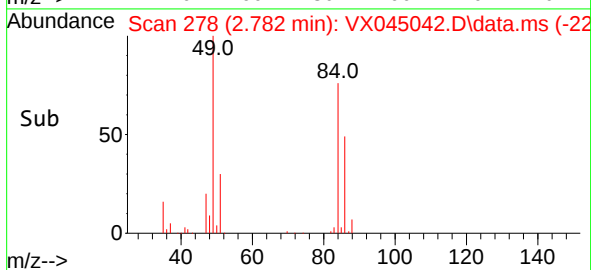
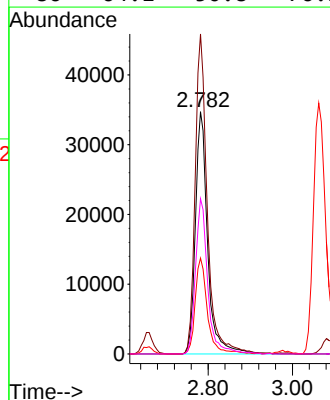
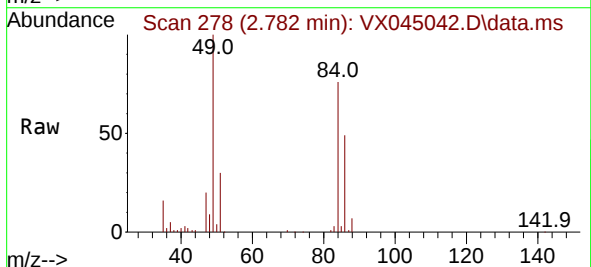
Manual Integrations
APPROVED

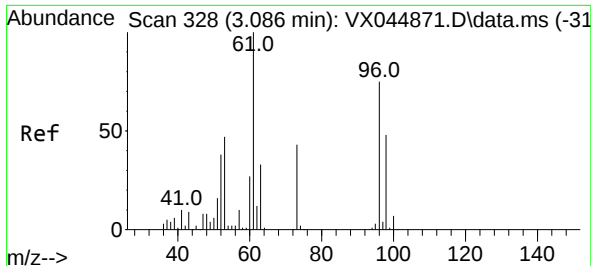
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#20
Methylene Chloride
Concen: 48.077 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

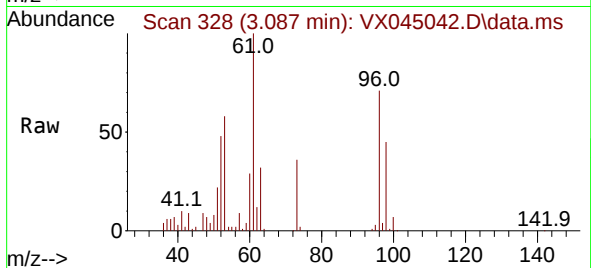
Tgt Ion: 84 Resp: 70354
Ion Ratio Lower Upper
84 100
49 132.1 100.1 150.1
51 39.6 31.7 47.5
86 64.1 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 46.216 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

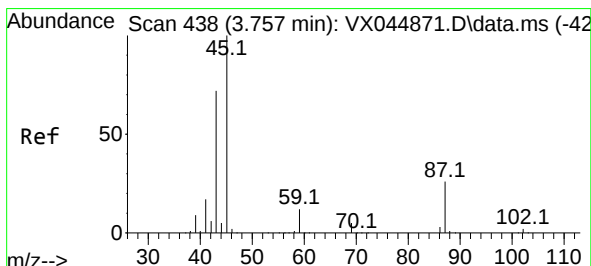
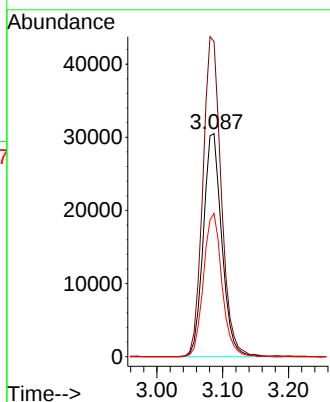
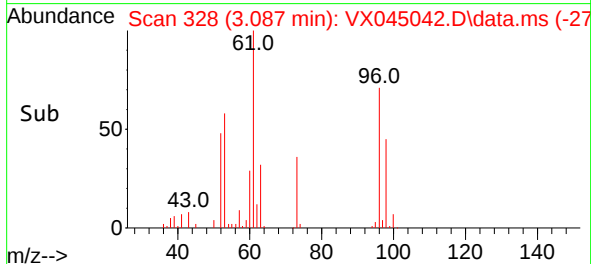
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



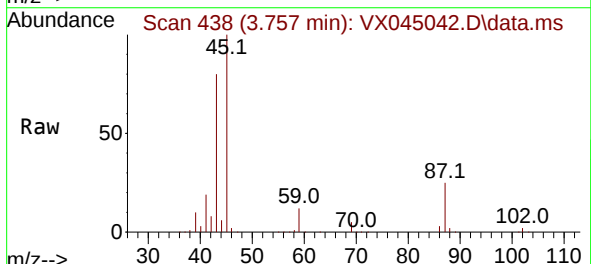
Tgt Ion: 96 Resp: 5952
Ion Ratio Lower Upper
96 100
61 141.3 106.0 159.0
98 64.2 50.6 76.0

Manual Integrations
APPROVED

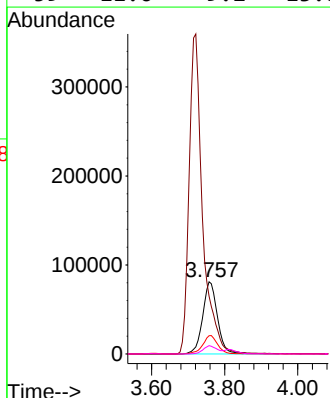
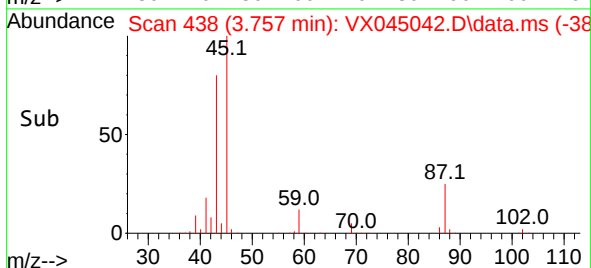
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

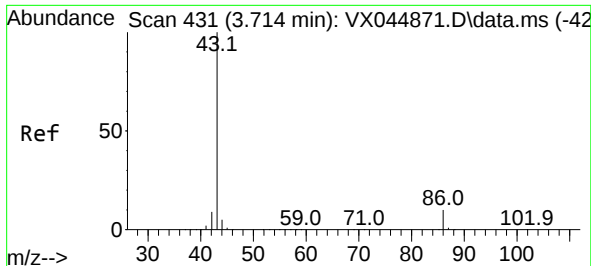


#22
Diisopropyl ether
Concen: 50.838 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



Tgt Ion: 45 Resp: 227456
Ion Ratio Lower Upper
45 100
43 79.6 58.0 87.0
87 25.2 20.7 31.1
59 11.6 9.2 13.8





#23
 Vinyl Acetate
 Concen: 253.291 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX045042.D
 Acq: 25 Feb 2025 16:28

Instrument :

MSVOA_X

ClientSampleId :

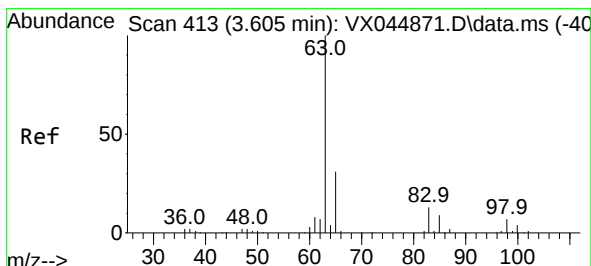
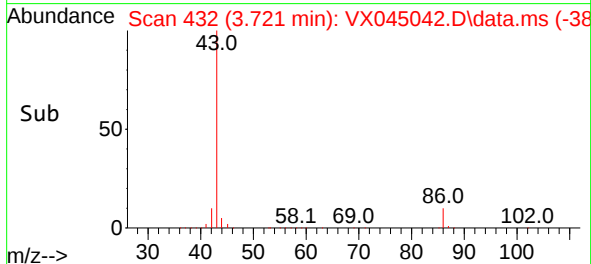
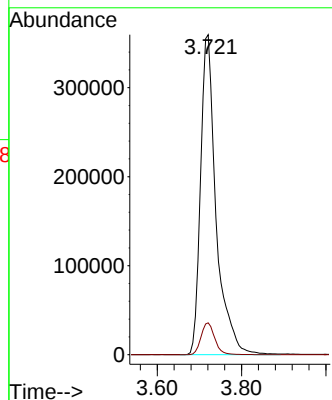
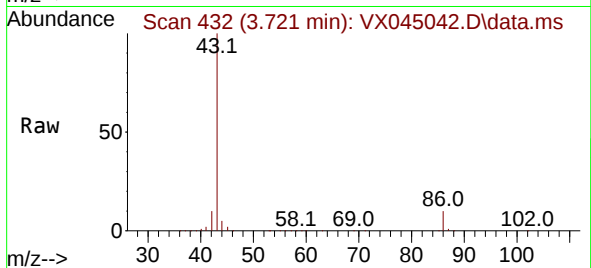
VSTDCCC050EC

Tgt Ion: 43 Resp: 923900
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.3 12.5

Manual Integrations

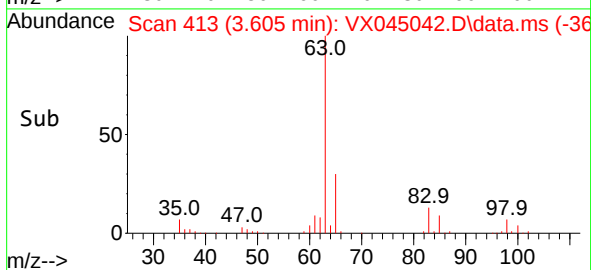
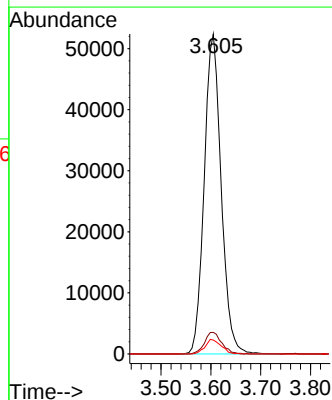
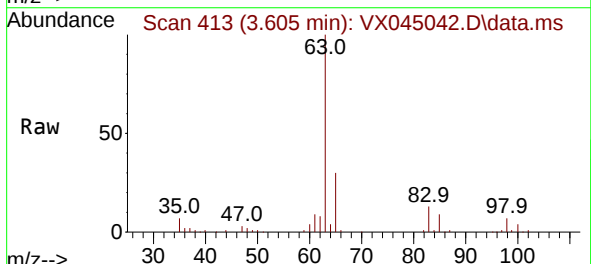
APPROVED

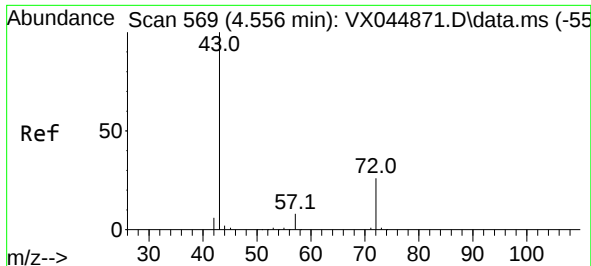
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#24
 1,1-Dichloroethane
 Concen: 49.371 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045042.D
 Acq: 25 Feb 2025 16:28

Tgt Ion: 63 Resp: 123599
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.4 2.1 6.5





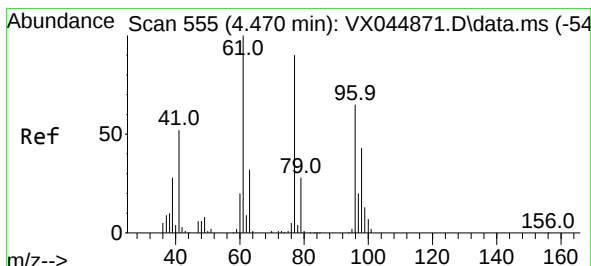
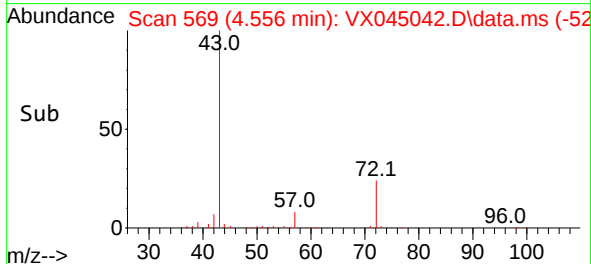
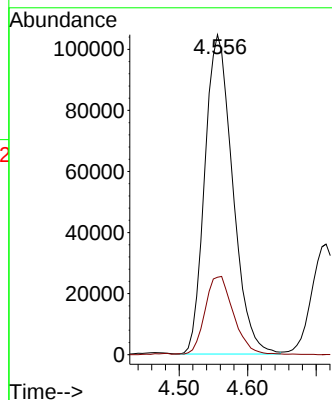
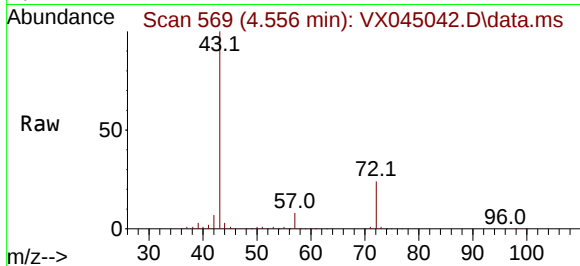
#25
2-Butanone
Concen: 304.657 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 29555
Ion Ratio Lower Upper
43 100
72 24.0 21.2 31.8

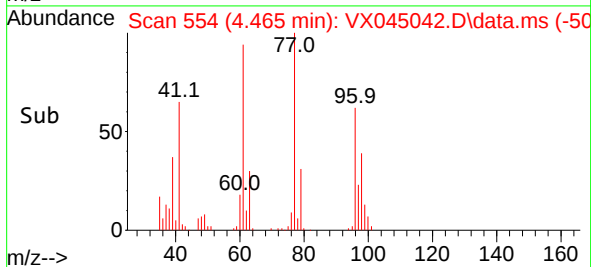
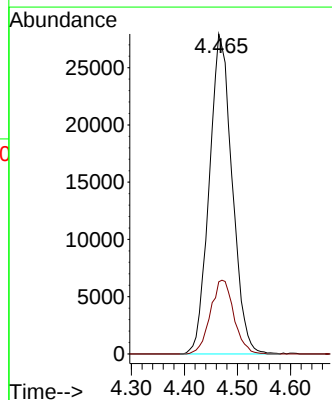
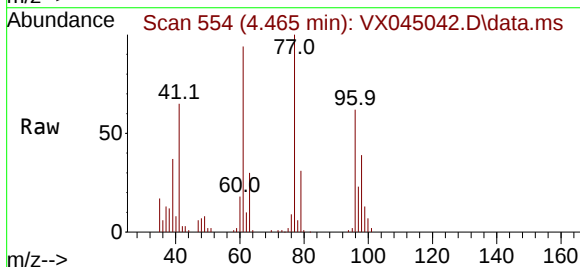
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#26
2,2-Dichloropropane
Concen: 42.253 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

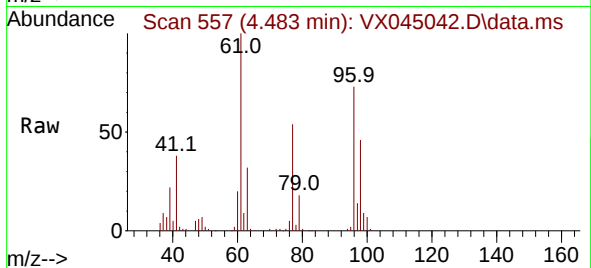
Tgt Ion: 77 Resp: 83886
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 48.253 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX045042.D
 Acq: 25 Feb 2025 16:28

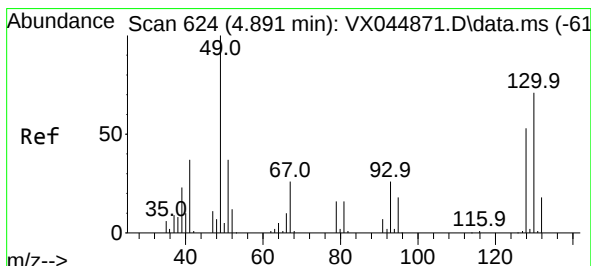
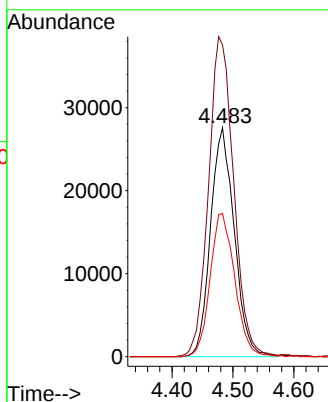
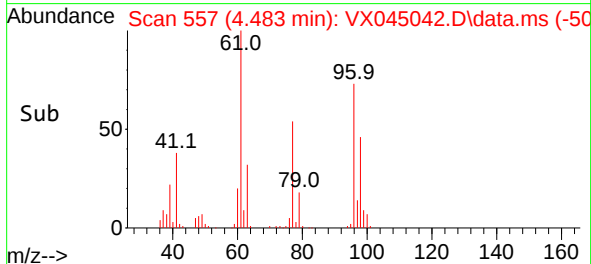
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 7464
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 294.0
 98 65.0 0.0 131.2

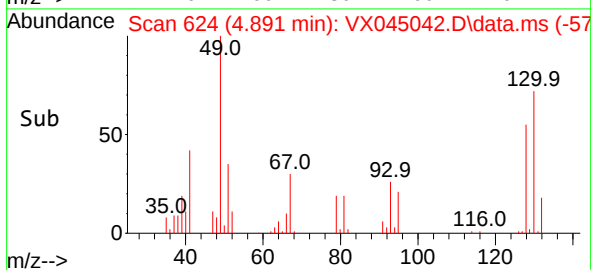
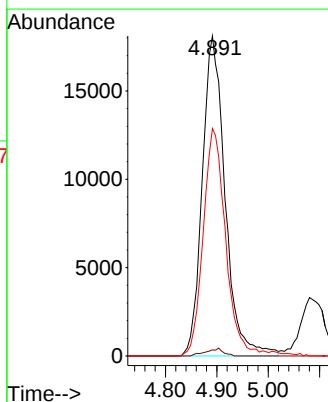
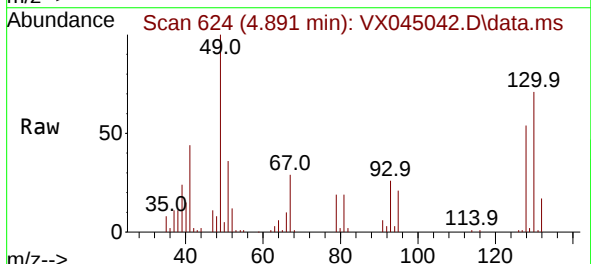
Manual Integrations
 APPROVED

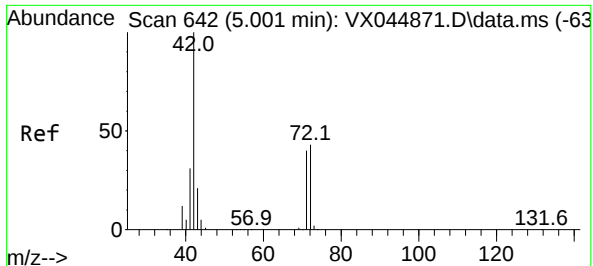
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#28
 Bromochloromethane
 Concen: 46.355 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX045042.D
 Acq: 25 Feb 2025 16:28

Tgt Ion: 49 Resp: 55770
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 69.8 56.7 85.1





#29

Tetrahydrofuran

Concen: 294.997 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX045042.D

Acq: 25 Feb 2025 16:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19003

Ion Ratio Lower Upper

42 100

72 42.5 35.0 52.4

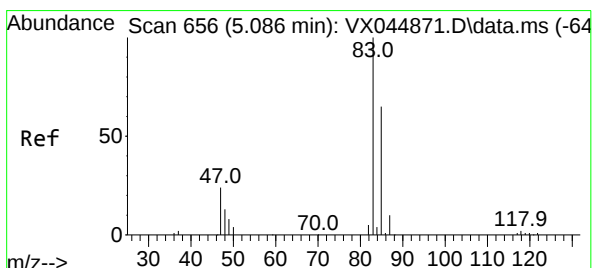
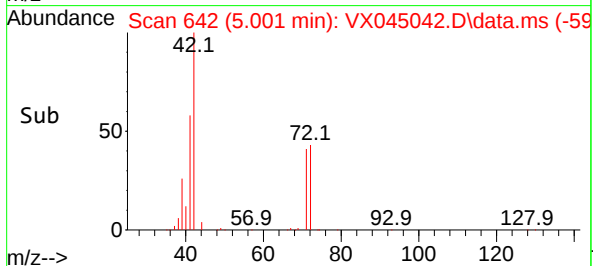
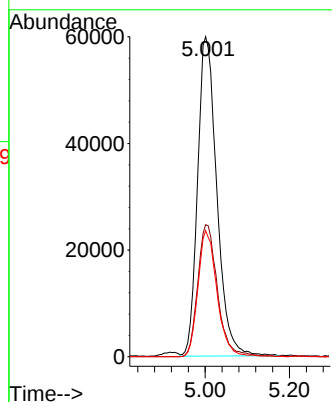
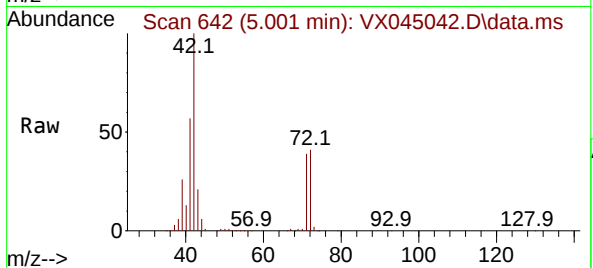
71 39.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#30

Chloroform

Concen: 50.613 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX045042.D

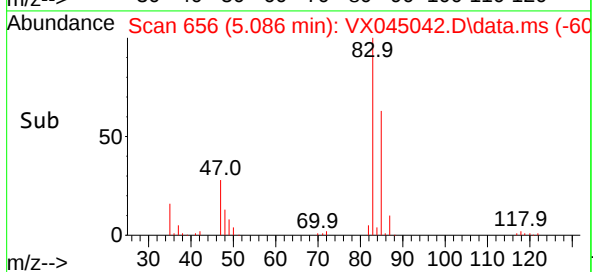
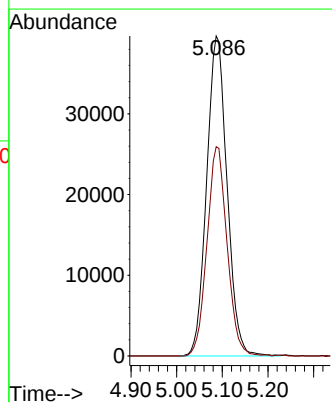
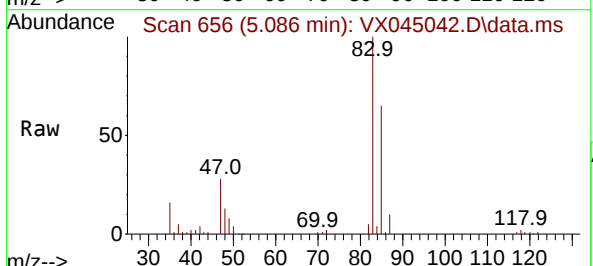
Acq: 25 Feb 2025 16:28

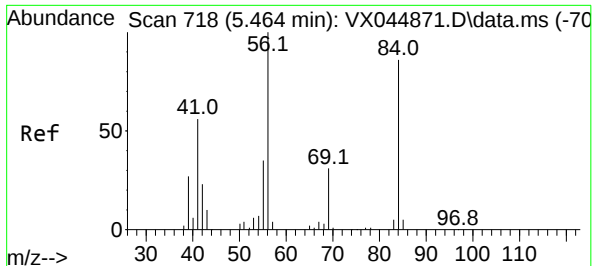
Tgt Ion: 83 Resp: 122880

Ion Ratio Lower Upper

83 100

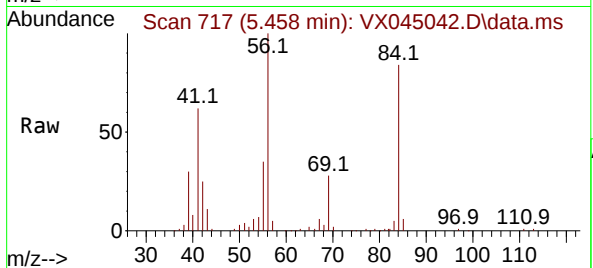
85 65.4 52.1 78.1





#31
Cyclohexane
Concen: 45.441 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

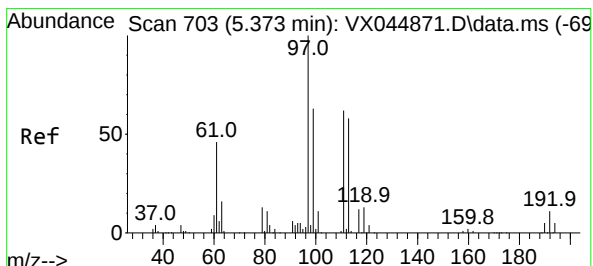
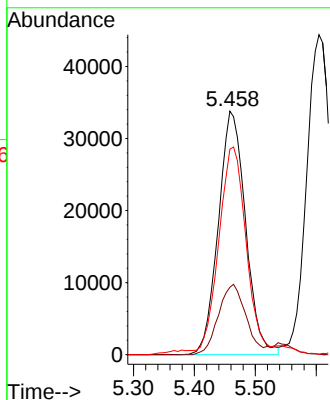
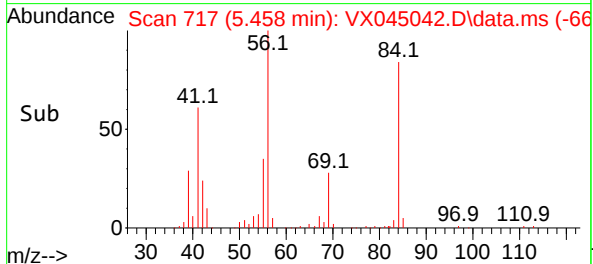
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



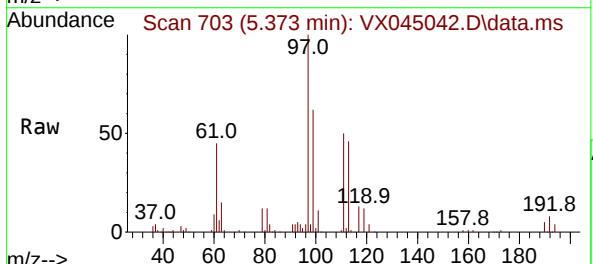
Tgt Ion: 56 Resp: 104879
Ion Ratio Lower Upper
56 100
69 27.7 24.4 36.6
84 83.0 69.0 103.6

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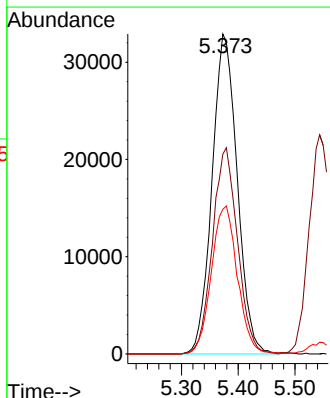
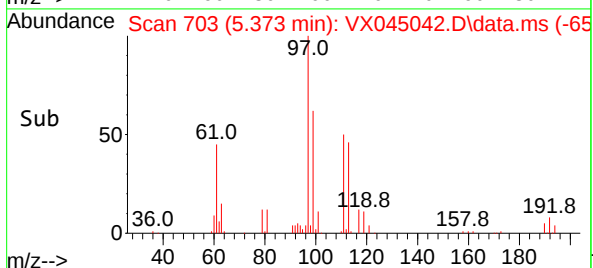
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

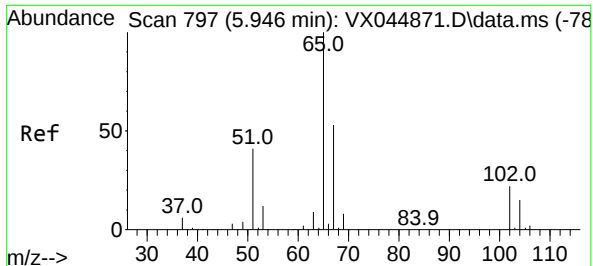


#32
1,1,1-Trichloroethane
Concen: 49.259 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



Tgt Ion: 97 Resp: 101440
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 48.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 43.914 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX045042.D

Acq: 25 Feb 2025 16:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 6526

Ion Ratio Lower Upper

65 100

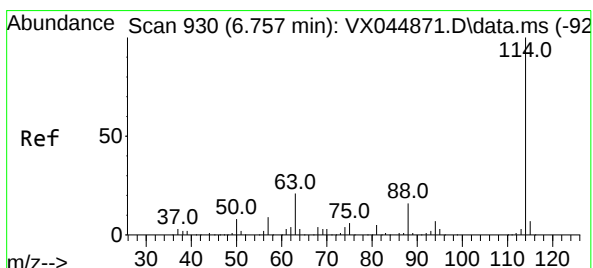
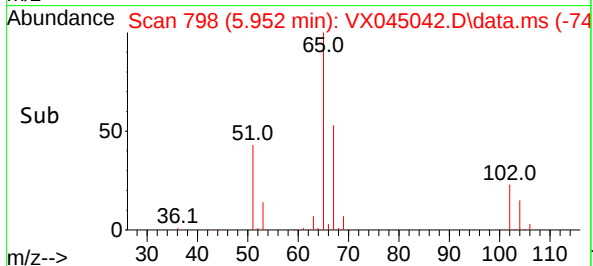
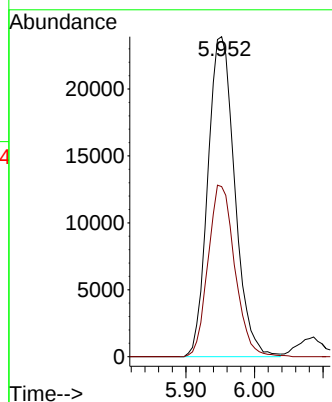
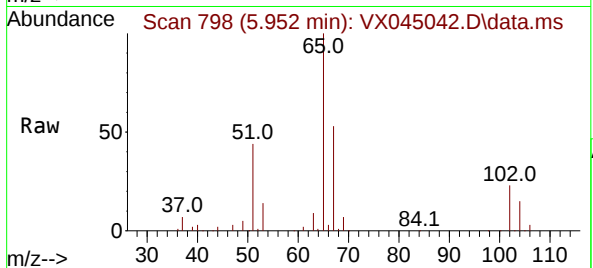
67 53.3 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045042.D

Acq: 25 Feb 2025 16:28

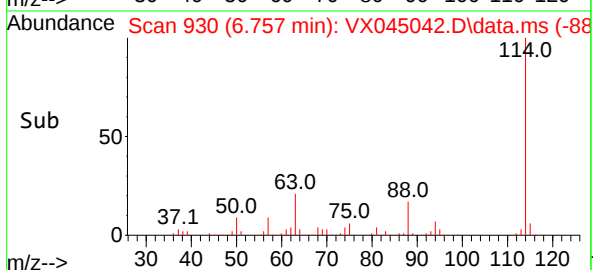
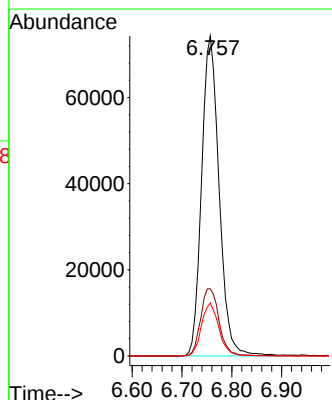
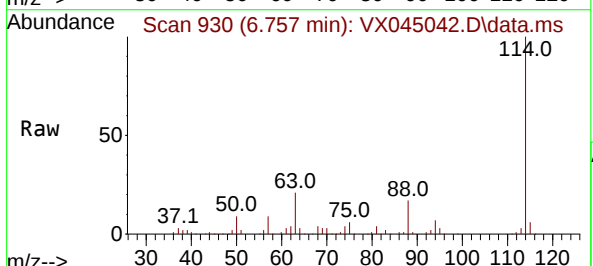
Tgt Ion:114 Resp: 181291

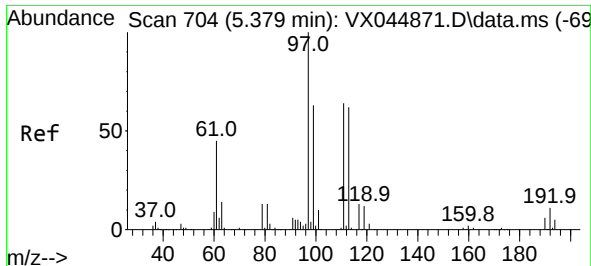
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

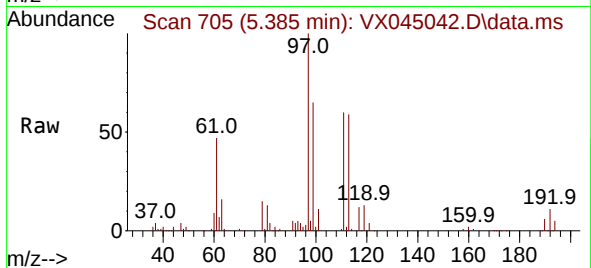
88 16.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 44.160 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

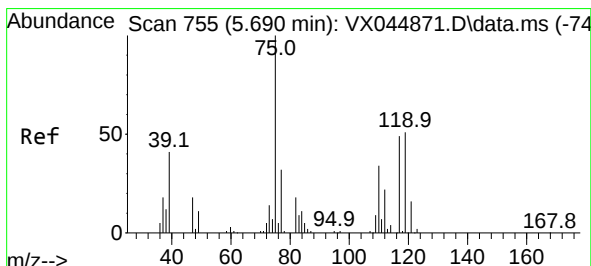
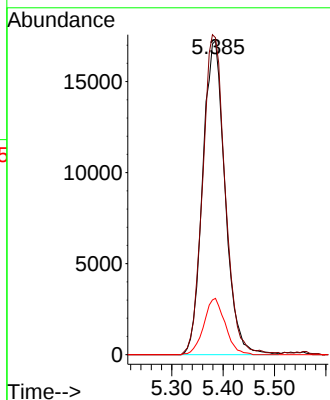
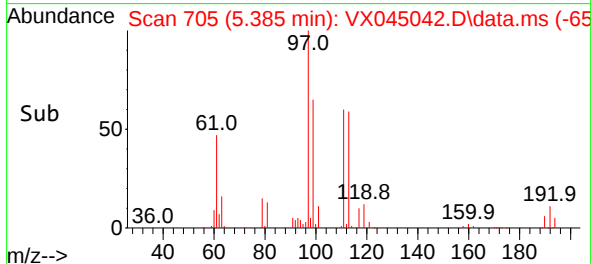
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 5205
Ion Ratio Lower Upper
113 100
111 102.2 83.5 125.3
192 17.1 14.4 21.6

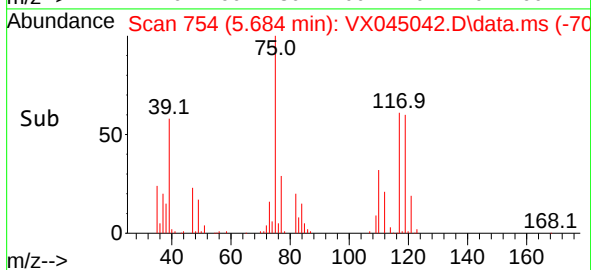
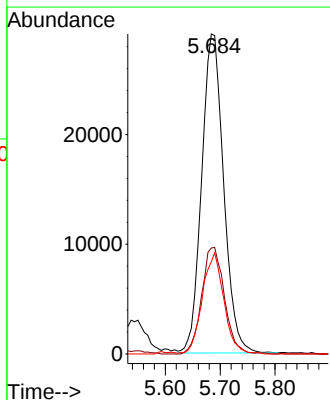
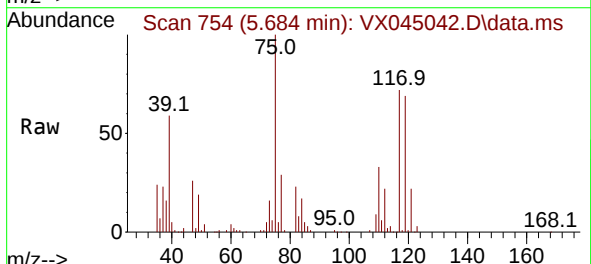
Manual Integrations
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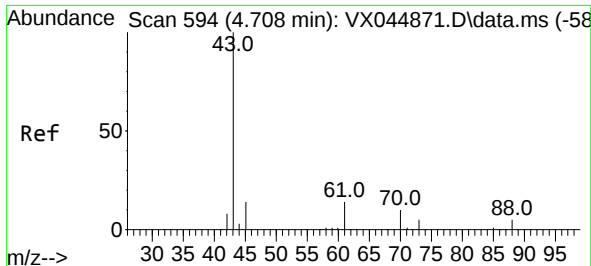
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#36
1,1-Dichloropropene
Concen: 47.660 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

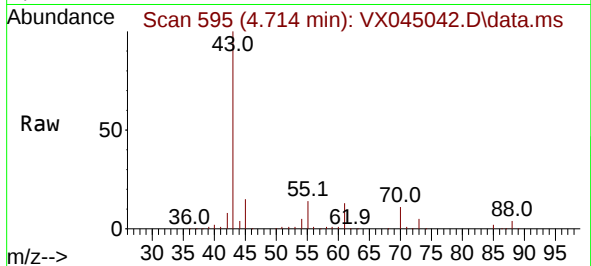
Tgt Ion: 75 Resp: 81048
Ion Ratio Lower Upper
75 100
110 34.5 17.2 51.6
77 31.1 24.6 37.0





#37
Ethyl Acetate
Concen: 57.029 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

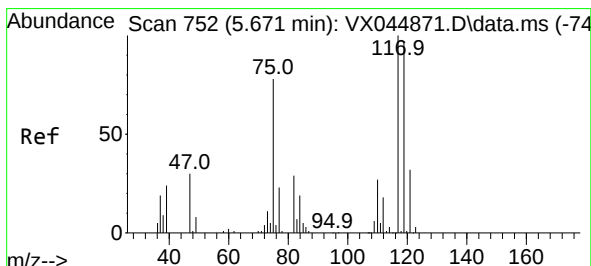
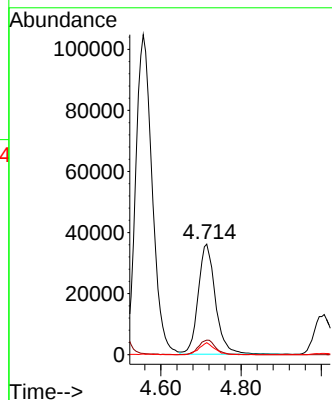
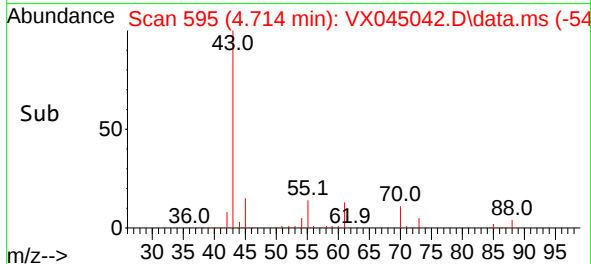
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 107870
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 9.8 8.2 12.2

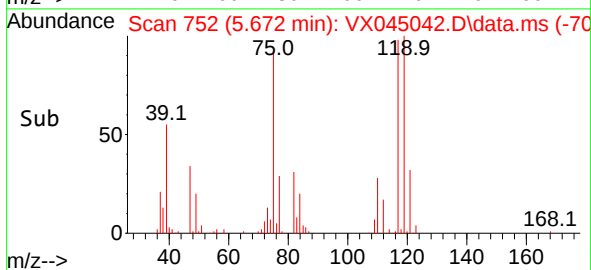
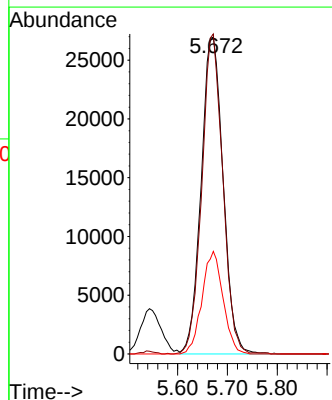
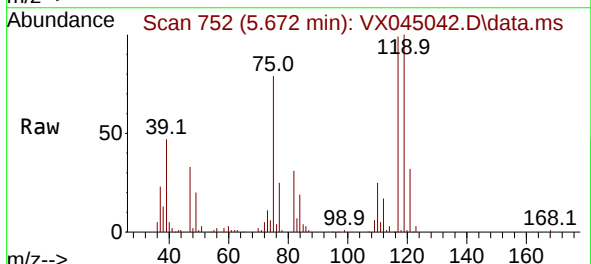
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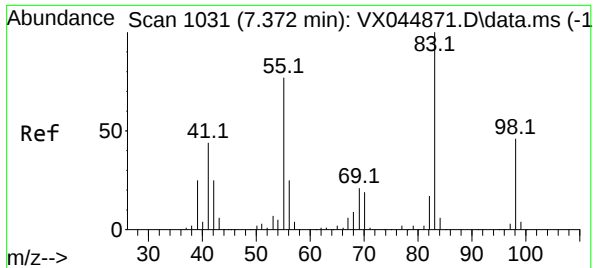
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#38
Carbon Tetrachloride
Concen: 49.565 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Tgt Ion:117 Resp: 82597
Ion Ratio Lower Upper
117 100
119 101.0 77.5 116.3
121 32.4 25.6 38.4





#39

Methylcyclohexane

Concen: 48.316 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045042.D

Acq: 25 Feb 2025 16:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 106224

Ion Ratio Lower Upper

83 100

55 78.3 61.3 91.9

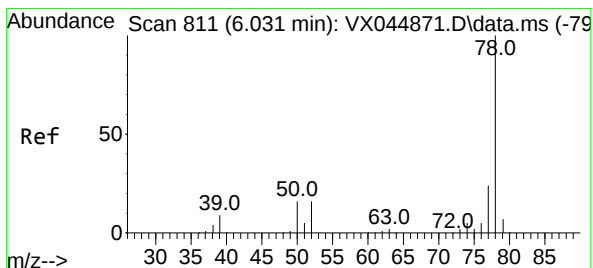
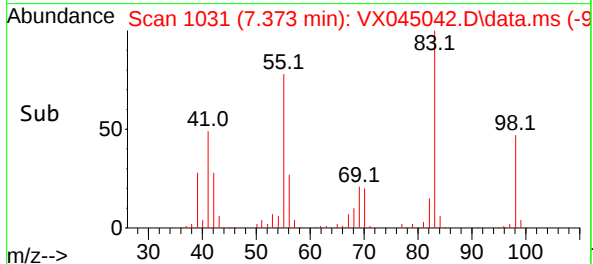
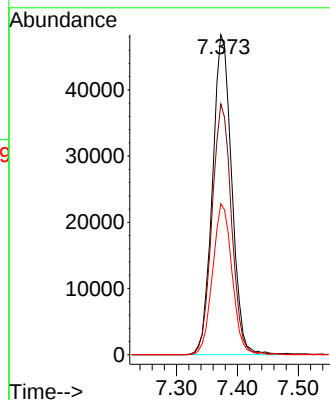
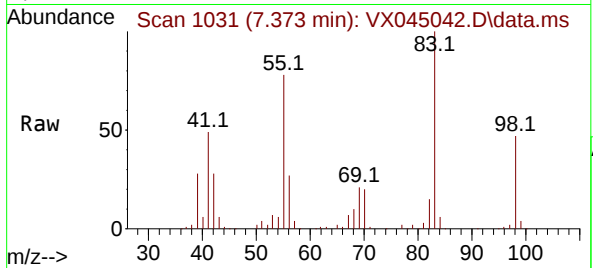
98 47.1 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#40

Benzene

Concen: 49.173 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045042.D

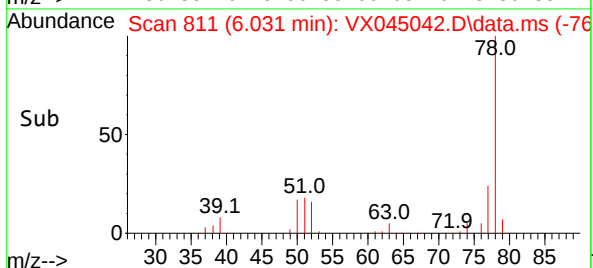
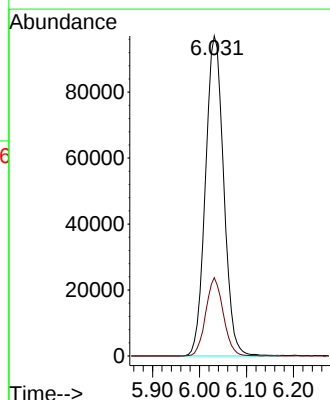
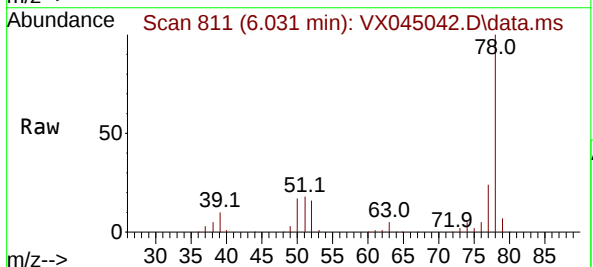
Acq: 25 Feb 2025 16:28

Tgt Ion: 78 Resp: 261113

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 60.575 ug/l
RT: 4.916 min Scan# 61329
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

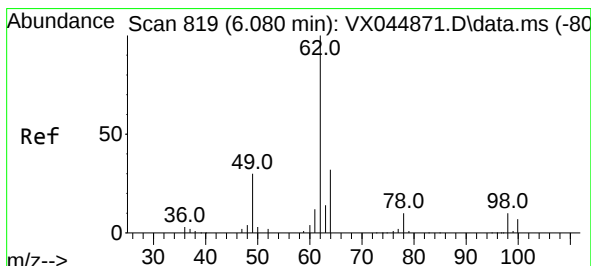
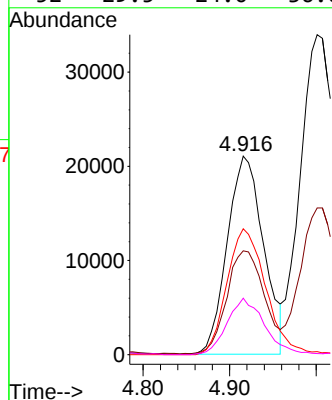
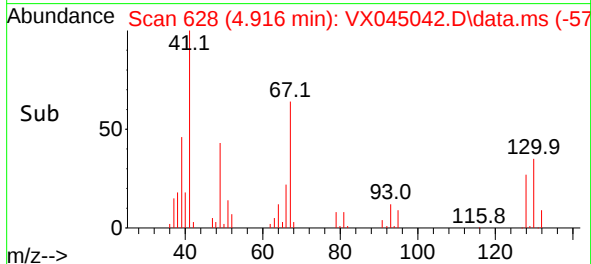
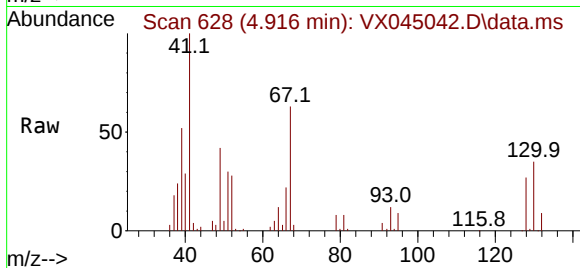
Tgt Ion: 41 Resp: 61329
Ion Ratio Lower Upper
41 100
39 53.8 43.1 64.7
67 68.3 57.0 85.6
52 29.5 24.0 36.0

Manual Integrations

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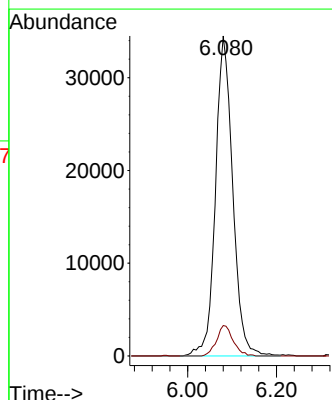
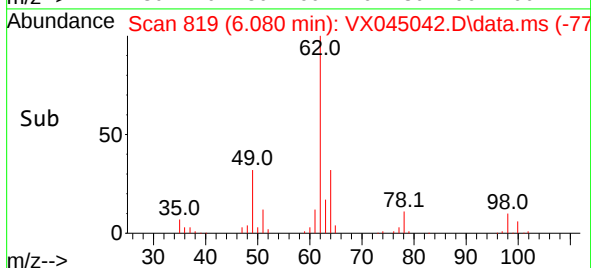
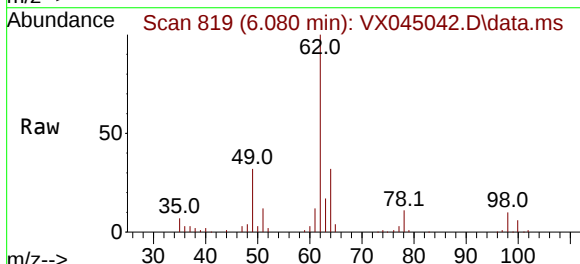
Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#42
1,2-Dichloroethane
Concen: 54.837 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

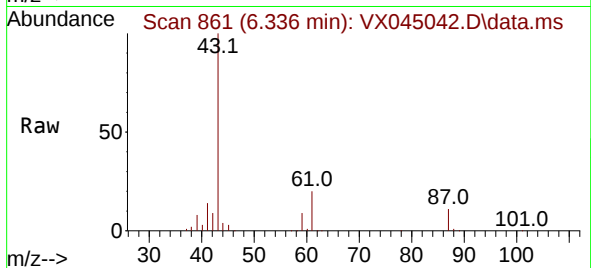
Tgt Ion: 62 Resp: 92805
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 54.640 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

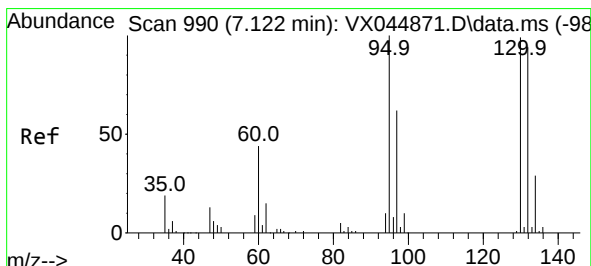
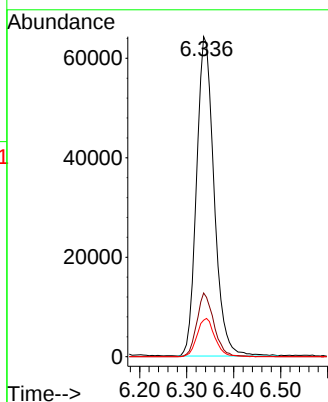
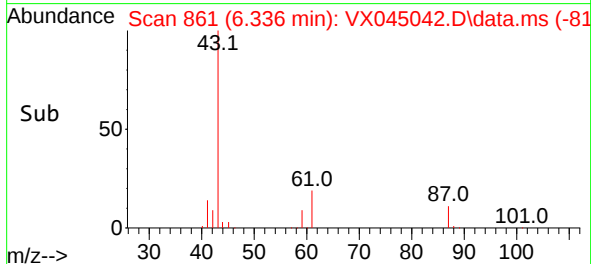
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16689
Ion Ratio Lower Upper
43 100
61 19.4 15.8 23.8
87 12.1 10.0 15.0

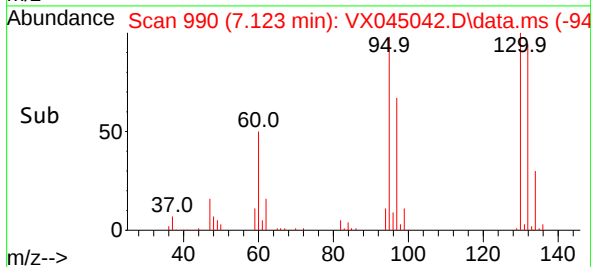
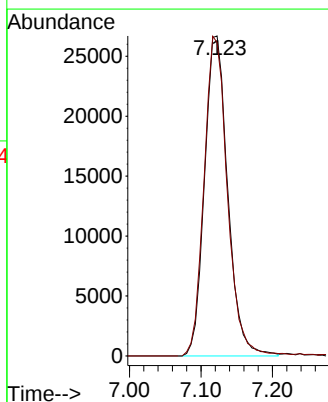
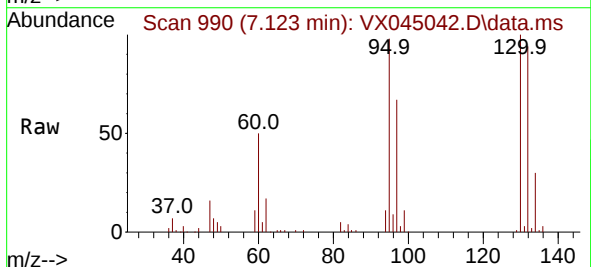
Manual Integrations
APPROVED

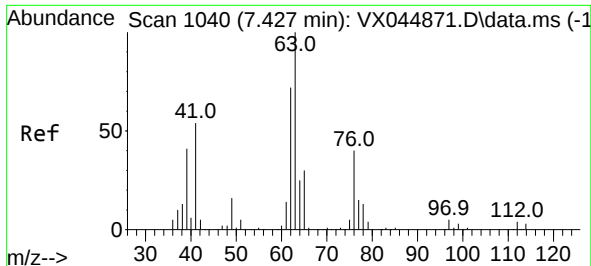
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#44
Trichloroethene
Concen: 49.623 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Tgt Ion:130 Resp: 60229
Ion Ratio Lower Upper
130 100
95 98.0 0.0 202.4





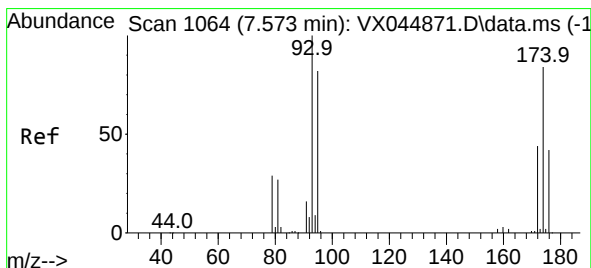
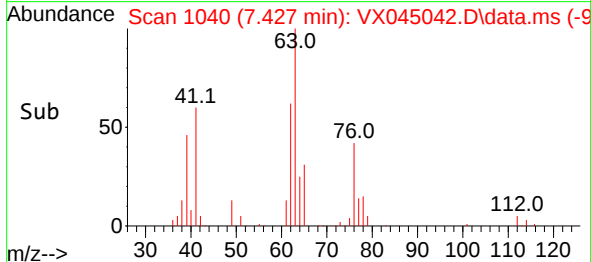
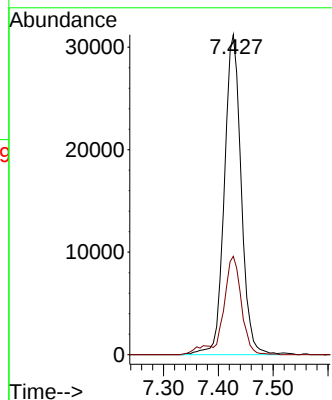
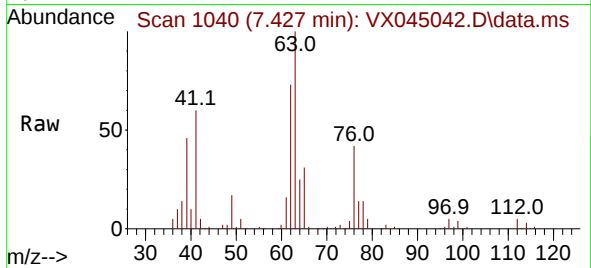
#45
1,2-Dichloropropane
Concen: 50.580 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 66819
Ion Ratio Lower Upper
63 100
65 30.7 24.2 36.4

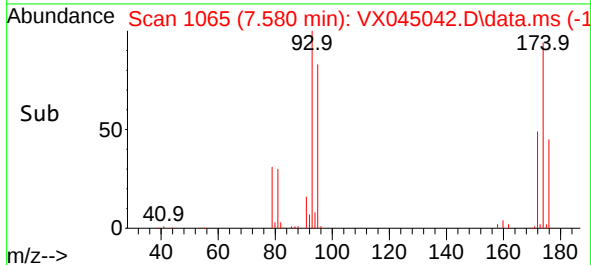
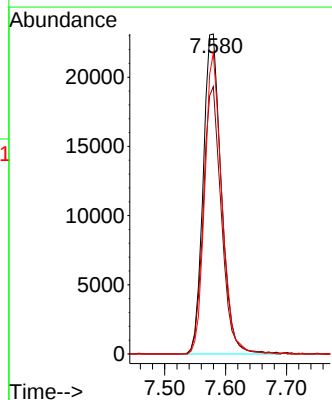
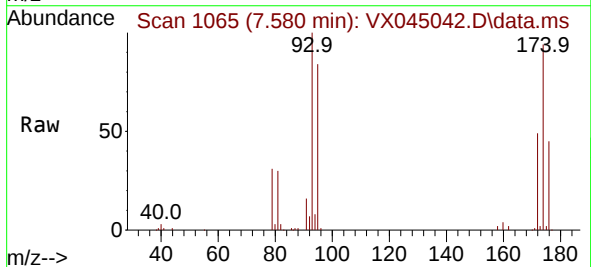
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#46
Dibromomethane
Concen: 52.418 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

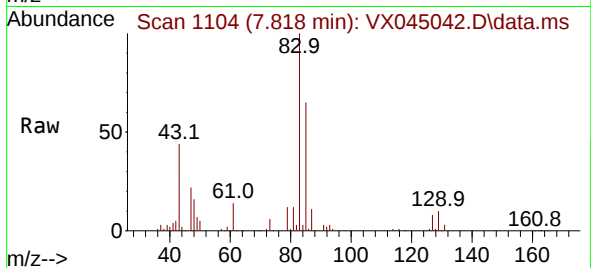
Tgt Ion: 93 Resp: 48023
Ion Ratio Lower Upper
93 100
95 82.5 66.2 99.4
174 88.8 69.9 104.9





#47
Bromodichloromethane
Concen: 53.860 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

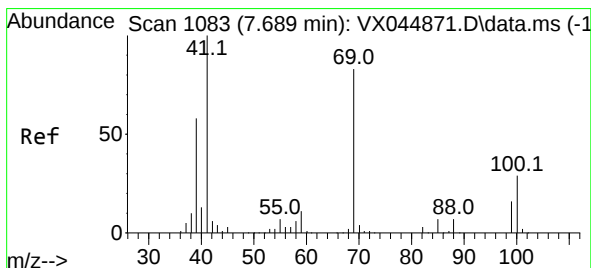
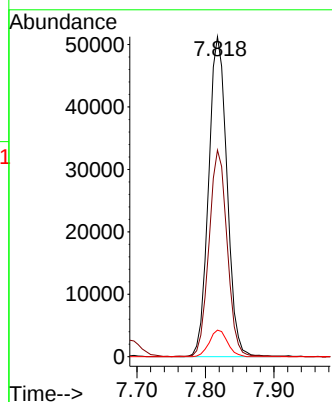
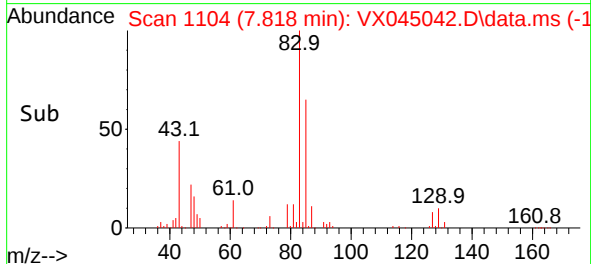
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



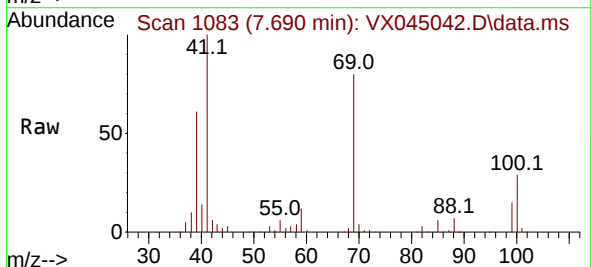
Tgt Ion: 83 Resp: 9554
Ion Ratio Lower Upper
83 100
85 64.4 50.0 75.0
127 8.3 6.4 9.6

Manual Integrations
APPROVED

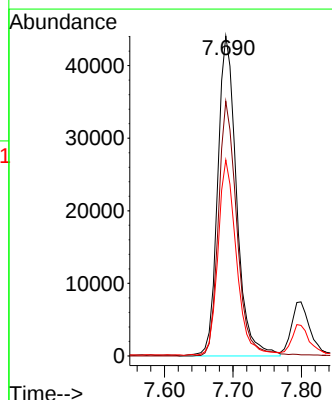
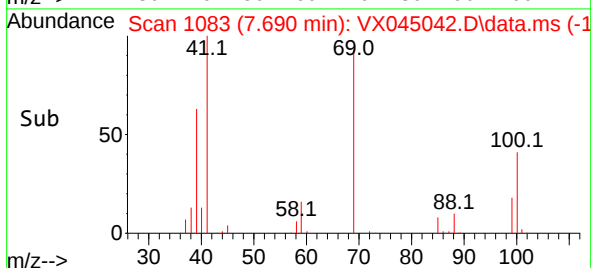
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

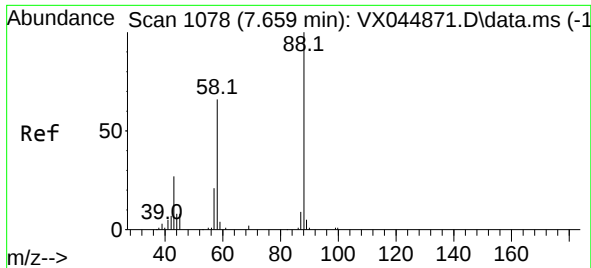


#48
Methyl methacrylate
Concen: 58.478 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



Tgt Ion: 41 Resp: 84221
Ion Ratio Lower Upper
41 100
69 77.6 65.8 98.8
39 59.4 46.4 69.6





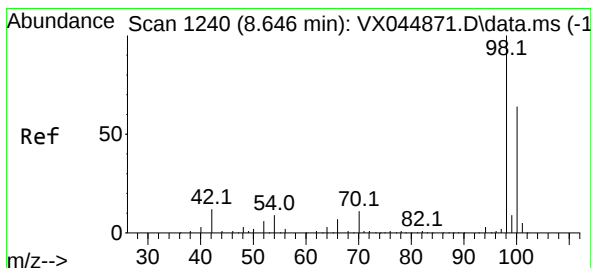
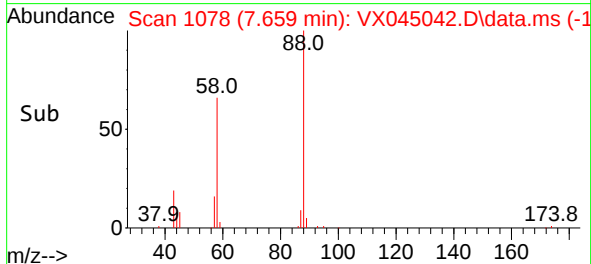
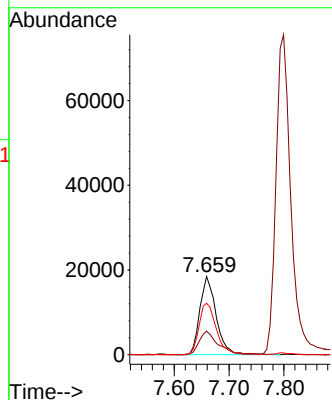
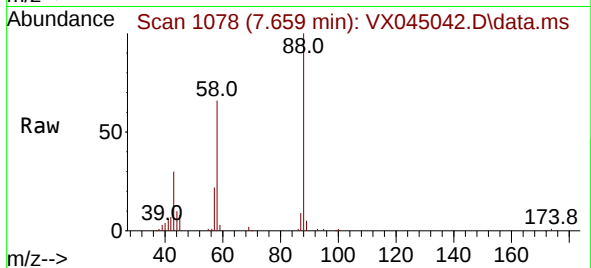
#49
1,4-Dioxane
Concen: 1235.809 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 38180
Ion Ratio Lower Upper
88 100
43 34.5 26.6 39.8
58 69.1 55.9 83.9

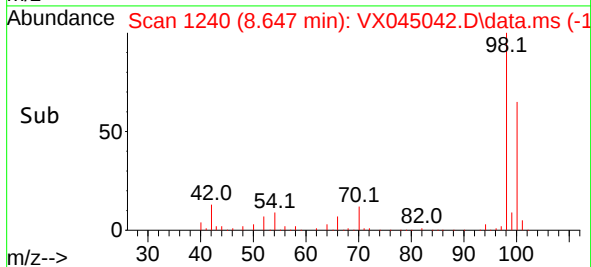
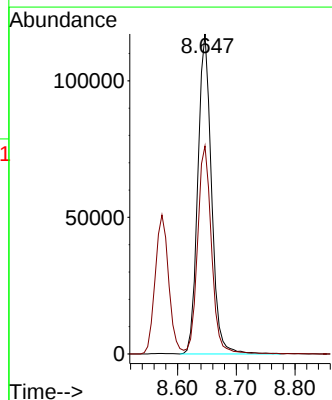
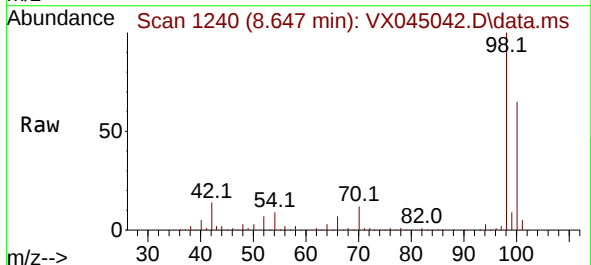
Manual Integrations
APPROVED

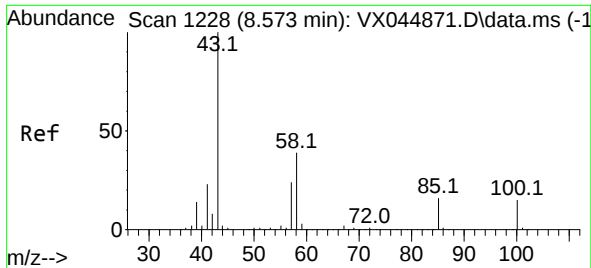
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#50
Toluene-d8
Concen: 42.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

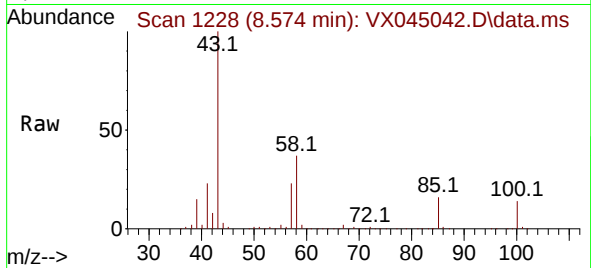
Tgt Ion: 98 Resp: 189599
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 314.005 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

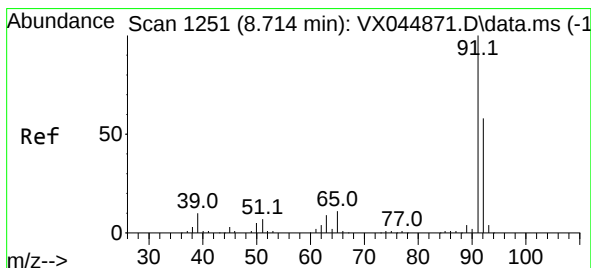
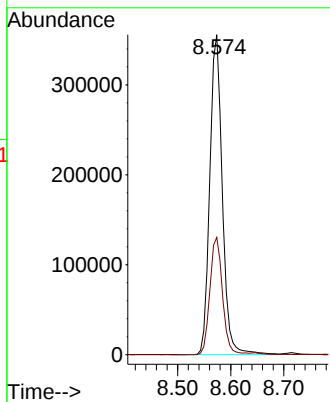
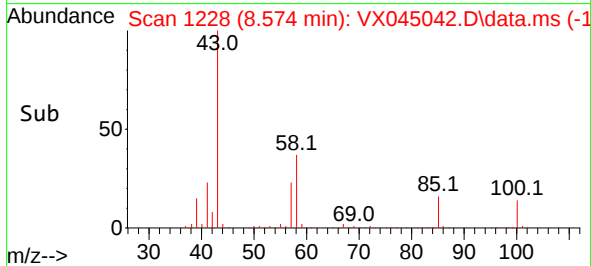
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 58308
Ion Ratio Lower Upper
43 100
58 37.0 30.8 46.2

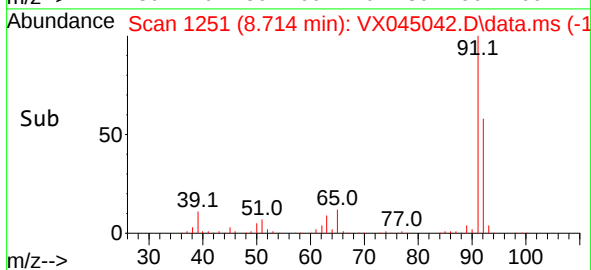
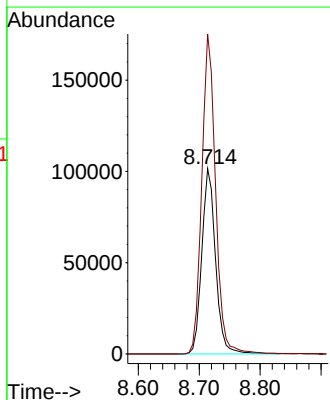
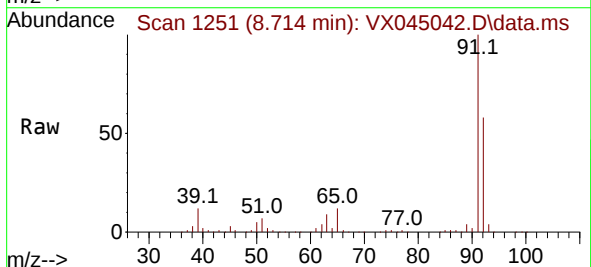
Manual Integrations
APPROVED

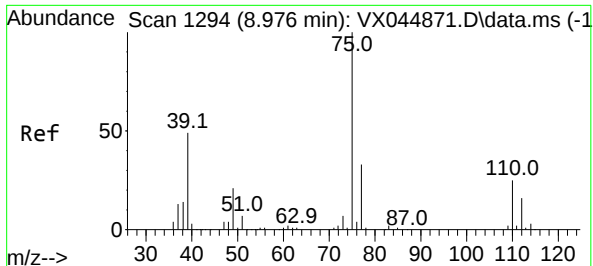
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#52
Toluene
Concen: 50.528 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

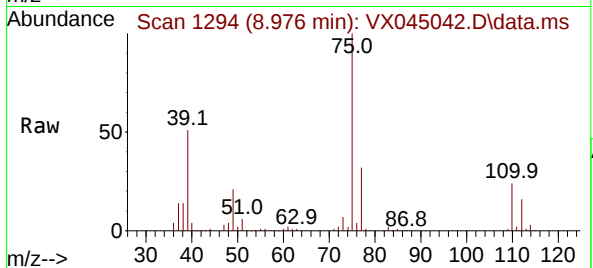
Tgt Ion: 92 Resp: 159793
Ion Ratio Lower Upper
92 100
91 172.8 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 49.754 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

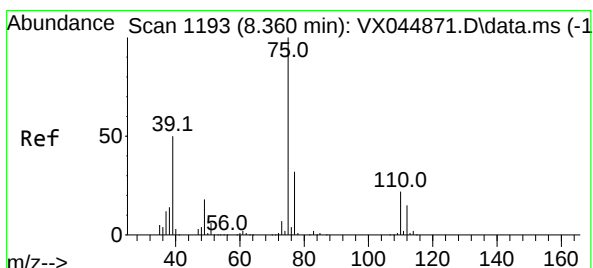
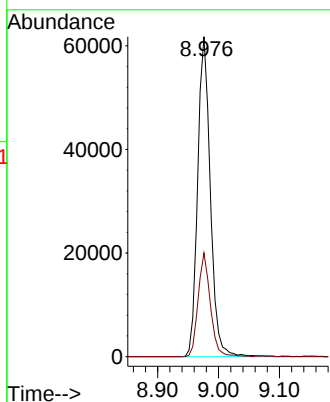
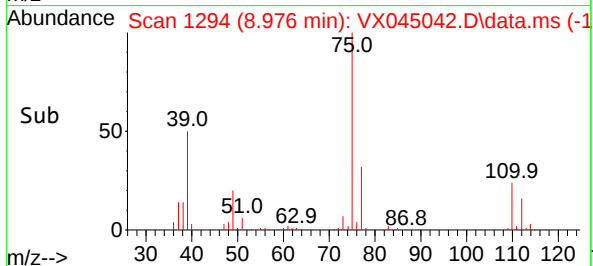
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



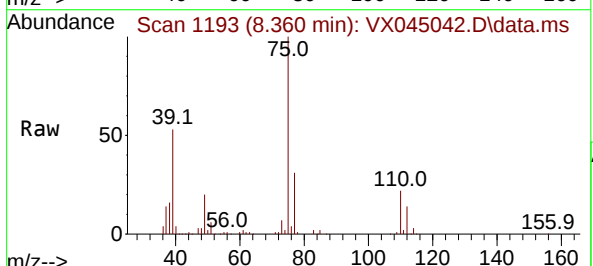
Tgt Ion: 75 Resp: 8931
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0

Manual Integrations
APPROVED

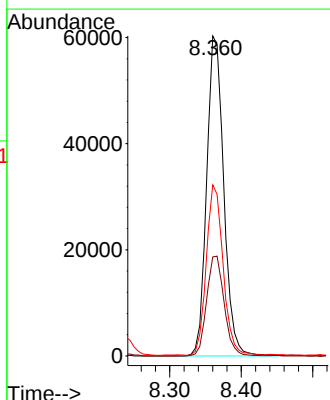
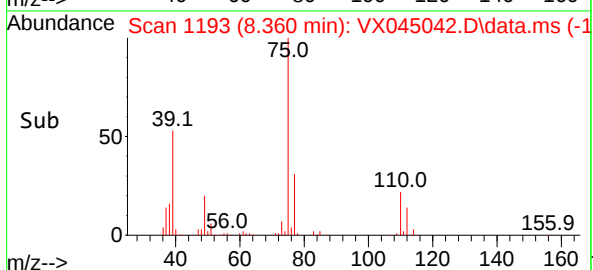
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#54
cis-1,3-Dichloropropene
Concen: 50.101 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



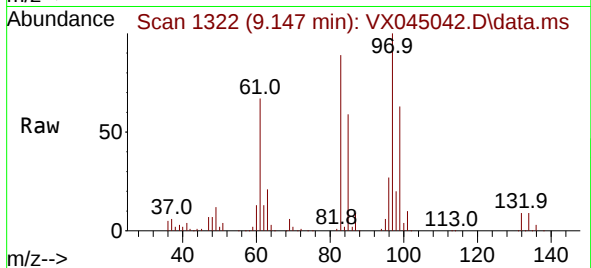
Tgt Ion: 75 Resp: 100279
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 53.1 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 53.170 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

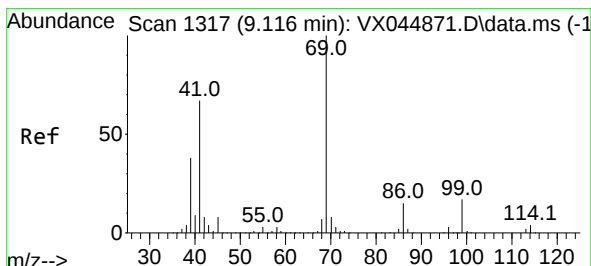
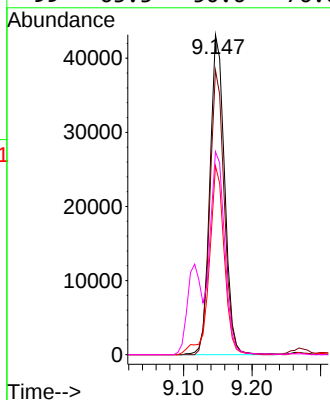
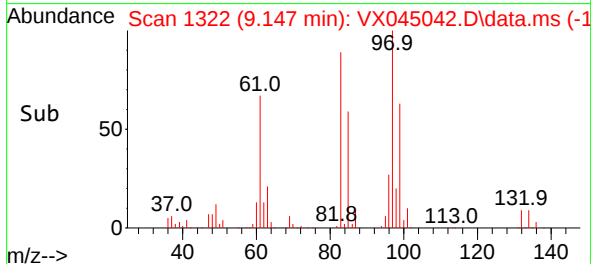
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



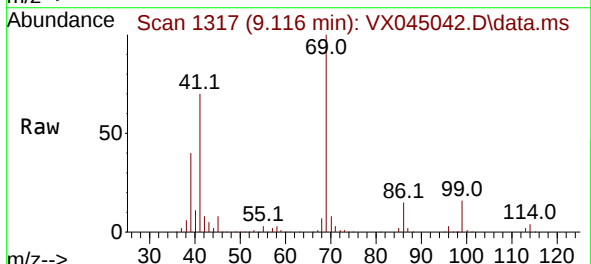
Tgt Ion: 97 Resp: 64638
Ion Ratio Lower Upper
97 100
83 88.9 69.8 104.6
85 59.0 44.8 67.2
99 63.3 50.6 76.0

Manual Integrations
APPROVED

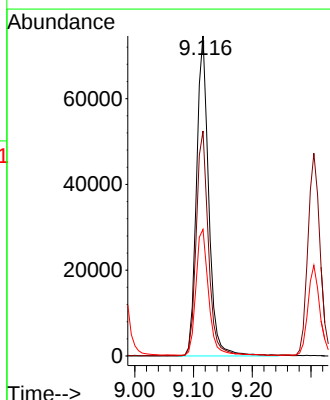
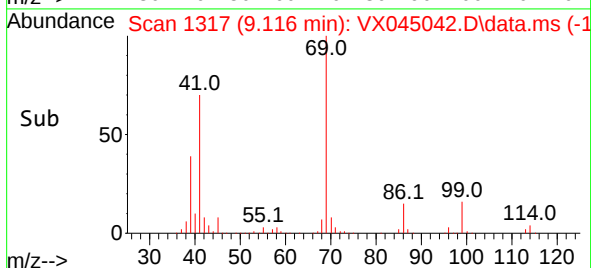
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

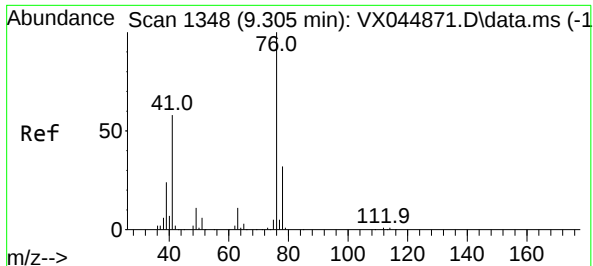


#56
Ethyl methacrylate
Concen: 54.804 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



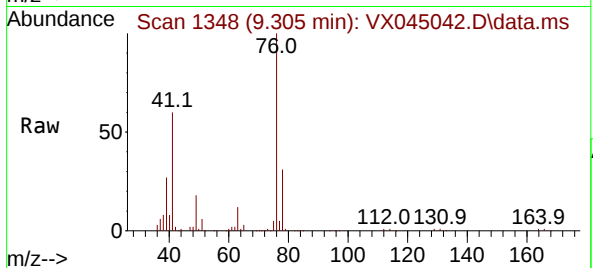
Tgt Ion: 69 Resp: 107605
Ion Ratio Lower Upper
69 100
41 70.2 55.2 82.8
39 41.0 30.8 46.2





#57
1,3-Dichloropropane
Concen: 52.787 ug/l
RT: 9.305 min Scan# 11228
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

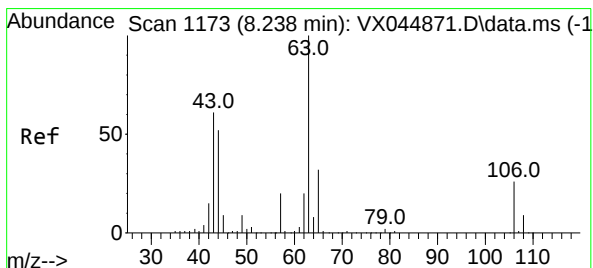
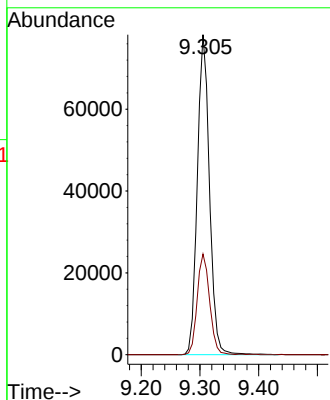
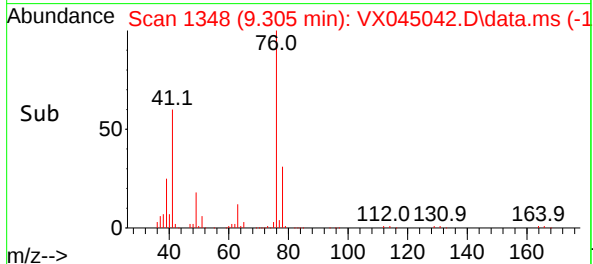
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 11228
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.8

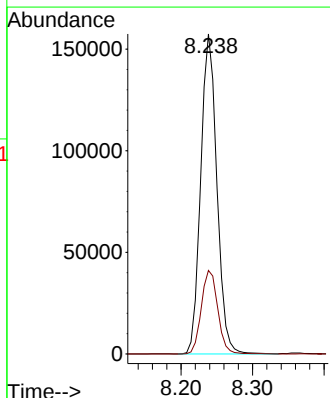
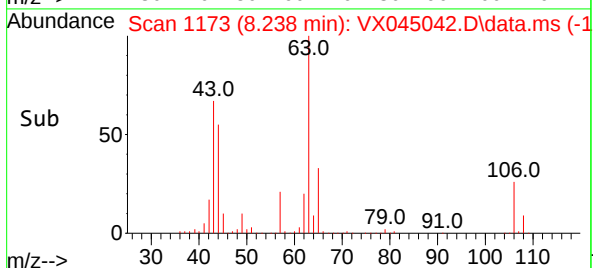
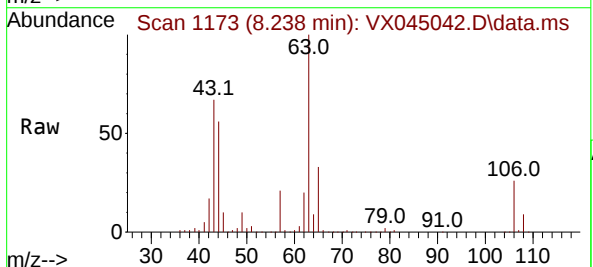
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 256.347 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

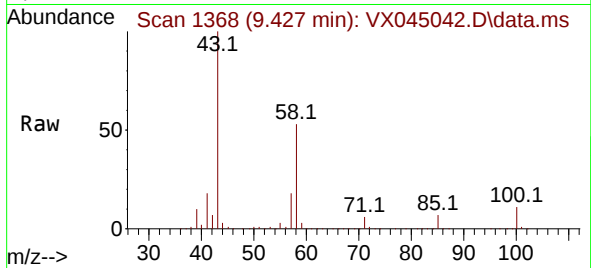
Tgt Ion: 63 Resp: 247138
Ion Ratio Lower Upper
63 100
106 26.5 21.3 31.9





#59
2-Hexanone
Concen: 323.037 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

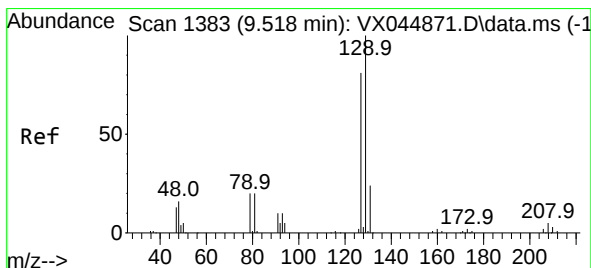
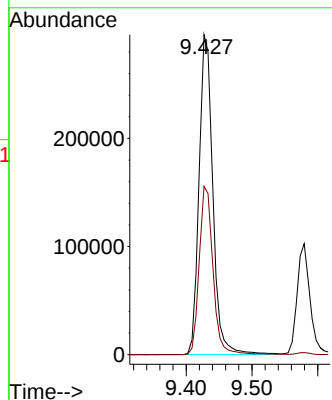
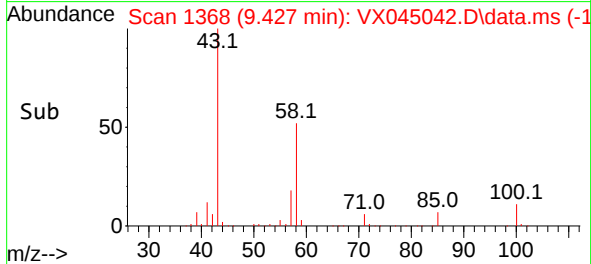
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



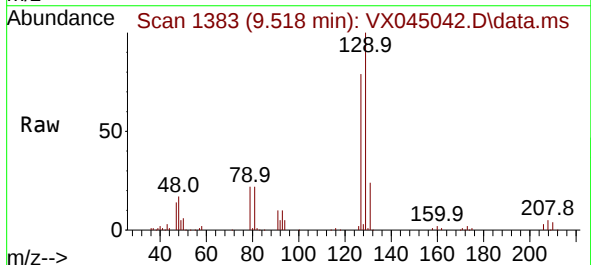
Tgt Ion: 43 Resp: 432200
Ion Ratio Lower Upper
43 100
58 52.8 27.5 82.4

Manual Integrations
APPROVED

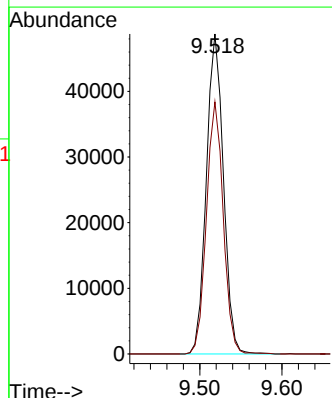
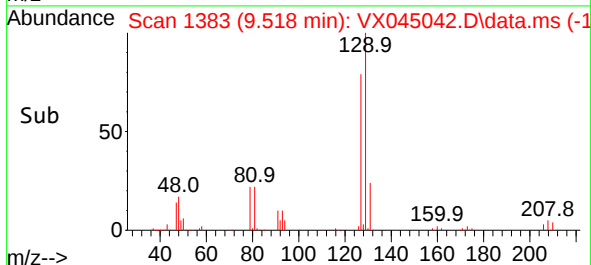
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#60
Dibromochloromethane
Concen: 54.145 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



Tgt Ion:129 Resp: 70395
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





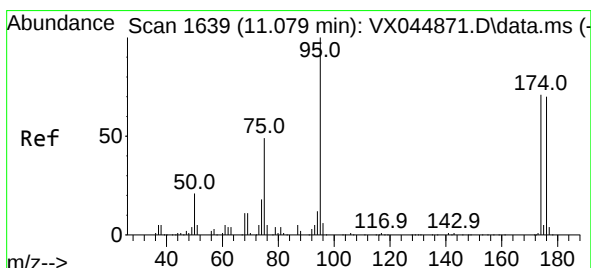
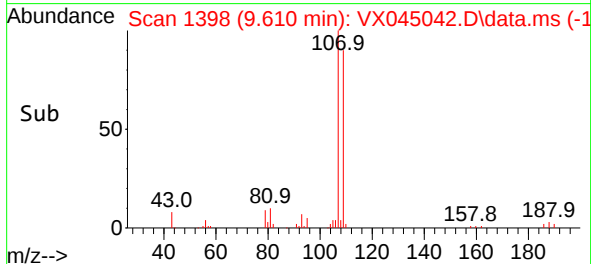
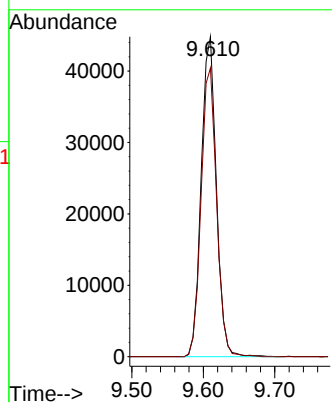
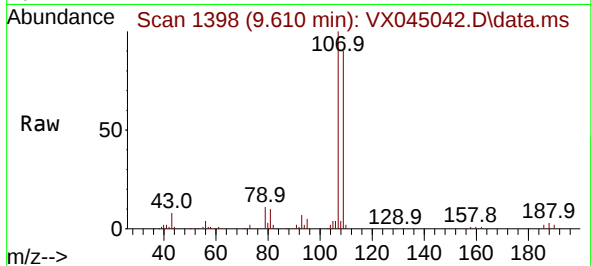
#61
1,2-Dibromoethane
Concen: 53.373 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 65764
Ion Ratio Lower Upper
107 100
109 92.3 75.9 113.9

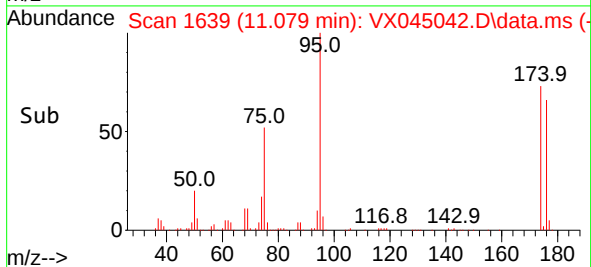
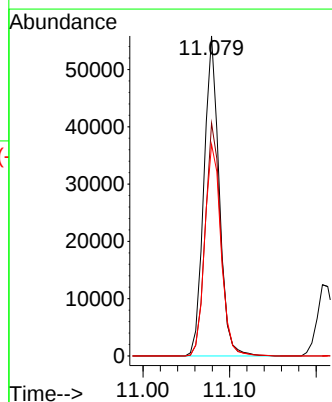
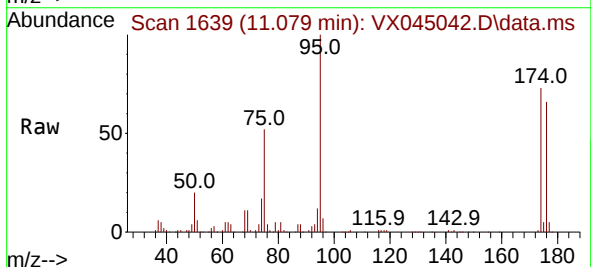
Manual Integrations
APPROVED

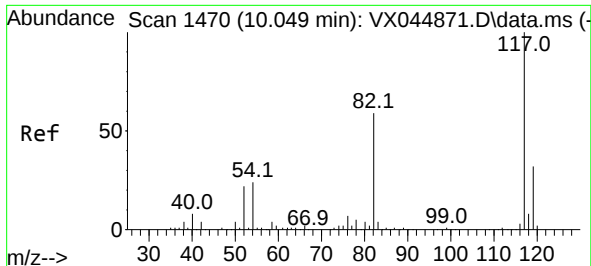
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#62
4-Bromofluorobenzene
Concen: 45.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Tgt Ion: 95 Resp: 68375
Ion Ratio Lower Upper
95 100
174 74.0 0.0 142.6
176 70.4 0.0 141.6





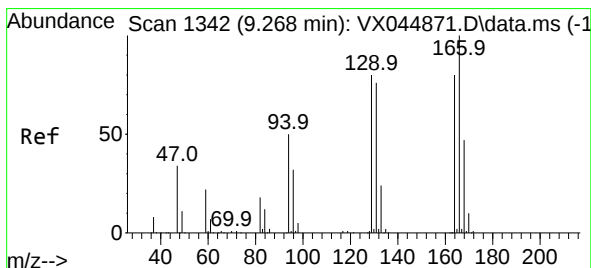
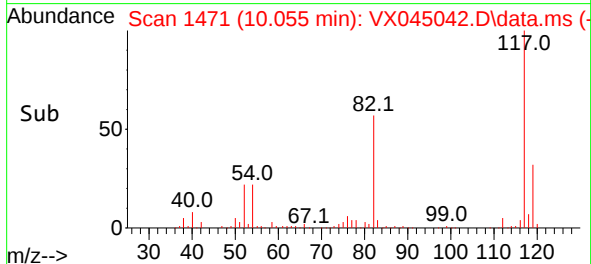
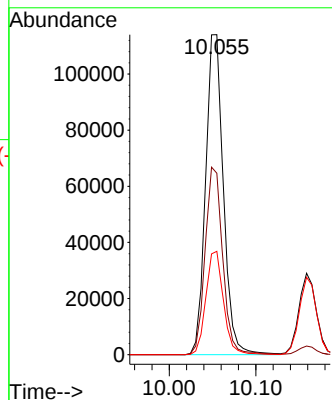
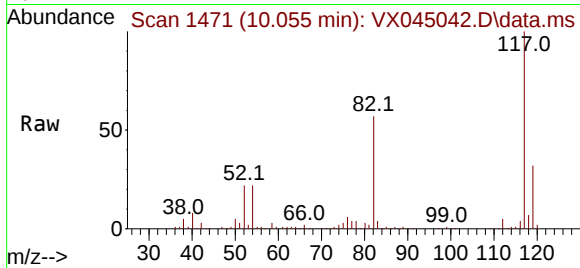
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 162818
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 32.3 25.4 38.0

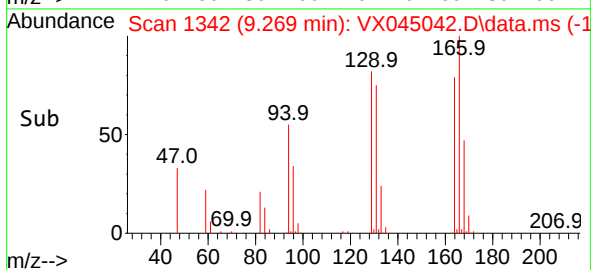
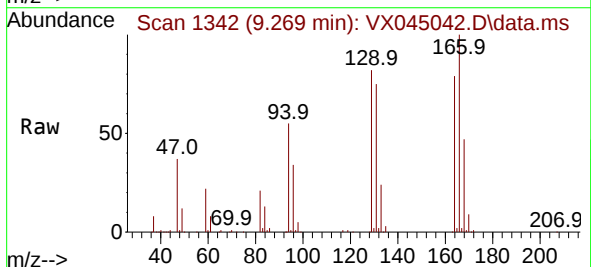
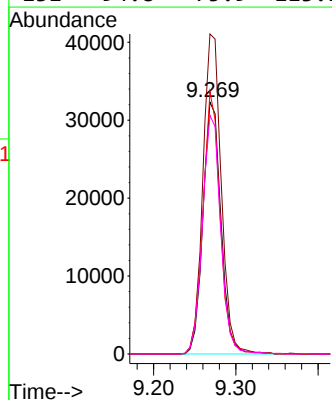
Manual Integrations
APPROVED

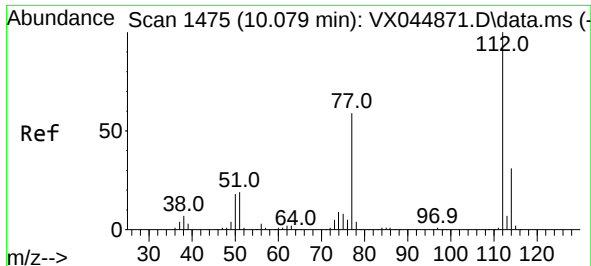
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#64
Tetrachloroethene
Concen: 47.807 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

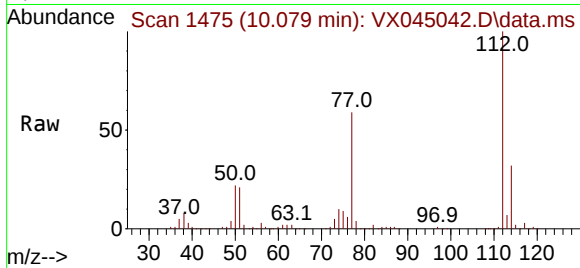
Tgt Ion:164 Resp: 49089
Ion Ratio Lower Upper
164 100
166 127.1 100.4 150.6
129 104.1 79.9 119.9
131 94.8 75.9 113.9





#65
Chlorobenzene
Concen: 50.041 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

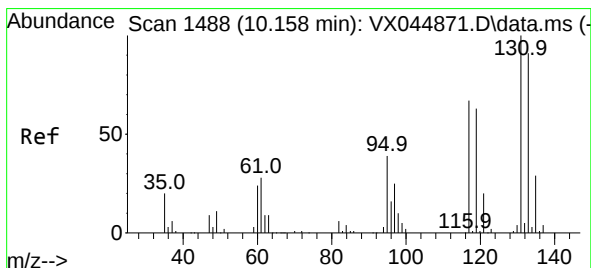
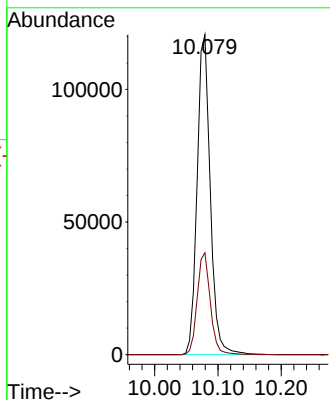
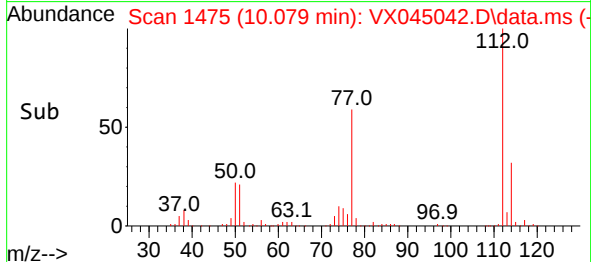
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



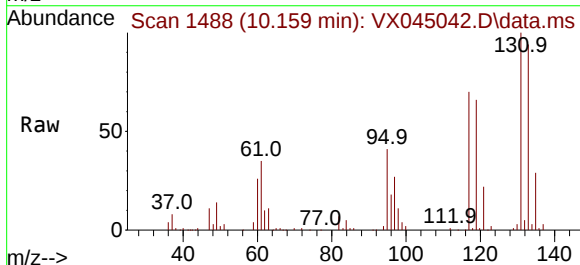
Tgt Ion:112 Resp: 17498
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6

Manual Integrations
APPROVED

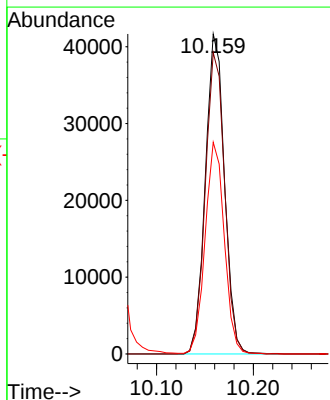
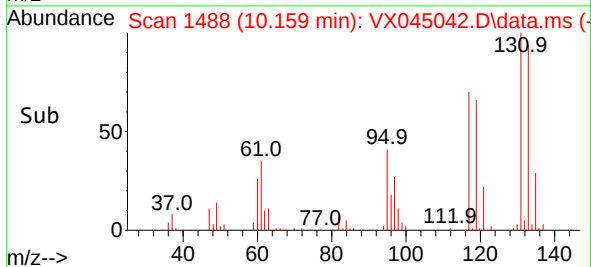
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

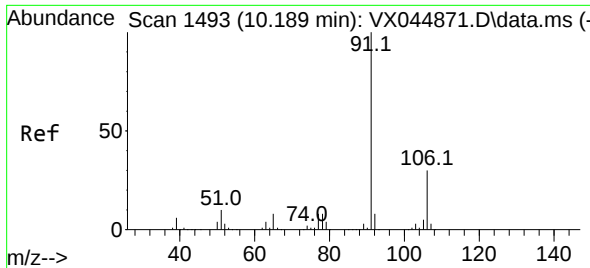


#66
1,1,1,2-Tetrachloroethane
Concen: 51.070 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



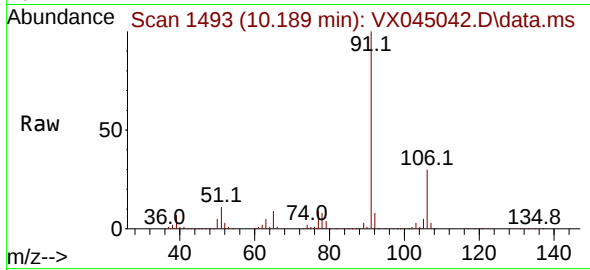
Tgt Ion:131 Resp: 57484
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.3
119 66.2 33.6 100.6





#67
Ethyl Benzene
Concen: 49.830 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

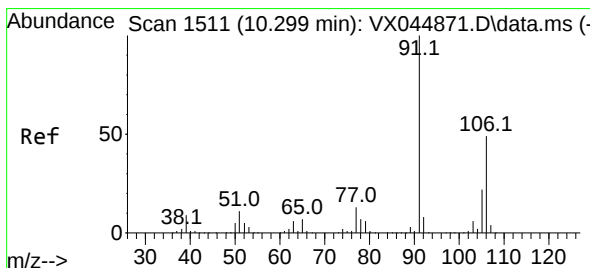
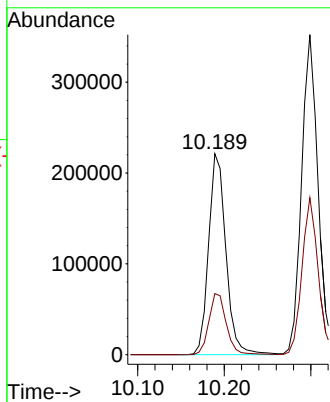
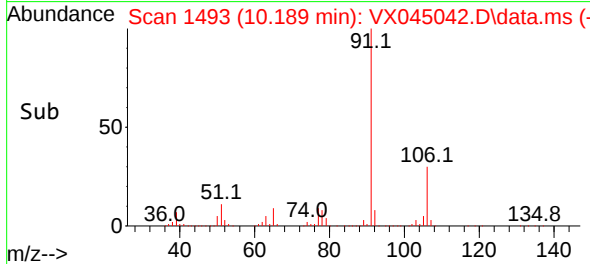
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



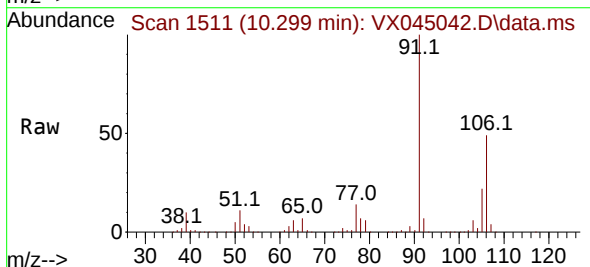
Tgt Ion: 91 Resp: 30751
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9

Manual Integrations
APPROVED

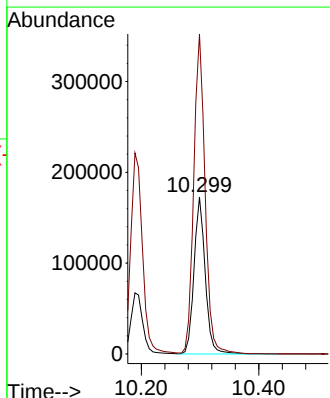
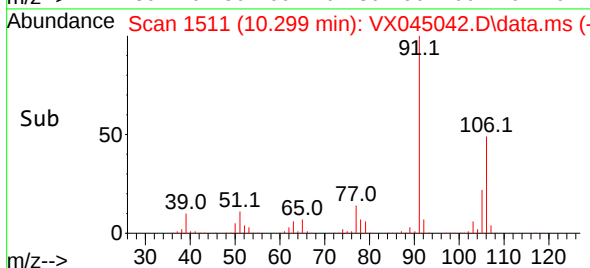
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

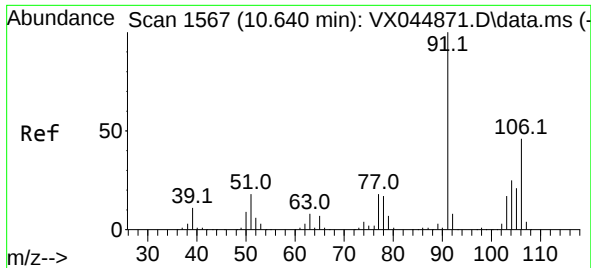


#68
m/p-Xylenes
Concen: 100.639 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



Tgt Ion:106 Resp: 229102
Ion Ratio Lower Upper
106 100
91 206.0 164.3 246.5





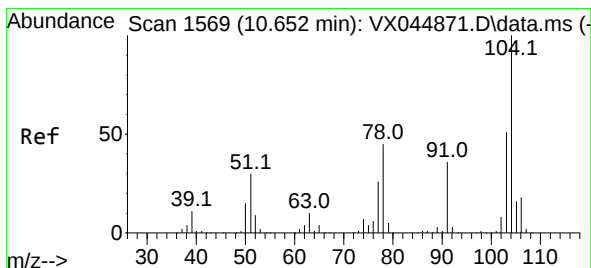
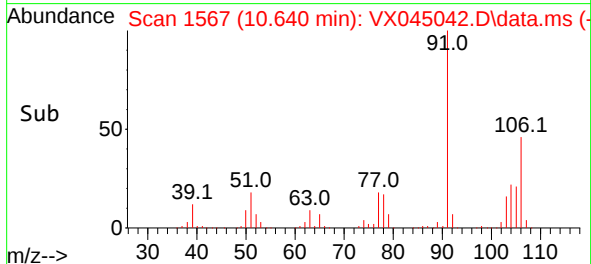
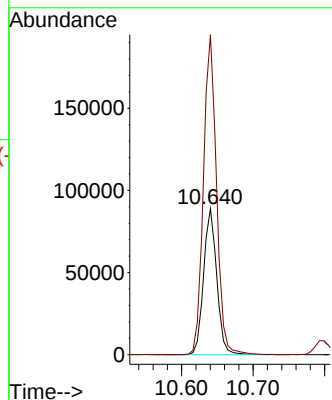
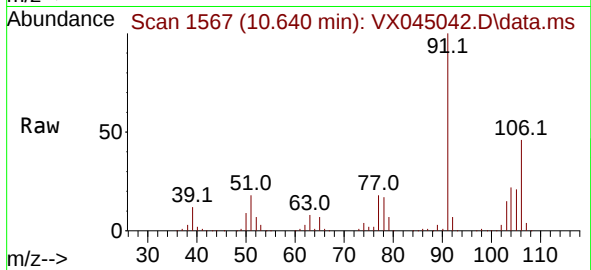
#69
o-Xylene
Concen: 49.701 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 11353
Ion Ratio Lower Upper
106 100
91 218.4 108.5 325.5

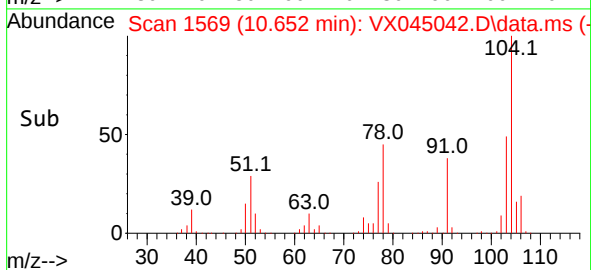
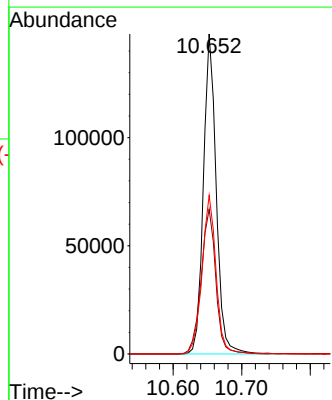
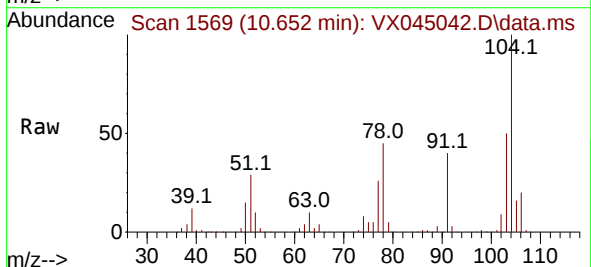
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#70
Styrene
Concen: 52.483 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Tgt Ion:104 Resp: 193148
Ion Ratio Lower Upper
104 100
78 51.8 40.5 60.7
103 54.2 43.6 65.4





#71

Bromoform

Concen: 54.990 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045042.D

Acq: 25 Feb 2025 16:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

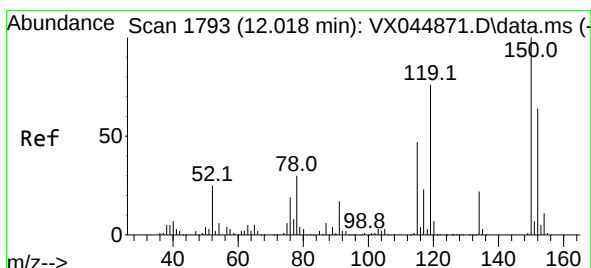
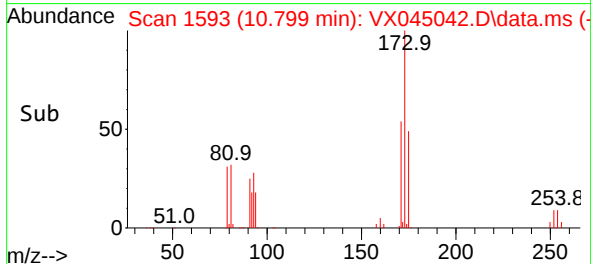
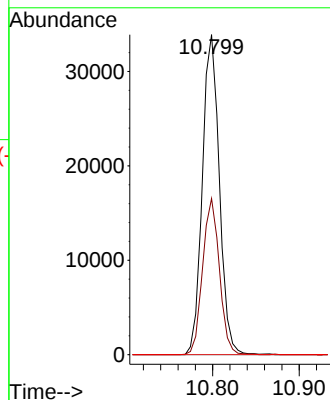
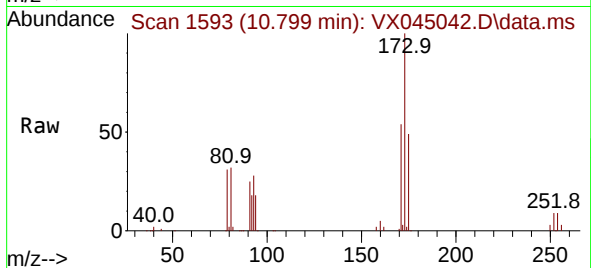
Tgt Ion:173 Resp: 46194
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.3 72.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

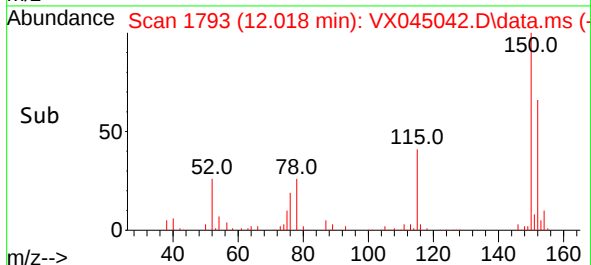
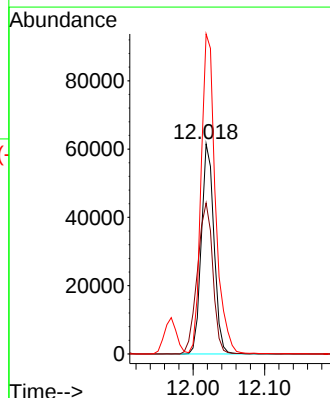
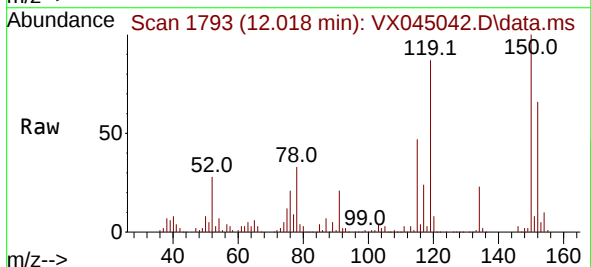
RT: 12.018 min Scan# 1793

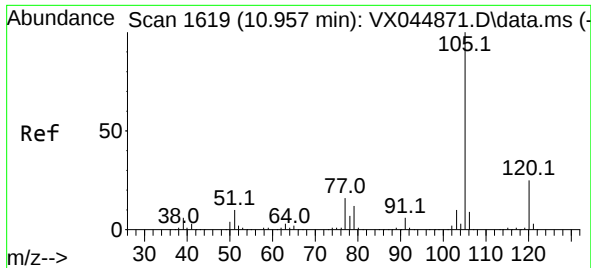
Delta R.T. 0.000 min

Lab File: VX045042.D

Acq: 25 Feb 2025 16:28

Tgt Ion:152 Resp: 75432
 Ion Ratio Lower Upper
 152 100
 115 87.7 43.4 130.1
 150 172.4 0.0 350.4





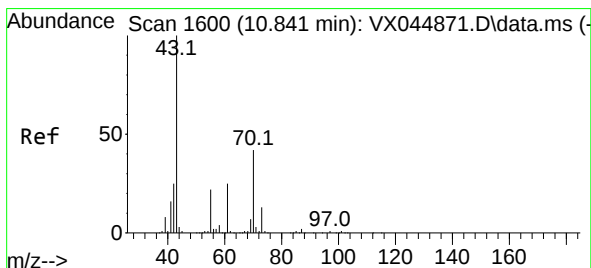
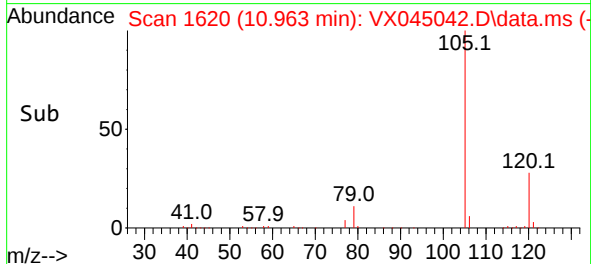
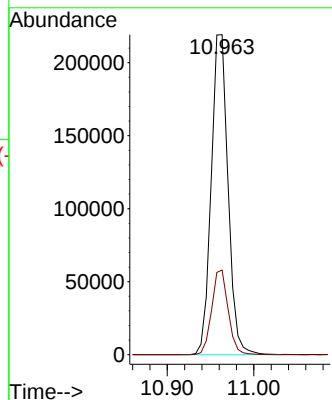
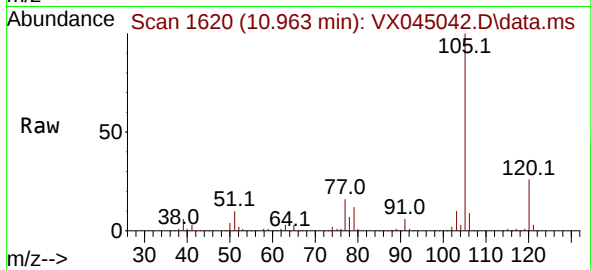
#73
Isopropylbenzene
Concen: 48.748 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 296079
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

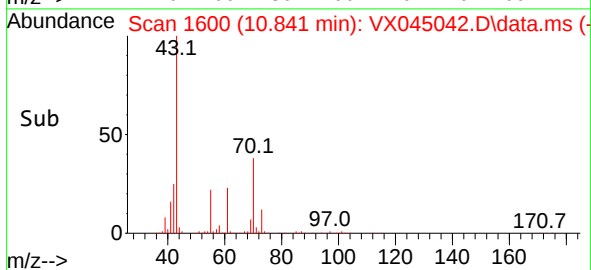
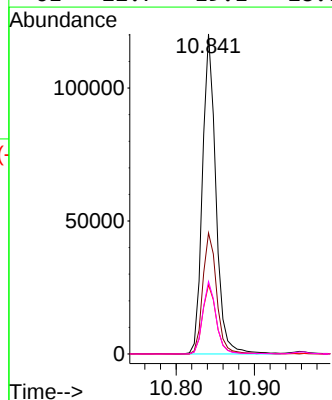
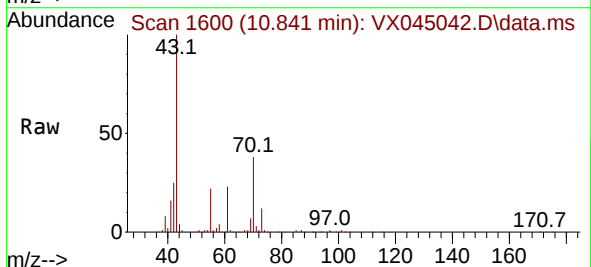
Manual Integrations
APPROVED

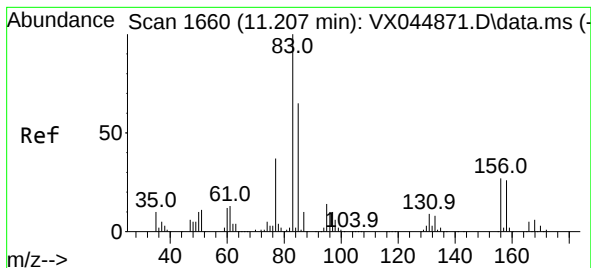
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#74
N-amy1 acetate
Concen: 52.132 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Tgt Ion: 43 Resp: 143282
Ion Ratio Lower Upper
43 100
70 39.1 33.7 50.5
55 22.3 18.6 27.8
61 22.7 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.649 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX045042.D

Acq: 25 Feb 2025 16:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 105710

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.5

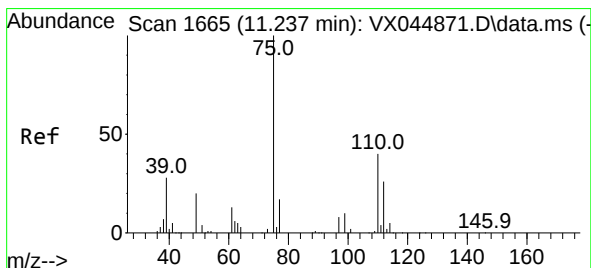
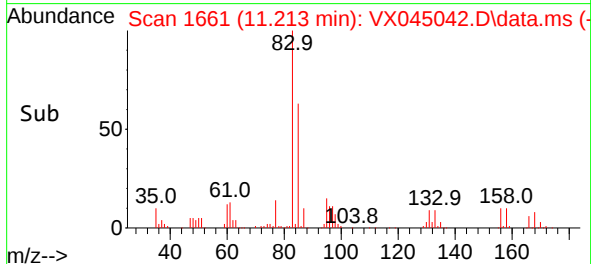
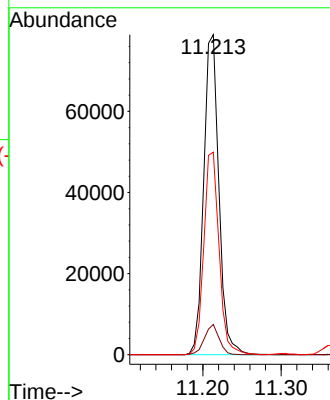
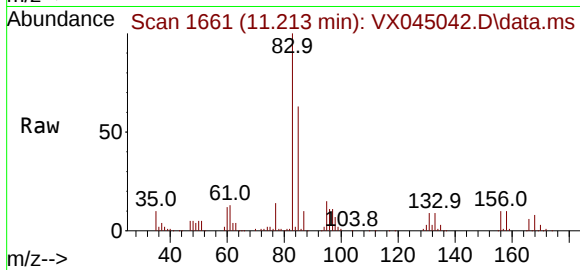
85 63.8 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#76

1,2,3-Trichloropropane

Concen: 51.941 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX045042.D

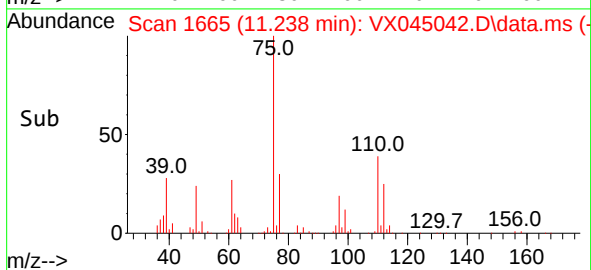
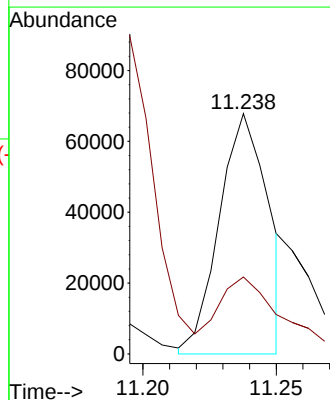
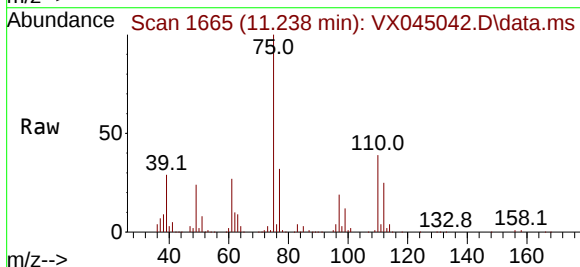
Acq: 25 Feb 2025 16:28

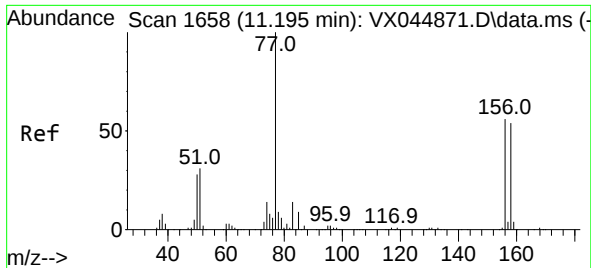
Tgt Ion: 75 Resp: 86868

Ion Ratio Lower Upper

75 100

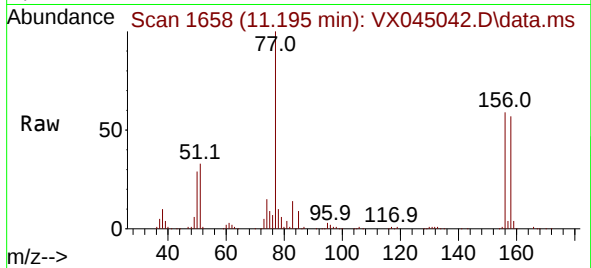
77 41.8 21.9 65.7





#77
Bromobenzene
Concen: 49.685 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

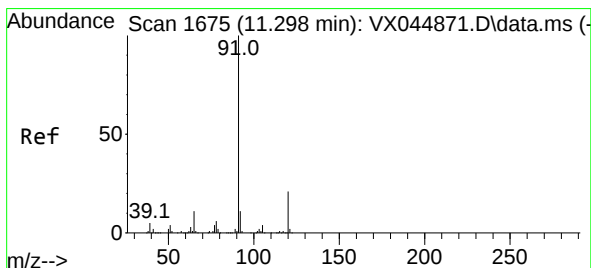
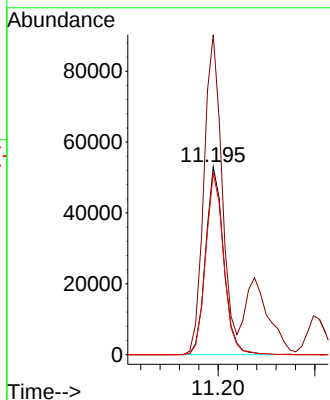
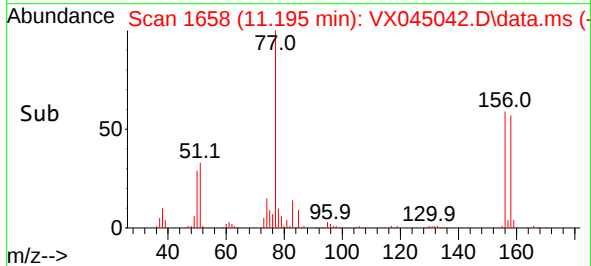
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



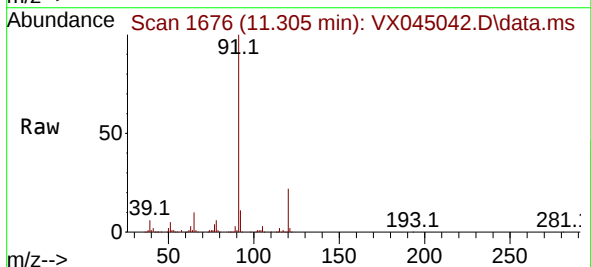
Tgt Ion:156 Resp: 68410
Ion Ratio Lower Upper
156 100
77 171.7 88.4 265.3
158 97.4 48.4 145.2

Manual Integrations
APPROVED

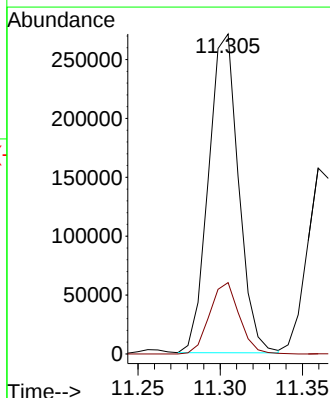
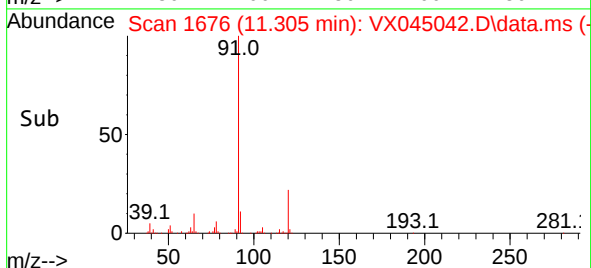
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

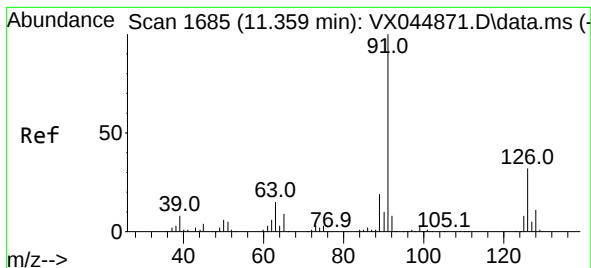


#78
n-propylbenzene
Concen: 49.208 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



Tgt Ion: 91 Resp: 344974
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





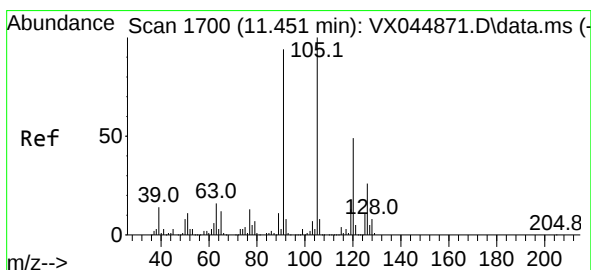
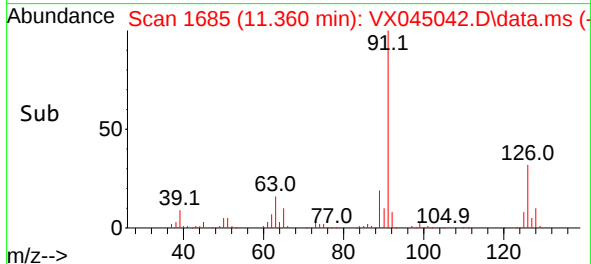
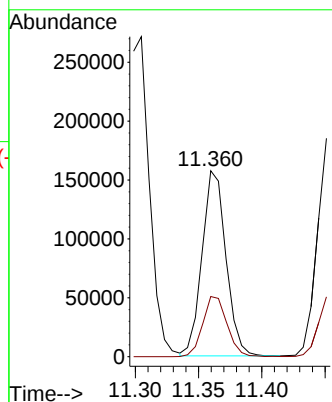
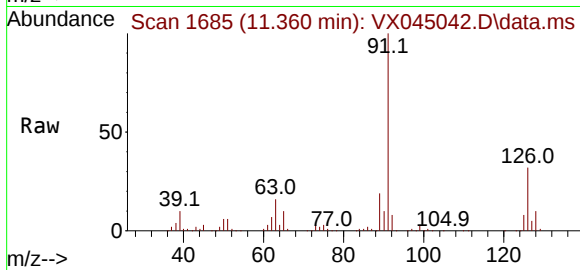
#79
2-Chlorotoluene
Concen: 48.064 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 207089
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6

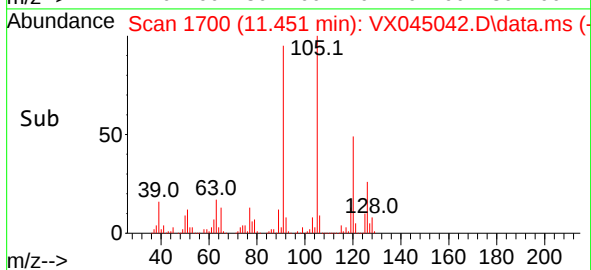
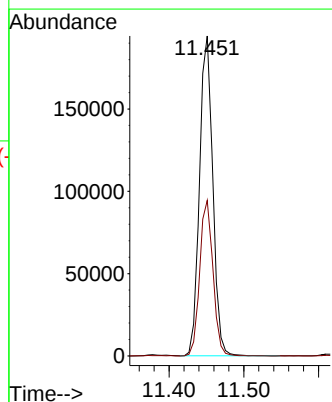
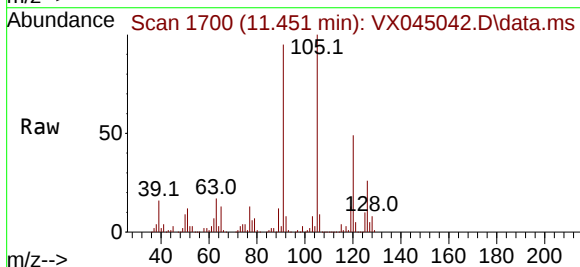
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.584 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Tgt Ion:105 Resp: 239463
Ion Ratio Lower Upper
105 100
120 48.6 24.0 72.0





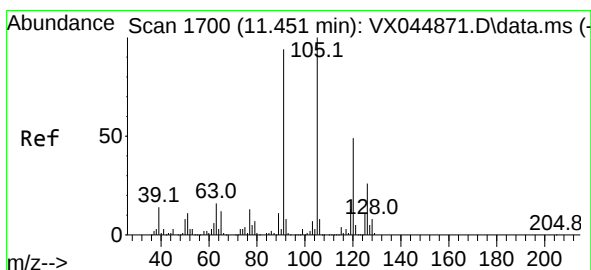
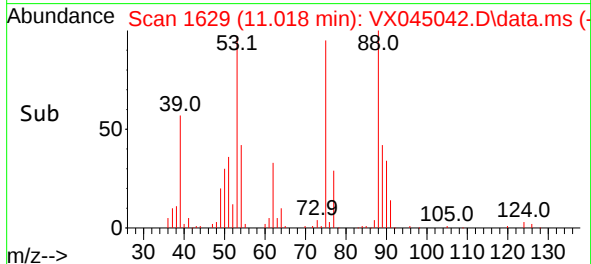
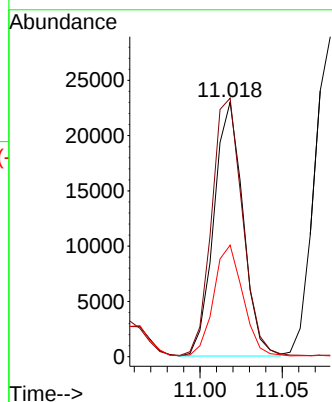
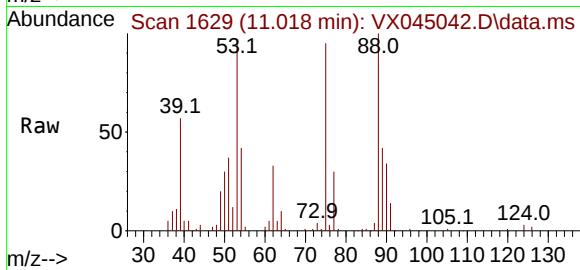
#81
trans-1,4-Dichloro-2-butene
Concen: 43.508 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2828
Ion Ratio Lower Upper
75 100
53 107.6 78.0 117.0
89 43.8 36.6 54.8

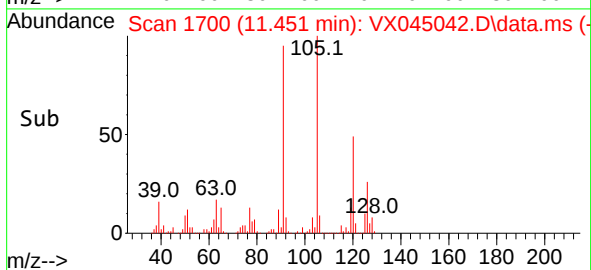
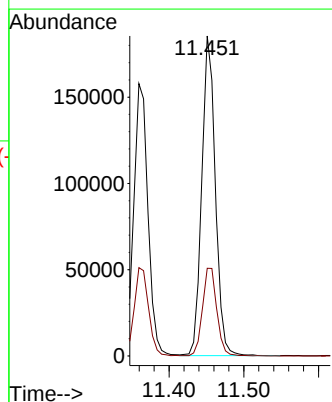
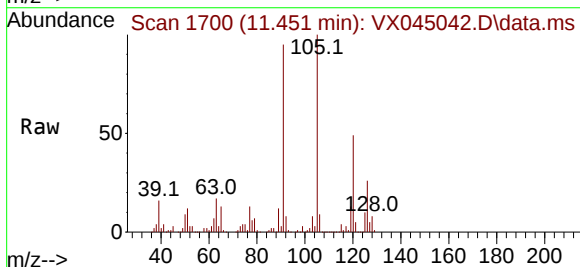
Manual Integrations
APPROVED

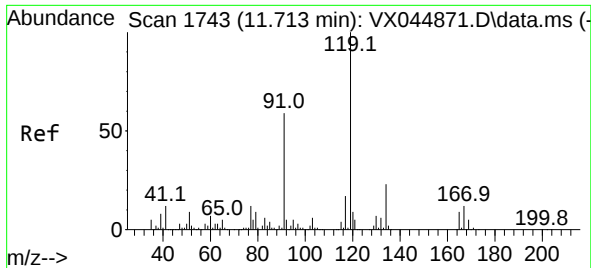
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#82
4-Chlorotoluene
Concen: 48.941 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Tgt Ion: 91 Resp: 233290
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





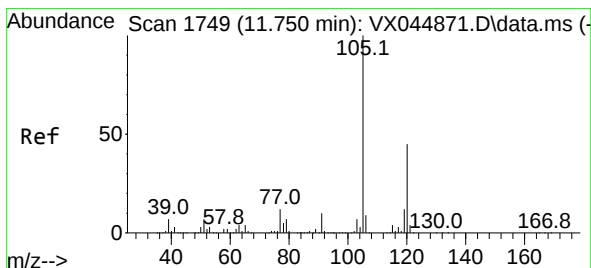
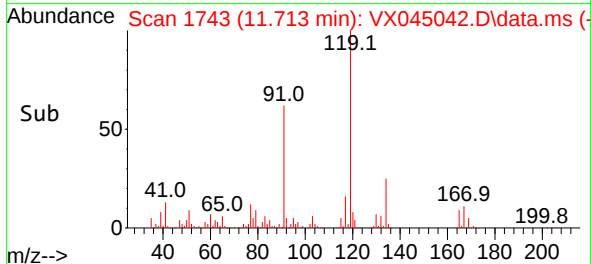
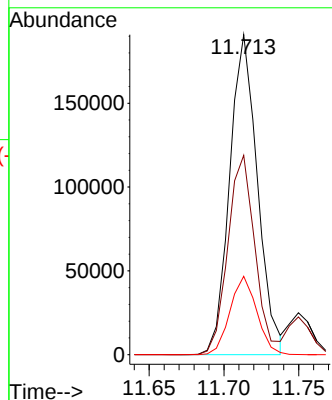
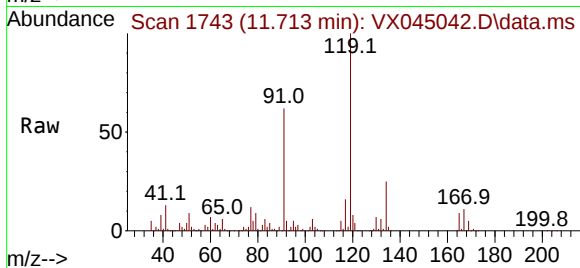
#83
tert-Butylbenzene
Concen: 49.578 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 247209
Ion Ratio Lower Upper
119 100
91 61.0 29.1 87.4
134 23.6 11.5 34.5

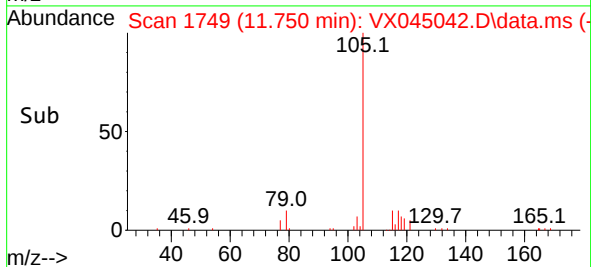
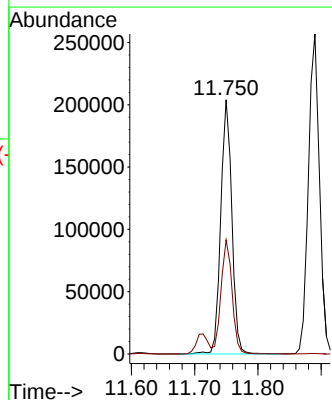
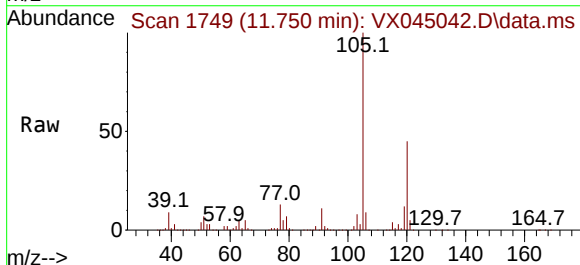
Manual Integrations
APPROVED

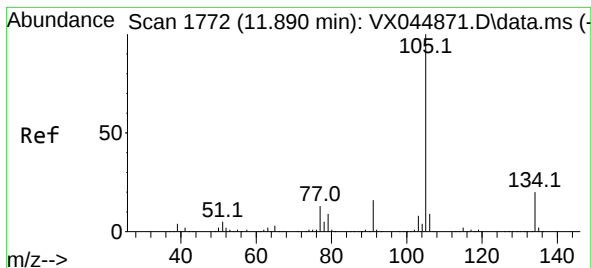
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#84
1,2,4-Trimethylbenzene
Concen: 50.676 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

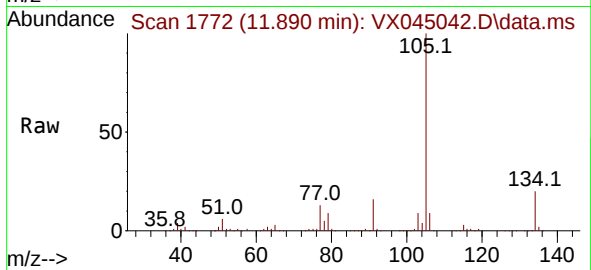
Tgt Ion:105 Resp: 246524
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 50.503 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045042.D
 Acq: 25 Feb 2025 16:28

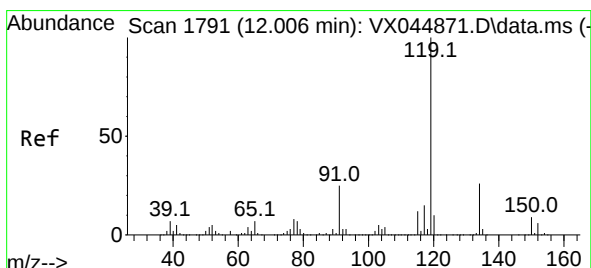
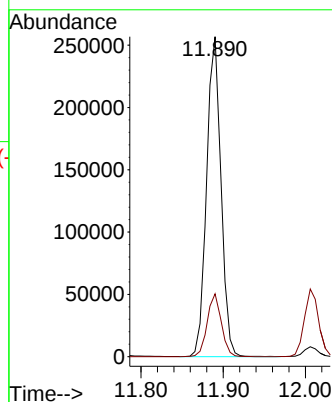
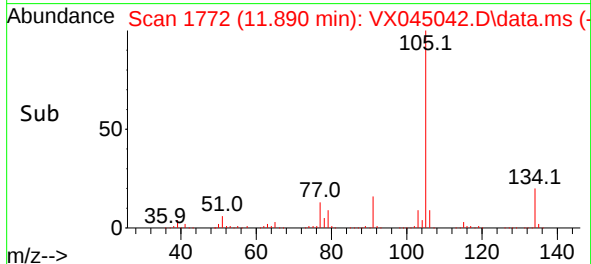
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



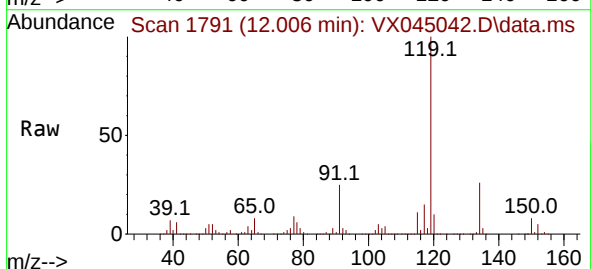
Tgt Ion:105 Resp: 311825
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

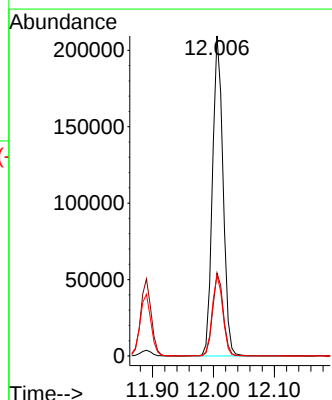
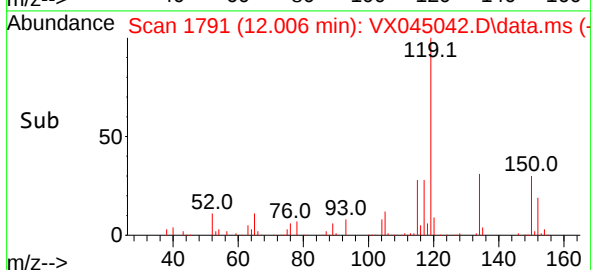
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#86
 p-Isopropyltoluene
 Concen: 50.912 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045042.D
 Acq: 25 Feb 2025 16:28



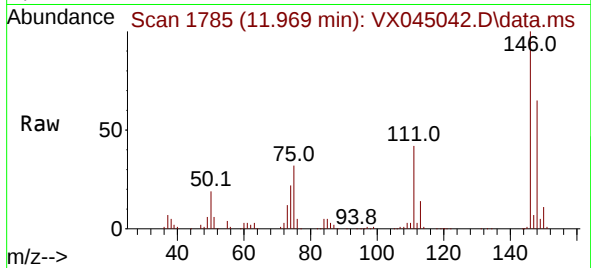
Tgt Ion:119 Resp: 252793
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 25.3 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 48.698 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

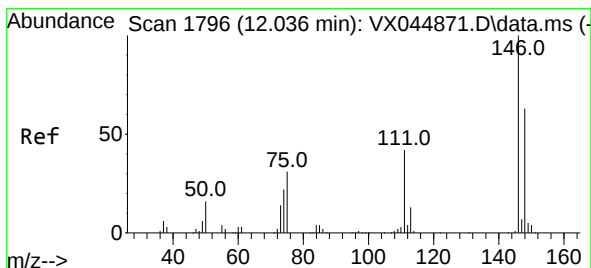
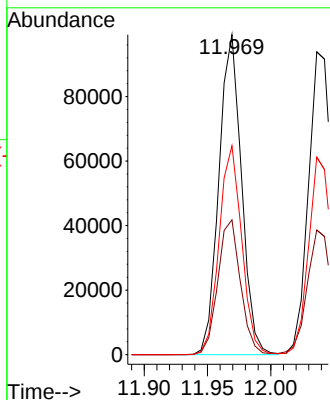
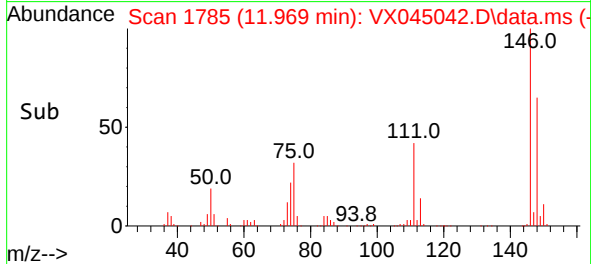
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



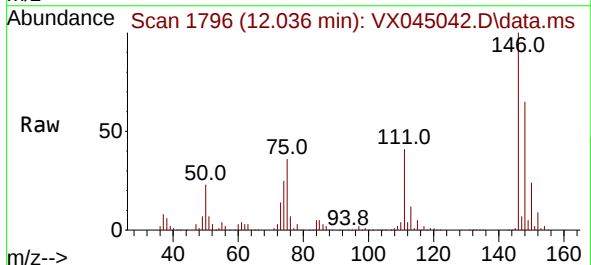
Tgt Ion:146 Resp: 123319
Ion Ratio Lower Upper
146 100
111 42.4 21.2 63.6
148 65.2 32.5 97.5

Manual Integrations
APPROVED

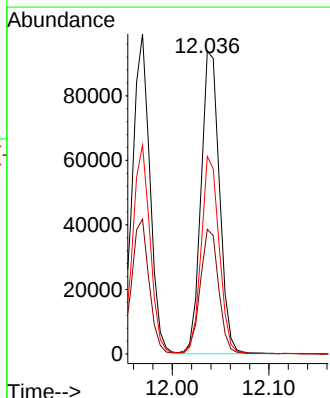
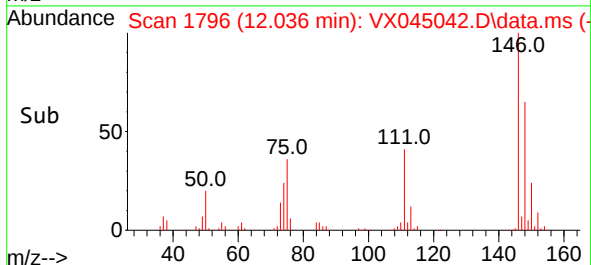
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

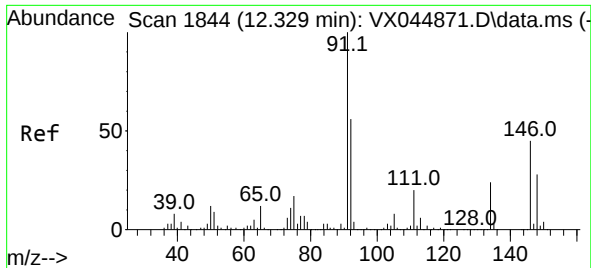


#88
1,4-Dichlorobenzene
Concen: 48.630 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



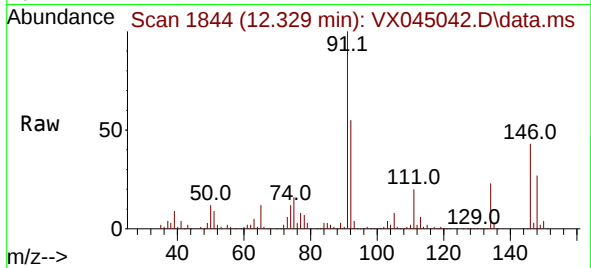
Tgt Ion:146 Resp: 124506
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 64.1 32.0 96.0





#89
n-Butylbenzene
Concen: 52.268 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

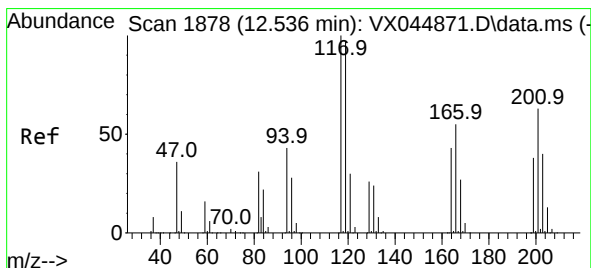
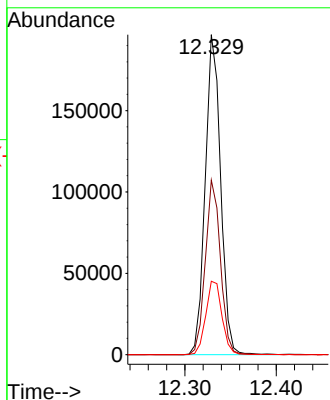
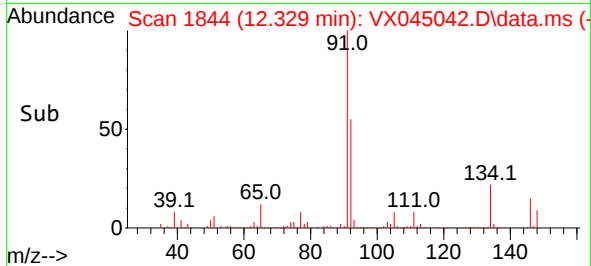
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 22960
Ion Ratio Lower Upper
91 100
92 53.7 27.2 81.6
134 24.1 12.1 36.3

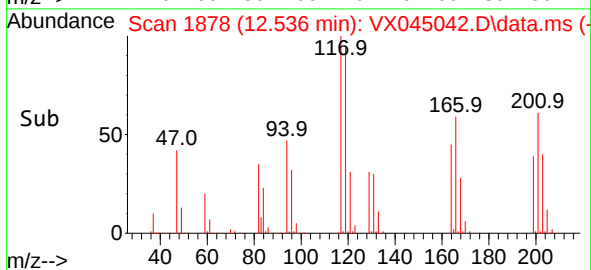
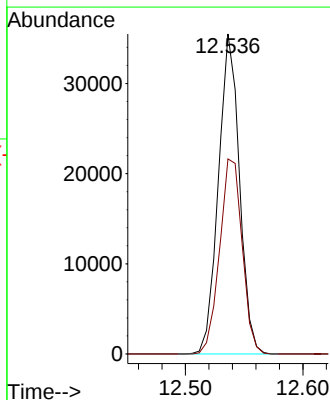
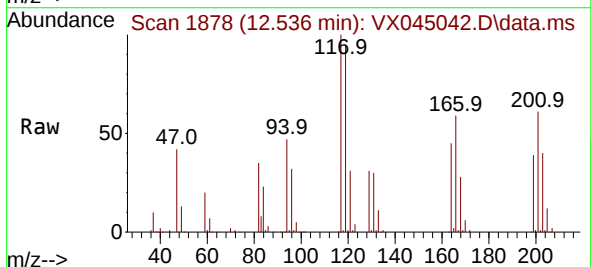
Manual Integrations
APPROVED

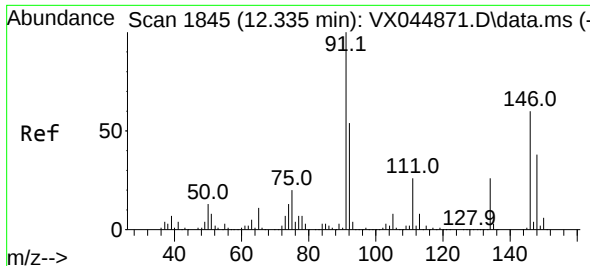
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#90
Hexachloroethane
Concen: 47.456 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

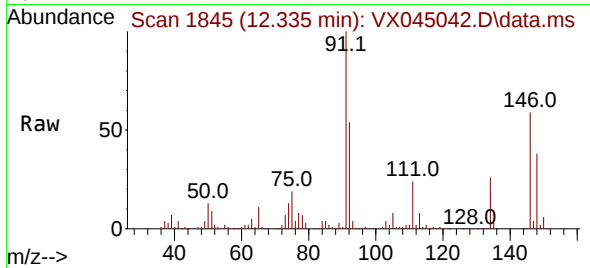
Tgt Ion:117 Resp: 44121
Ion Ratio Lower Upper
117 100
201 65.3 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 49.733 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

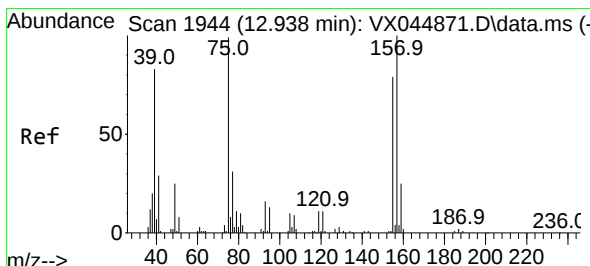
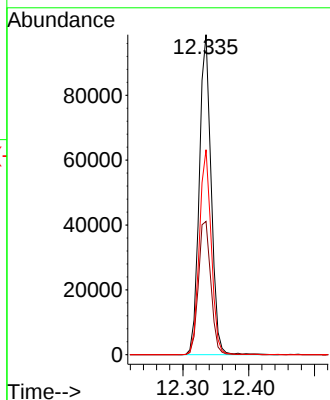
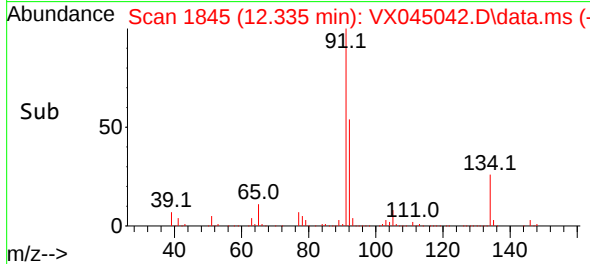
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



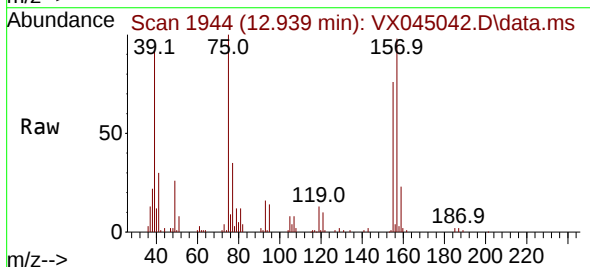
Tgt Ion:146 Resp: 123772
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.4
148 64.2 31.9 95.9

Manual Integrations
APPROVED

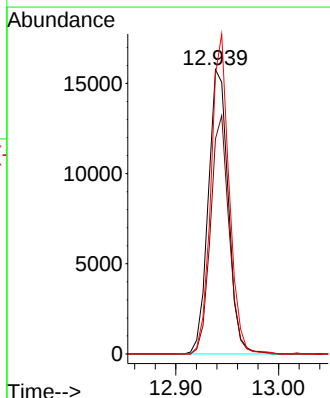
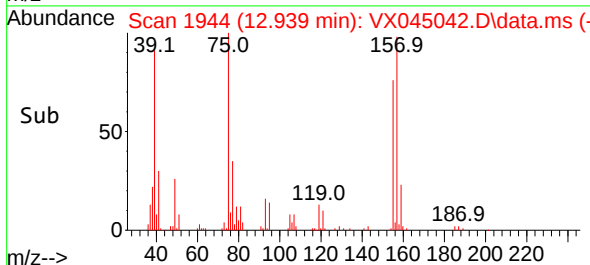
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.778 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



Tgt Ion: 75 Resp: 21247
Ion Ratio Lower Upper
75 100
155 77.8 40.5 121.4
157 102.0 51.4 154.3





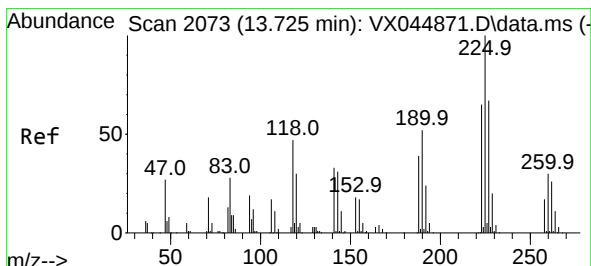
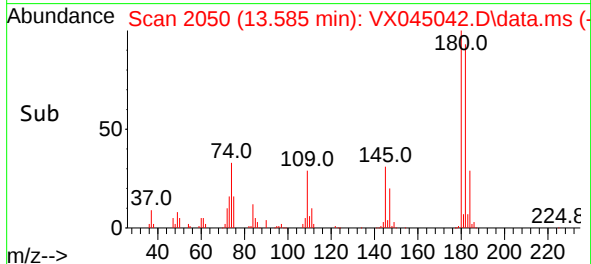
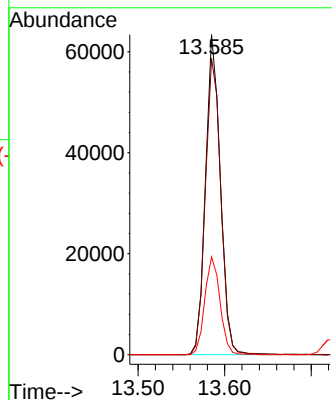
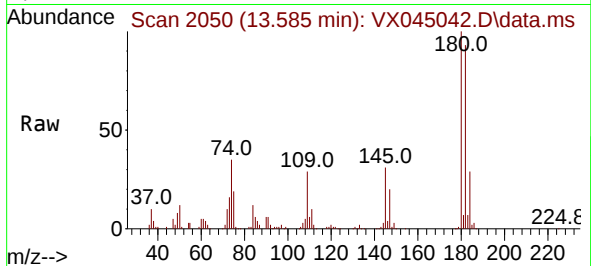
#93
1,2,4-Trichlorobenzene
Concen: 50.067 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 75398
Ion Ratio Lower Upper
180 100
182 96.4 47.6 142.8
145 31.3 16.4 49.1

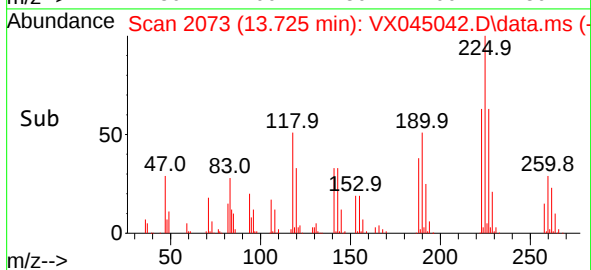
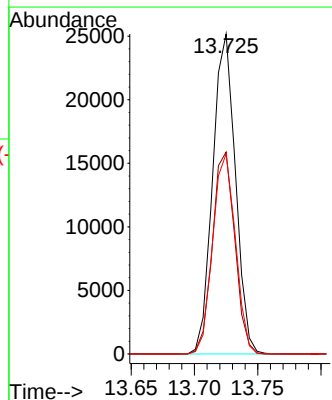
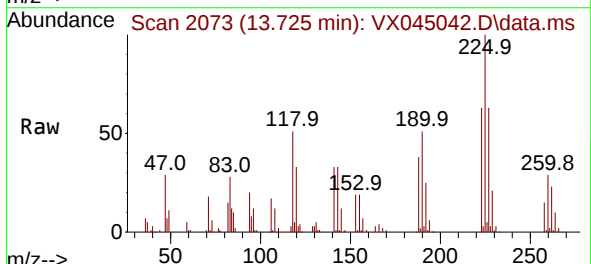
Manual Integrations
APPROVED

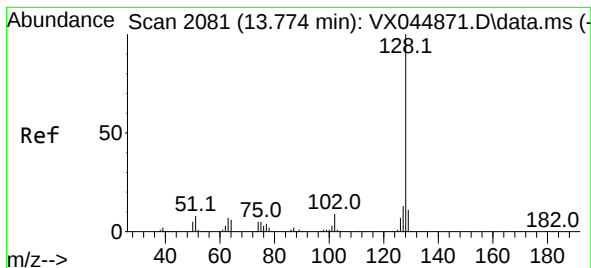
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#94
Hexachlorobutadiene
Concen: 52.565 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

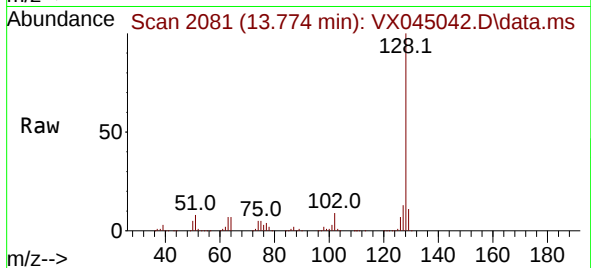
Tgt Ion:225 Resp: 31425
Ion Ratio Lower Upper
225 100
223 62.3 31.4 94.2
227 62.4 32.3 96.8





#95
Naphthalene
Concen: 51.898 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28

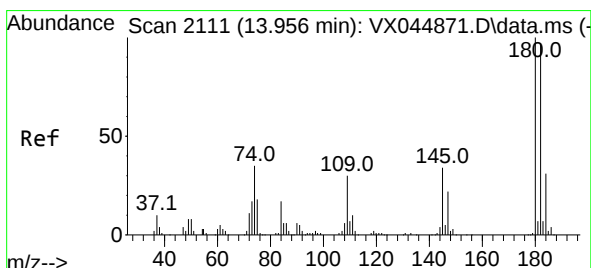
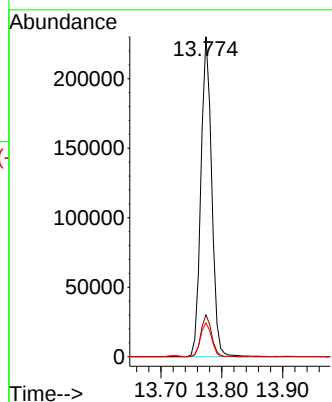
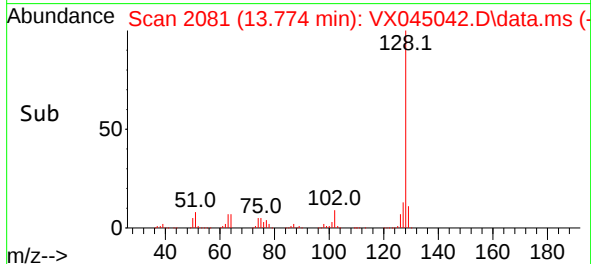
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



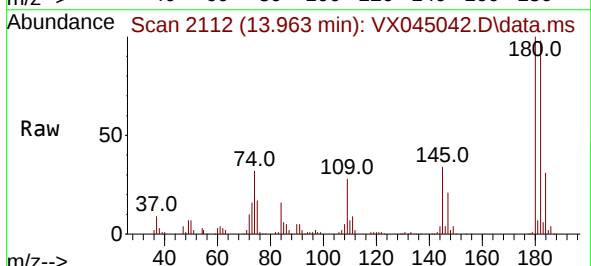
Tgt Ion:128 Resp: 28251
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.145 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045042.D
Acq: 25 Feb 2025 16:28



Tgt Ion:180 Resp: 76093
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 34.9 17.1 51.3

