

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044601.D
 Acq On : 07 Jan 2025 12:00
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 08 02:31:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 02:18:40 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	193833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	322230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	134118	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	363804	116.405	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 232.820%#	
35) Dibromofluoromethane	5.379	113	318562	144.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 288.340%#	
50) Toluene-d8	8.647	98	1071800	142.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 284.020%#	
62) 4-Bromofluorobenzene	11.079	95	386929	145.246	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 290.500%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	396696	141.444	ug/l	99
3) Chloromethane	1.295	50	361151	129.221	ug/l	100
4) Vinyl Chloride	1.374	62	362740	138.352	ug/l	98
5) Bromomethane	1.599	94	156875	115.510	ug/l	99
7) Trichlorofluoromethane	1.868	101	497464	127.427	ug/l	97
8) Diethyl Ether	2.130	74	172572	125.105	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	322006	143.860	ug/l	94
10) Methyl Iodide	2.447	142	458572	146.920	ug/l	91
11) Tert butyl alcohol	3.020	59	243259	632.101	ug/l	99
12) 1,1-Dichloroethene	2.313	96	321732	148.372	ug/l #	80
13) Acrolein	2.233	56	348160	684.238	ug/l	98
14) Allyl chloride	2.654	41	481127	133.411	ug/l #	87
15) Acrylonitrile	3.069	53	729569	658.245	ug/l	98
16) Acetone	2.386	43	557867	566.340	ug/l #	89
17) Carbon Disulfide	2.502	76	785944	175.284	ug/l	99
18) Methyl Acetate	2.703	43	358794	123.407	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	1003928	135.096	ug/l	99
20) Methylene Chloride	2.782	84	347783	138.392	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	326842	146.862	ug/l	87
22) Diisopropyl ether	3.758	45	902333	121.714	ug/l	95
23) Vinyl Acetate	3.721	43	3843854	641.181	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	569743	131.892	ug/l	99
25) 2-Butanone	4.562	43	880207	619.080	ug/l	91
26) 2,2-Dichloropropane	4.465	77	497336	133.162	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	394578	145.402	ug/l	89
28) Bromochloromethane	4.891	49	246126	122.401	ug/l #	74
29) Tetrahydrofuran	5.001	42	580089	595.793	ug/l	91
30) Chloroform	5.087	83	598049	128.421	ug/l	99
31) Cyclohexane	5.458	56	475840	134.163	ug/l	85
32) 1,1,1-Trichloroethane	5.373	97	545752	139.254	ug/l	95
36) 1,1-Dichloropropene	5.684	75	406061	142.120	ug/l	96
37) Ethyl Acetate	4.715	43	363828	124.576	ug/l #	94
38) Carbon Tetrachloride	5.666	117	471467	148.724	ug/l	100
39) Methylcyclohexane	7.373	83	552098	151.439	ug/l	91
40) Benzene	6.032	78	1280226	142.310	ug/l	99
41) Methacrylonitrile	4.922	41	196413	125.194	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.080	62	422697	120.148	ug/l	93
43) Isopropyl Acetate	6.336	43	611339	126.783	ug/l #	92
44) Trichloroethene	7.123	130	349611	152.030	ug/l	94
45) 1,2-Dichloropropane	7.428	63	299322	136.469	ug/l	97
46) Dibromomethane	7.574	93	235994	138.350	ug/l	93
47) Bromodichloromethane	7.818	83	443978	143.029	ug/l	99
48) Methyl methacrylate	7.690	41	296575	128.954	ug/l	88
49) 1,4-Dioxane	7.665	88	104987	3106.467	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	1711444	607.176	ug/l	92
52) Toluene	8.714	92	784020	144.441	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	457387	154.153	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	504071	151.162	ug/l #	87
55) 1,1,2-Trichloroethane	9.147	97	297735	139.918	ug/l	96
56) Ethyl methacrylate	9.116	69	468501	151.390	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	489228	136.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	1096941	715.006	ug/l	91
59) 2-Hexanone	9.433	43	1253079	628.603	ug/l	88
60) Dibromochloromethane	9.519	129	349531	164.735	ug/l	100
61) 1,2-Dibromoethane	9.604	107	316369	147.210	ug/l	99
64) Tetrachloroethene	9.269	164	281910	146.458	ug/l	98
65) Chlorobenzene	10.073	112	869620	150.505	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	304267	158.550	ug/l	99
67) Ethyl Benzene	10.189	91	1456186	146.761	ug/l	96
68) m/p-Xylenes	10.299	106	1116860	306.320	ug/l	92
69) o-Xylene	10.640	106	557711	151.545	ug/l	89
70) Styrene	10.653	104	935547	158.937	ug/l	95
71) Bromoform	10.799	173	239442	149.977	ug/l #	98
73) Isopropylbenzene	10.957	105	1414616	142.367	ug/l	98
74) N-amyl acetate	10.842	43	538859	133.652	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	423014	132.076	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	349569m	130.022	ug/l	
77) Bromobenzene	11.195	156	361039	149.574	ug/l	89
78) n-propylbenzene	11.305	91	1596196	142.620	ug/l	96
79) 2-Chlorotoluene	11.360	91	961904	132.631	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	1163357	141.208	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	143479	162.448	ug/l #	82
82) 4-Chlorotoluene	11.451	91	1104003	135.314	ug/l	94
83) tert-Butylbenzene	11.713	119	1224555	149.273	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	1205026	145.607	ug/l	97
85) sec-Butylbenzene	11.890	105	1483948	148.531	ug/l	99
86) p-Isopropyltoluene	12.006	119	1277498	152.392	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	664944	152.281	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	662357	145.590	ug/l	98
89) n-Butylbenzene	12.329	91	1090816	154.101	ug/l	96
90) Hexachloroethane	12.536	117	224919	167.017	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	656010	148.671	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	91050	149.956	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	451648	174.156	ug/l	99
94) Hexachlorobutadiene	13.725	225	176486	163.433	ug/l	99
95) Naphthalene	13.774	128	1490078	178.076	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	452293	170.608	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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

(#)= qualifier out of range (m)= manual integration (+)= signals summed						

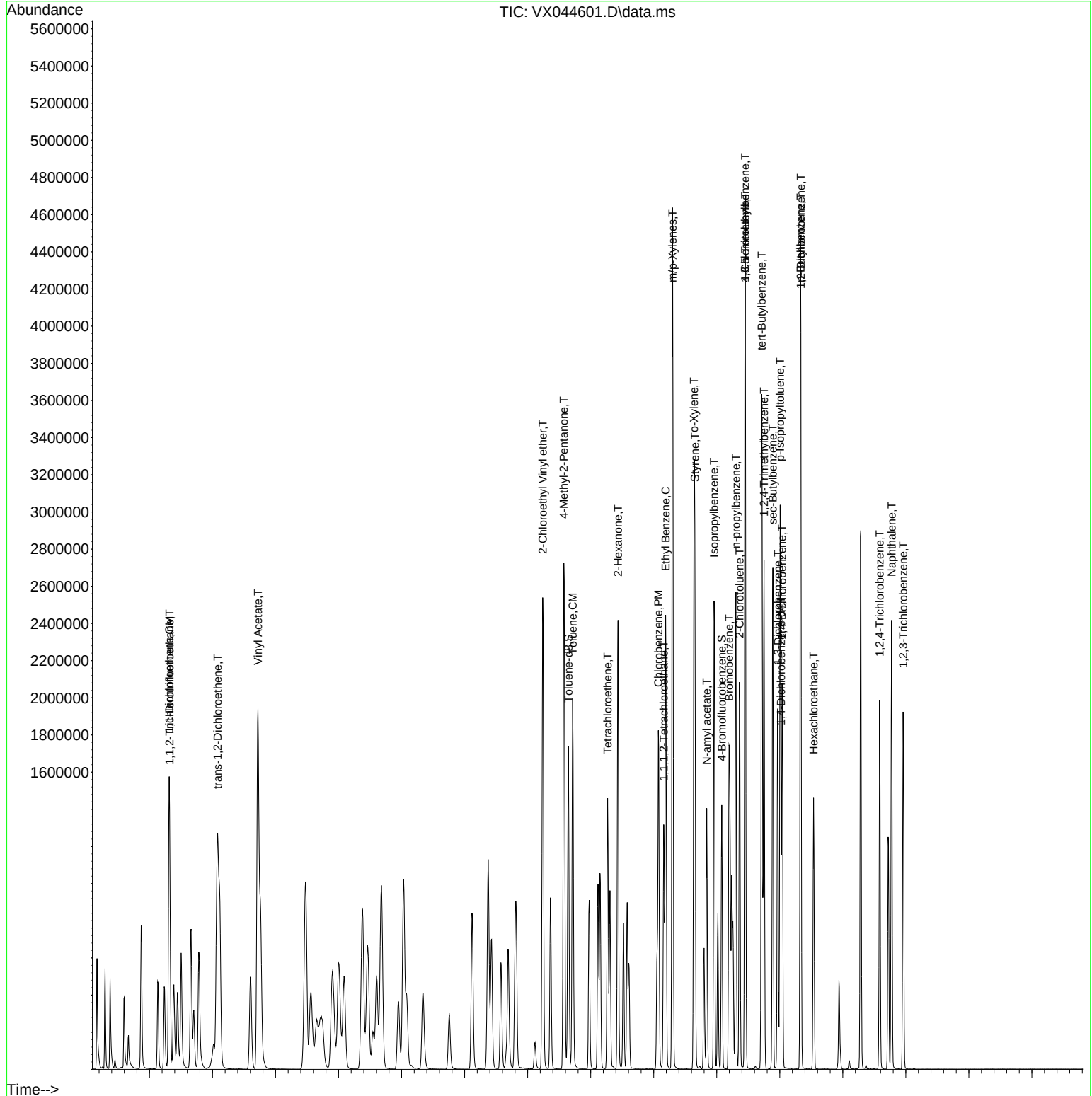
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Data File : VX044601.D
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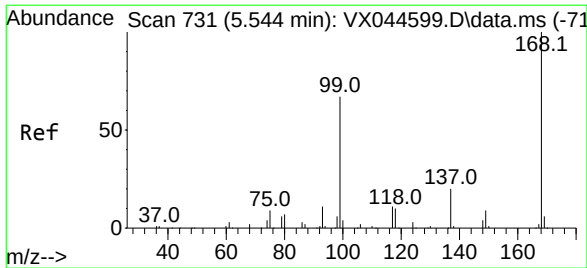
Instrument :
MSVOA_X
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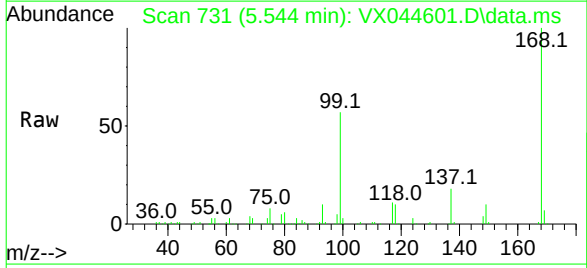
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

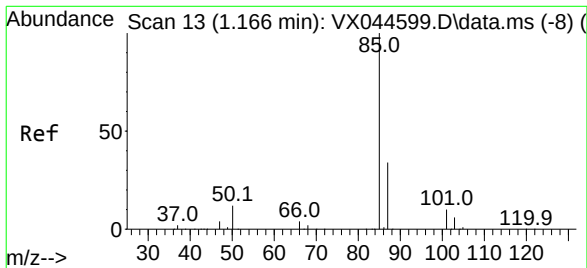
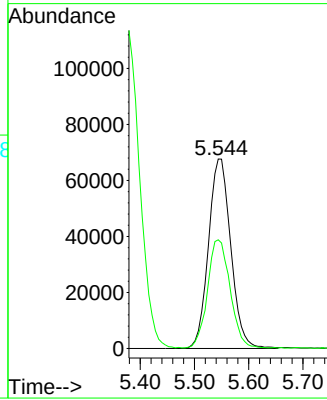
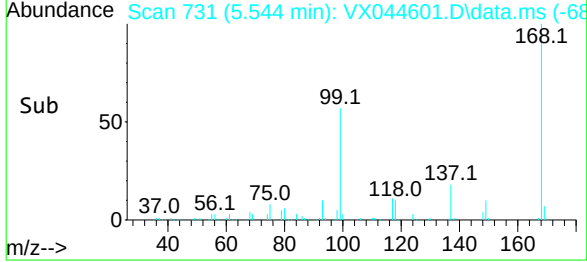
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



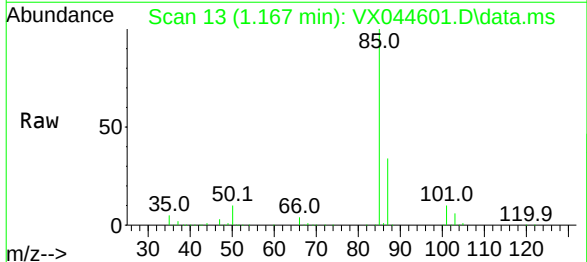
Tgt Ion: 168 Resp: 193833
Ion Ratio Lower Upper
168 100
99 57.2 53.5 80.3

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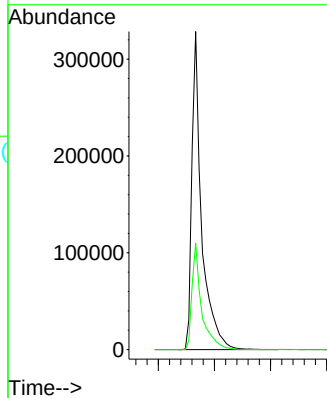
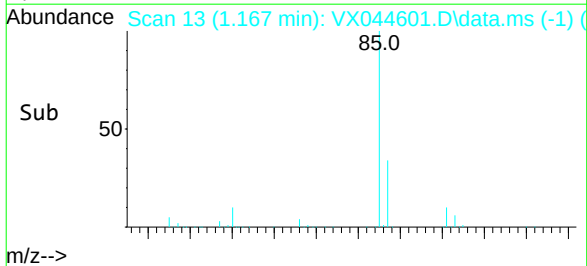
Reviewed By : John Carlone 01/08/2025
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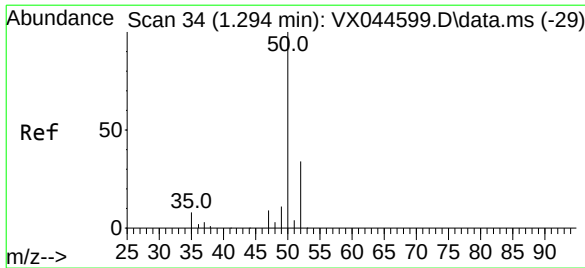


#2
Dichlorodifluoromethane
Concen: 141.444 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00



Tgt Ion: 85 Resp: 396696
Ion Ratio Lower Upper
85 100
87 33.5 17.2 51.5





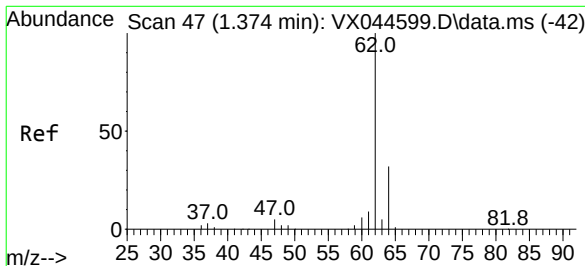
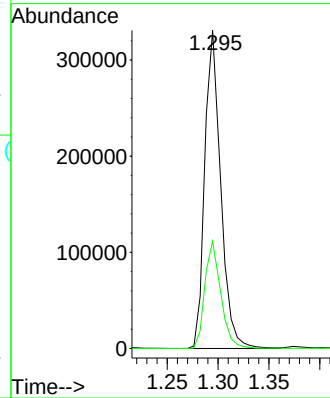
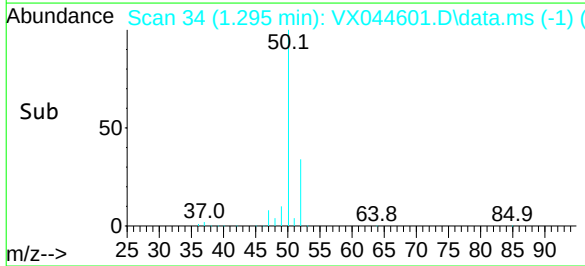
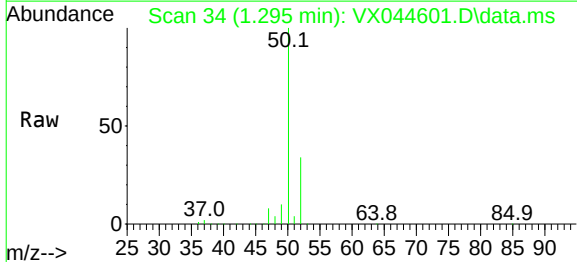
#3
Chloromethane
Concen: 129.221 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 361151
Ion Ratio Lower Upper
50 100
52 33.8 27.0 40.4

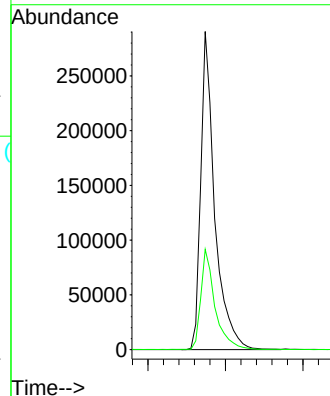
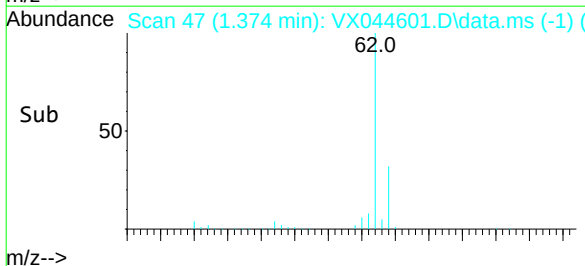
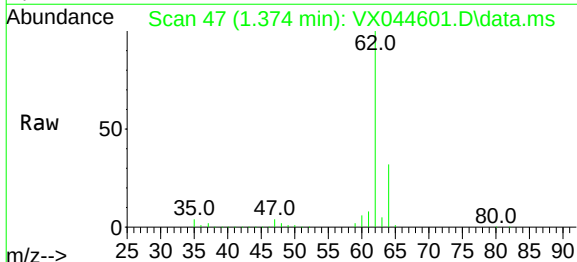
Manual Integrations
APPROVED

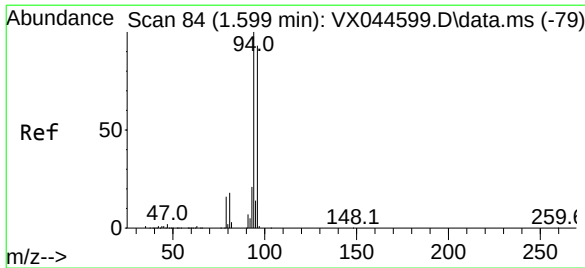
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#4
Vinyl Chloride
Concen: 138.352 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion: 62 Resp: 362740
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0





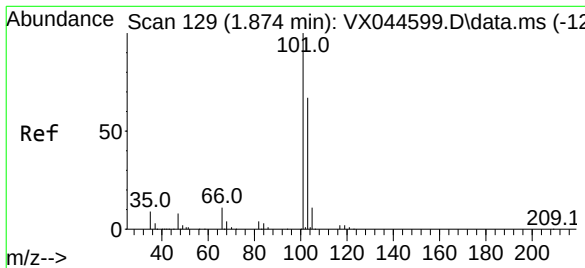
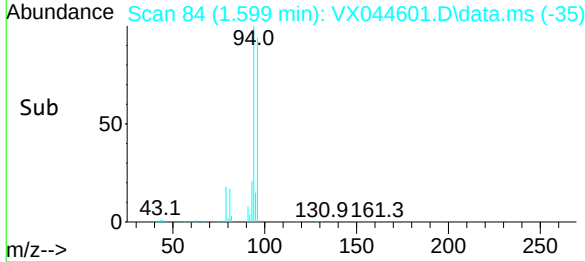
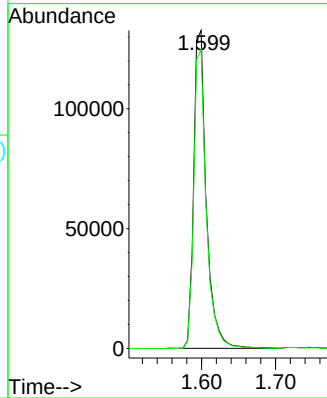
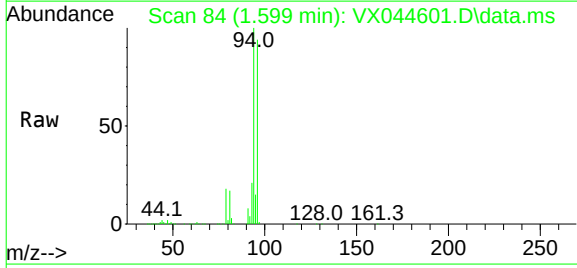
#5
Bromomethane
Concen: 115.510 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 156875
Ion Ratio Lower Upper
94 100
96 94.0 74.6 112.0

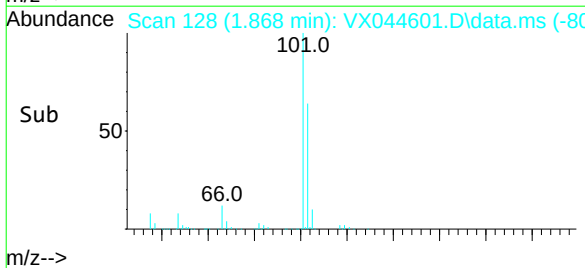
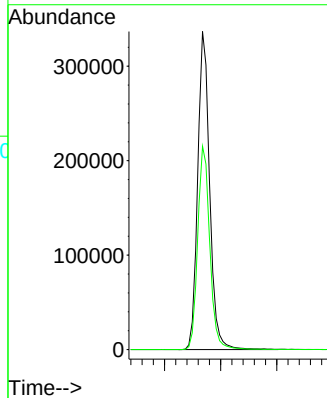
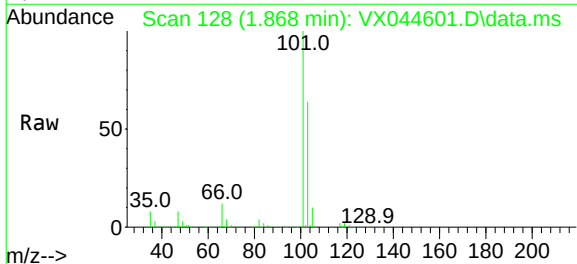
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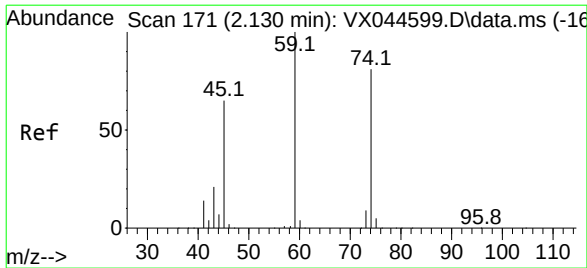
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#7
Trichlorofluoromethane
Concen: 127.427 ug/l
RT: 1.868 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion:101 Resp: 497464
Ion Ratio Lower Upper
101 100
103 63.9 53.3 79.9





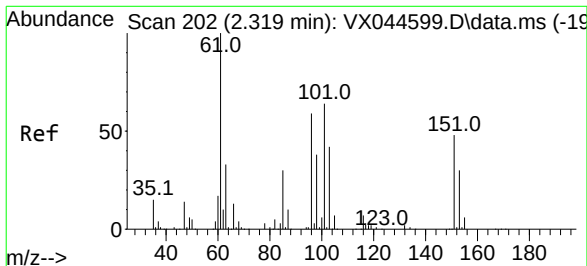
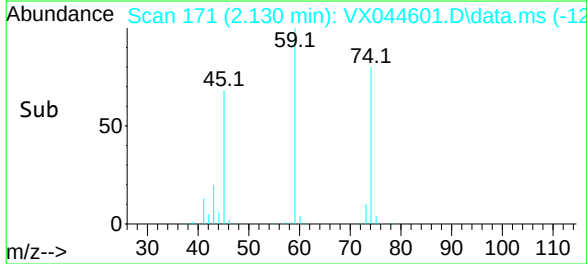
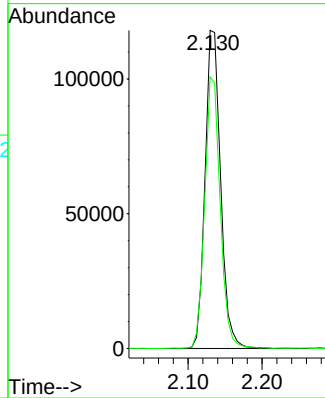
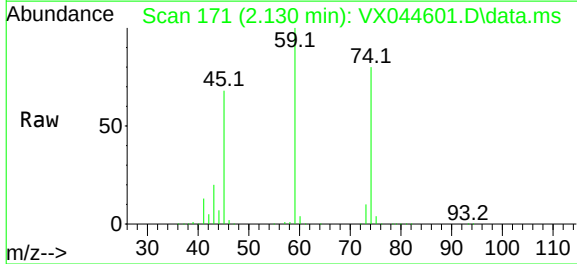
#8
Diethyl Ether
Concen: 125.105 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 74 Resp: 172572
Ion Ratio Lower Upper
74 100
45 85.4 41.7 125.1

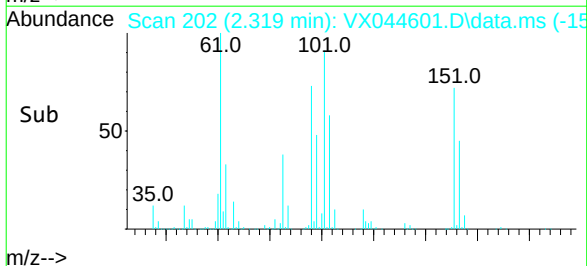
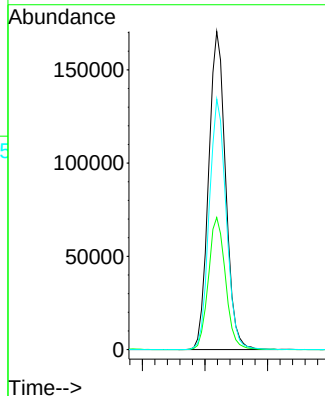
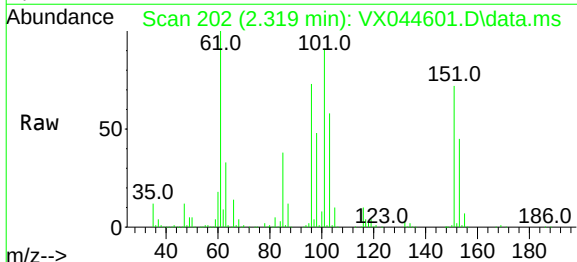
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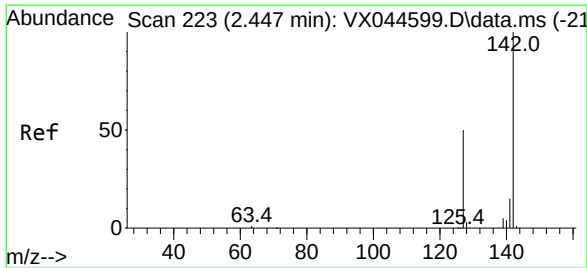
Reviewed By :John Carlone 01/08/2025
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 143.860 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

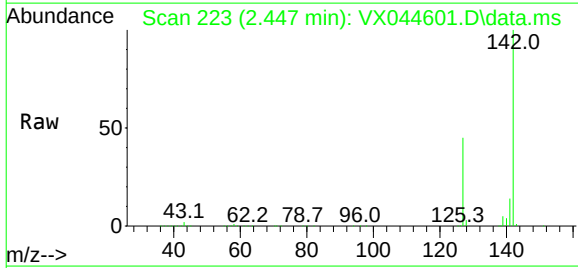
Tgt Ion:101 Resp: 322006
Ion Ratio Lower Upper
101 100
85 41.7 36.5 54.7
151 78.5 58.6 87.8





#10
Methyl Iodide
Concen: 146.920 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

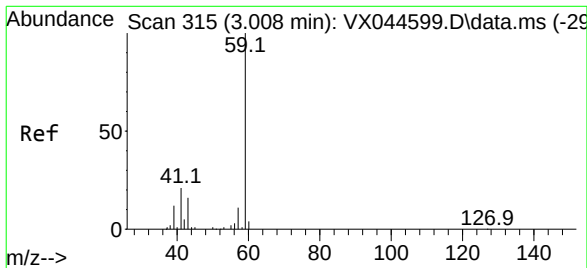
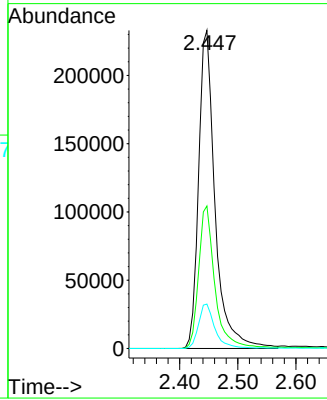
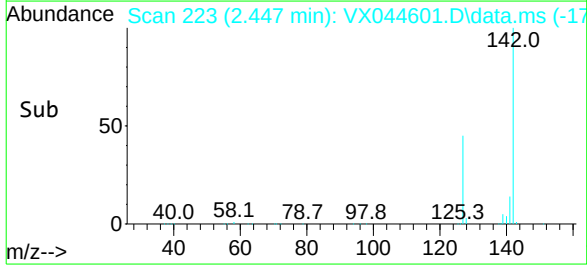
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 458572
Ion Ratio Lower Upper
142 100
127 44.7 41.9 62.9
141 13.9 11.8 17.6

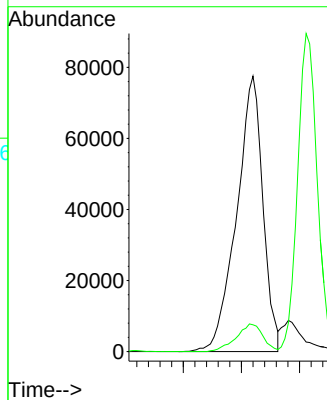
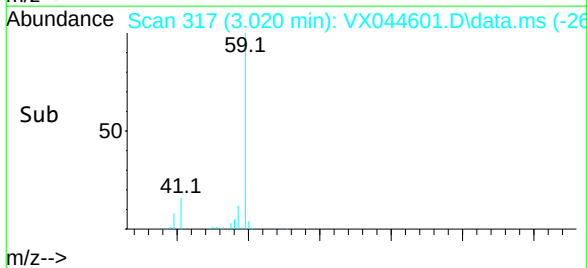
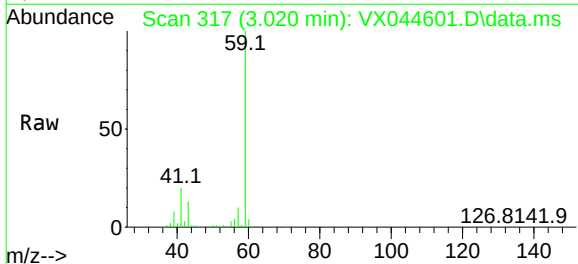
Manual Integrations
APPROVED

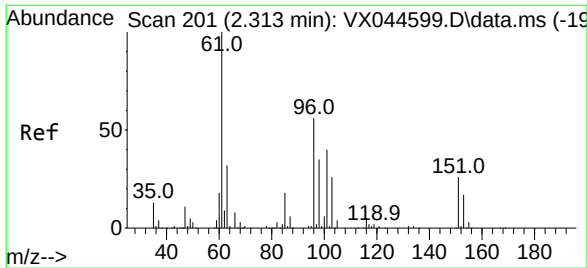
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#11
Tert butyl alcohol
Concen: 632.101 ug/l
RT: 3.020 min Scan# 317
Delta R.T. 0.012 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion: 59 Resp: 243259
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8





#12

1,1-Dichloroethene

Concen: 148.372 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 321732

Ion Ratio Lower Upper

96 100

61 140.9 143.3 214.9

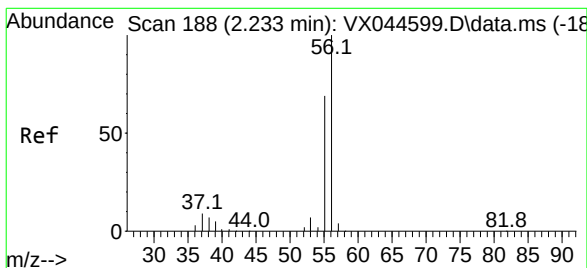
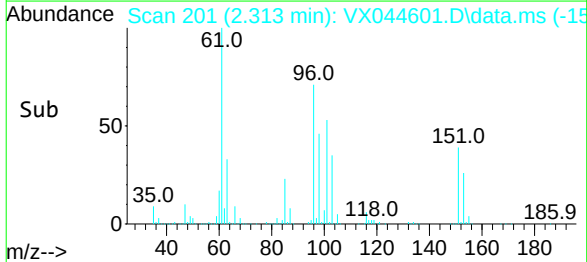
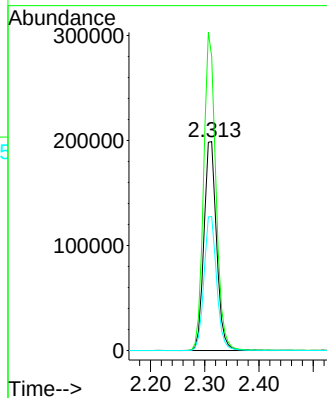
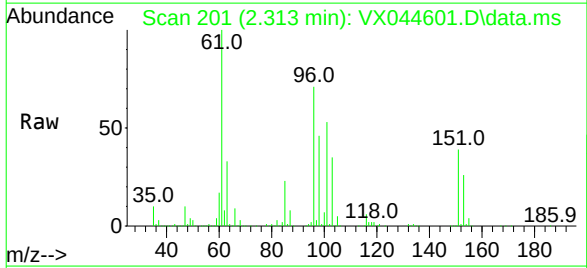
98 64.1 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#13

Acrolein

Concen: 684.238 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044601.D

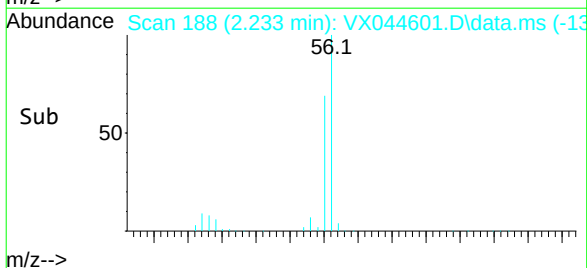
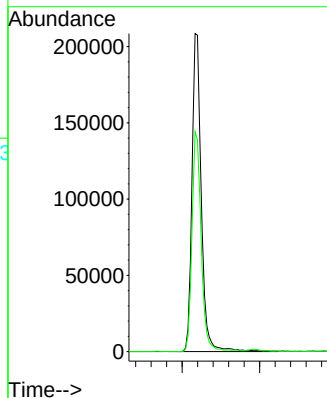
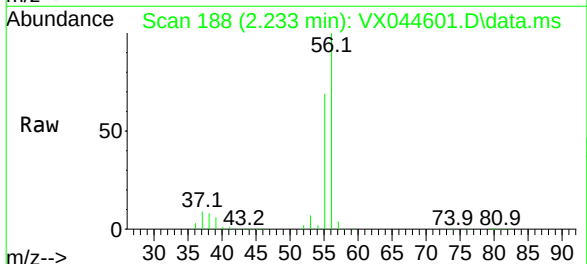
Acq: 07 Jan 2025 12:00

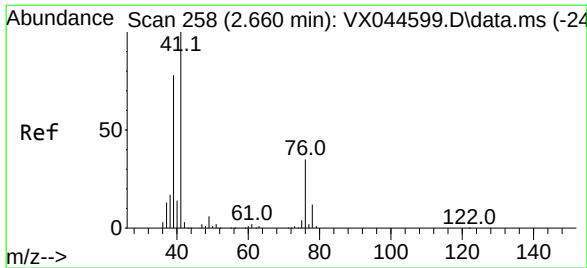
Tgt Ion: 56 Resp: 348160

Ion Ratio Lower Upper

56 100

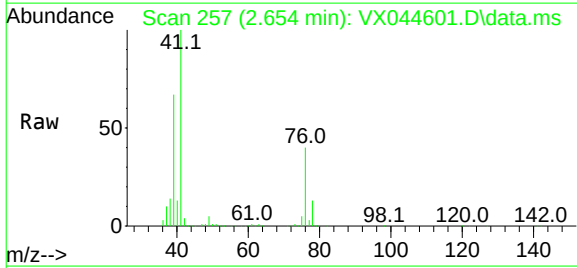
55 68.1 55.8 83.8





#14
 Allyl chloride
 Concen: 133.411 ug/l
 RT: 2.654 min Scan# 258
 Delta R.T. -0.006 min
 Lab File: VX044601.D
 Acq: 07 Jan 2025 12:00

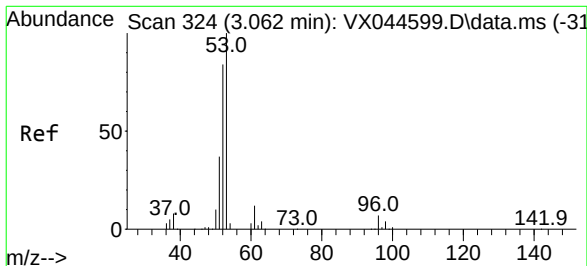
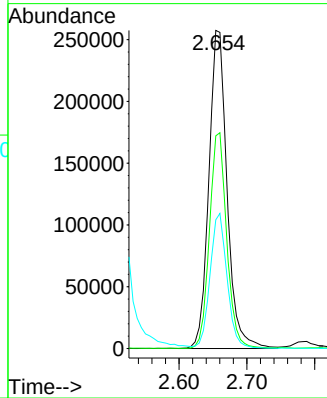
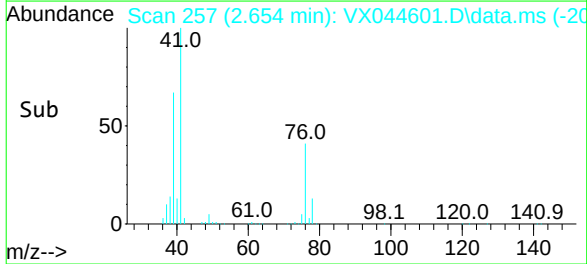
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion: 41 Resp: 481127
 Ion Ratio Lower Upper
 41 100
 39 64.0 60.2 90.2
 76 39.6 25.9 38.9#

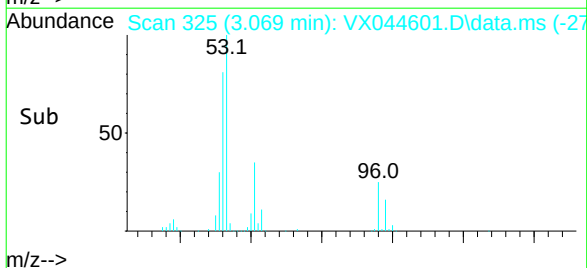
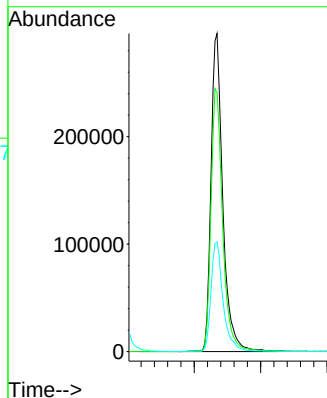
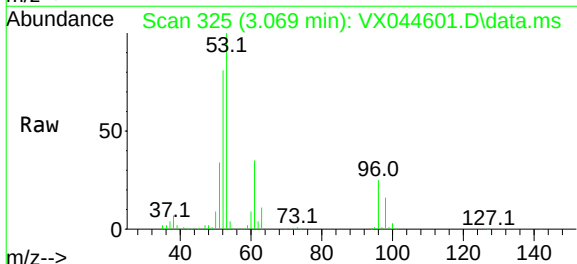
Manual Integrations
 APPROVED

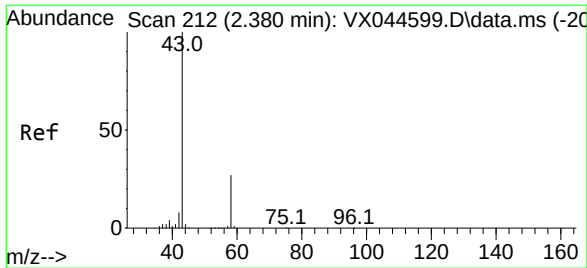
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025



#15
 Acrylonitrile
 Concen: 658.245 ug/l
 RT: 3.069 min Scan# 325
 Delta R.T. 0.006 min
 Lab File: VX044601.D
 Acq: 07 Jan 2025 12:00

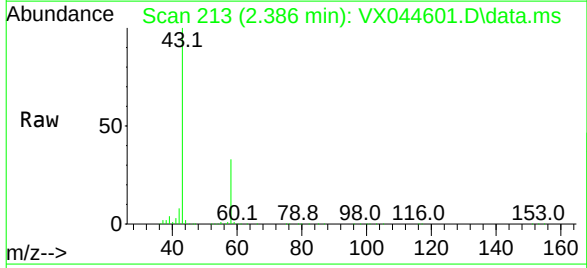
Tgt Ion: 53 Resp: 729569
 Ion Ratio Lower Upper
 53 100
 52 81.6 67.0 100.6
 51 35.6 29.4 44.0





#16
Acetone
Concen: 566.340 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

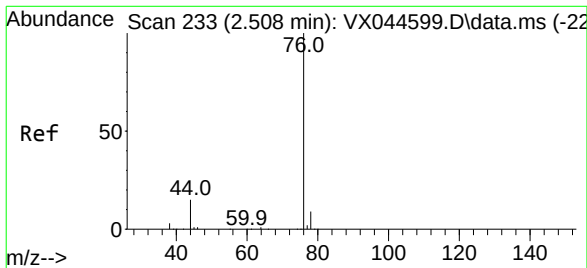
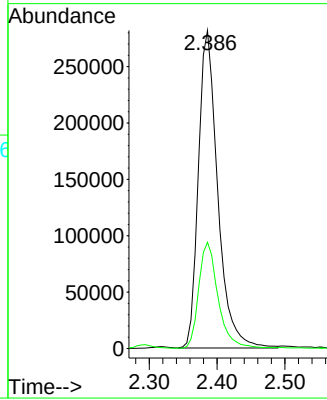
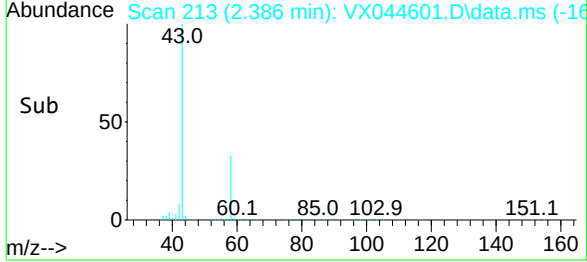
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 557867
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#

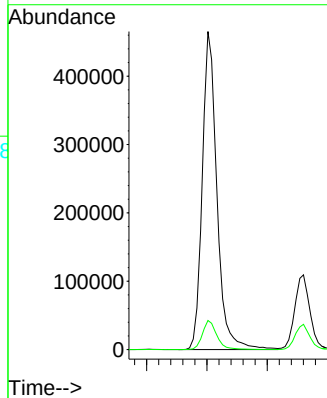
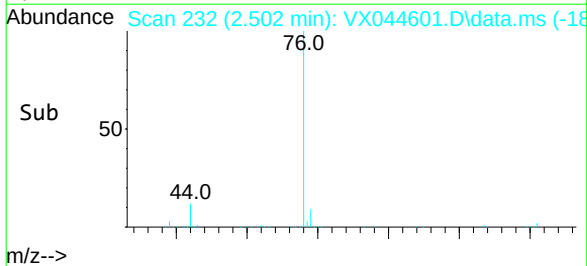
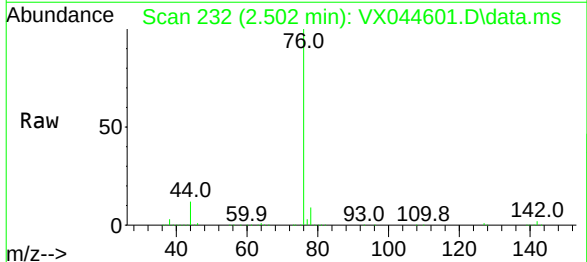
Manual Integrations
APPROVED

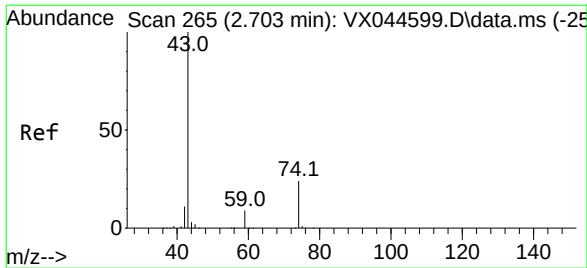
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#17
Carbon Disulfide
Concen: 175.284 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion: 76 Resp: 785944
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





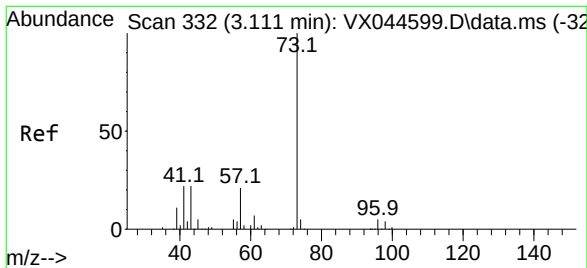
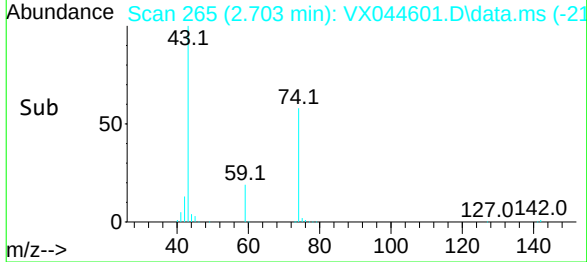
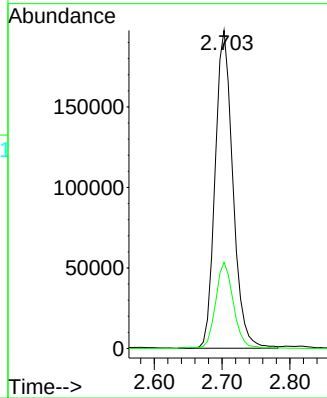
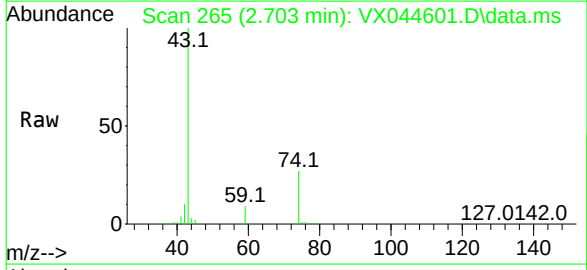
#18
Methyl Acetate
Concen: 123.407 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 358794
Ion Ratio Lower Upper
43 100
74 27.4 19.3 28.9

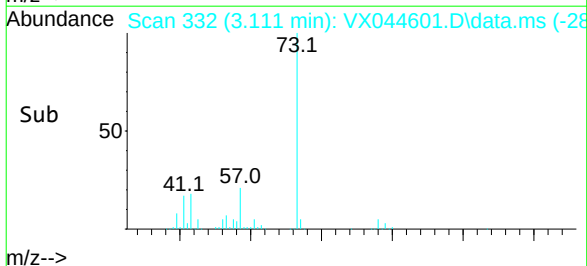
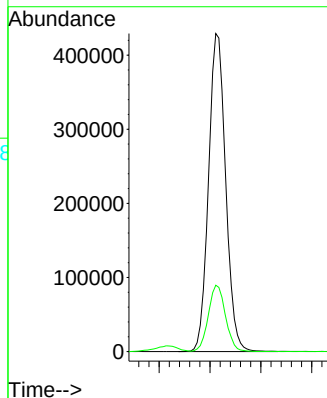
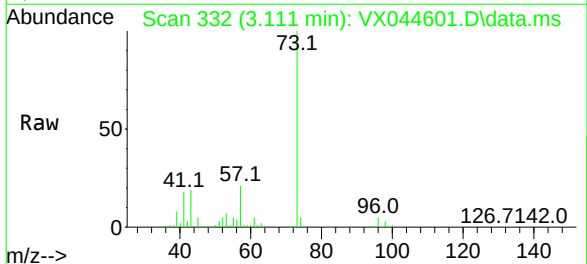
Manual Integrations
APPROVED

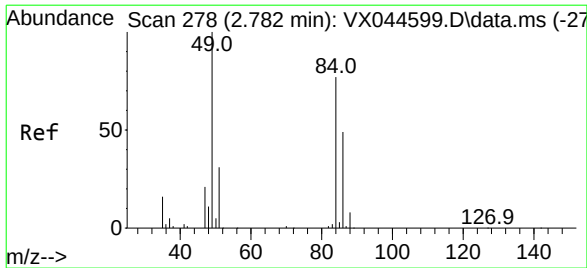
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#19
Methyl tert-butyl Ether
Concen: 135.096 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

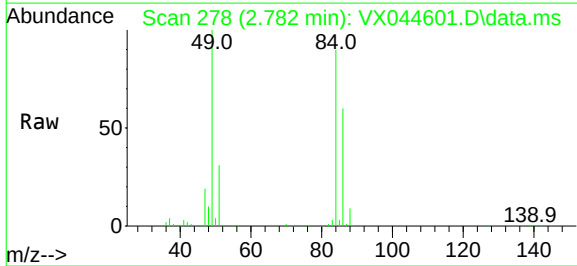
Tgt Ion: 73 Resp: 1003928
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.4





#20
Methylene Chloride
Concen: 138.392 ug/l
RT: 2.782 min Scan# 27
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

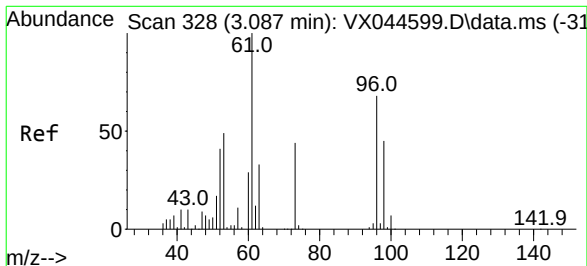
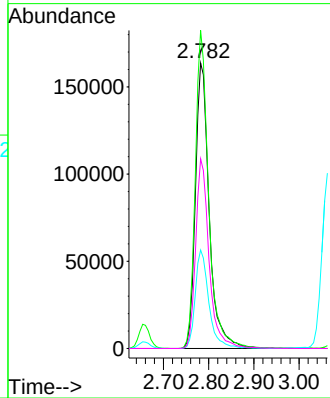
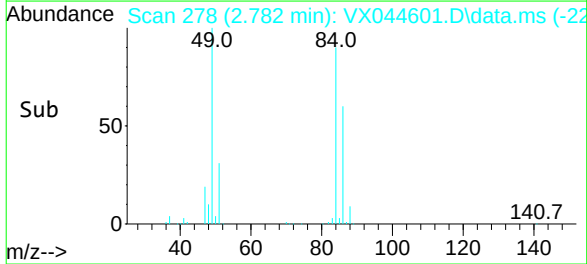
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:	84	Resp:	347783
Ion	Ratio	Lower	Upper
84	100		
49	111.4	104.4	156.6
51	34.5	32.0	48.0
86	66.4	51.4	77.0

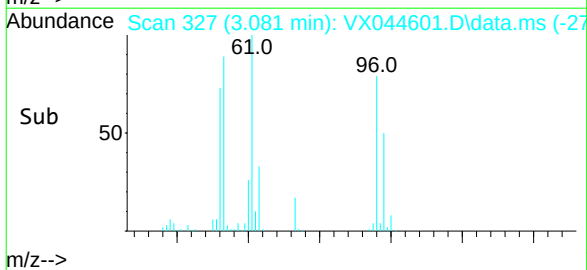
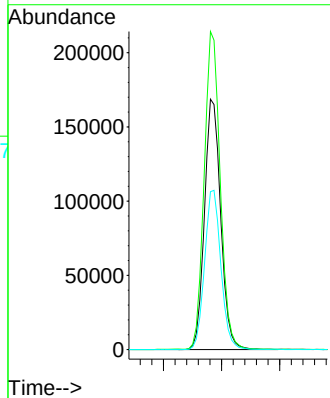
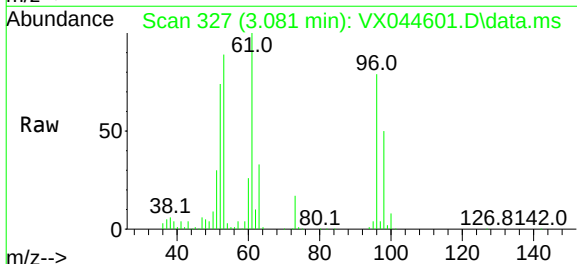
Manual Integrations
APPROVED

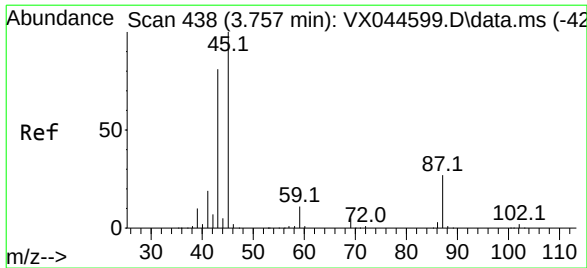
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#21
trans-1,2-Dichloroethene
Concen: 146.862 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

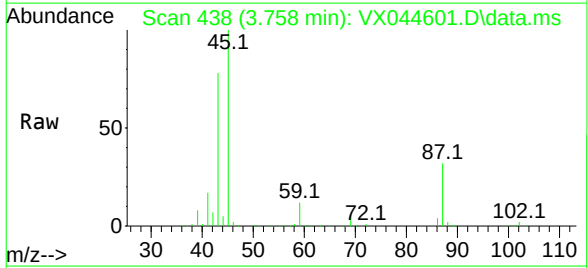
Tgt Ion:	96	Resp:	326842
Ion	Ratio	Lower	Upper
96	100		
61	126.9	118.5	177.7
98	63.1	53.4	80.0





#22
Diisopropyl ether
Concen: 121.714 ug/l
RT: 3.758 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

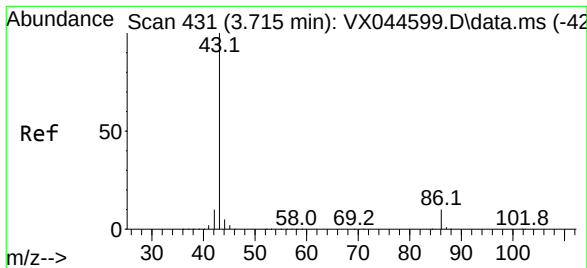
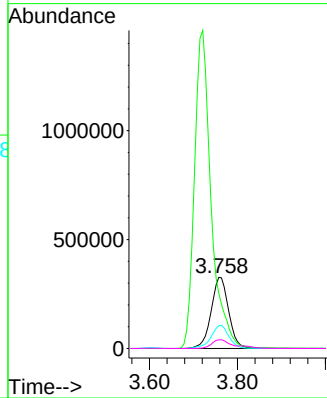
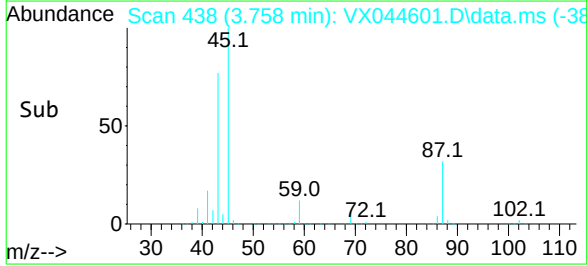
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



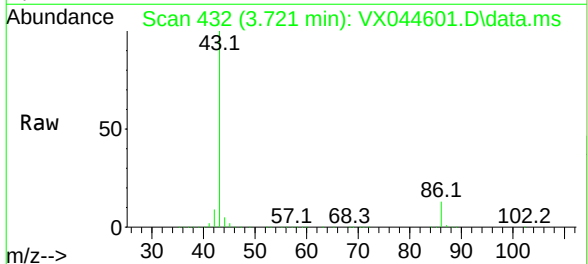
Tgt Ion: 45 Resp: 902333
Ion Ratio Lower Upper
45 100
43 77.4 64.6 97.0
87 32.0 21.8 32.8
59 12.1 8.6 12.8

Manual Integrations
APPROVED

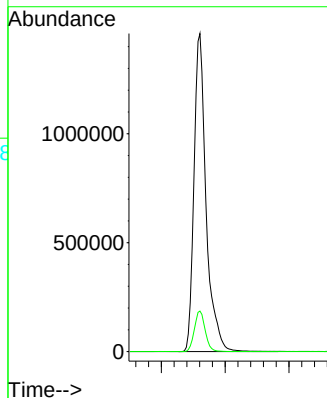
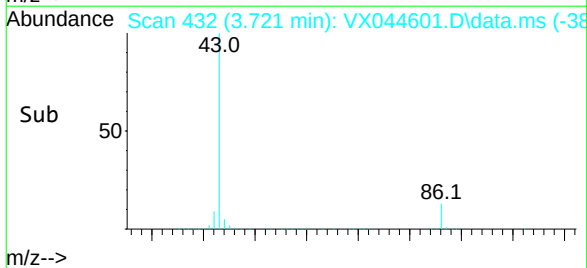
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

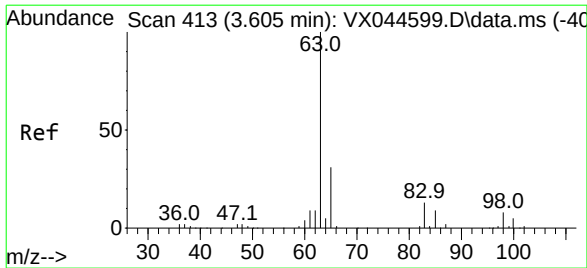


#23
Vinyl Acetate
Concen: 641.181 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00



Tgt Ion: 43 Resp: 3843854
Ion Ratio Lower Upper
43 100
86 12.7 8.1 12.1#





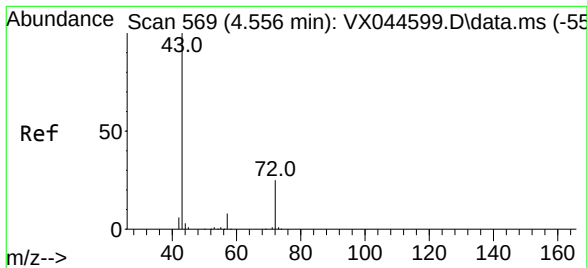
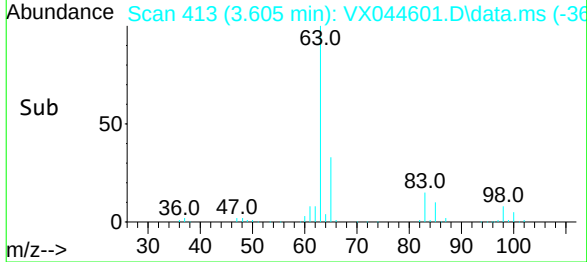
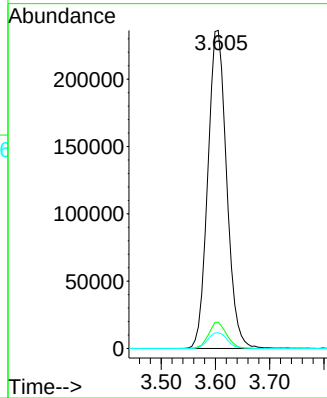
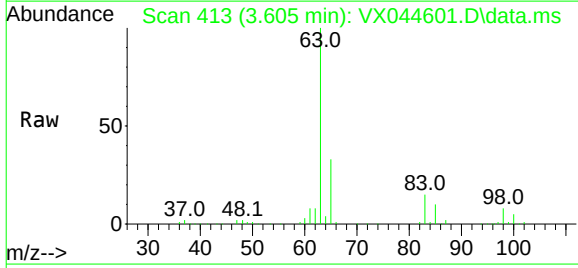
#24
1,1-Dichloroethane
Concen: 131.892 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 569743
Ion Ratio Lower Upper
63 100
98 8.3 3.8 11.4
100 5.0 2.4 7.2

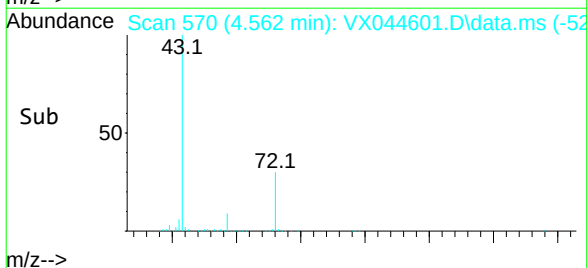
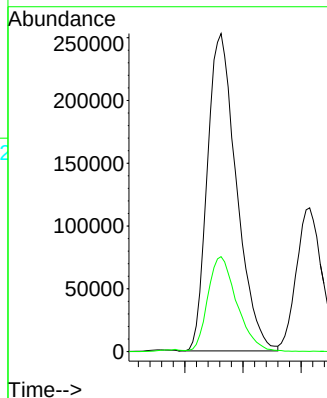
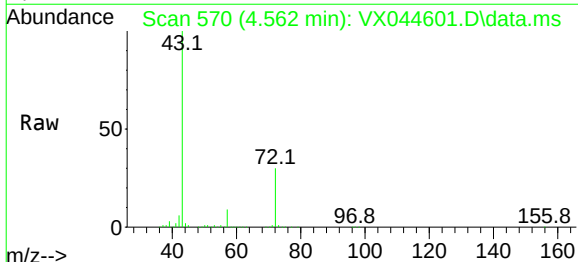
Manual Integrations
APPROVED

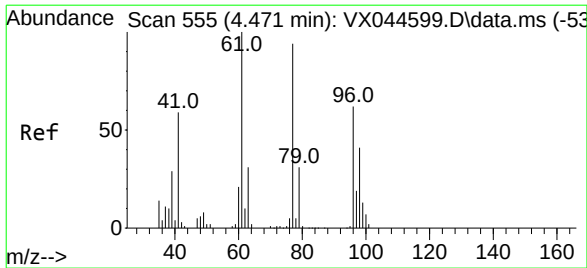
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#25
2-Butanone
Concen: 619.080 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

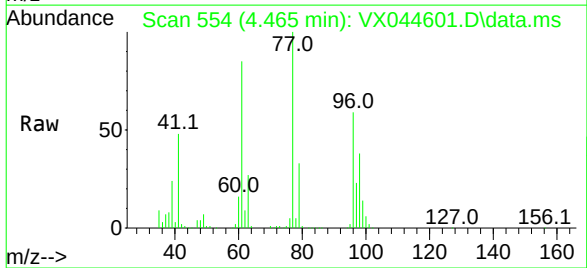
Tgt Ion: 43 Resp: 880207
Ion Ratio Lower Upper
43 100
72 29.5 20.2 30.2





#26
2,2-Dichloropropane
Concen: 133.162 ug/l
RT: 4.465 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

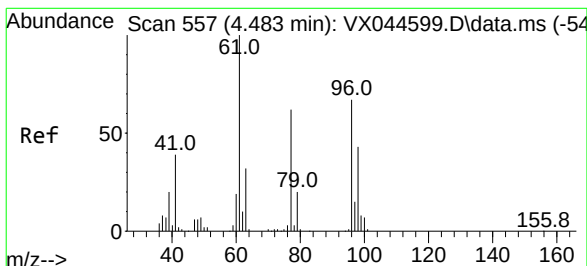
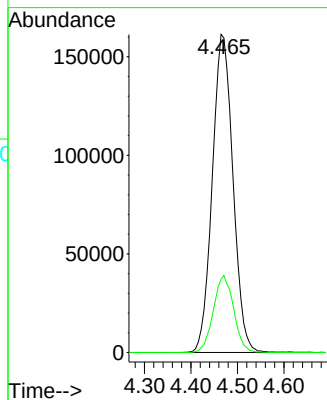
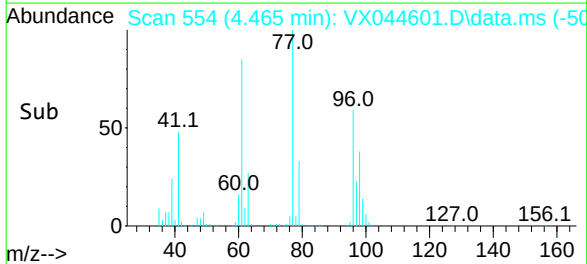
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 77 Resp: 497336
Ion Ratio Lower Upper
77 100
97 23.8 10.7 32.1

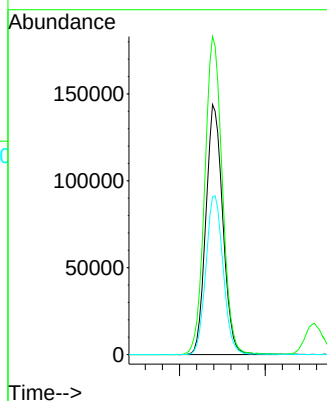
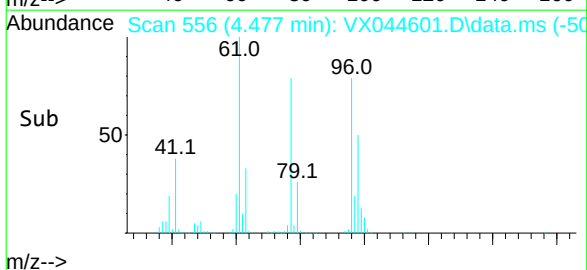
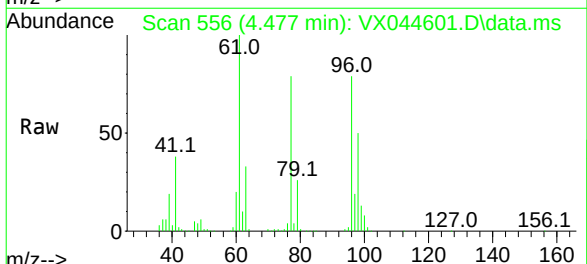
Manual Integrations
APPROVED

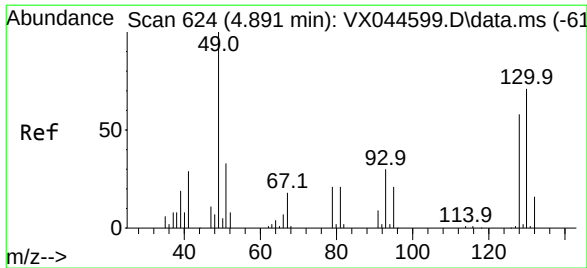
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#27
cis-1,2-Dichloroethene
Concen: 145.402 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

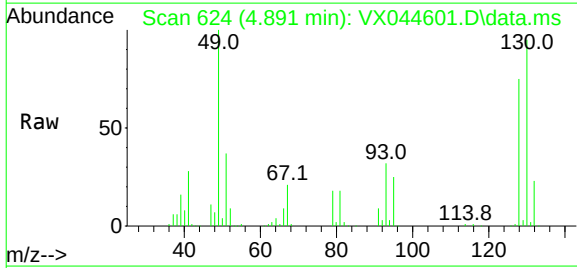
Tgt Ion: 96 Resp: 394578
Ion Ratio Lower Upper
96 100
61 132.1 0.0 302.8
98 64.8 0.0 130.0





#28
Bromochloromethane
Concen: 122.401 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

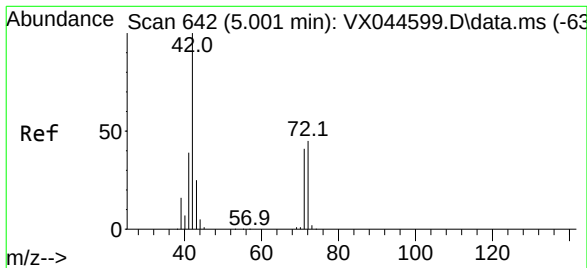
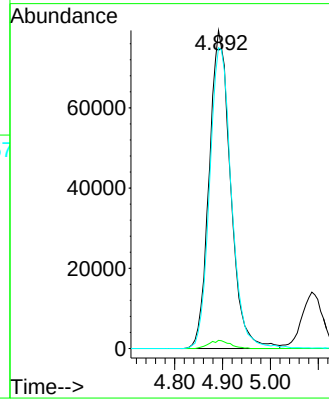
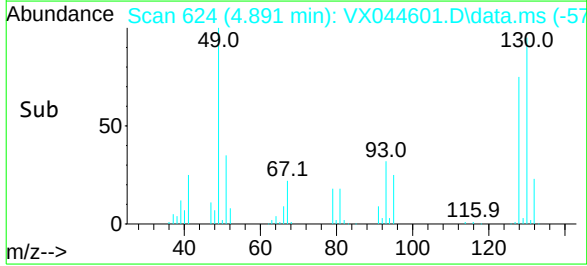
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 49 Resp: 246126
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 96.4 58.8 88.2#

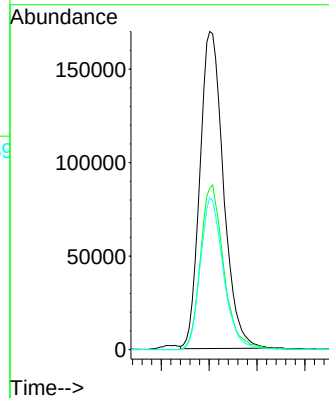
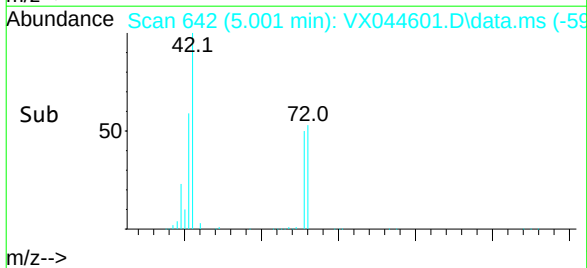
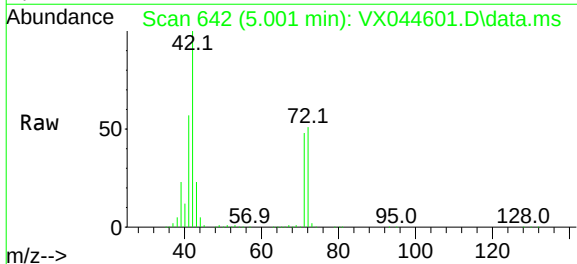
Manual Integrations
APPROVED

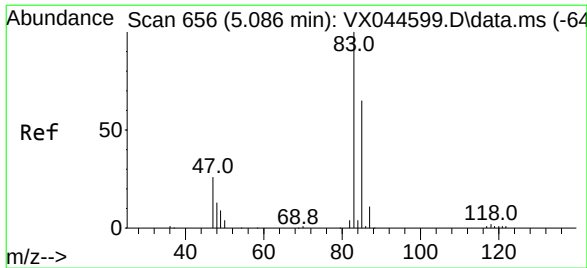
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#29
Tetrahydrofuran
Concen: 595.793 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion: 42 Resp: 580089
Ion Ratio Lower Upper
42 100
72 51.4 36.1 54.1
71 47.1 33.0 49.6





#30

Chloroform

Concen: 128.421 ug/l

RT: 5.087 min Scan# 65

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 598049

Ion Ratio Lower Upper

83 100

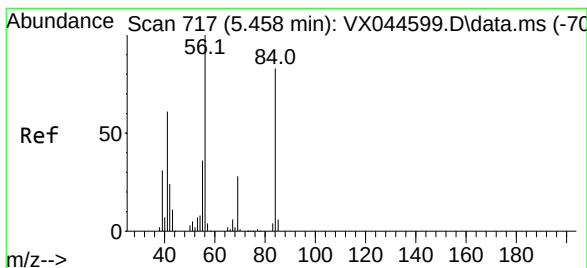
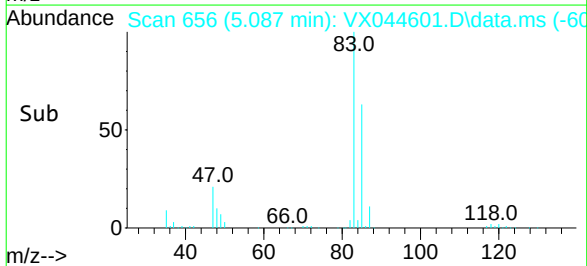
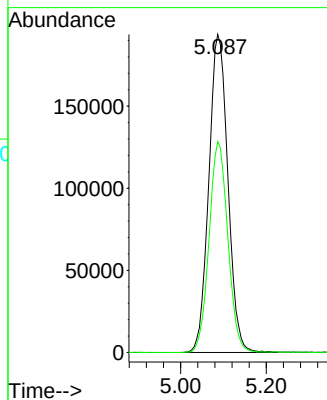
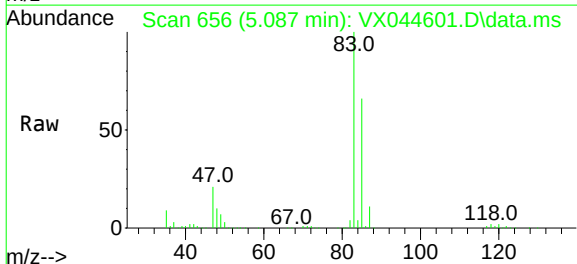
85 66.3 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#31

Cyclohexane

Concen: 134.163 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

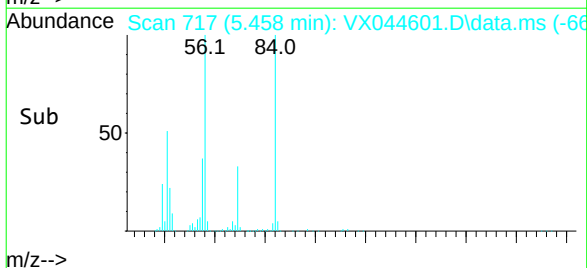
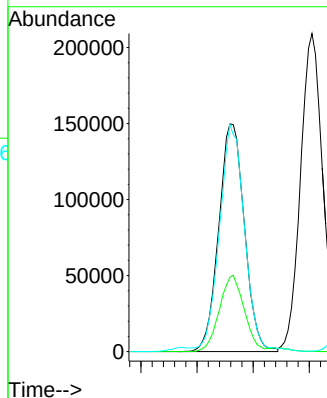
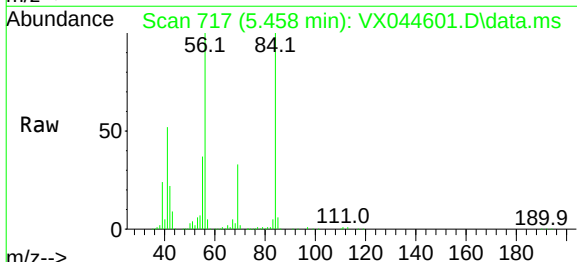
Tgt Ion: 56 Resp: 475840

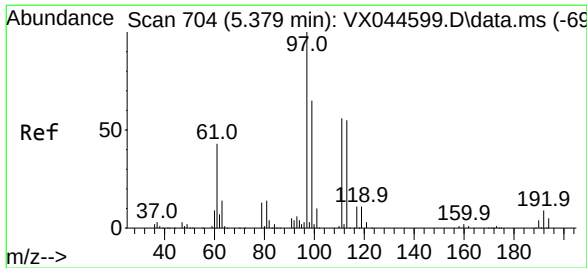
Ion Ratio Lower Upper

56 100

69 32.7 22.2 33.4

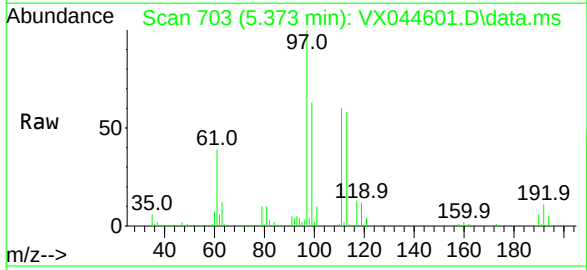
84 98.3 66.6 100.0





#32
1,1,1-Trichloroethane
Concen: 139.254 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

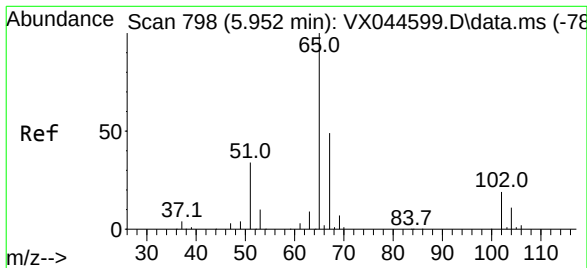
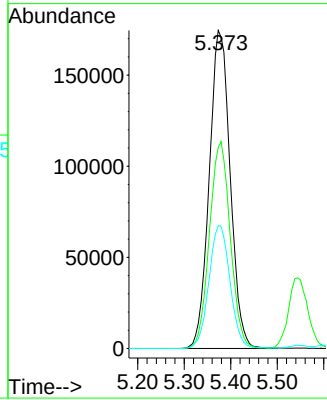
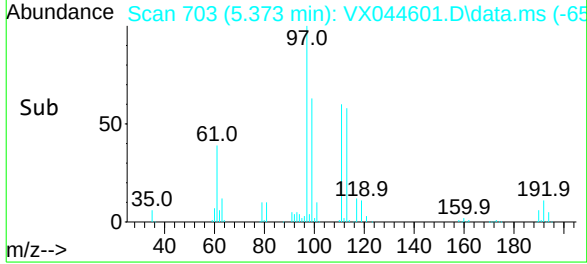
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 97 Resp: 545752
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 39.0 36.8 55.2

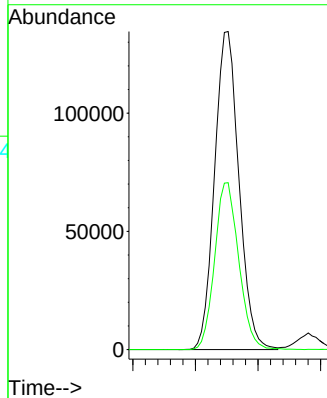
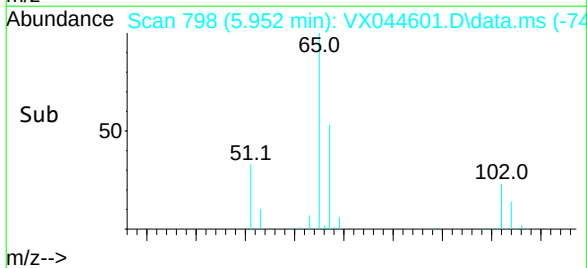
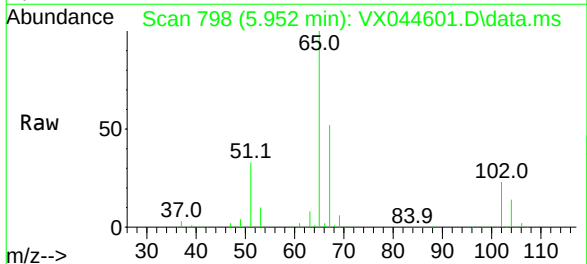
Manual Integrations
APPROVED

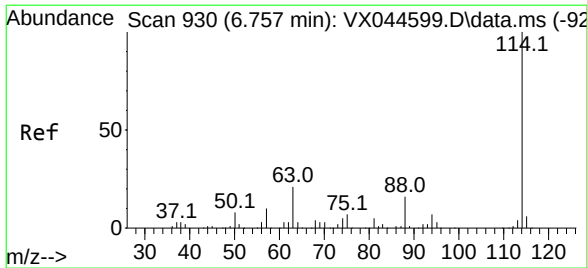
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#33
1,2-Dichloroethane-d4
Concen: 116.405 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion: 65 Resp: 363804
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.0





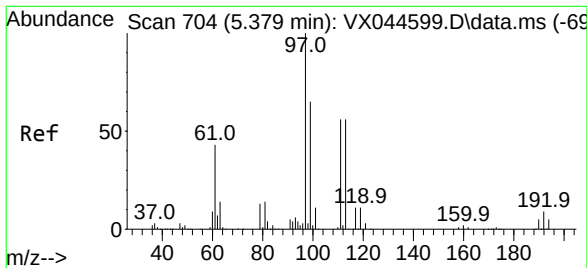
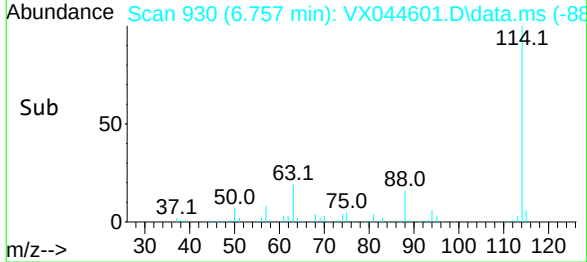
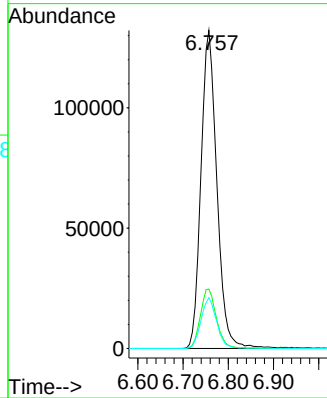
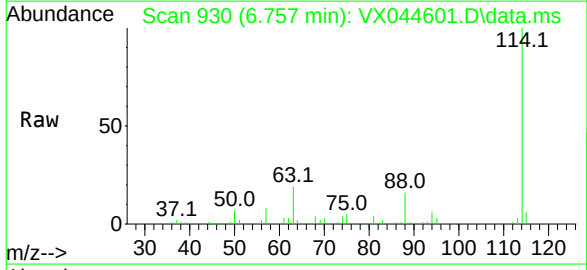
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:114 Resp: 322236
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.6
88 16.0 0.0 32.6

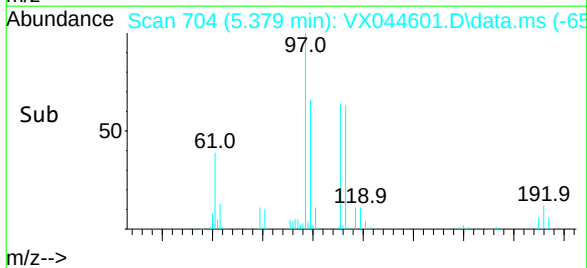
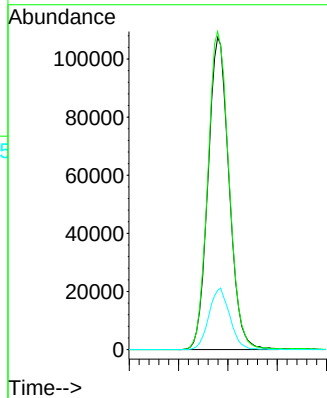
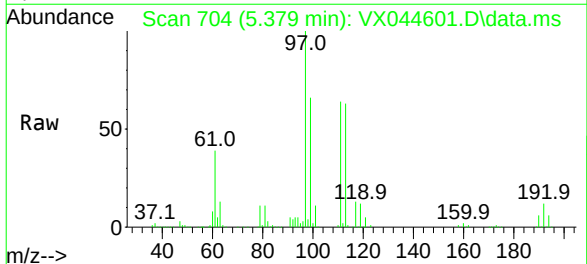
Manual Integrations
APPROVED

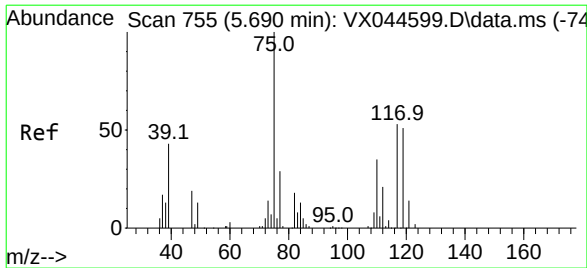
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#35
Dibromofluoromethane
Concen: 144.173 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion:113 Resp: 318562
Ion Ratio Lower Upper
113 100
111 102.8 83.3 124.9
192 19.5 14.3 21.5





#36

1,1-Dichloropropene

Concen: 142.120 ug/l

RT: 5.684 min Scan# 75

Delta R.T. -0.006 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 406061

Ion Ratio Lower Upper

75 100

110 38.8 17.3 51.9

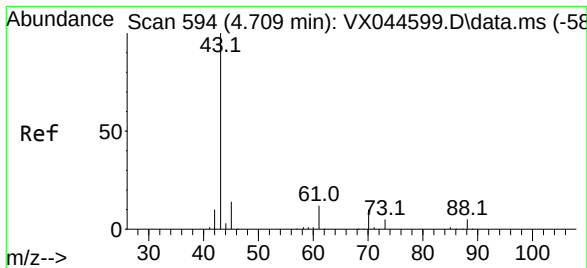
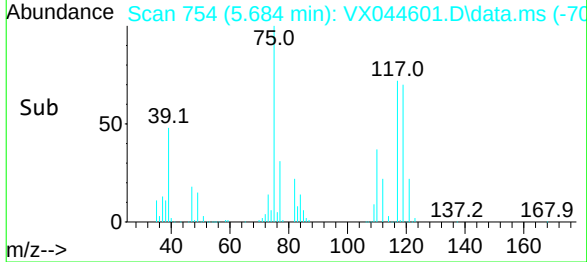
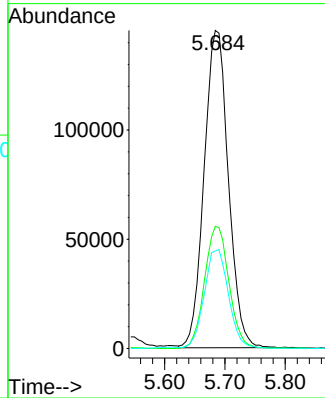
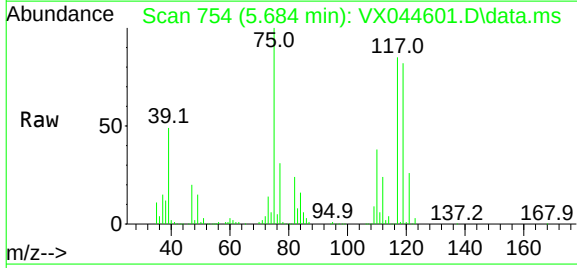
77 31.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#37

Ethyl Acetate

Concen: 124.576 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

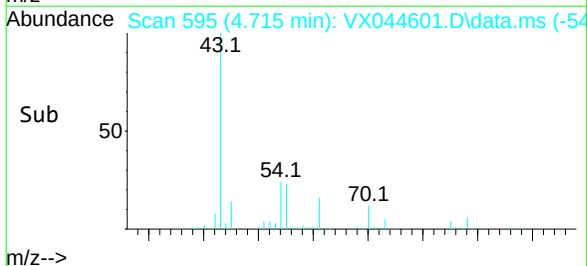
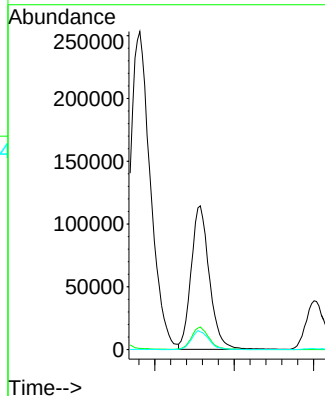
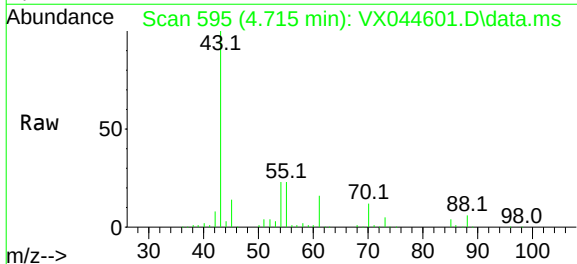
Tgt Ion: 43 Resp: 363828

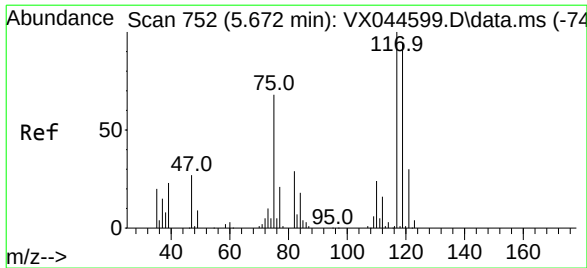
Ion Ratio Lower Upper

43 100

61 14.6 9.9 14.9

70 12.6 8.0 12.0#





#38

Carbon Tetrachloride

Concen: 148.724 ug/l

RT: 5.666 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX044601.D

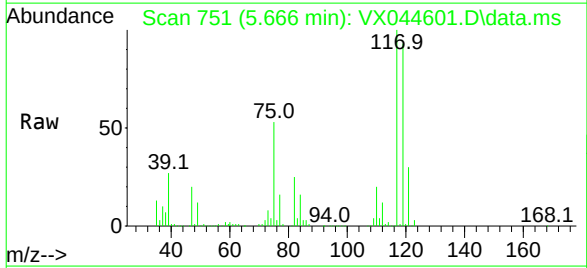
Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



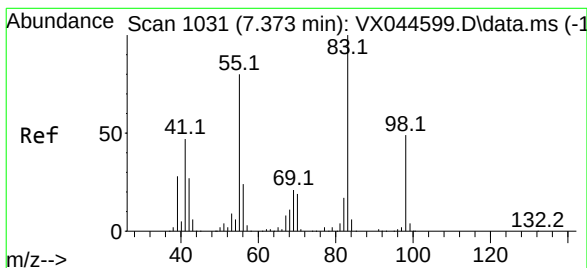
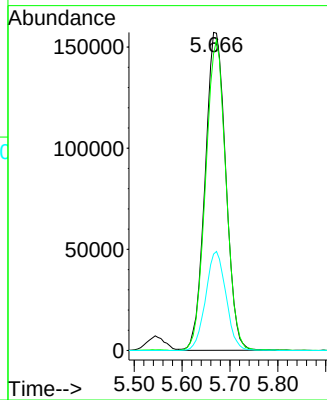
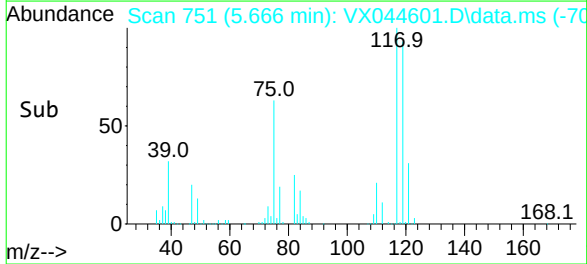
Tgt Ion:	117	Resp:	471467
Ion	Ratio	Lower	Upper
117	100		
119	93.4	74.5	111.7
121	30.3	24.1	36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#39

Methylcyclohexane

Concen: 151.439 ug/l

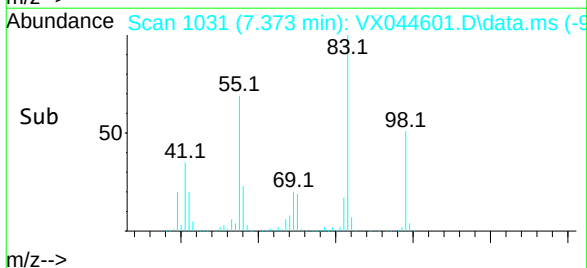
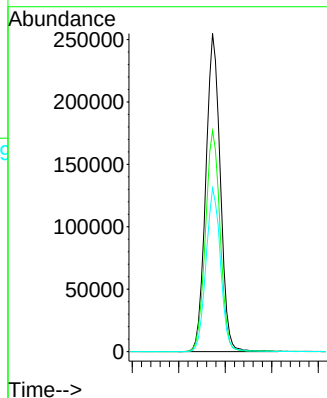
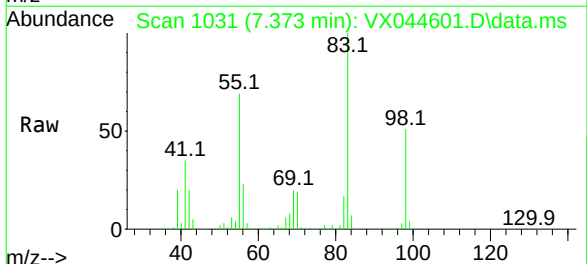
RT: 7.373 min Scan# 1031

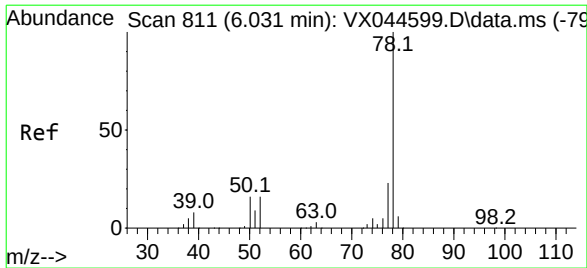
Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Tgt Ion:	83	Resp:	552098
Ion	Ratio	Lower	Upper
83	100		
55	69.5	64.1	96.1
98	51.4	38.9	58.3





#40

Benzene

Concen: 142.310 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 78 Resp: 1280226

Ion Ratio Lower Upper

78 100

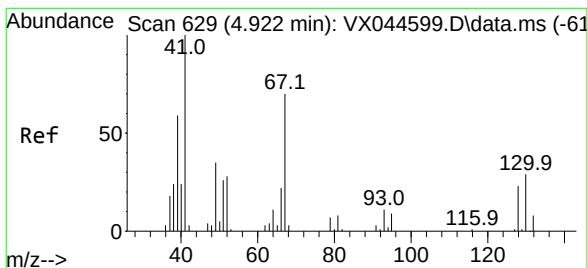
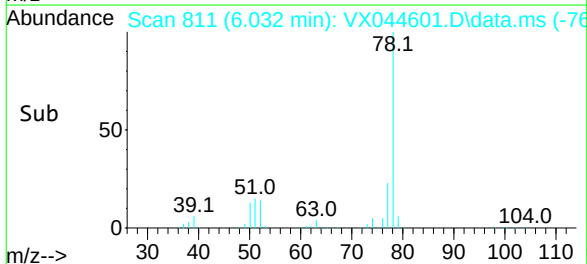
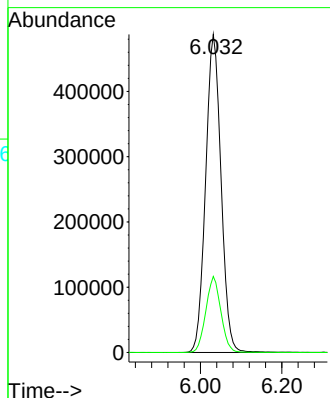
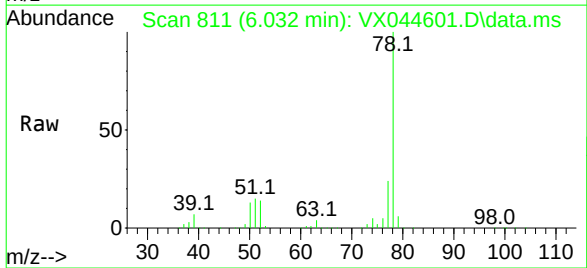
77 23.9 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#41

Methacrylonitrile

Concen: 125.194 ug/l

RT: 4.922 min Scan# 629

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Tgt Ion: 41 Resp: 196413

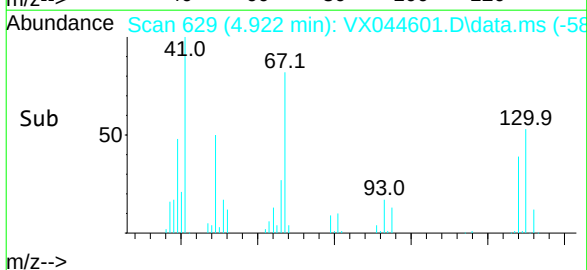
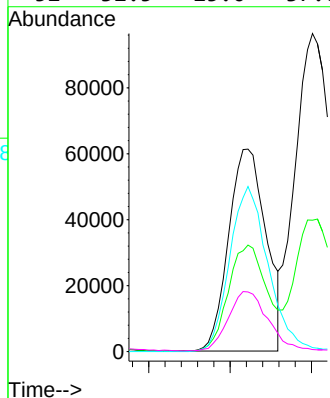
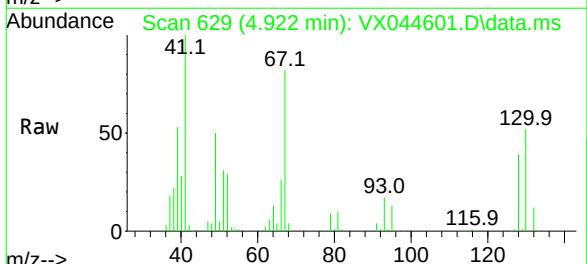
Ion Ratio Lower Upper

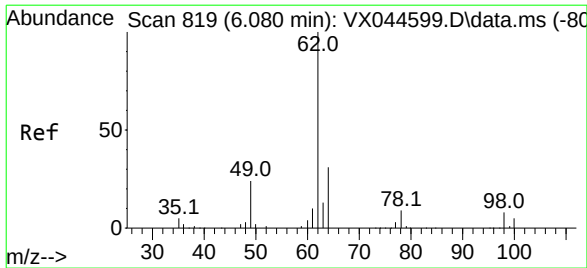
41 100

39 53.1 47.0 70.4

67 84.4 57.4 86.2

52 32.5 25.0 37.6





#42

1,2-Dichloroethane

Concen: 120.148 ug/l

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 62 Resp: 422697

Ion Ratio Lower Upper

62 100

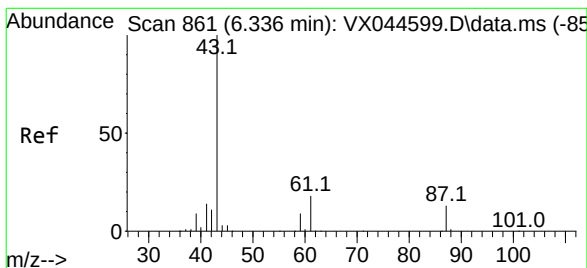
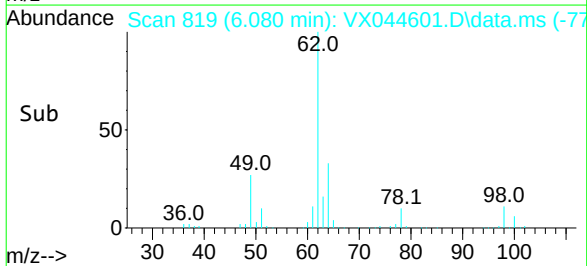
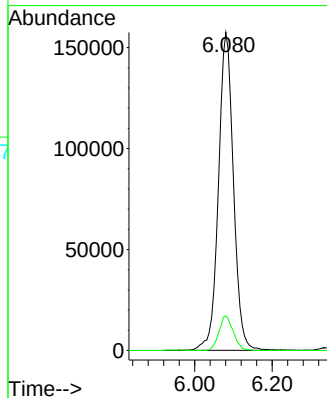
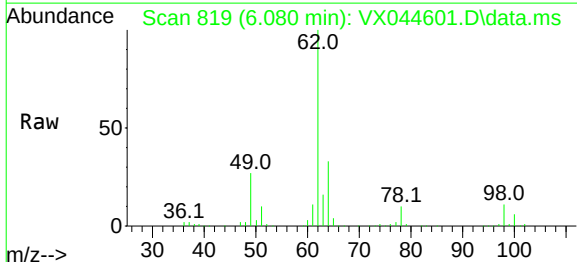
98 10.4 0.0 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#43

Isopropyl Acetate

Concen: 126.783 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

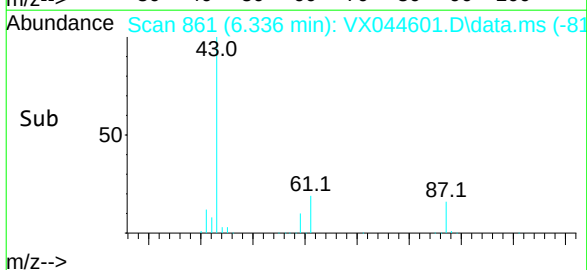
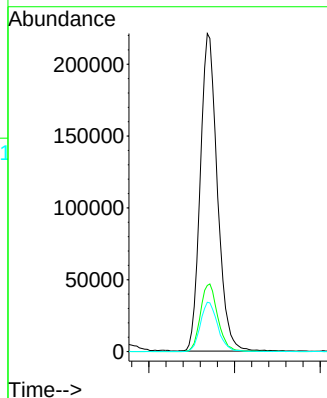
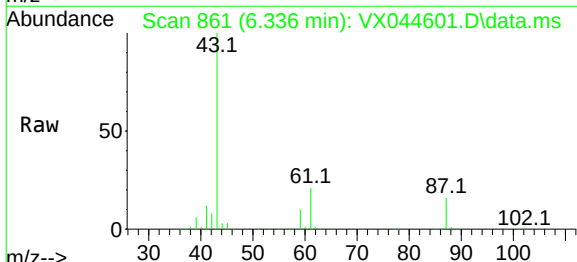
Tgt Ion: 43 Resp: 611339

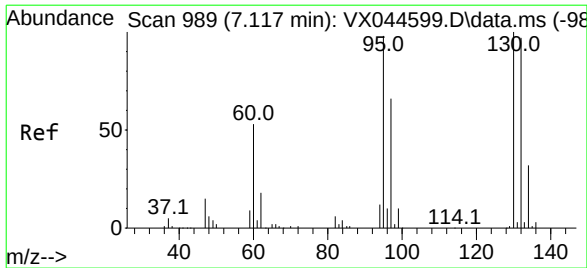
Ion Ratio Lower Upper

43 100

61 21.6 14.5 21.7

87 15.8 10.1 15.1#





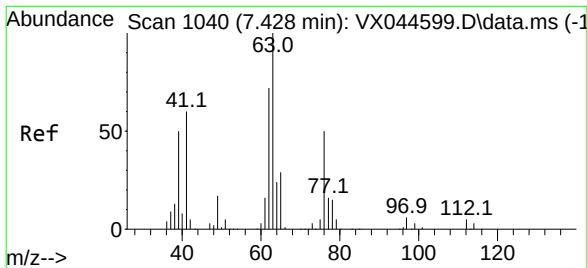
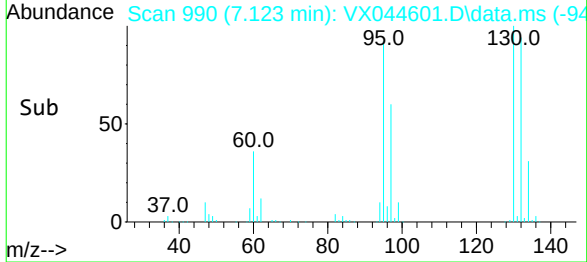
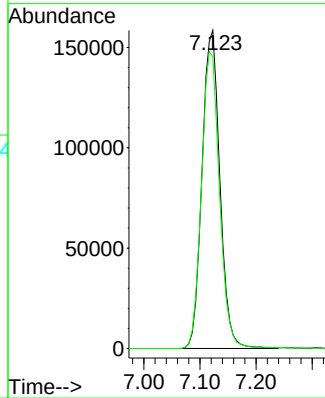
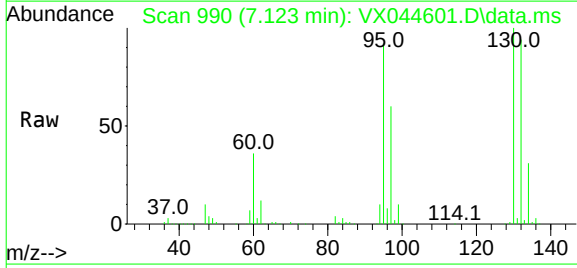
#44
Trichloroethene
Concen: 152.030 ug/l
RT: 7.123 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:130 Resp: 349611
Ion Ratio Lower Upper
130 100
95 91.8 0.0 195.6

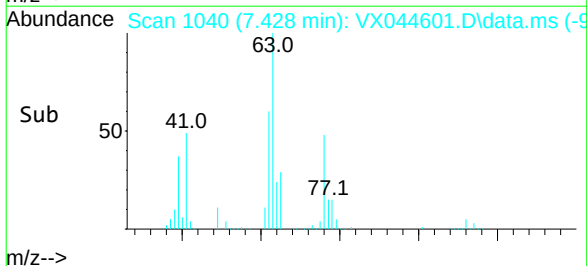
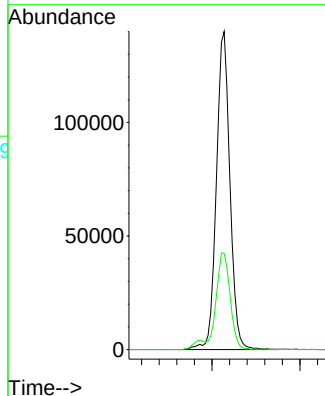
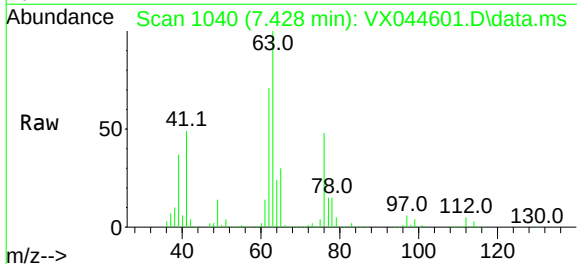
Manual Integrations
APPROVED

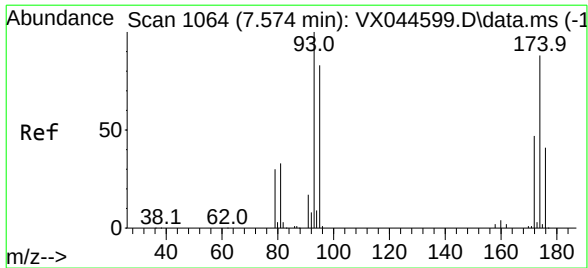
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#45
1,2-Dichloropropane
Concen: 136.469 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion: 63 Resp: 299322
Ion Ratio Lower Upper
63 100
65 30.3 23.0 34.4





#46

Dibromomethane

Concen: 138.350 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 93 Resp: 235994

Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

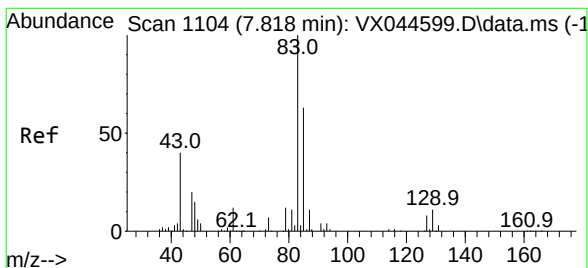
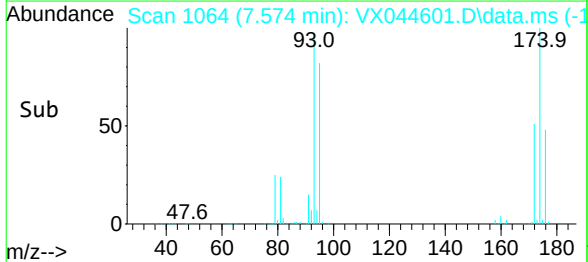
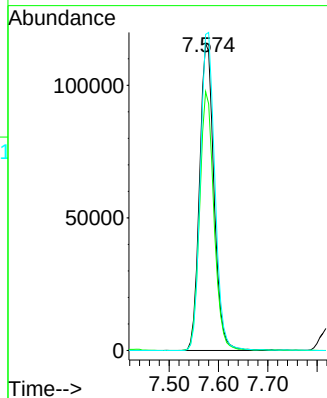
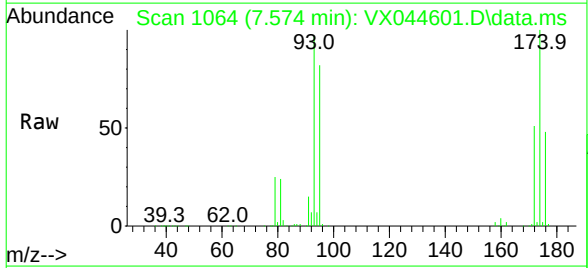
174 103.5 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#47

Bromodichloromethane

Concen: 143.029 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

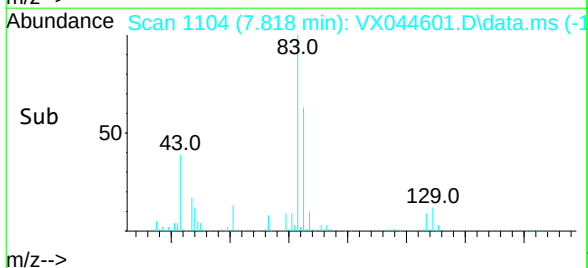
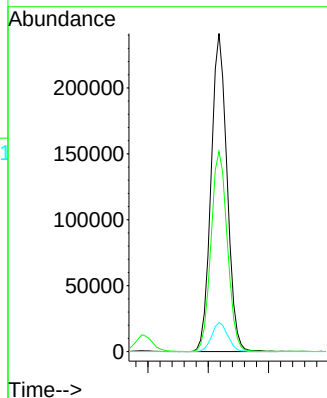
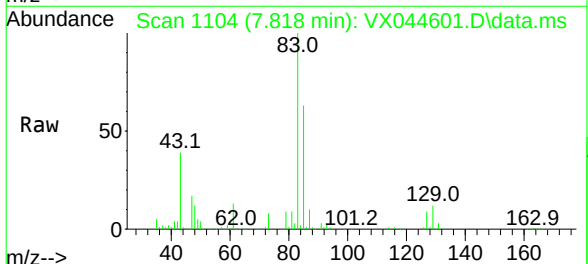
Tgt Ion: 83 Resp: 443978

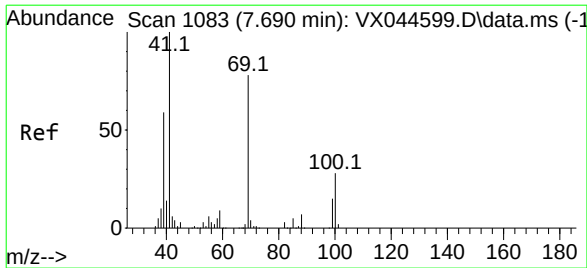
Ion Ratio Lower Upper

83 100

85 62.9 50.4 75.6

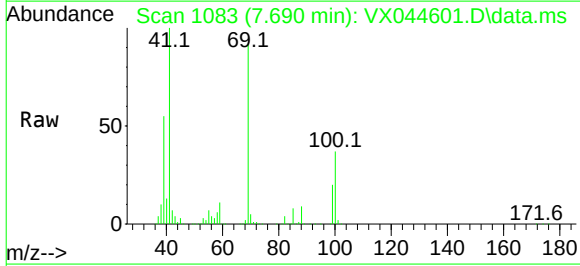
127 9.1 6.2 9.4





#48
Methyl methacrylate
Concen: 128.954 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

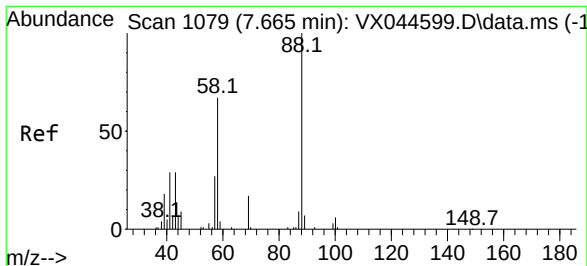
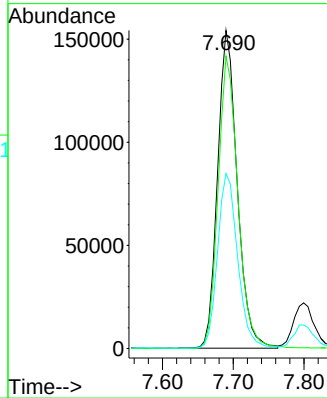
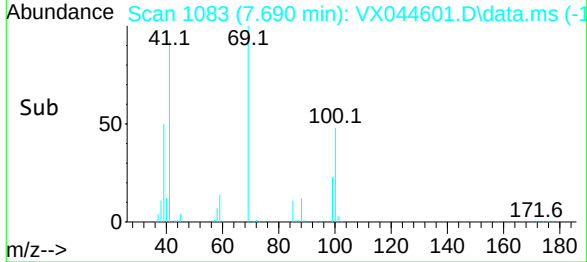
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



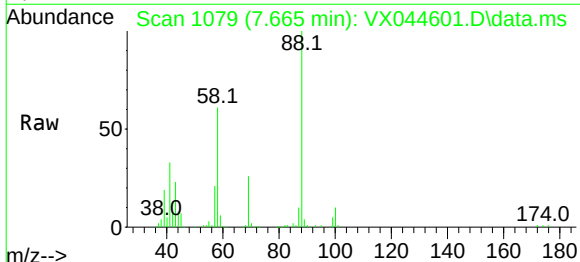
Tgt Ion: 41 Resp: 296575
Ion Ratio Lower Upper
41 100
69 93.2 62.9 94.3
39 56.4 48.9 73.3

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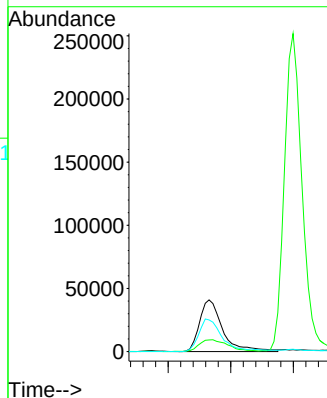
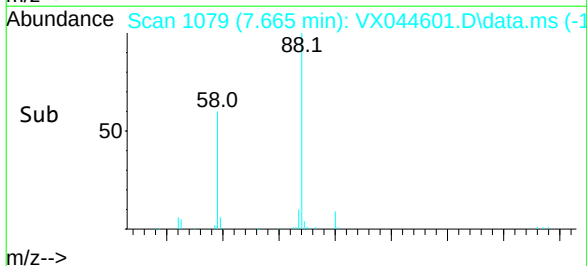
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

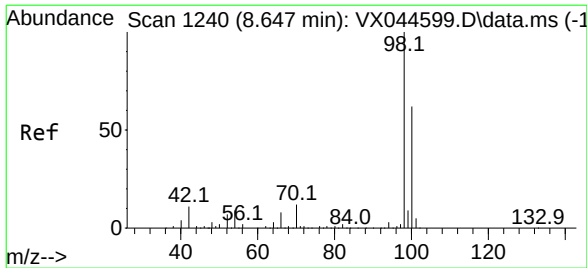


#49
1,4-Dioxane
Concen: 3106.467 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00



Tgt Ion: 88 Resp: 104987
Ion Ratio Lower Upper
88 100
43 29.1 29.5 44.3#
58 64.8 56.3 84.5





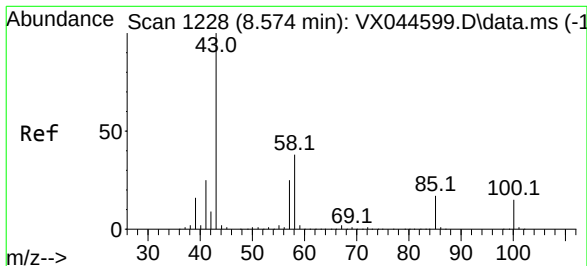
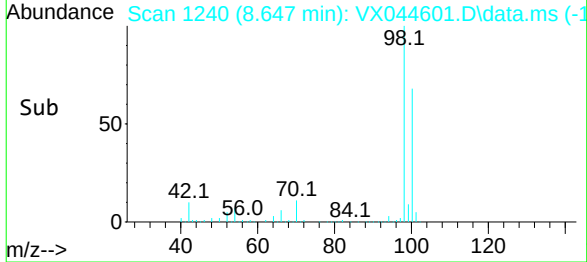
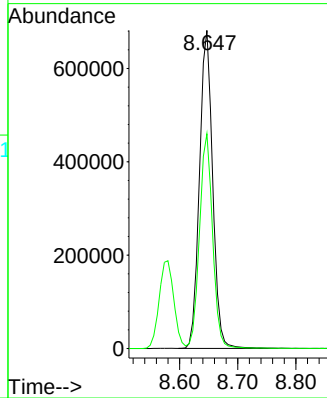
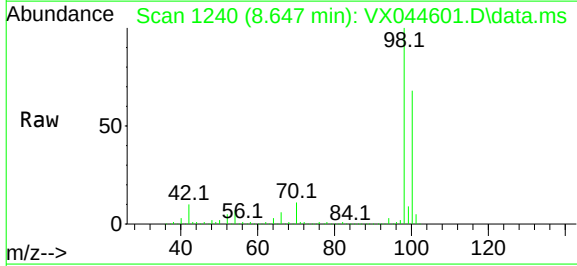
#50
Toluene-d8
Concen: 142.008 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 1071800
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

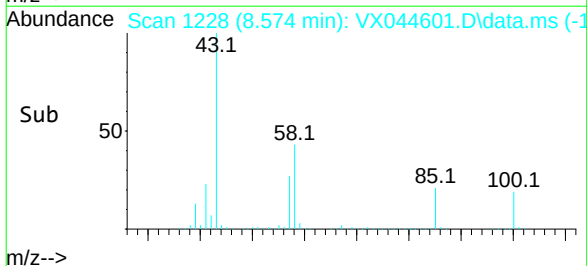
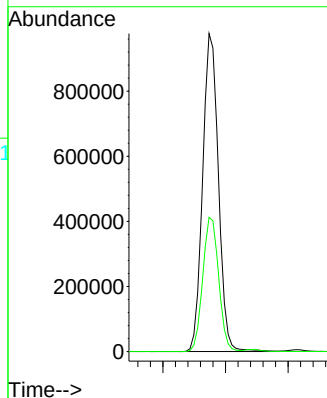
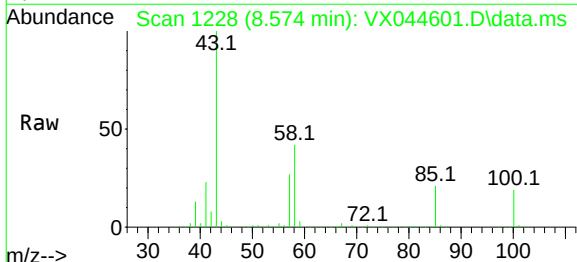
Manual Integrations
APPROVED

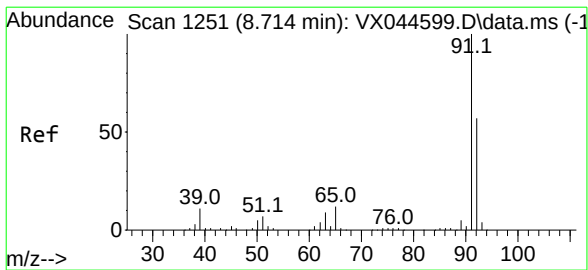
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#51
4-Methyl-2-Pentanone
Concen: 607.176 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion: 43 Resp: 1711444
Ion Ratio Lower Upper
43 100
58 42.5 30.0 45.0





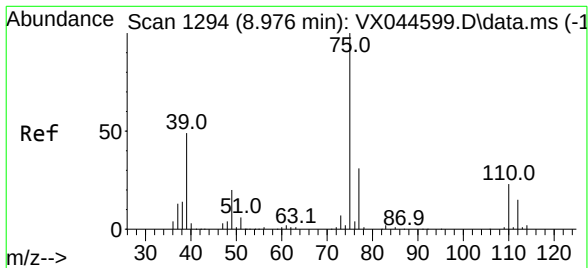
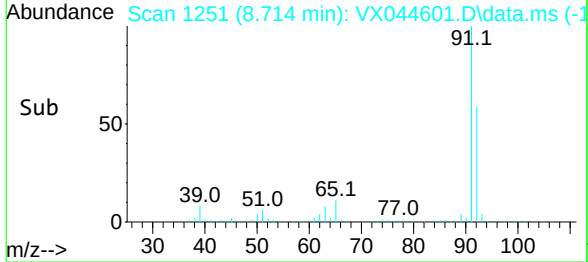
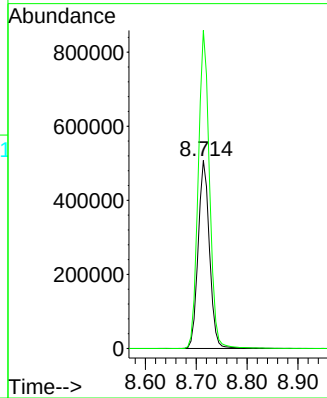
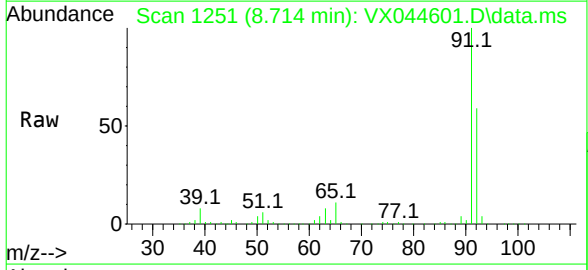
#52
Toluene
Concen: 144.441 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 92 Resp: 784020
Ion Ratio Lower Upper
92 100
91 168.7 140.6 210.8

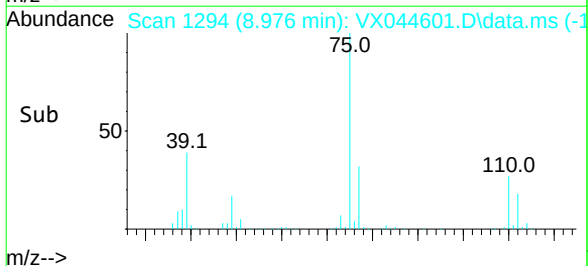
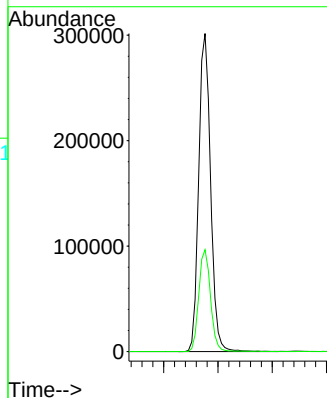
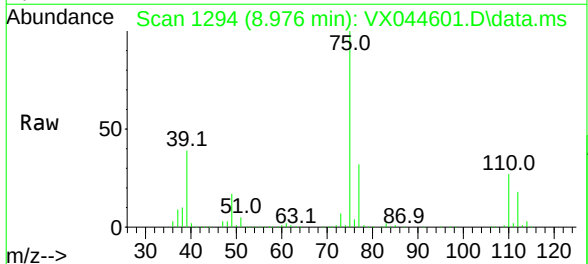
Manual Integrations
APPROVED

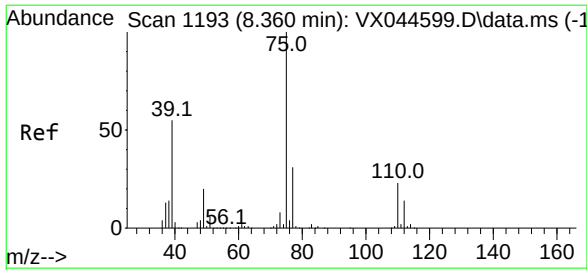
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#53
t-1,3-Dichloropropene
Concen: 154.153 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

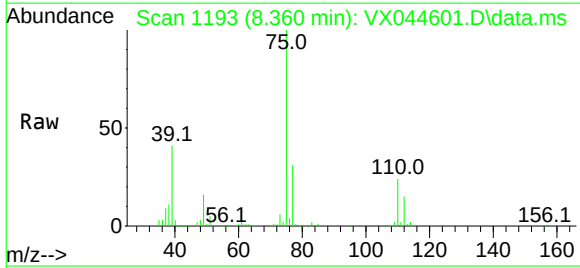
Tgt Ion: 75 Resp: 457387
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2





#54
 cis-1,3-Dichloropropene
 Concen: 151.162 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044601.D
 Acq: 07 Jan 2025 12:00

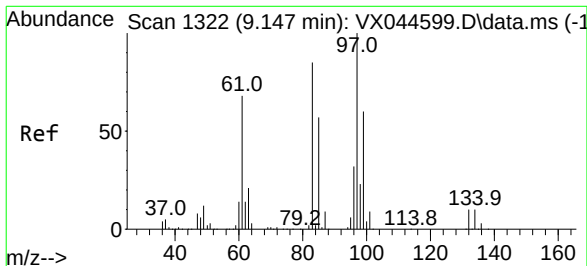
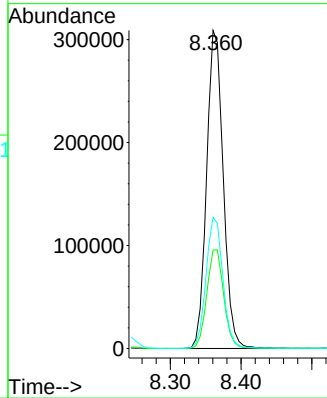
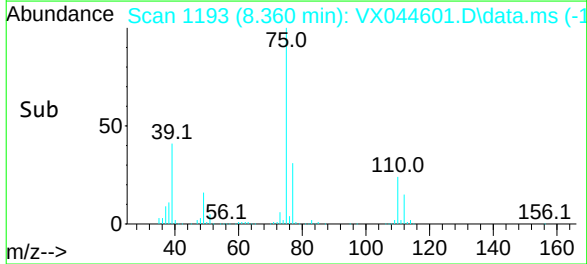
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150



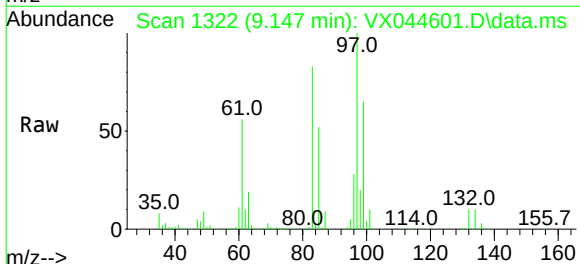
Tgt Ion: 75 Resp: 504071
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.5 36.7
 39 41.2 44.3 66.5#

Manual Integrations
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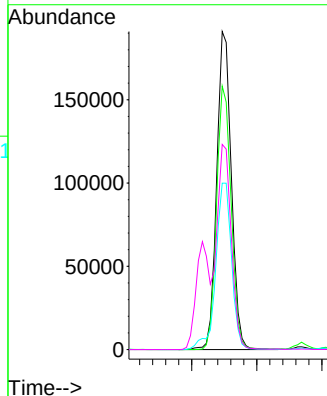
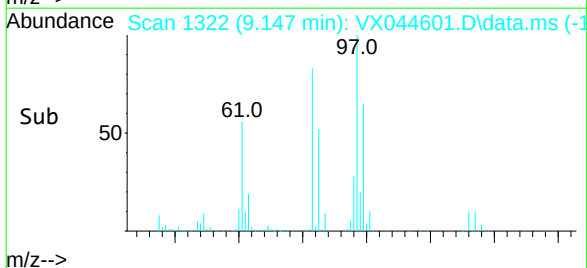
Reviewed By :John Carlone 01/08/2025
 Supervised By :Mahesh Dadoda 01/08/2025

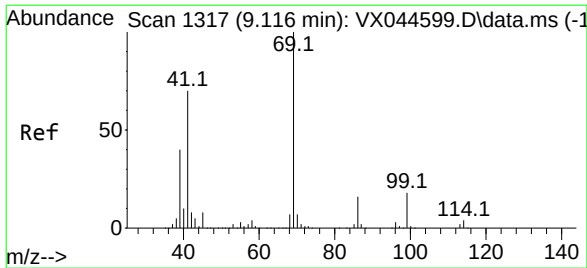


#55
 1,1,2-Trichloroethane
 Concen: 139.918 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX044601.D
 Acq: 07 Jan 2025 12:00



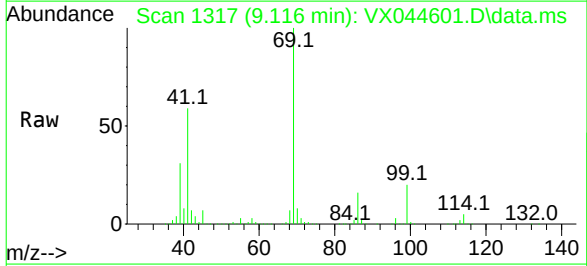
Tgt Ion: 97 Resp: 297735
 Ion Ratio Lower Upper
 97 100
 83 82.8 68.0 102.0
 85 52.3 45.4 68.0
 99 64.5 48.4 72.6





#56
Ethyl methacrylate
Concen: 151.390 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

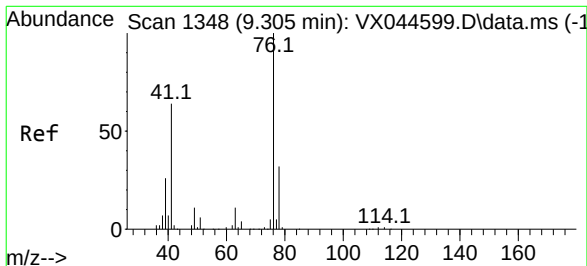
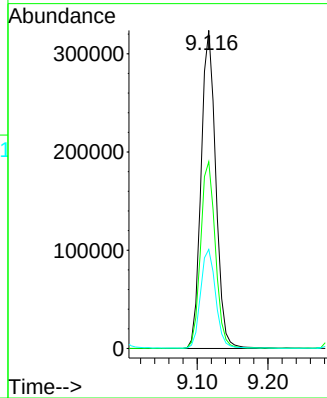
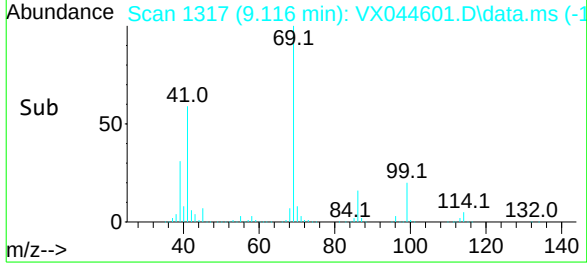
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 69 Resp: 468501
Ion Ratio Lower Upper
69 100
41 59.0 57.7 86.5
39 32.0 33.7 50.5#

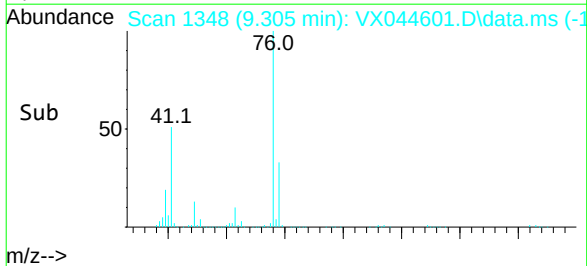
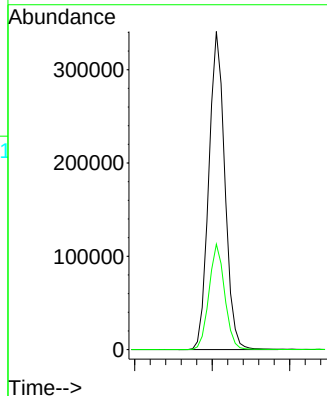
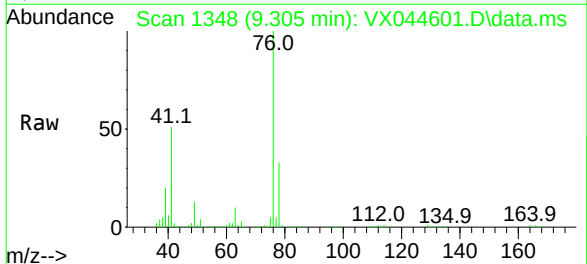
Manual Integrations
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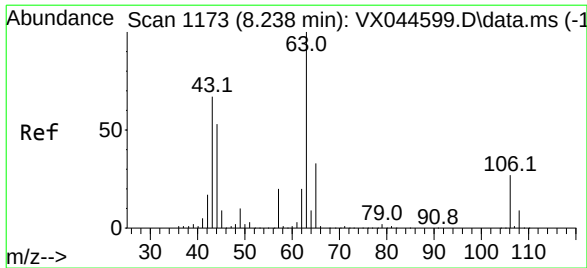
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#57
1,3-Dichloropropane
Concen: 136.912 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion: 76 Resp: 489228
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8





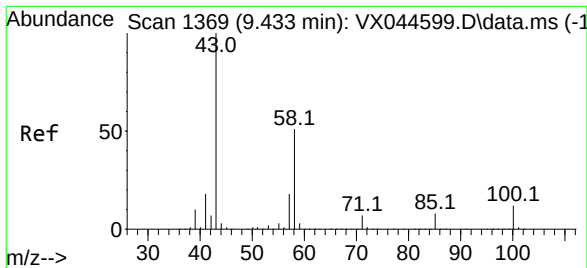
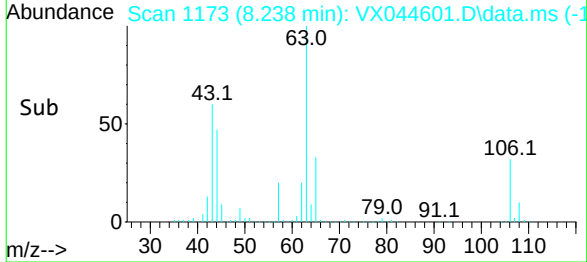
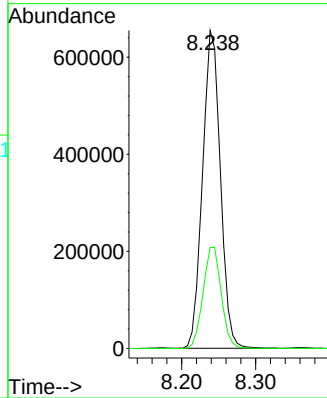
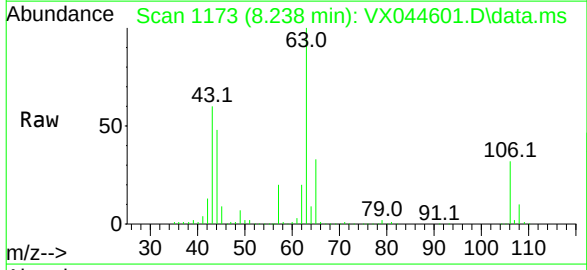
#58
2-Chloroethyl Vinyl ether
Concen: 715.006 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 1096941
Ion Ratio Lower Upper
63 100
106 32.5 22.4 33.6

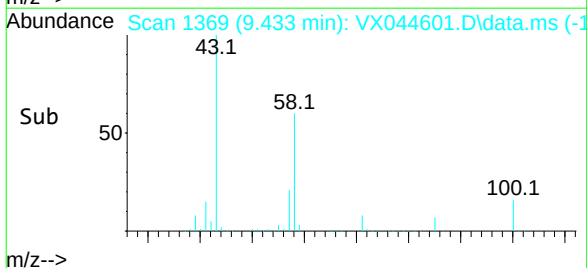
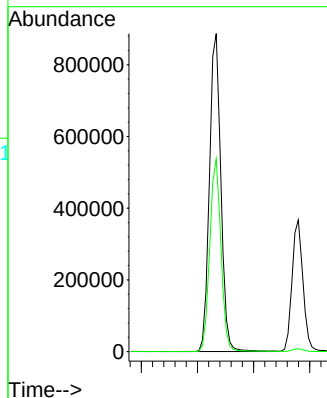
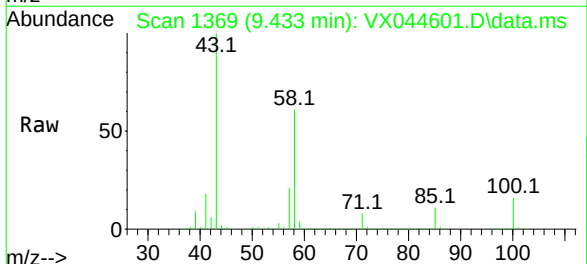
Manual Integrations
APPROVED

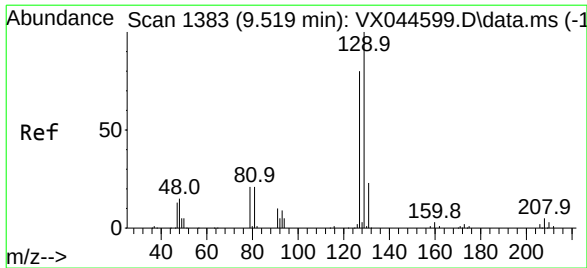
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#59
2-Hexanone
Concen: 628.603 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion: 43 Resp: 1253079
Ion Ratio Lower Upper
43 100
58 59.3 25.4 76.4





#60

Dibromochloromethane

Concen: 164.735 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:129 Resp: 349531

Ion Ratio Lower Upper

129 100

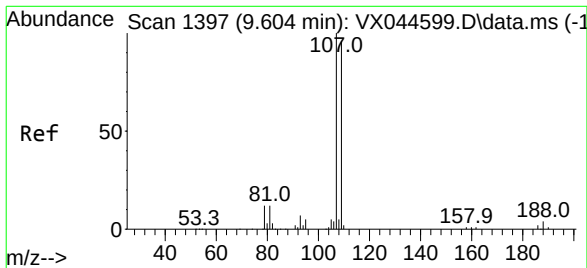
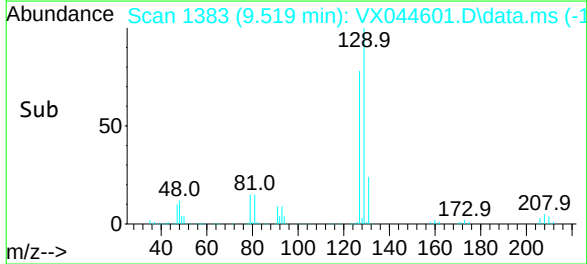
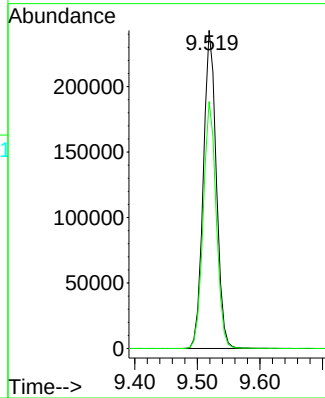
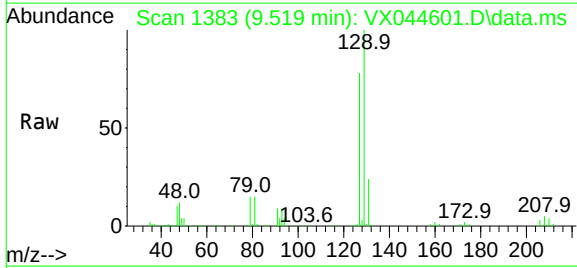
127 77.8 38.9 116.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#61

1,2-Dibromoethane

Concen: 147.210 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044601.D

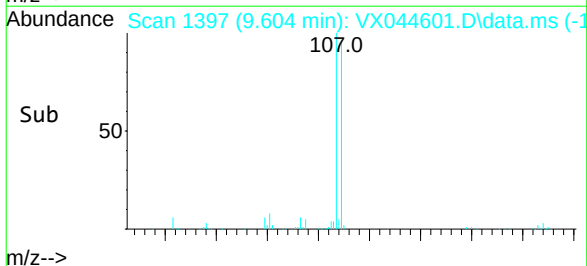
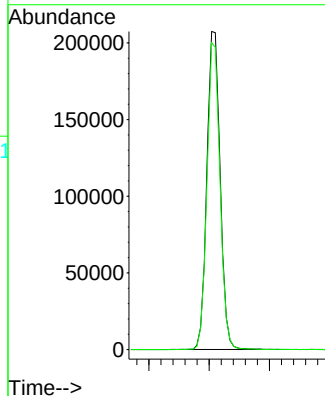
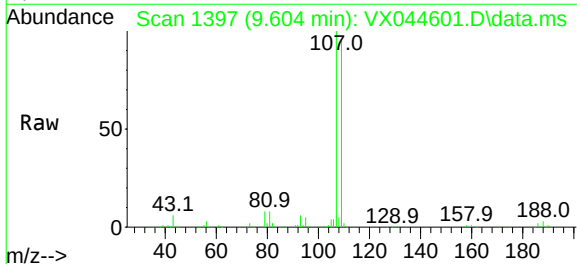
Acq: 07 Jan 2025 12:00

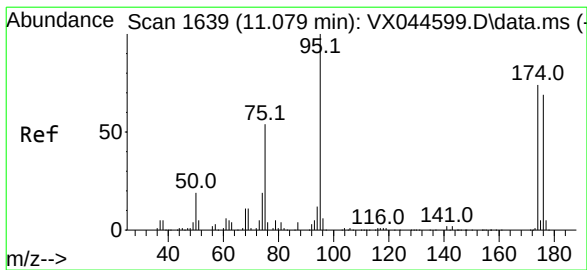
Tgt Ion:107 Resp: 316369

Ion Ratio Lower Upper

107 100

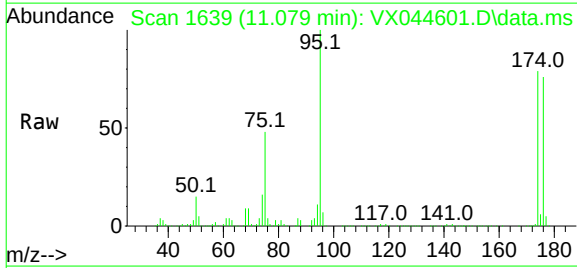
109 95.0 76.7 115.1





#62
4-Bromofluorobenzene
Concen: 145.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

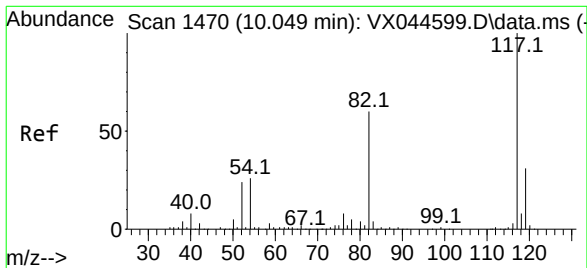
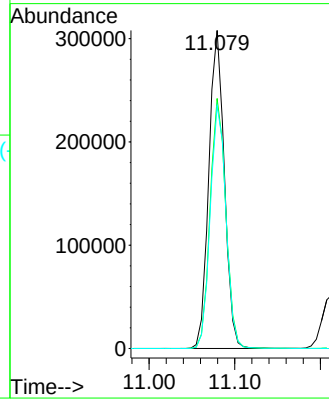
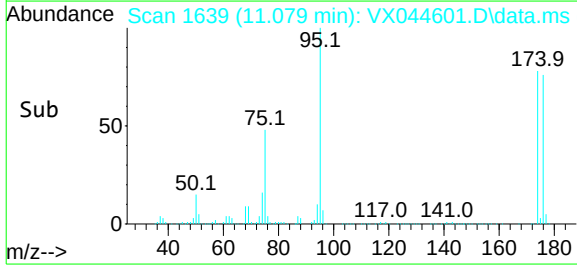
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



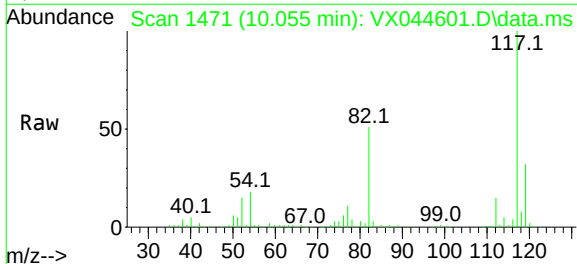
Tgt Ion: 95 Resp: 386929
Ion Ratio Lower Upper
95 100
174 79.6 0.0 148.8
176 77.6 0.0 139.8

Manual Integrations
APPROVED

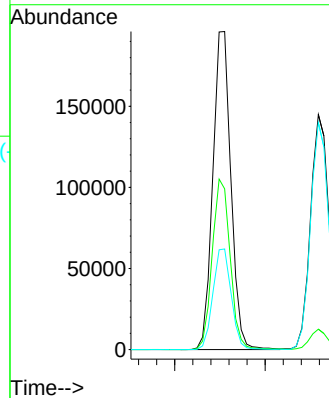
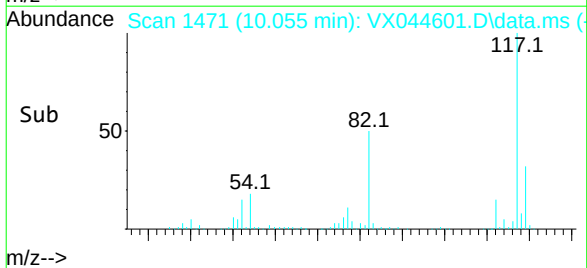
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

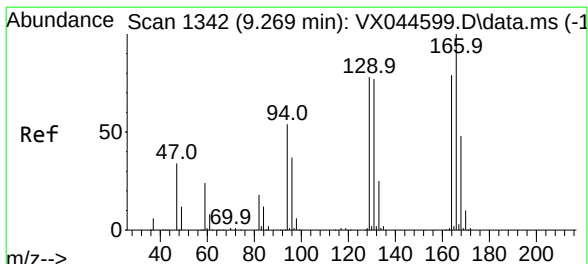


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00



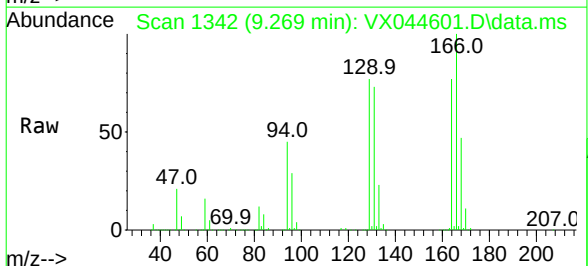
Tgt Ion:117 Resp: 272245
Ion Ratio Lower Upper
117 100
82 50.5 47.8 71.6
119 31.6 25.0 37.6





#64
 Tetrachloroethene
 Concen: 146.458 ug/l
 RT: 9.269 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX044601.D
 Acq: 07 Jan 2025 12:00

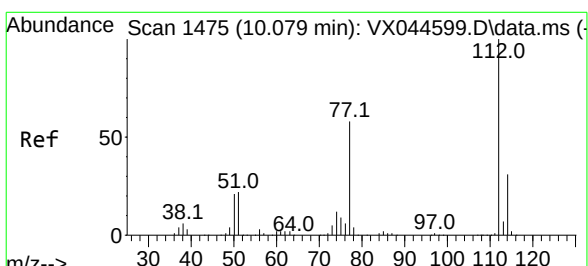
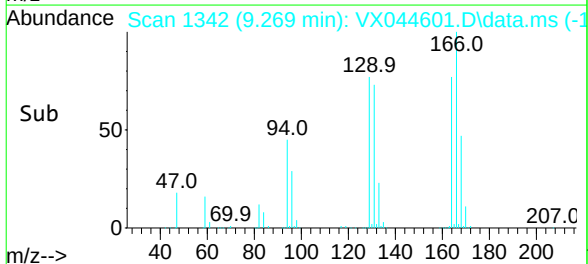
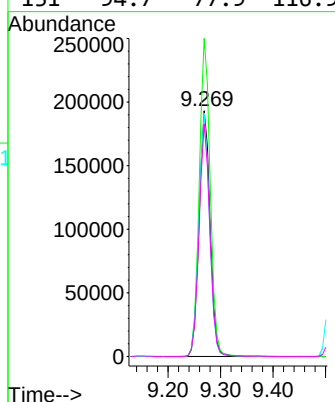
Instrument : MSVOA_X
 ClientSampleId : VSTDIC150



Tgt Ion: 164 Resp: 281910

Ion	Ratio	Lower	Upper
164	100		
166	129.4	101.5	152.3
129	99.1	78.9	118.3
131	94.7	77.9	116.9

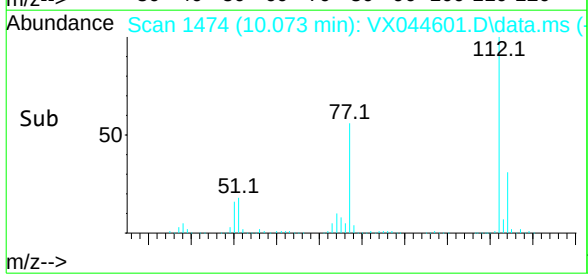
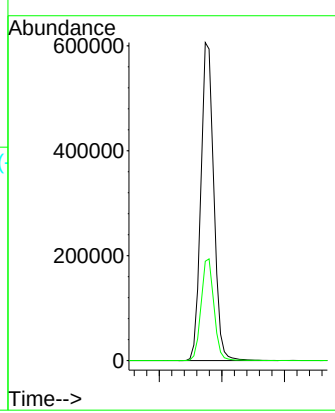
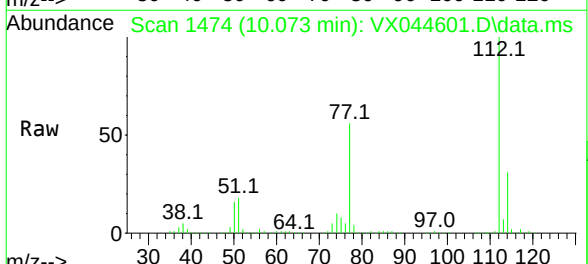
Manual Integrations
APPROVED
 Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

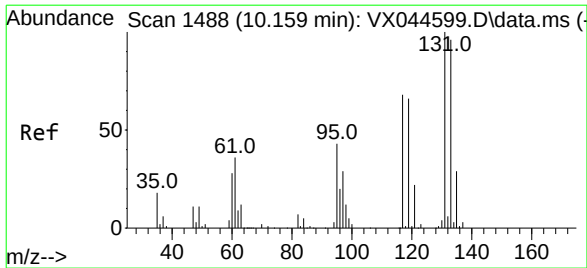


#65
 Chlorobenzene
 Concen: 150.505 ug/l
 RT: 10.073 min Scan# 1474
 Delta R.T. -0.006 min
 Lab File: VX044601.D
 Acq: 07 Jan 2025 12:00

Tgt Ion: 112 Resp: 869620

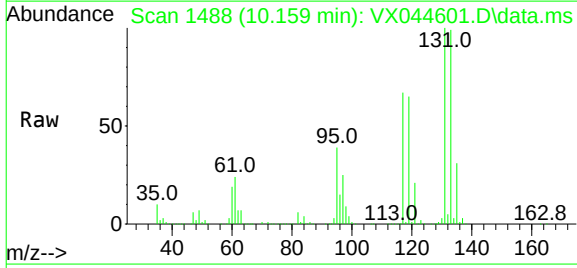
Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.0	37.4





#66
1,1,1,2-Tetrachloroethane
Concen: 158.550 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

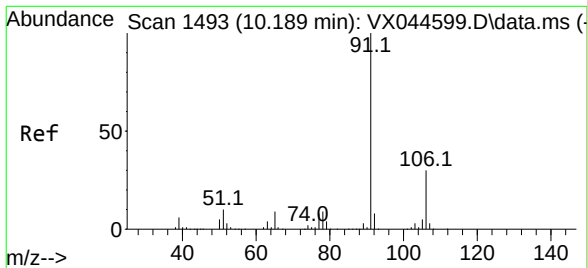
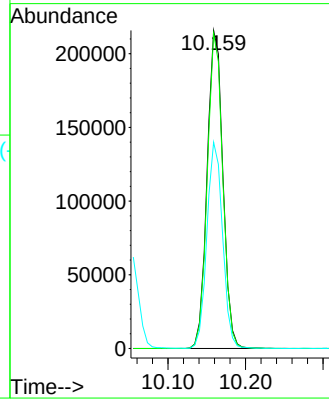
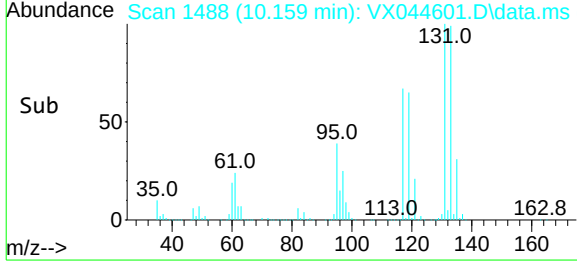
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 131 Resp: 304267
Ion Ratio Lower Upper
131 100
133 97.0 48.0 144.0
119 64.6 32.8 98.4

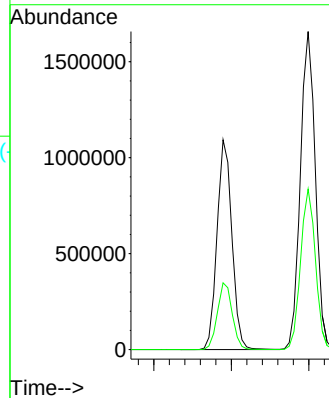
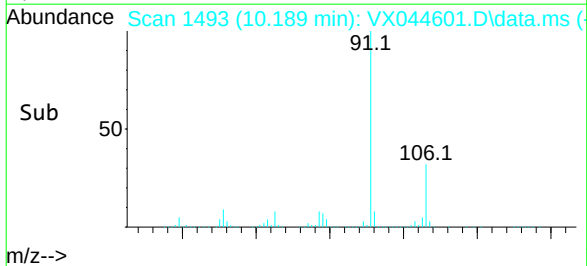
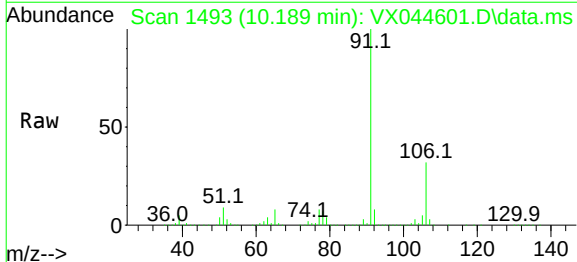
Manual Integrations
APPROVED

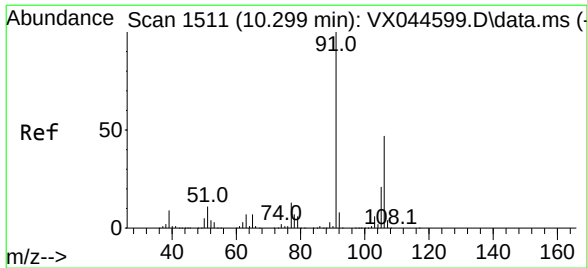
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#67
Ethyl Benzene
Concen: 146.761 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

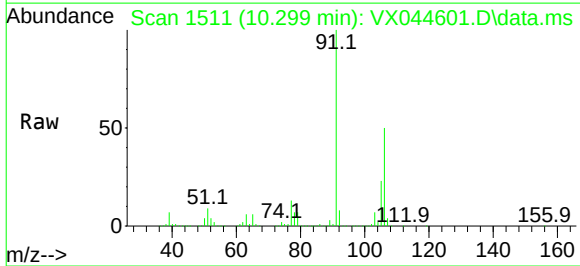
Tgt Ion: 91 Resp: 1456186
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.8





#68
m/p-Xylenes
Concen: 306.320 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

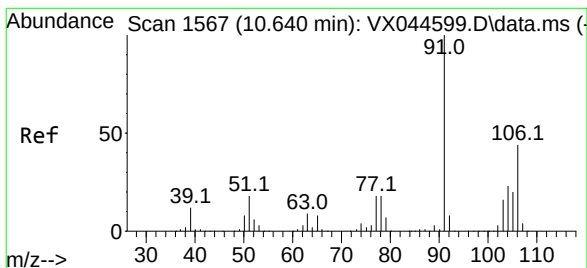
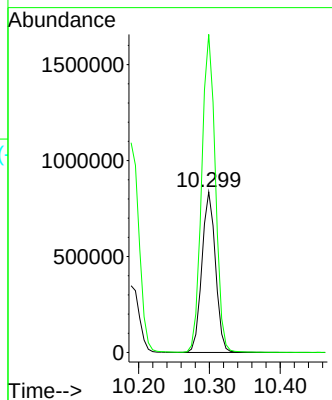
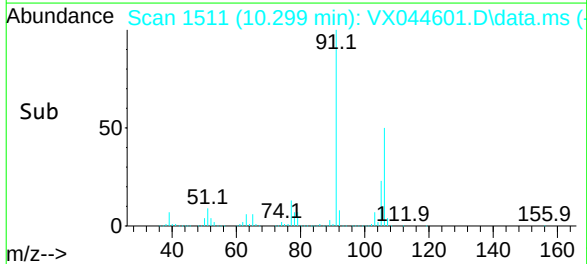
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



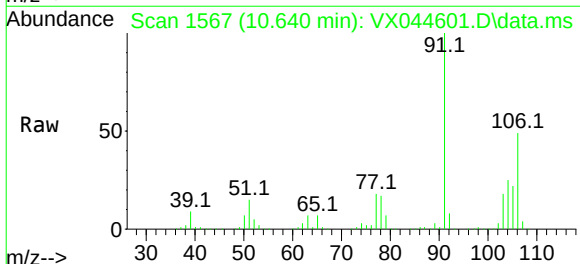
Tgt Ion:106 Resp: 1116860
Ion Ratio Lower Upper
106 100
91 200.0 170.4 255.6

Manual Integrations
APPROVED

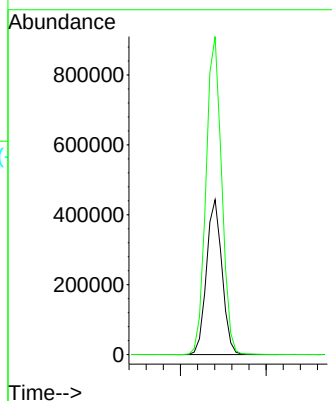
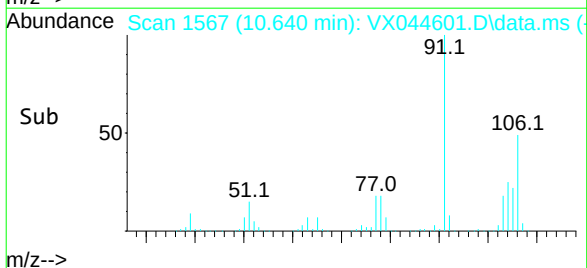
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

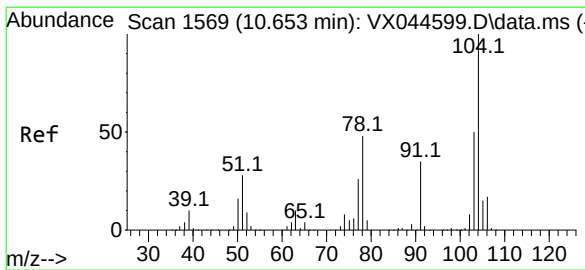


#69
o-Xylene
Concen: 151.545 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00



Tgt Ion:106 Resp: 557711
Ion Ratio Lower Upper
106 100
91 207.2 112.3 336.8





#70

Styrene

Concen: 158.937 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

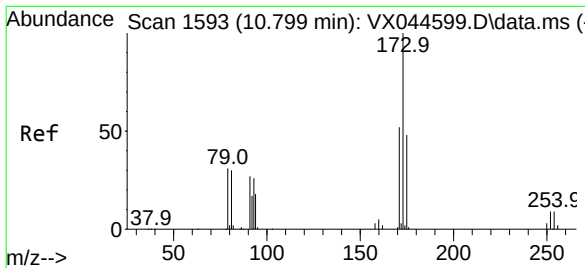
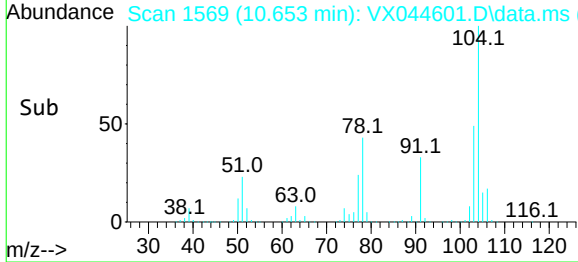
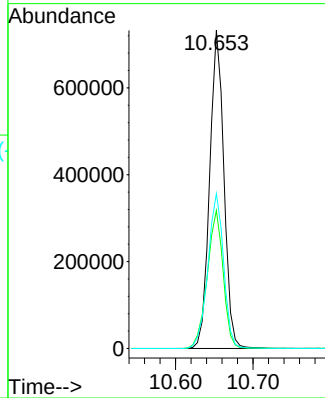
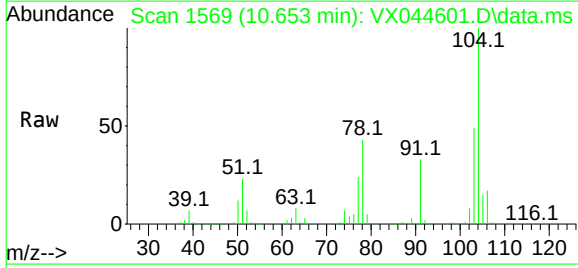
Tgt Ion:	104	Resp:	935547
Ion Ratio	Lower	Upper	
104	100		
78	48.5	44.0	66.0
103	53.9	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#71

Bromoform

Concen: 149.977 ug/l

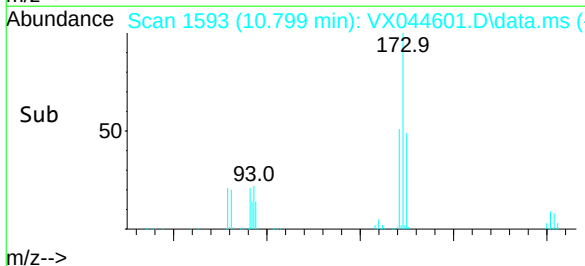
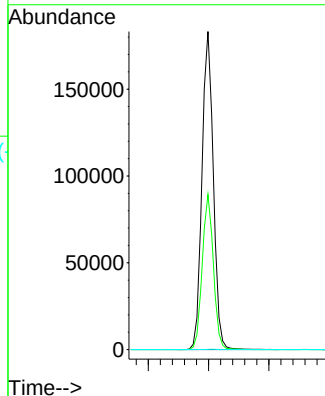
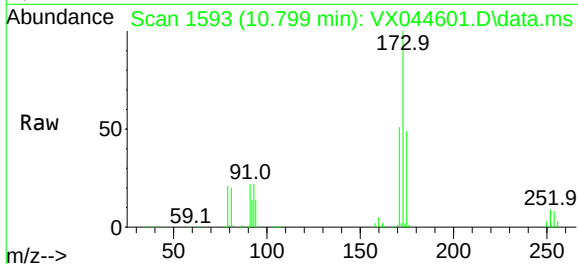
RT: 10.799 min Scan# 1593

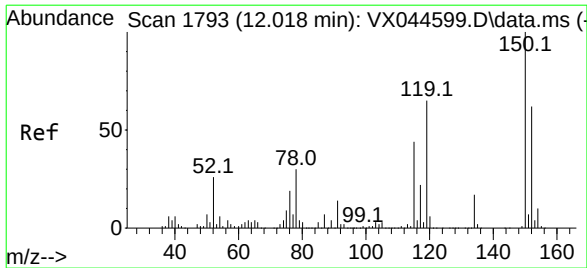
Delta R.T. -0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Tgt Ion:	173	Resp:	239442
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.6	73.8
254	0.1	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:152 Resp: 134118

Ion Ratio Lower Upper

152 100

115 129.1 44.4 133.1

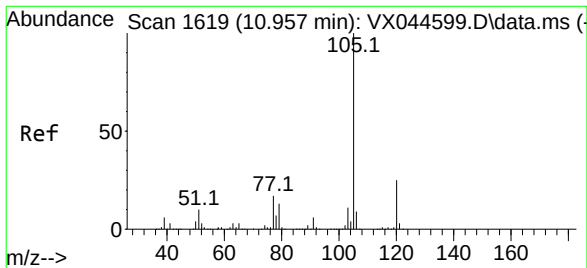
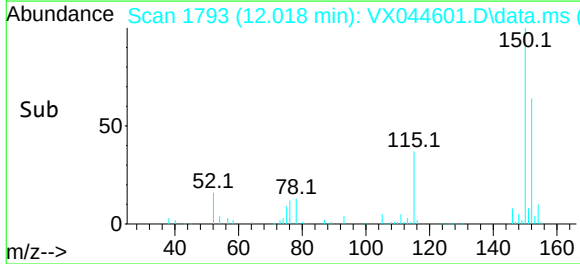
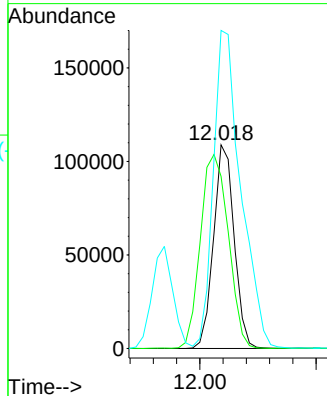
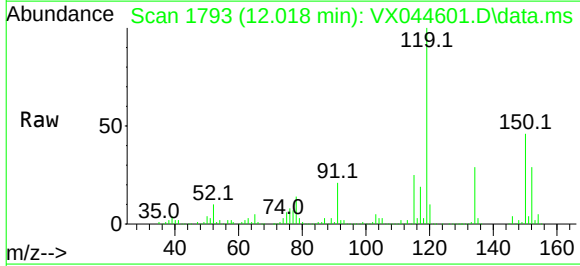
150 208.3 0.0 355.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#73

Isopropylbenzene

Concen: 142.367 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044601.D

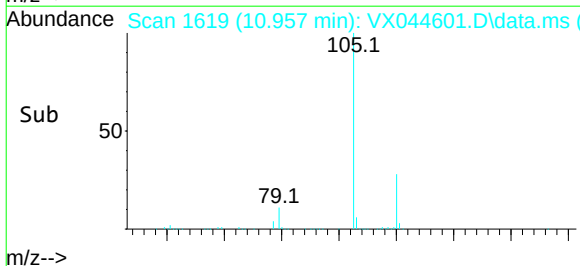
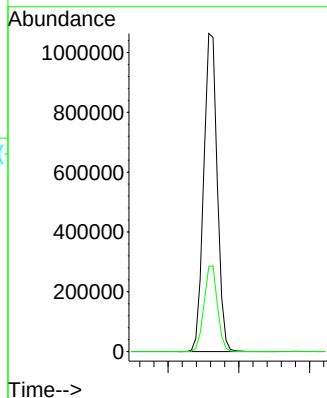
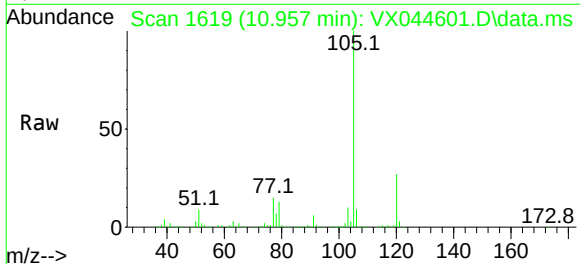
Acq: 07 Jan 2025 12:00

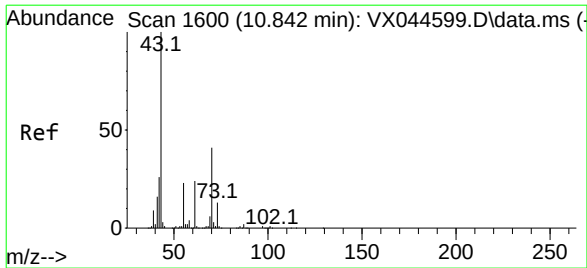
Tgt Ion:105 Resp: 1414616

Ion Ratio Lower Upper

105 100

120 26.8 13.0 38.9





#74

N-amy1 acetate

Concen: 133.652 ug/l

RT: 10.842 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 538859

Ion Ratio Lower Upper

43 100

70 48.3 32.9 49.3

55 25.0 19.0 28.6

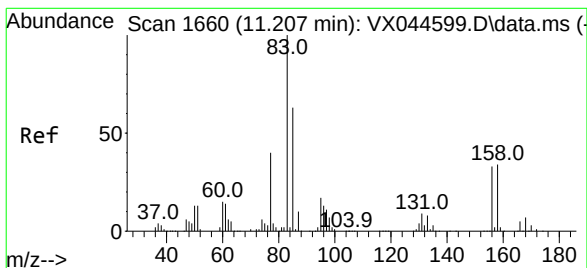
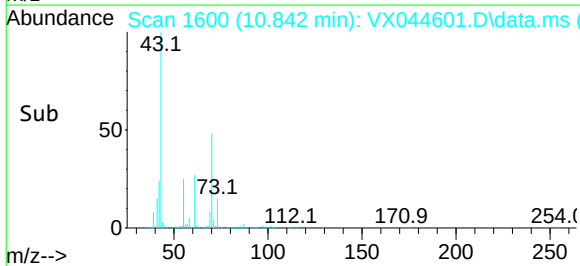
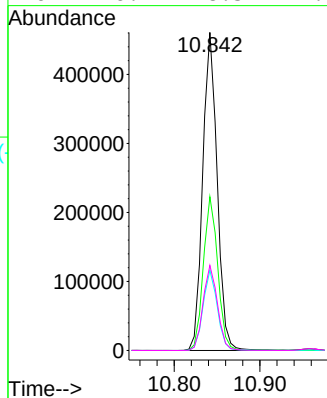
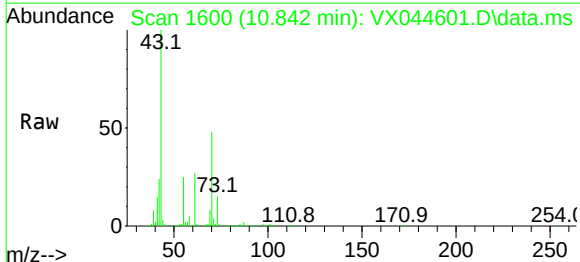
61 26.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#75

1,1,2,2-Tetrachloroethane

Concen: 132.076 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

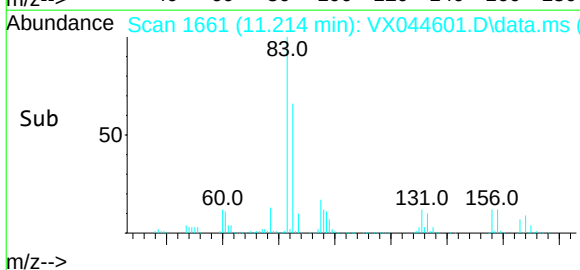
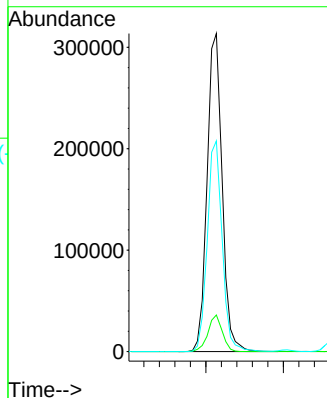
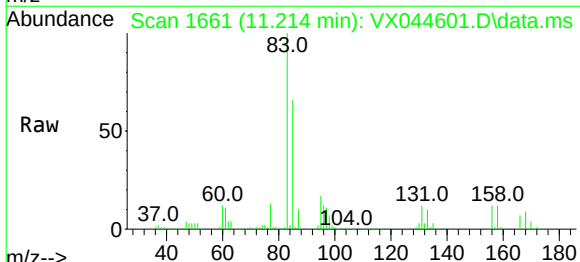
Tgt Ion: 83 Resp: 423014

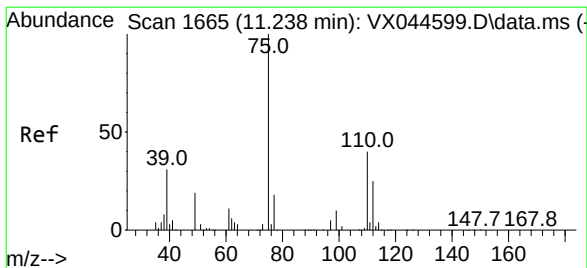
Ion Ratio Lower Upper

83 100

131 11.0 5.0 15.0

85 65.6 31.9 95.5





#76

1,2,3-Trichloropropane

Concen: 130.022 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 349569

Ion Ratio Lower Upper

75 100

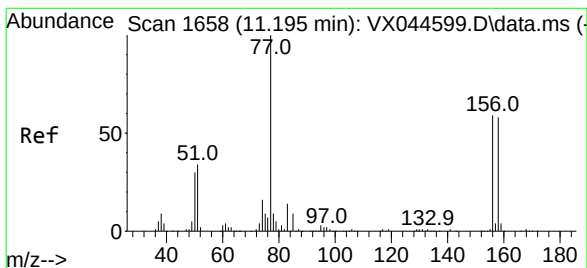
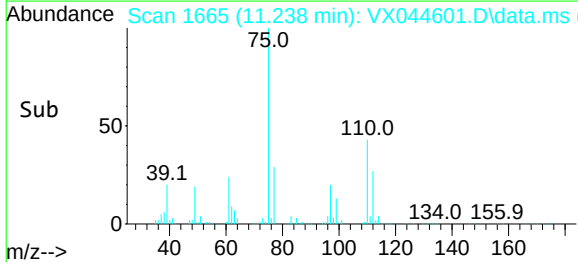
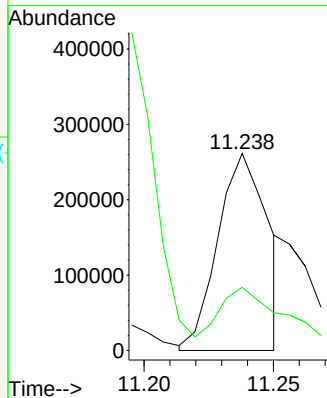
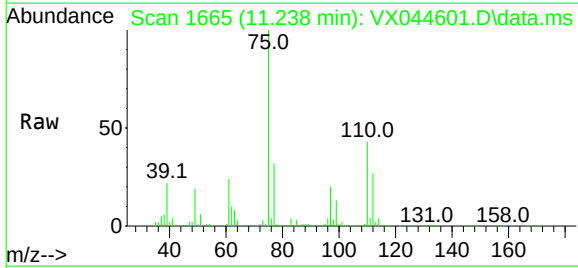
77 43.4 21.1 63.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#77

Bromobenzene

Concen: 149.574 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

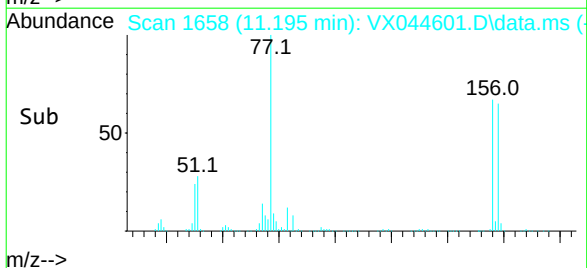
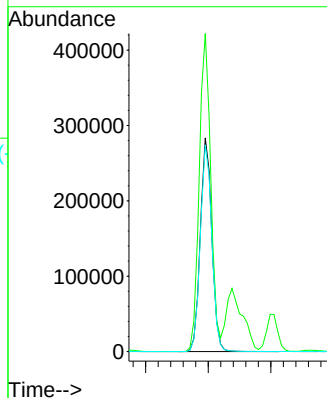
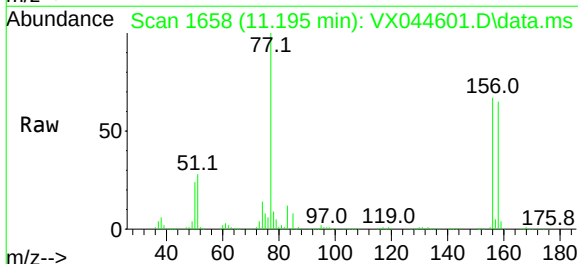
Tgt Ion:156 Resp: 361039

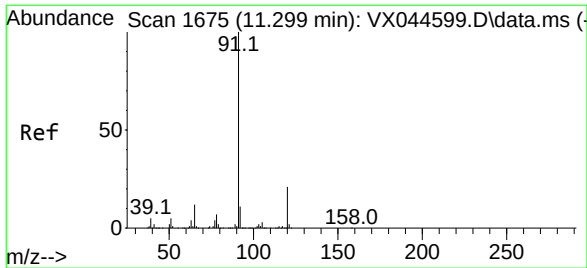
Ion Ratio Lower Upper

156 100

77 149.5 85.7 257.1

158 96.8 49.9 149.6





#78

n-propylbenzene

Concen: 142.620 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 1596196

Ion Ratio Lower Upper

91 100

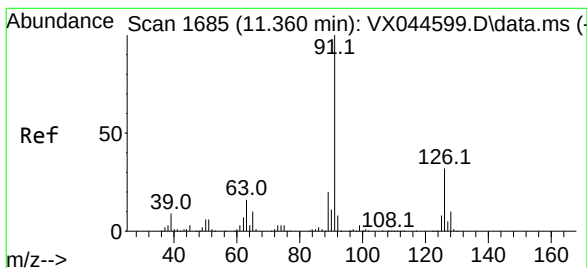
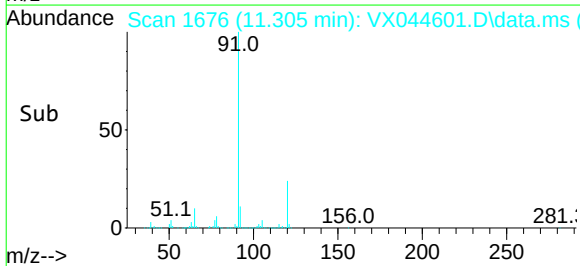
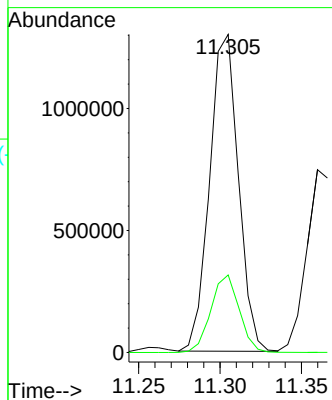
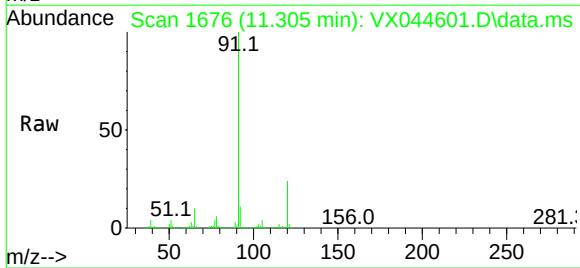
120 24.1 11.2 33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#79

2-Chlorotoluene

Concen: 132.631 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VX044601.D

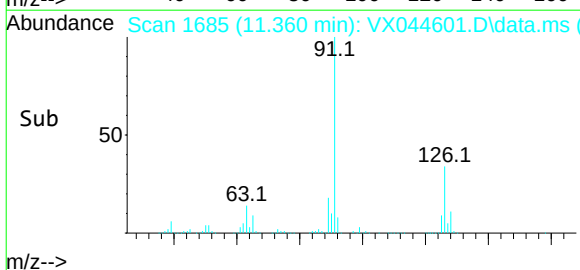
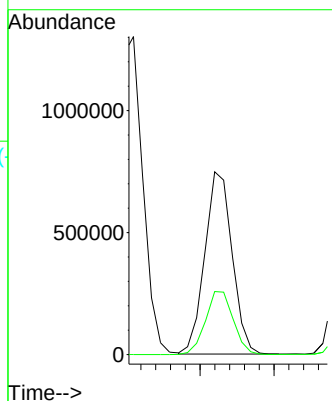
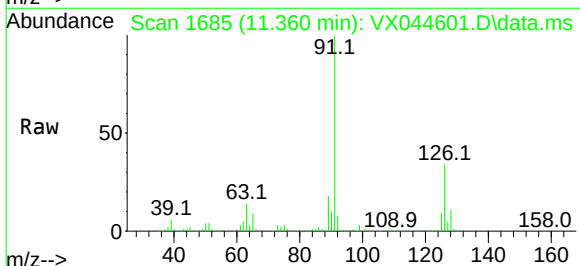
Acq: 07 Jan 2025 12:00

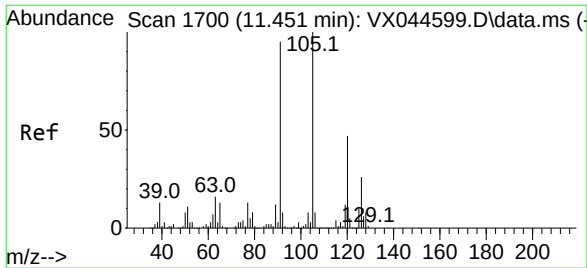
Tgt Ion: 91 Resp: 961904

Ion Ratio Lower Upper

91 100

126 35.2 16.4 49.2





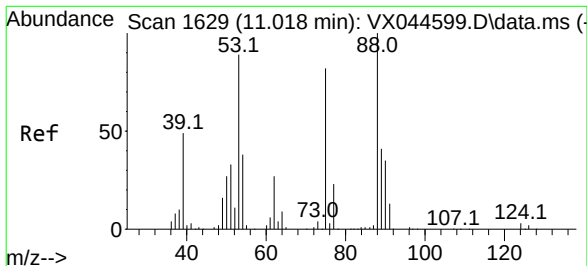
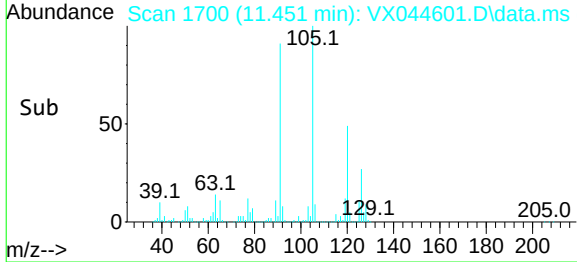
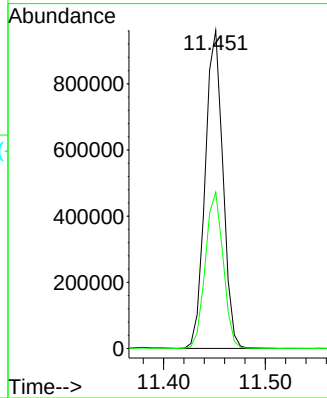
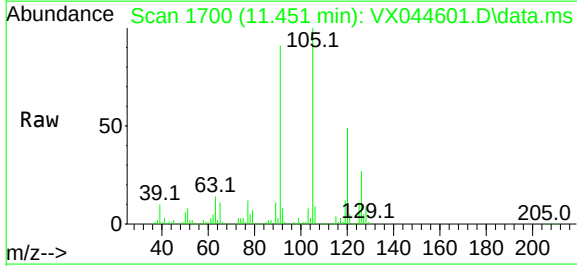
#80
1,3,5-Trimethylbenzene
Concen: 141.208 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 105 Resp: 1163357
Ion Ratio Lower Upper
105 100
120 49.5 23.5 70.5

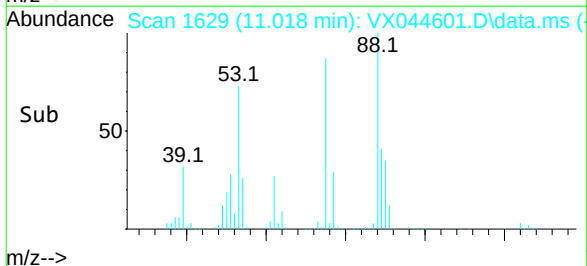
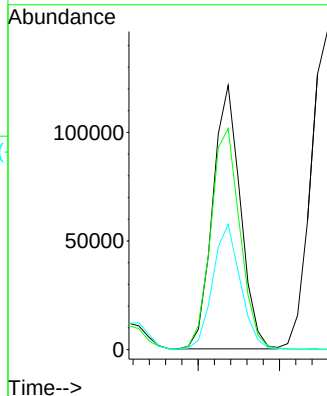
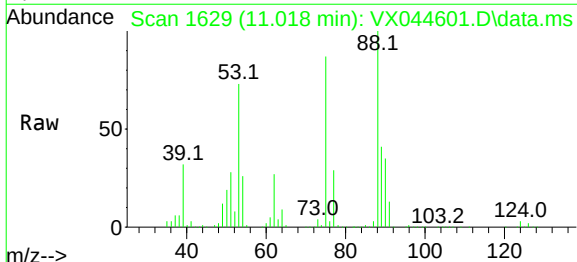
Manual Integrations
APPROVED

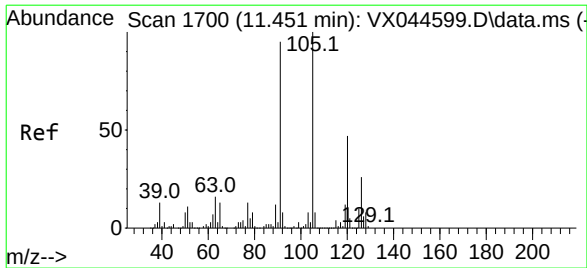
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#81
trans-1,4-Dichloro-2-butene
Concen: 162.448 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion: 75 Resp: 143479
Ion Ratio Lower Upper
75 100
53 88.2 92.7 139.1#
89 47.9 38.3 57.5





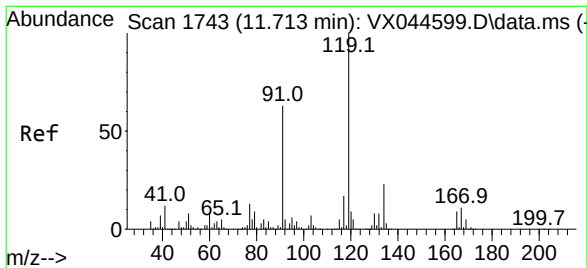
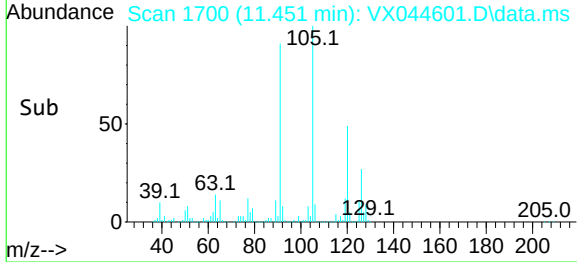
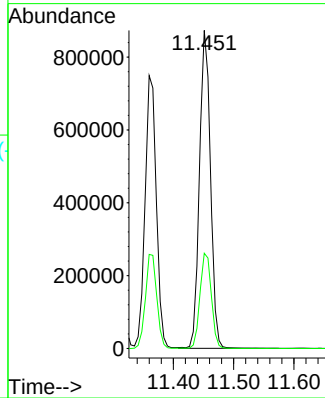
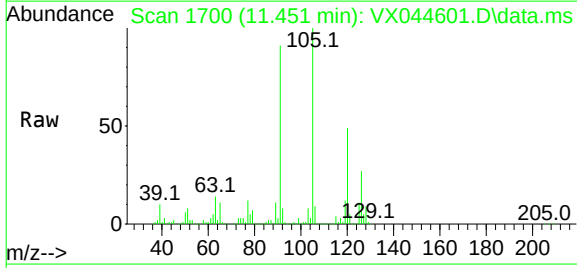
#82
4-Chlorotoluene
Concen: 135.314 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1104003
Ion Ratio Lower Upper
91 100
126 31.0 14.0 42.0

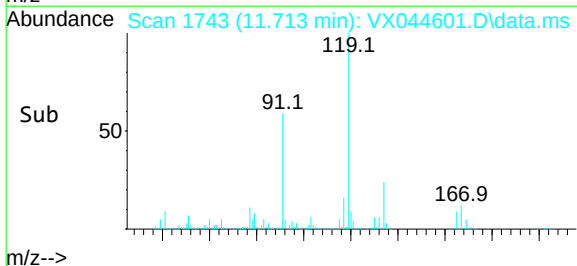
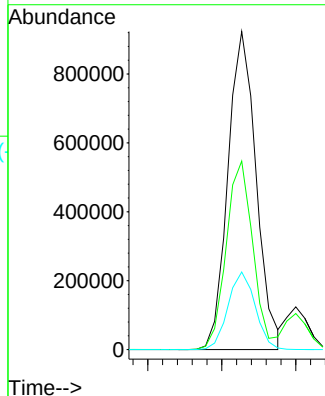
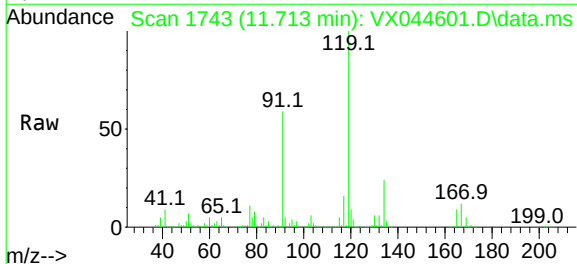
Manual Integrations
APPROVED

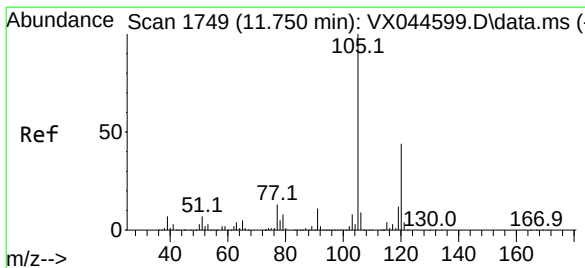
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#83
tert-Butylbenzene
Concen: 149.273 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Tgt Ion:119 Resp: 1224555
Ion Ratio Lower Upper
119 100
91 56.5 30.9 92.8
134 23.5 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 145.607 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 1205026

Ion Ratio Lower Upper

105 100

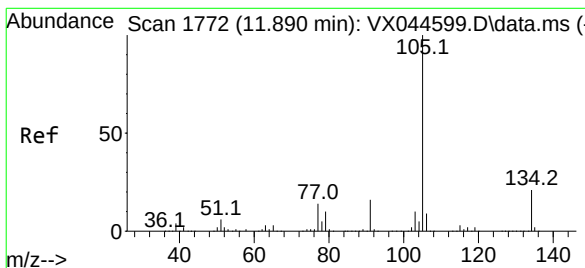
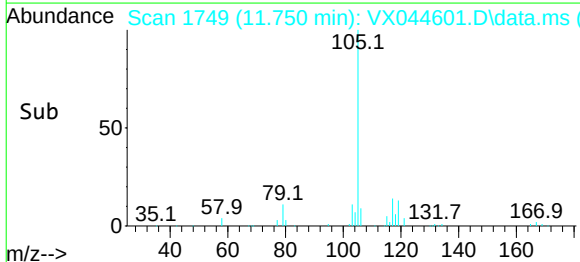
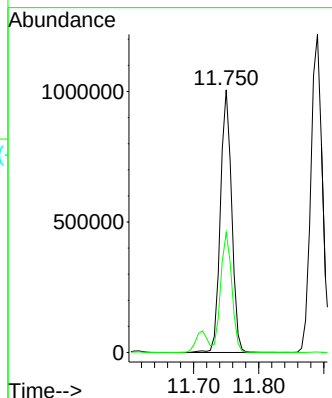
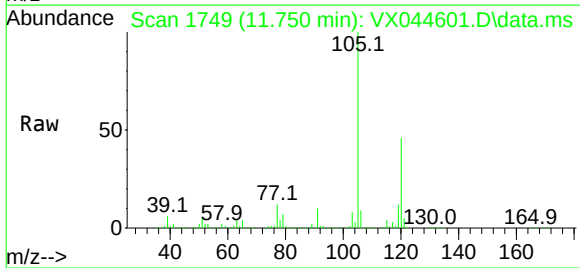
120 45.5 21.9 65.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#85

sec-Butylbenzene

Concen: 148.531 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044601.D

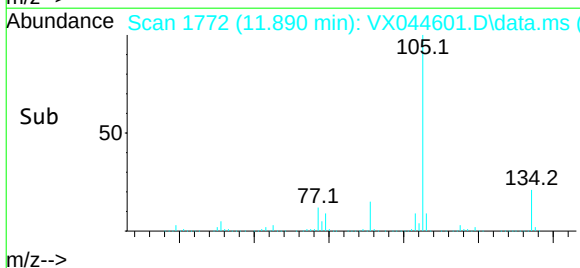
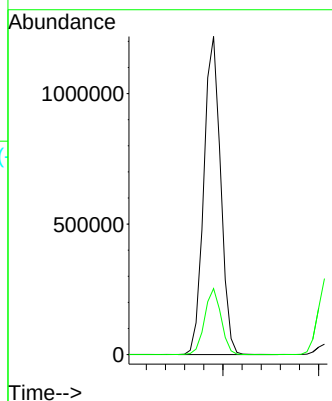
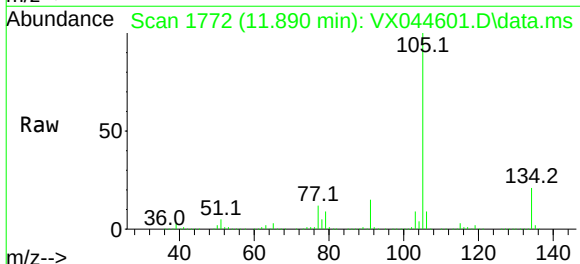
Acq: 07 Jan 2025 12:00

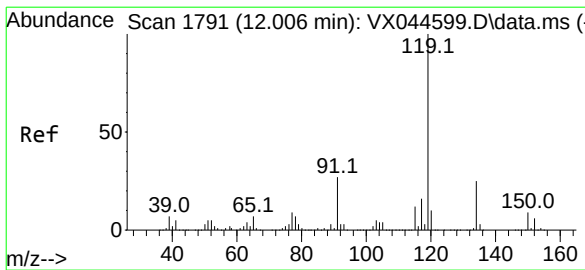
Tgt Ion:105 Resp: 1483948

Ion Ratio Lower Upper

105 100

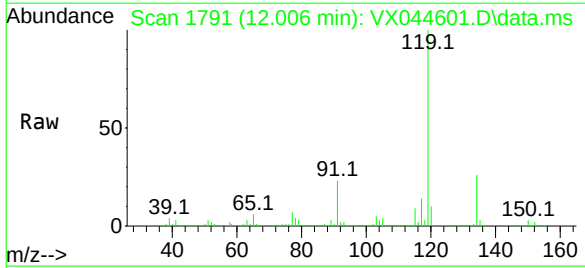
134 20.3 9.9 29.7





#86
p-Isopropyltoluene
Concen: 152.392 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

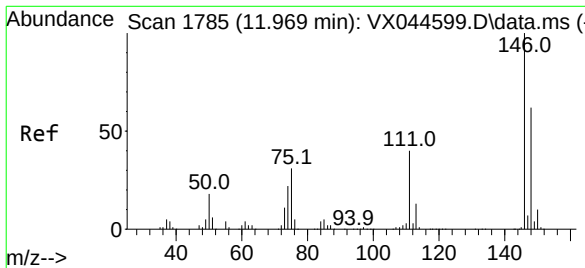
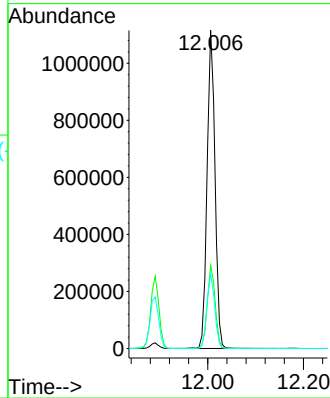
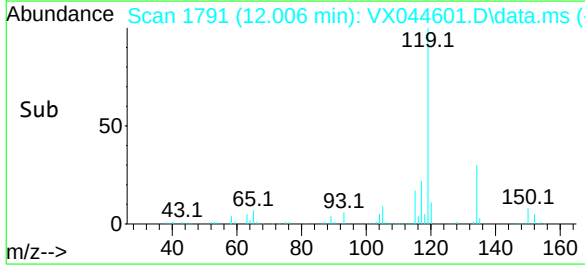
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



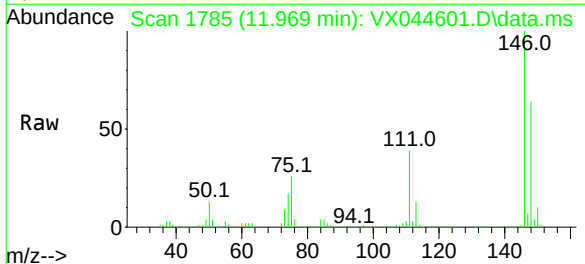
Tgt Ion:119 Resp: 1277498
Ion Ratio Lower Upper
119 100
134 26.1 12.6 37.8
91 23.4 13.1 39.1

Manual Integrations
APPROVED

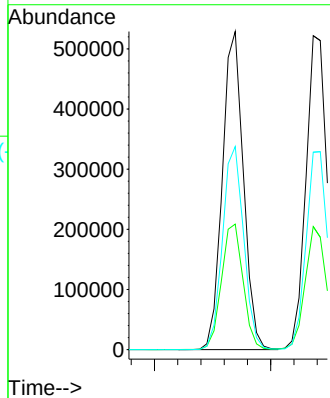
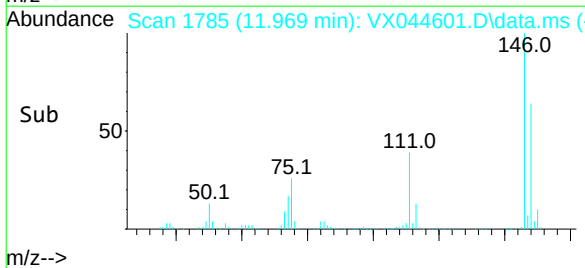
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

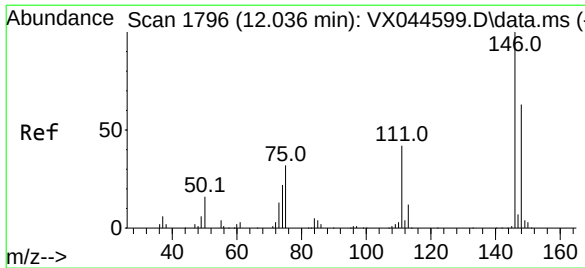


#87
1,3-Dichlorobenzene
Concen: 152.281 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00



Tgt Ion:146 Resp: 664944
Ion Ratio Lower Upper
146 100
111 40.4 21.0 63.0
148 64.3 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 145.590 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 662357

Ion Ratio Lower Upper

146 100

111 38.5 20.7 62.1

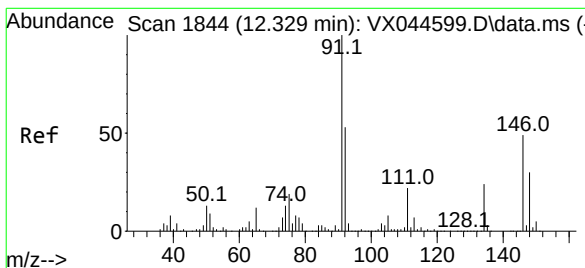
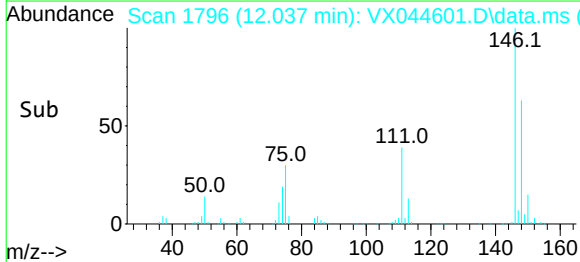
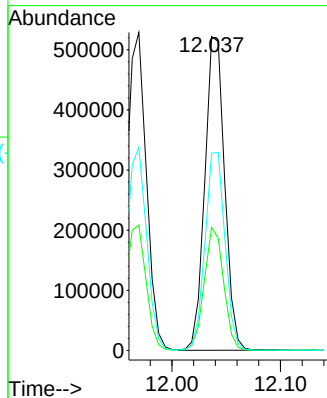
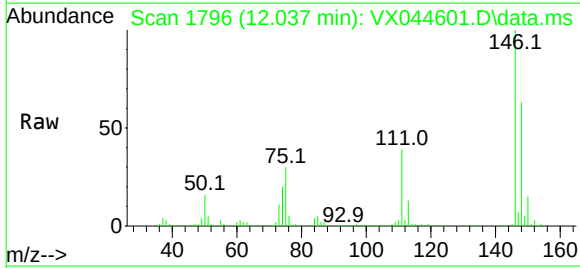
148 64.1 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#89

n-Butylbenzene

Concen: 154.101 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

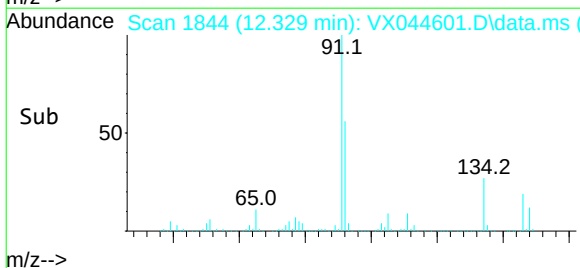
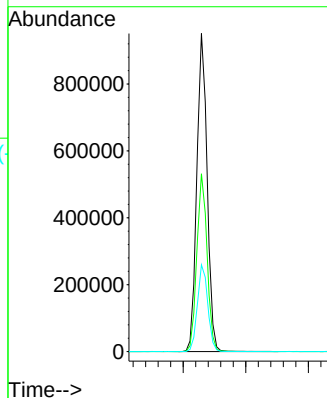
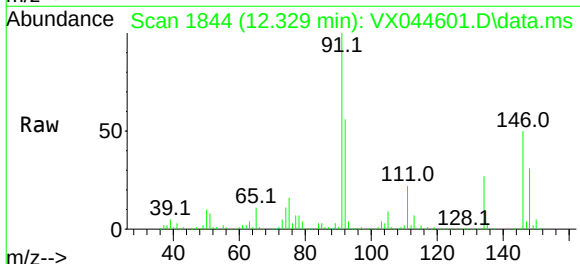
Tgt Ion: 91 Resp: 1090816

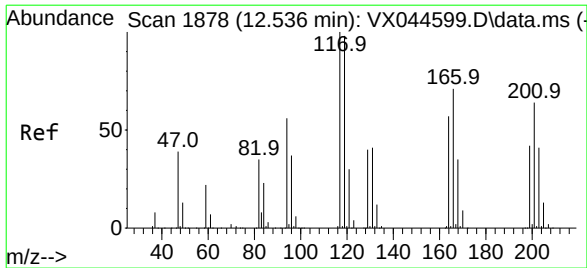
Ion Ratio Lower Upper

91 100

92 55.4 26.5 79.4

134 27.4 12.4 37.2





#90

Hexachloroethane

Concen: 167.017 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:117 Resp: 224919

Ion Ratio Lower Upper

117 100

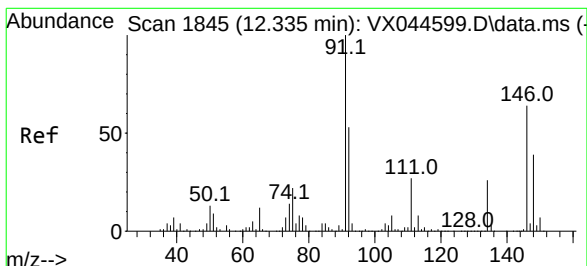
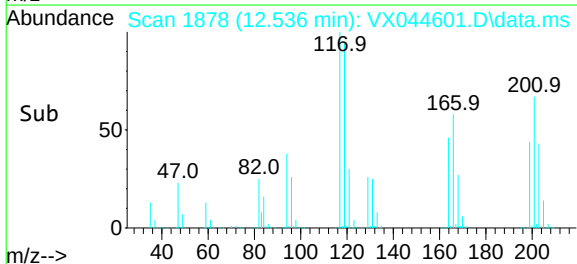
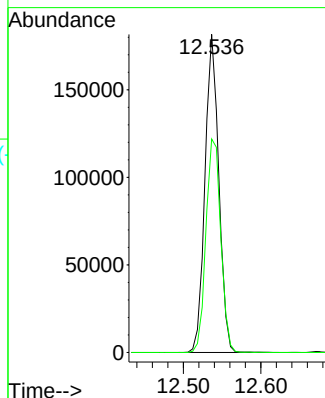
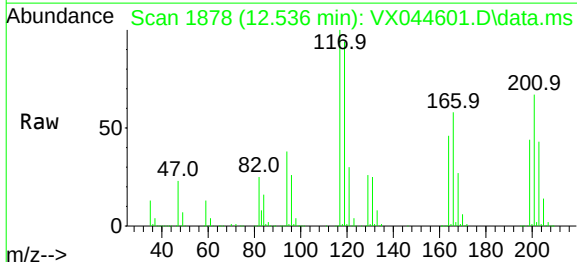
201 72.1 33.6 100.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#91

1,2-Dichlorobenzene

Concen: 148.671 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

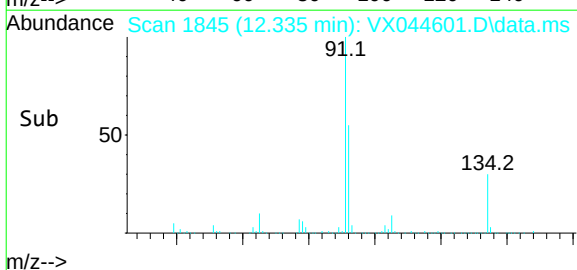
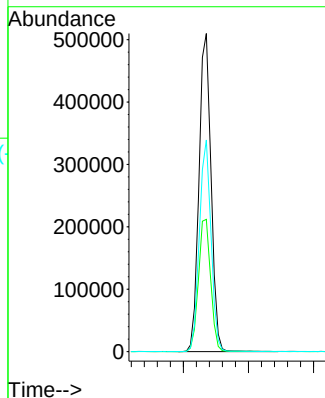
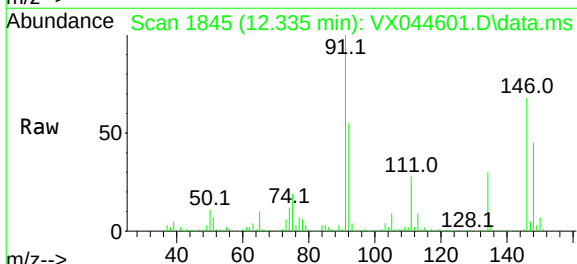
Tgt Ion:146 Resp: 656010

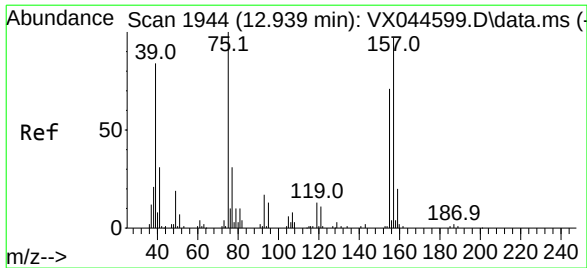
Ion Ratio Lower Upper

146 100

111 42.3 21.8 65.4

148 64.3 31.1 93.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 149.956 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 91050

Ion Ratio Lower Upper

75 100

155 94.2 37.4 112.1

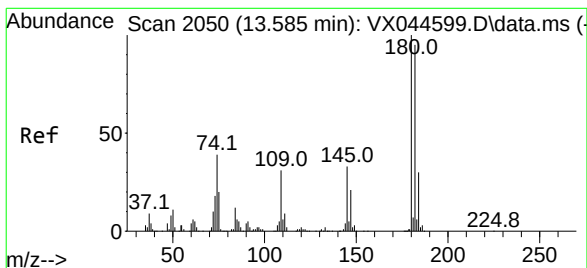
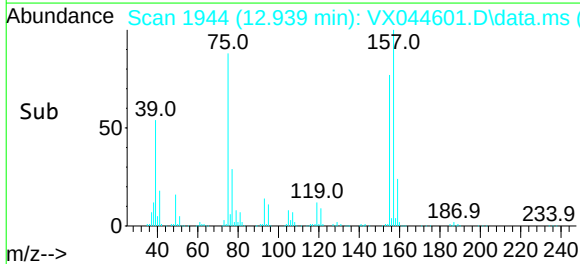
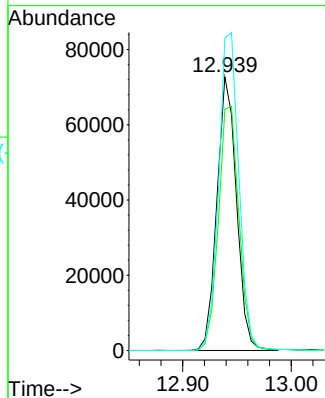
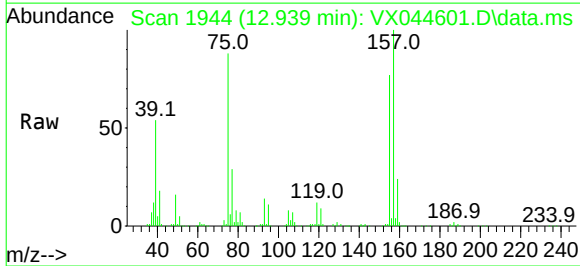
157 120.0 48.0 144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#93

1,2,4-Trichlorobenzene

Concen: 174.156 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

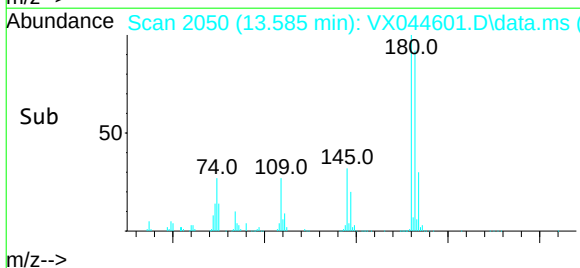
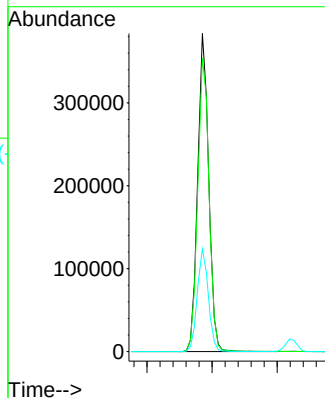
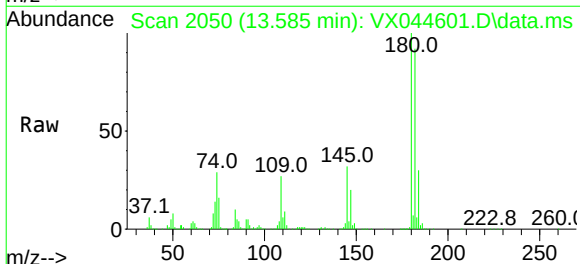
Tgt Ion:180 Resp: 451648

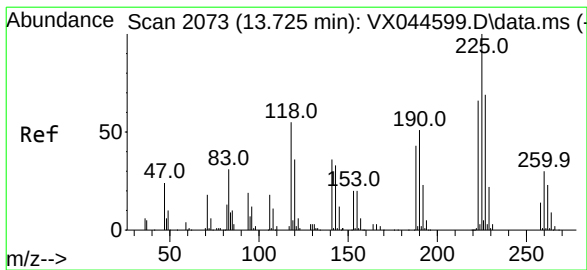
Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 32.4 16.3 48.9





#94

Hexachlorobutadiene

Concen: 163.433 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:225 Resp: 176486

Ion Ratio Lower Upper

225 100

223 65.1 31.6 94.8

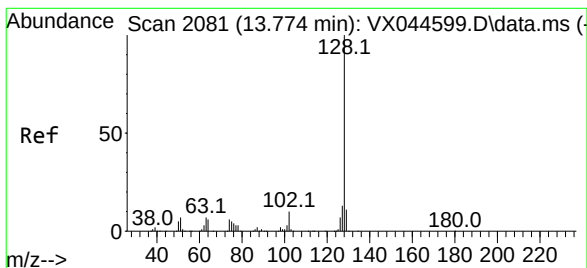
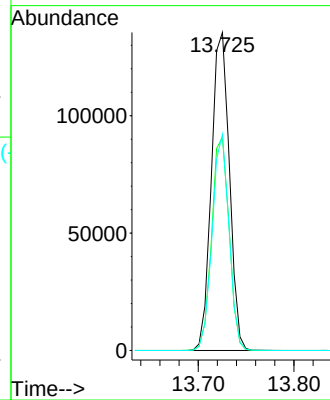
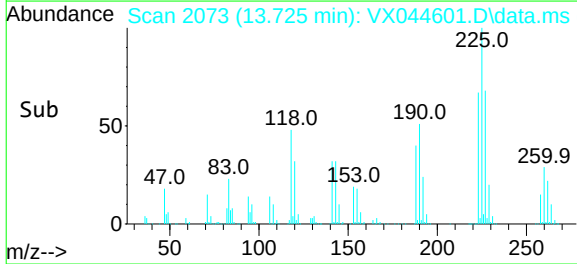
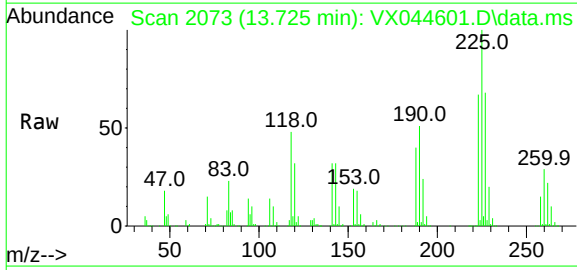
227 63.8 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#95

Naphthalene

Concen: 178.076 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044601.D

Acq: 07 Jan 2025 12:00

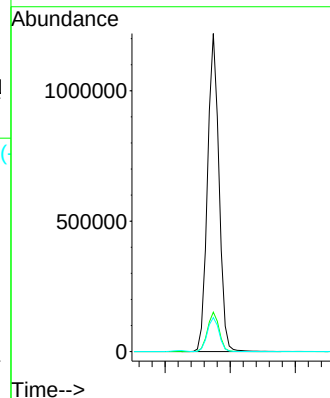
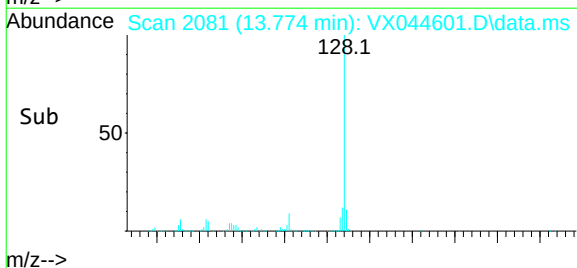
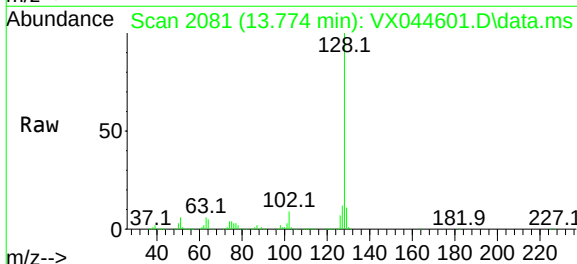
Tgt Ion:128 Resp: 1490078

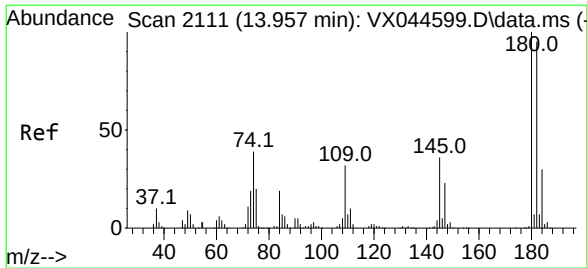
Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

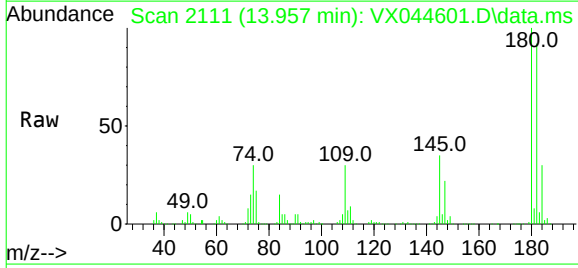
129 11.0 8.6 13.0





#96
1,2,3-Trichlorobenzene
Concen: 170.608 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044601.D
Acq: 07 Jan 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:180 Resp: 452293
Ion Ratio Lower Upper
180 100
182 93.9 47.6 142.9
145 33.9 17.6 52.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

