

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044751.D
 Acq On : 28 Jan 2025 17:53
 Operator : JC/MD
 Sample : Q1162-03MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E2947MS

Quant Time: Jan 29 07:41:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/29/2025
 Supervised By : Mahesh Dadoda 01/30/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	282935	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	242602	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	103236	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	112385	52.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.540%			
7) Chloroethane-d5	1.642	69	40451	49.996	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.000%			
11) 1,1-Dichloroethene-d2	2.294	65	50489	55.460	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.920%			
21) 2-Butanone-d5	4.458	46	120528	132.378	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 132.380%#			
24) Chloroform-d	5.050	84	206697	55.230	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.460%			
26) 1,2-Dichloroethane-d4	5.952	65	123063	54.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.560%			
32) Benzene-d6	5.964	84	430404	56.739	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.480%			
36) 1,2-Dichloropropane-d6	7.306	67	133758	55.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.420%			
41) Toluene-d8	8.647	98	373846	55.684	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.360%			
43) trans-1,3-Dichloroprop...	8.945	79	62386	54.777	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.560%			
47) 2-Hexanone-d5	9.384	63	81005	113.997	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.000%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	167994	56.305	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.620%			
66) 1,2-Dichlorobenzene-d4	12.317	152	113486	56.182	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	113993	56.335	ug/L	100
3) Chloromethane	1.307	50	126781	50.816	ug/L	99
5) Vinyl chloride	1.374	62	121835	53.175	ug/L	99
6) Bromomethane	1.593	94	32770	52.843	ug/L	96
8) Chloroethane	1.666	64	53474	58.452	ug/L	98
9) Trichlorofluoromethane	1.874	101	155787	60.983	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	105694	56.242	ug/L	98
12) 1,1-Dichloroethene	2.306	96	100070m	57.065	ug/L	
13) Acetone	2.386	43	107856	118.795	ug/L	99
14) Carbon disulfide	2.502	76	288126	53.654	ug/L	100
15) Methyl Acetate	2.703	43	123800	58.925	ug/L	99
16) Methylene chloride	2.782	84	113310	56.495	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	103241	56.280	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	361718	57.193	ug/L	99
19) 1,1-Dichloroethane	3.605	63	204698	57.070	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	123994	56.468	ug/L	99
22) 2-Butanone	4.562	43	167802	112.083	ug/L	99
23) Bromochloromethane	4.897	128	59263	54.723	ug/L	94
25) Chloroform	5.086	83	202485	55.641	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	151910	55.640	ug/L	99
29) Cyclohexane	5.464	56	204469	54.904	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	171691	55.937	ug/L	100
31) Carbon tetrachloride	5.672	117	144503	54.898	ug/L	99
33) Benzene	6.031	78	441123	55.174	ug/L	100
34) Trichloroethene	7.123	95	112187	55.140	ug/L	97
35) Methylcyclohexane	7.379	83	190123	54.622	ug/L	100
37) 1,2-Dichloropropane	7.427	63	121415	56.144	ug/L	99
38) Bromodichloromethane	7.818	83	153696	56.628	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	193425	55.092	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	337363	118.008	ug/L	97
42) Toluene	8.714	91	461748	56.292	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	173900	55.328	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	113761	56.358	ug/L	99
46) Tetrachloroethene	9.269	164	79103	54.750	ug/L	97
48) 2-Hexanone	9.427	43	224305	109.499	ug/L	96
49) Dibromochloromethane	9.519	129	111831	54.934	ug/L	99
50) 1,2-Dibromoethane	9.604	107	116638	55.132	ug/L	98
51) Chlorobenzene	10.079	112	281964	55.063	ug/L	95
52) Ethylbenzene	10.189	91	496751	55.403	ug/L	100
53) m,p-Xylene	10.299	106	186029	55.265	ug/L	97
54) o-Xylene	10.640	106	184721	55.673	ug/L	98
55) Styrene	10.652	104	302743	55.285	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	172749	55.158	ug/L	99
59) Bromoform	10.799	173	76492	56.012	ug/L	100
60) Isopropylbenzene	10.957	105	476381	57.457	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	130235	57.140	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	388868	57.172	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	381518	56.632	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	187529	55.021	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	186621	55.007	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	189034	55.940	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	34535	55.608	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	119408	53.465	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	111100	55.178	ug/L	97
71) Naphthalene	13.774	128	441378	56.523	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	112458	55.080	ug/L	99

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

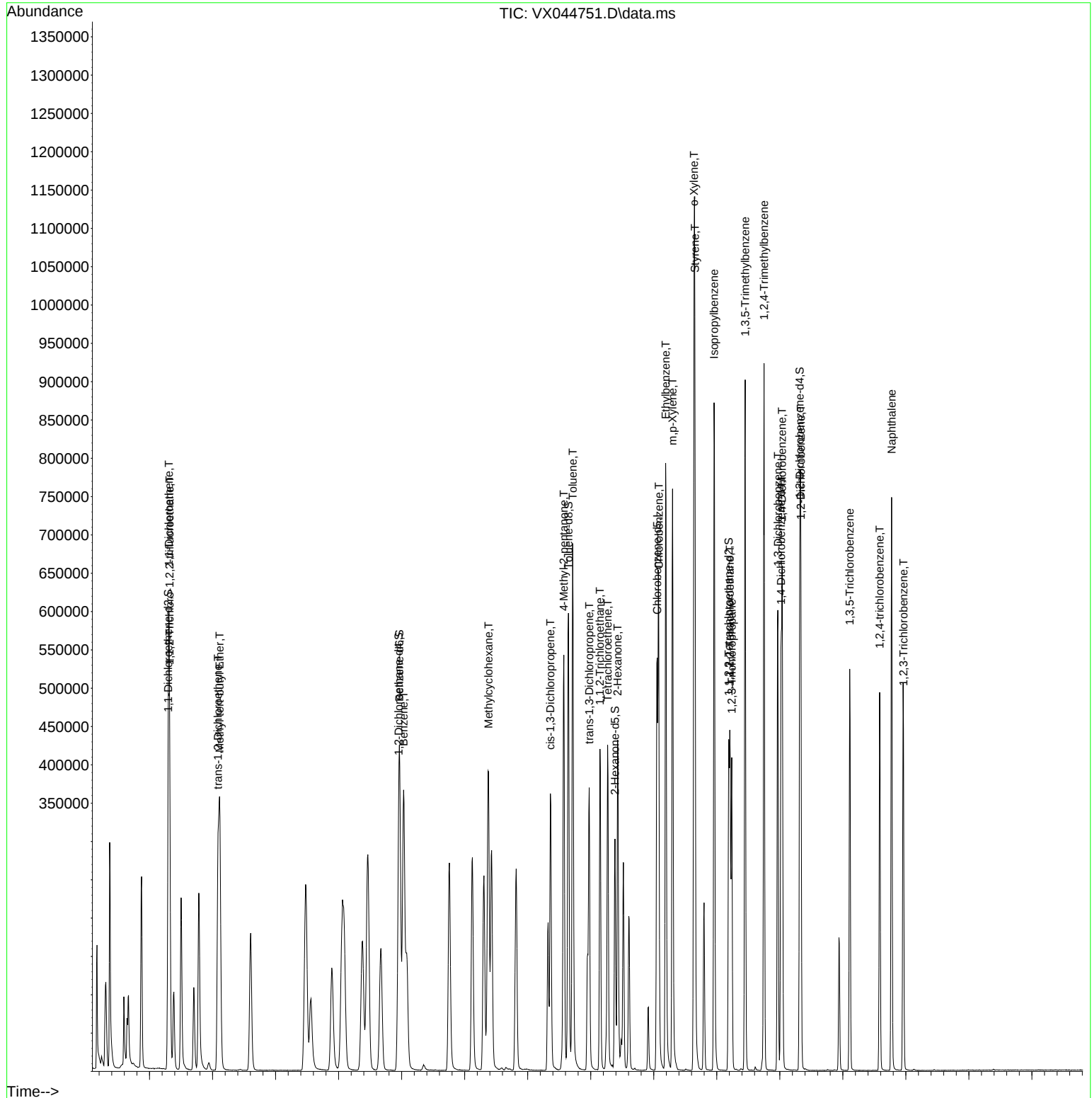
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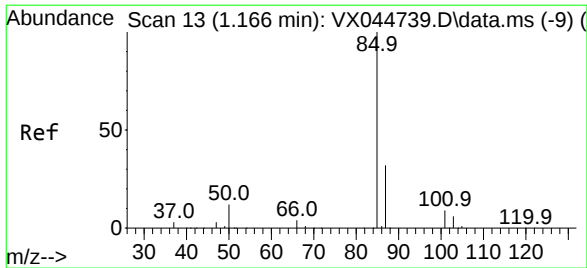
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MSVOA_X
ClientSampleId :
E2947MS

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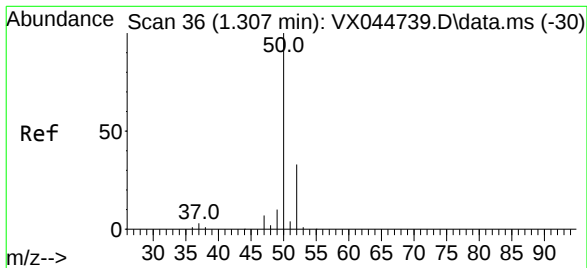
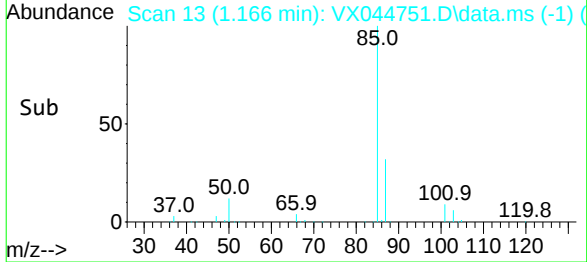
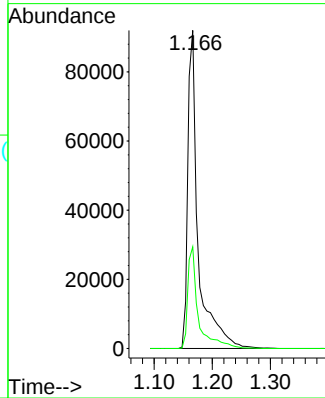
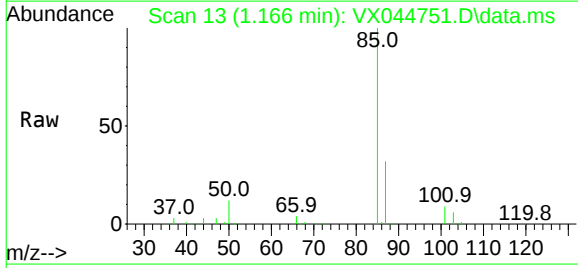
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Dichlorodifluoromethane
Concen: 56.335 ug/L
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Tgt Ion: 85 Resp: 113993
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9

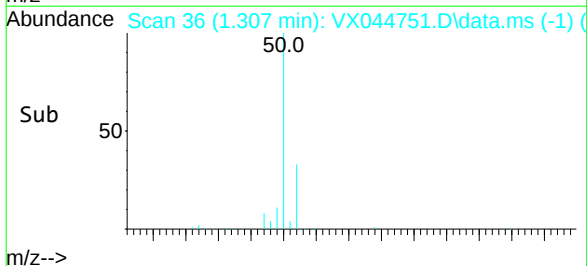
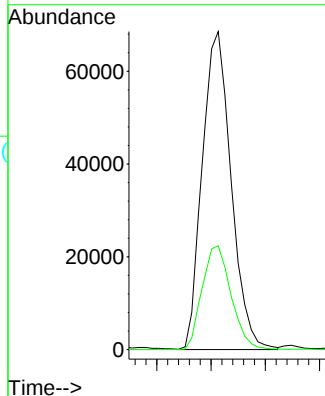
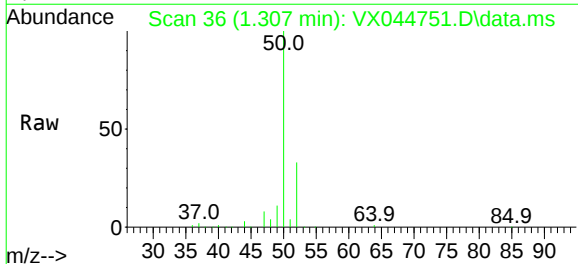
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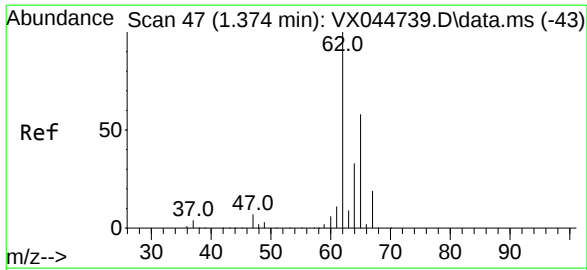
Reviewed By :John Carlone 01/29/2025
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#3
Chloromethane
Concen: 50.816 ug/L
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Tgt Ion: 50 Resp: 126781
Ion Ratio Lower Upper
50 100
52 32.6 23.3 43.3





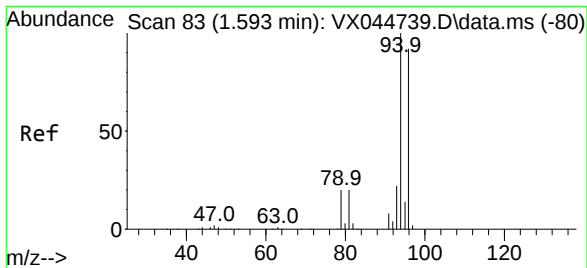
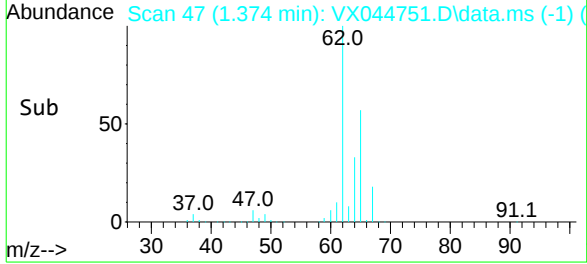
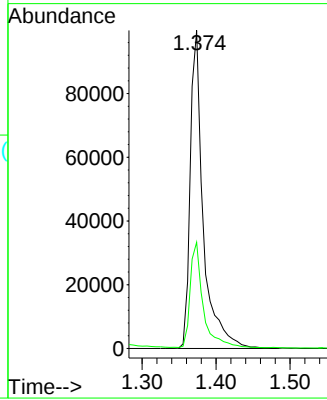
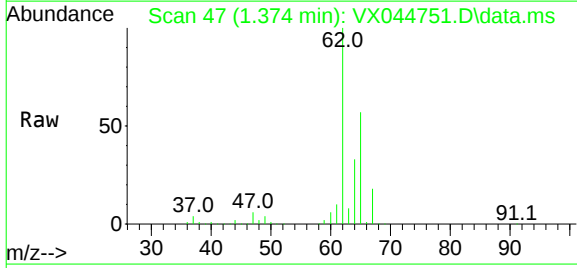
#5
 Vinyl chloride
 Concen: 53.175 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX044751.D
 Acq: 28 Jan 2025 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 E2947MS

Tgt Ion: 62 Resp: 121835
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.7 44.1

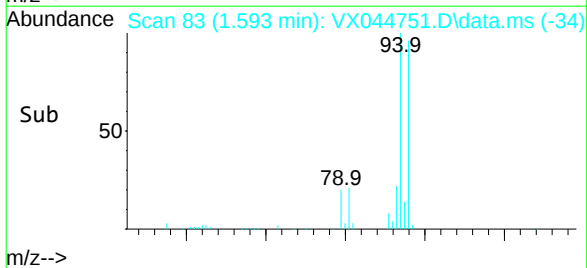
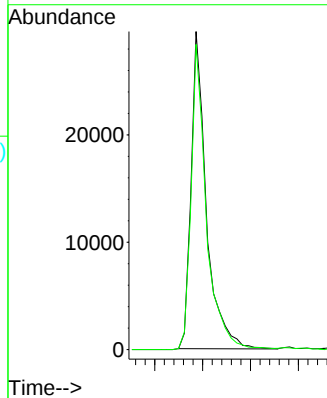
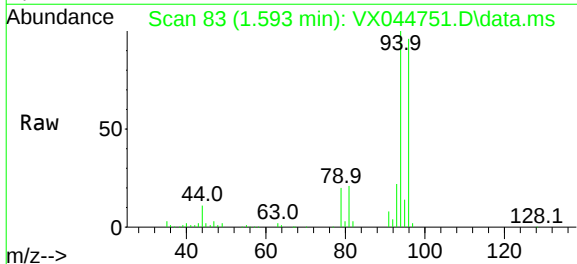
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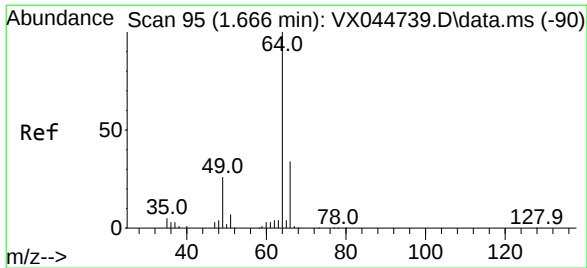
Reviewed By :John Carlone 01/29/2025
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#6
 Bromomethane
 Concen: 52.843 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044751.D
 Acq: 28 Jan 2025 17:53

Tgt Ion: 94 Resp: 32770
 Ion Ratio Lower Upper
 94 100
 96 96.0 64.3 119.3





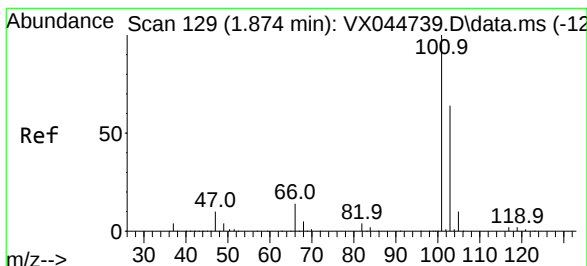
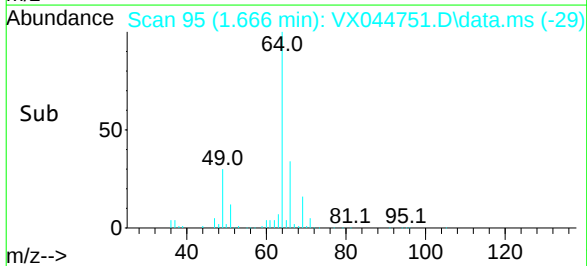
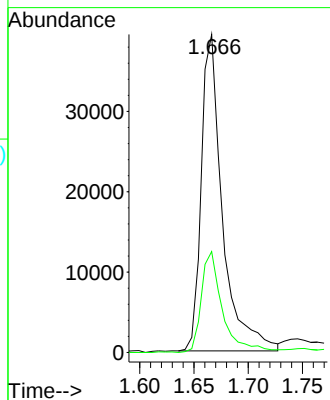
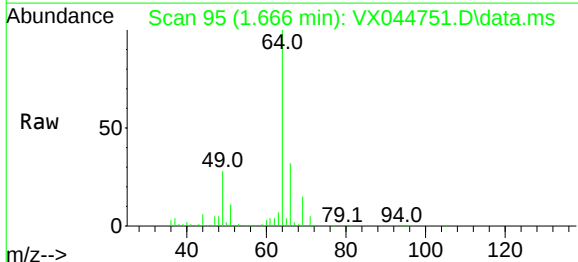
#8
Chloroethane
Concen: 58.452 ug/L
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Tgt Ion: 64 Resp: 53474
Ion Ratio Lower Upper
64 100
66 31.7 21.4 39.8

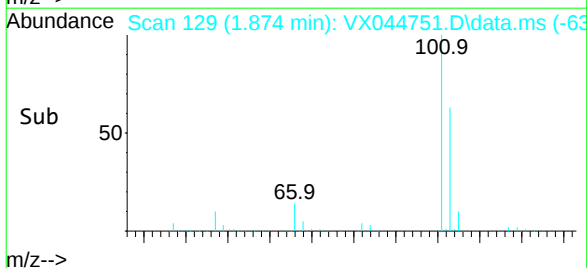
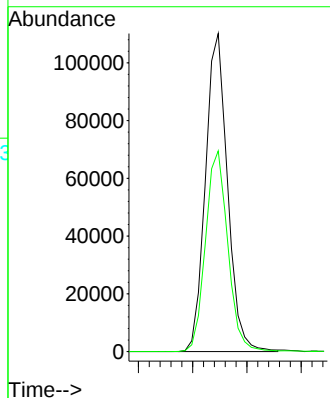
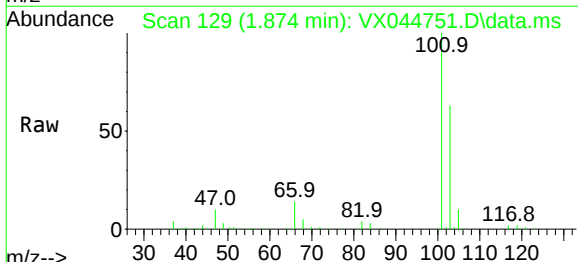
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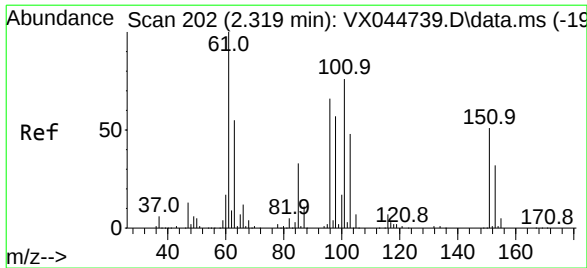
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#9
Trichlorofluoromethane
Concen: 60.983 ug/L
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

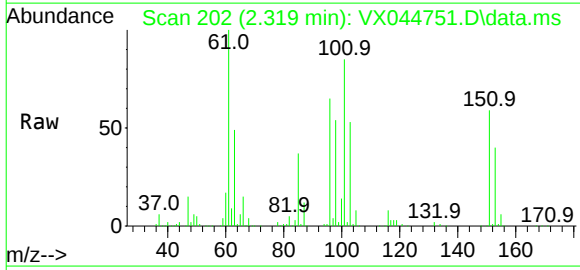
Tgt Ion:101 Resp: 155787
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 56.242 ug/L
RT: 2.319 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

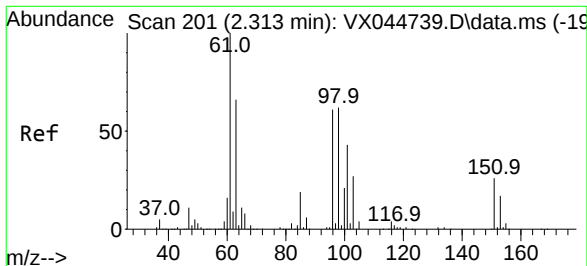
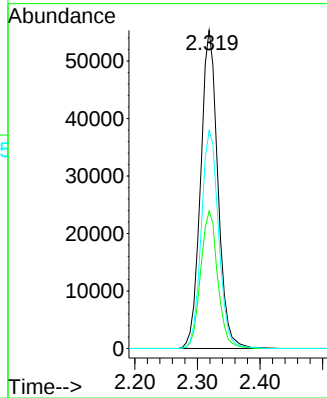
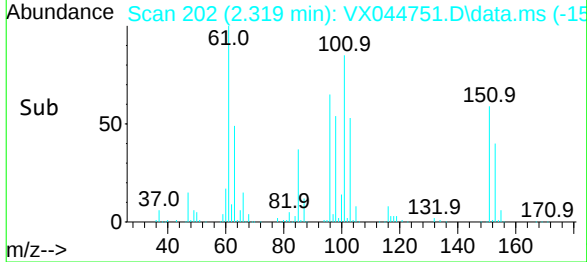
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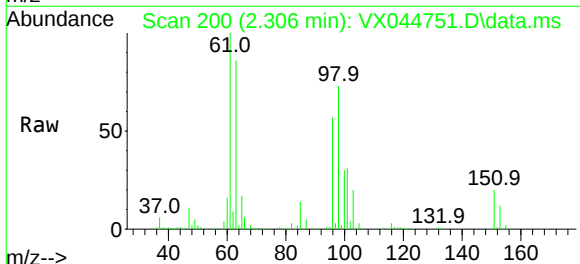
Tgt Ion: 101 Resp: 105694
Ion Ratio Lower Upper
101 100
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151 69.1 57.0 85.4

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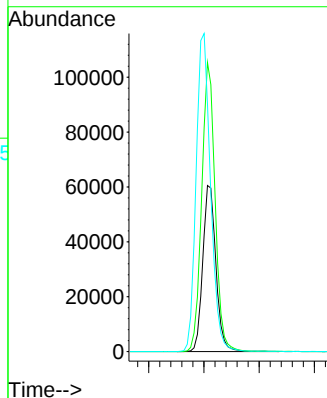
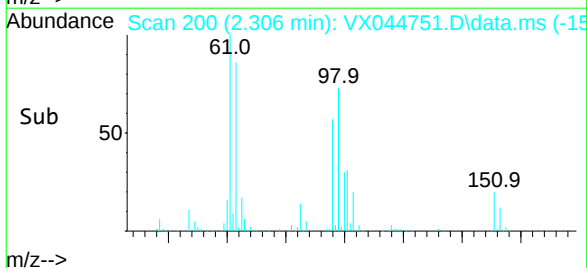
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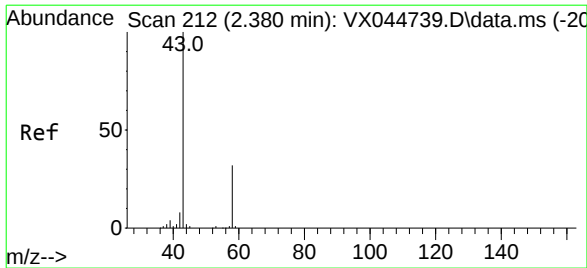


#12
1,1-Dichloroethene
Concen: 57.065 ug/L m
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53



Tgt Ion: 96 Resp: 100070
Ion Ratio Lower Upper
96 100
61 174.0 115.1 213.8
63 148.9 74.1 137.5#





#13

Acetone

Concen: 118.795 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044751.D

Acq: 28 Jan 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

E2947MS

Tgt Ion: 43 Resp: 107856

Ion Ratio Lower Upper

43 100

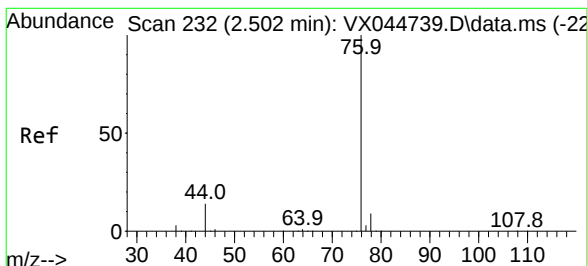
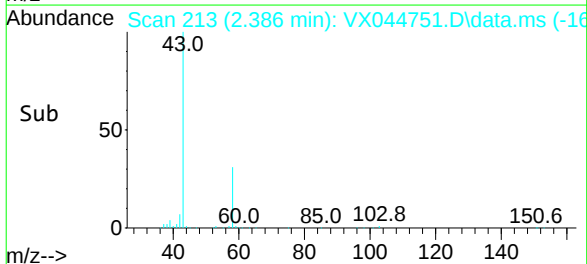
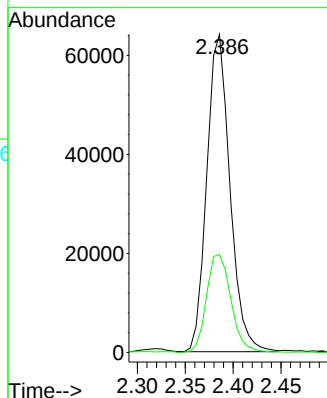
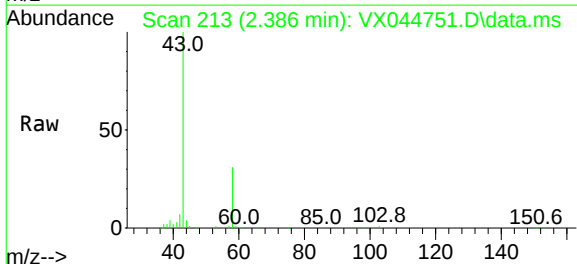
58 32.7 0.0 64.6

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#14

Carbon disulfide

Concen: 53.654 ug/L

RT: 2.502 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044751.D

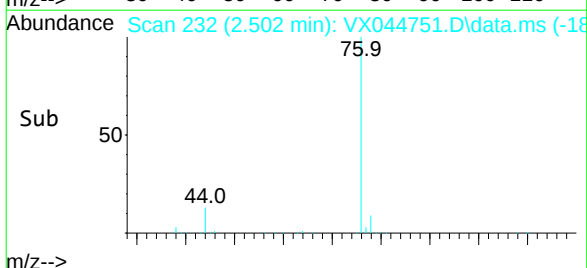
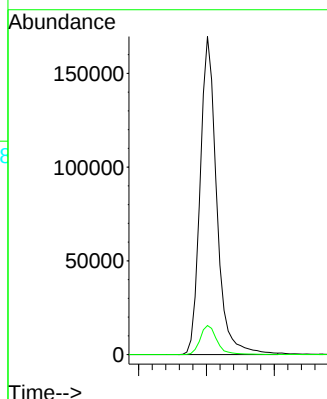
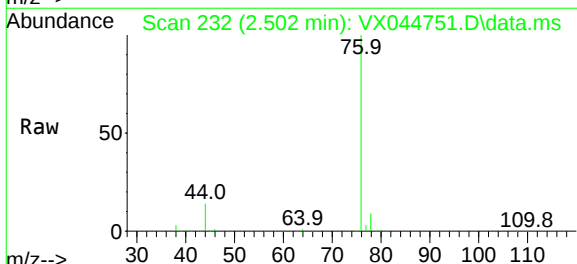
Acq: 28 Jan 2025 17:53

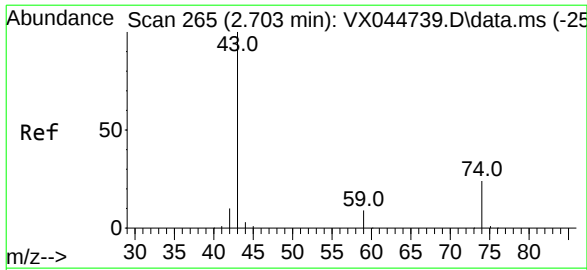
Tgt Ion: 76 Resp: 288126

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





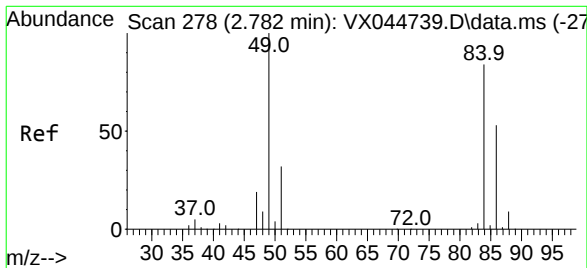
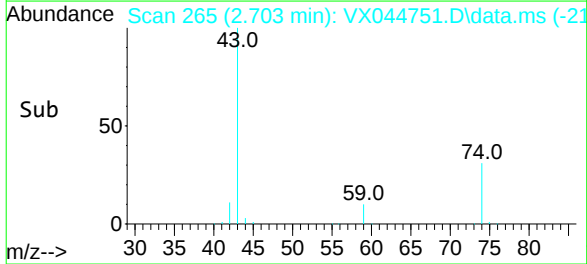
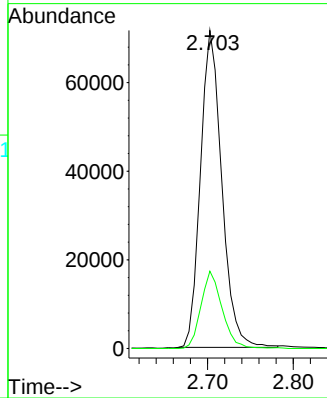
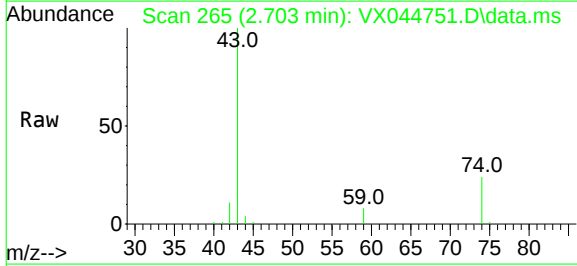
#15
Methyl Acetate
Concen: 58.925 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Tgt Ion: 43 Resp: 123800
Ion Ratio Lower Upper
43 100
74 24.1 19.7 29.5

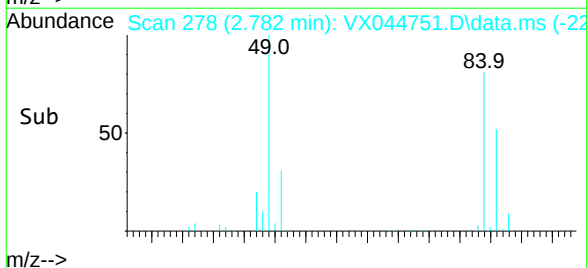
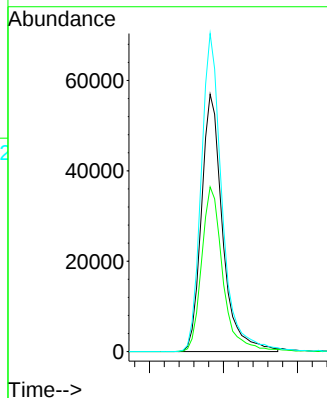
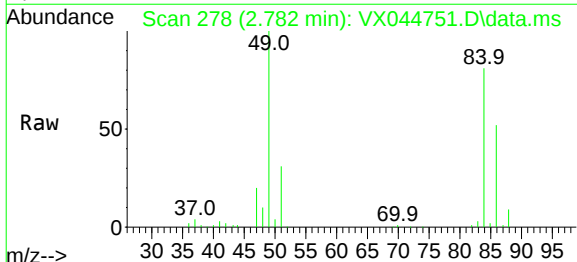
Manual Integrations
APPROVED

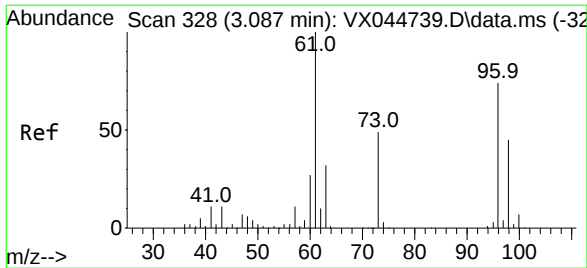
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#16
Methylene chloride
Concen: 56.495 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

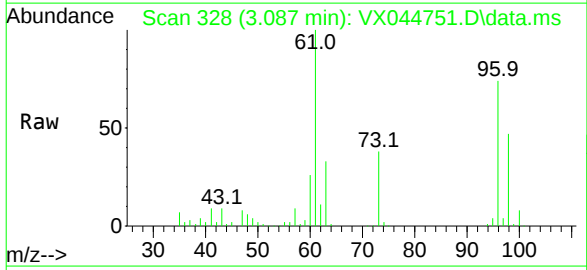
Tgt Ion: 84 Resp: 113310
Ion Ratio Lower Upper
84 100
86 64.0 45.6 84.8
49 123.6 84.6 157.0





#17
trans-1,2-Dichloroethene
Concen: 56.280 ug/L
RT: 3.087 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

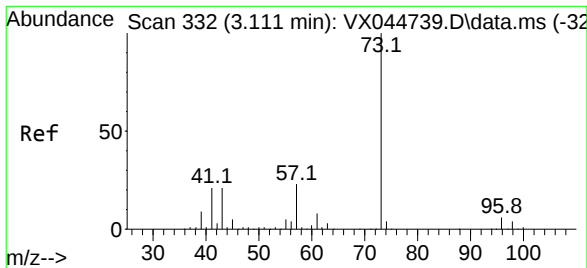
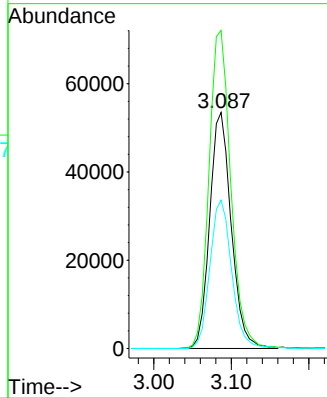
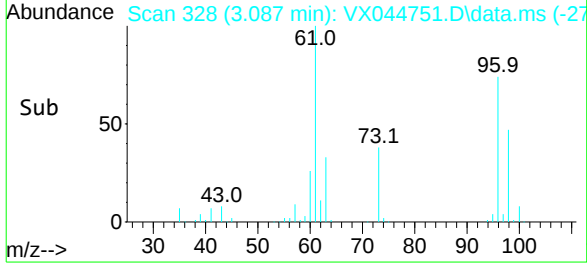
Instrument :
MSVOA_X
ClientSampleId :
E2947MS



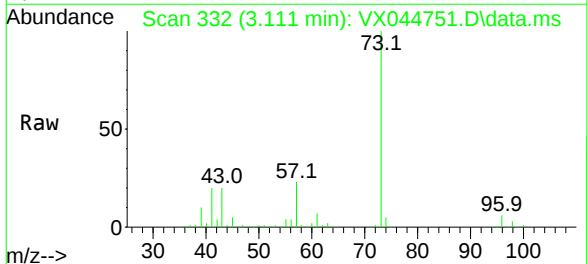
Tgt Ion: 96 Resp: 103241
Ion Ratio Lower Upper
96 100
61 134.7 98.3 182.7
98 62.8 44.1 81.9

Manual Integrations
APPROVED

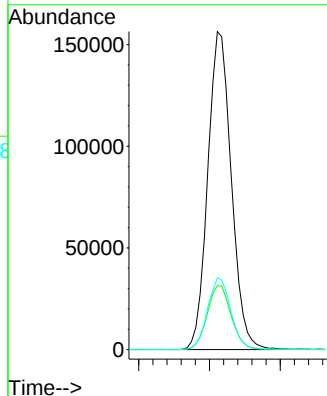
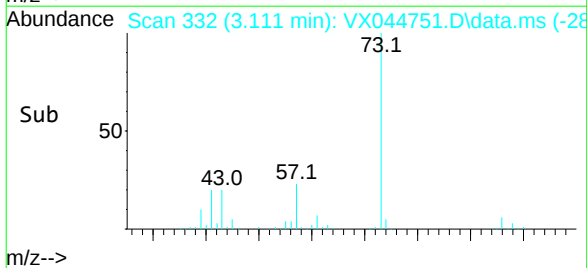
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025

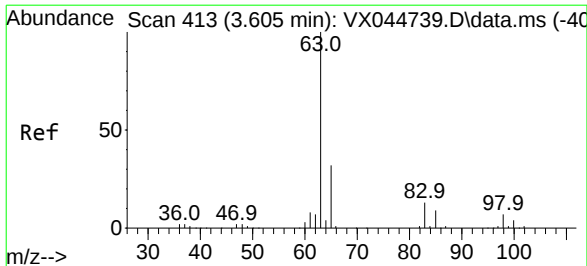


#18
Methyl tert-butyl Ether
Concen: 57.193 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53



Tgt Ion: 73 Resp: 361718
Ion Ratio Lower Upper
73 100
43 20.4 16.9 25.3
57 22.3 17.4 26.0





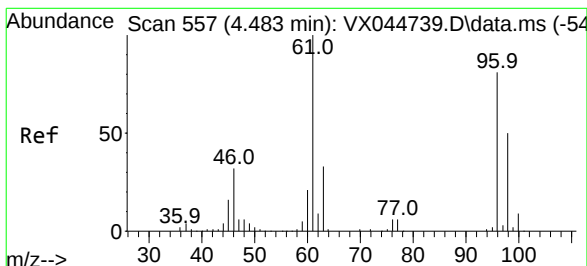
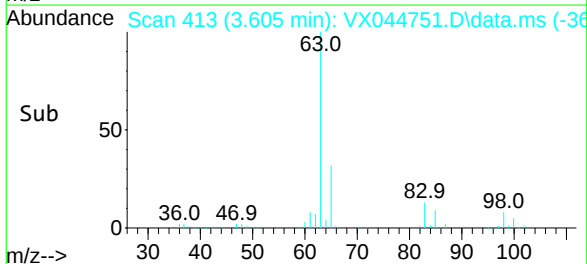
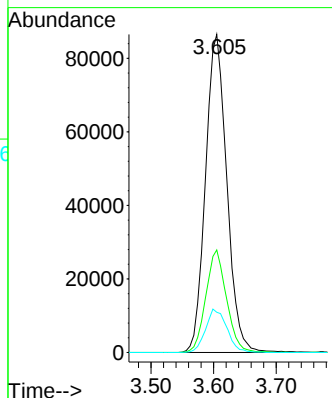
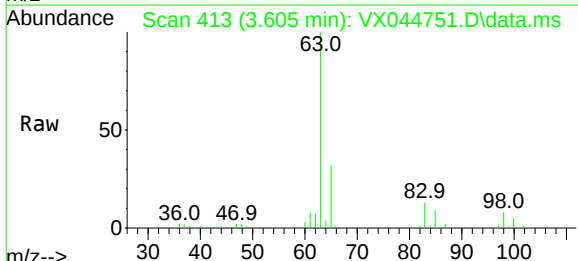
#19
1,1-Dichloroethane
Concen: 57.070 ug/L
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Tgt Ion:	63	Resp:	204698
Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.8	40.6
83	12.6	9.4	17.4

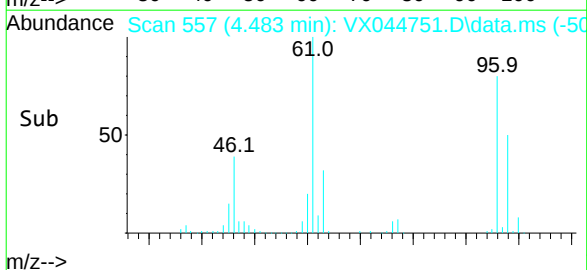
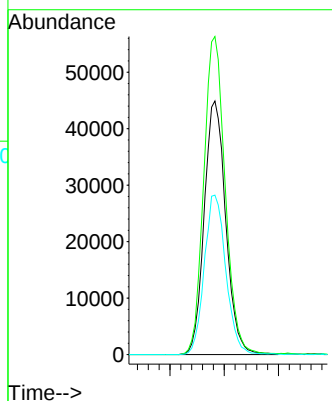
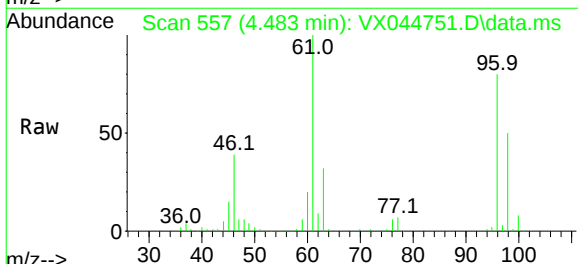
Manual Integrations
APPROVED

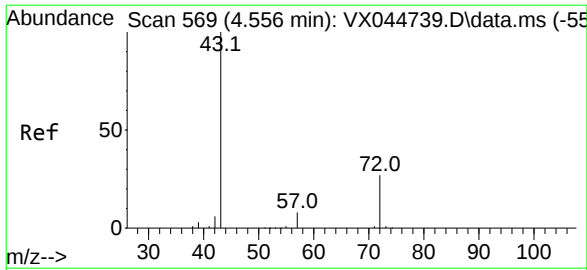
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#20
cis-1,2-Dichloroethene
Concen: 56.468 ug/L
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

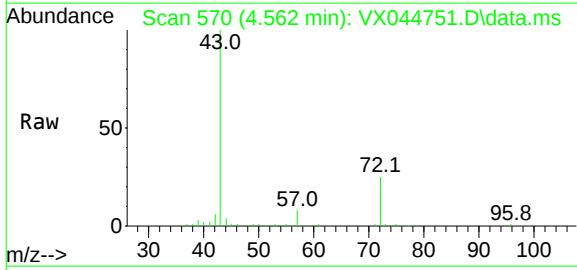
Tgt Ion:	96	Resp:	123994
Ion	Ratio	Lower	Upper
96	100		
61	125.4	88.3	163.9
98	62.9	44.6	82.8





#22
2-Butanone
Concen: 112.083 ug/L
RT: 4.562 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

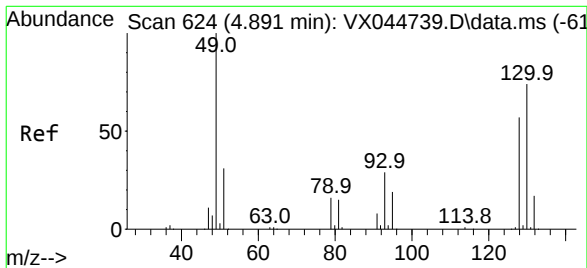
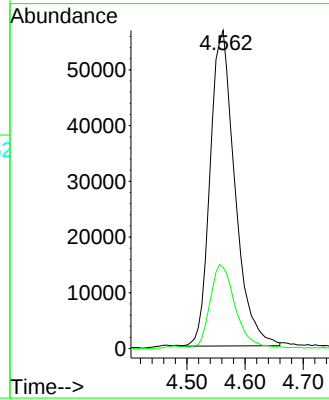
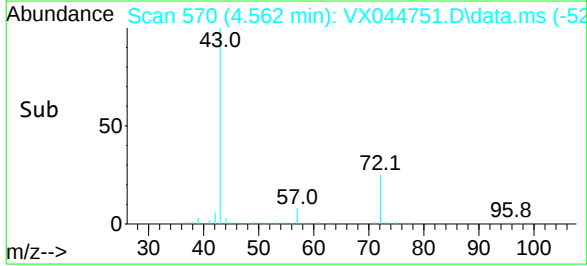
Instrument :
MSVOA_X
ClientSampleId :
E2947MS



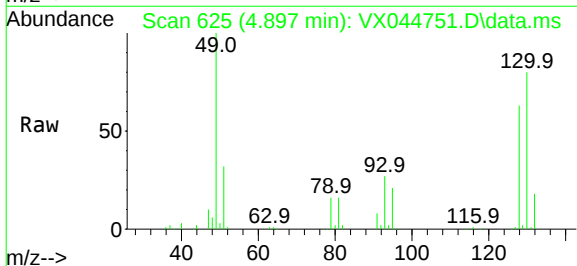
Tgt Ion: 43 Resp: 167802
Ion Ratio Lower Upper
43 100
72 26.1 13.4 40.2

Manual Integrations
APPROVED

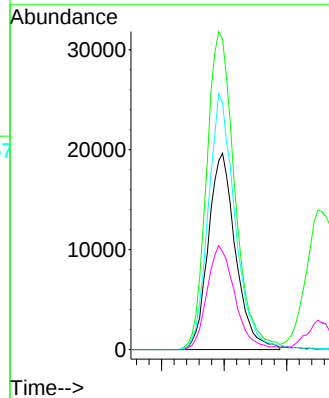
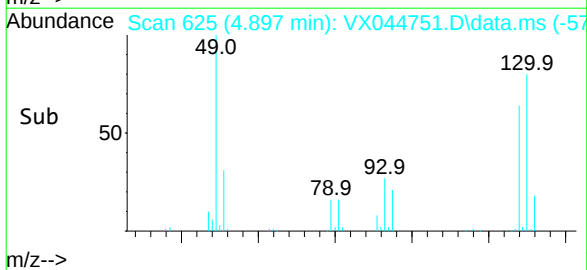
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025

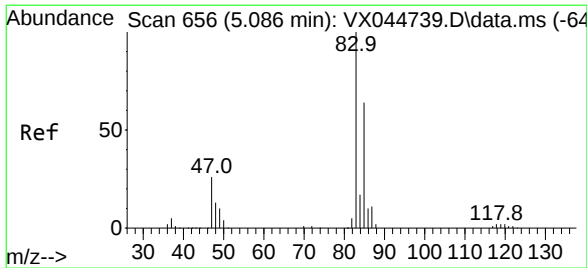


#23
Bromochloromethane
Concen: 54.723 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53



Tgt Ion:128 Resp: 59263
Ion Ratio Lower Upper
128 100
49 158.0 117.6 218.4
130 125.6 92.0 170.9
51 49.9 44.2 66.4





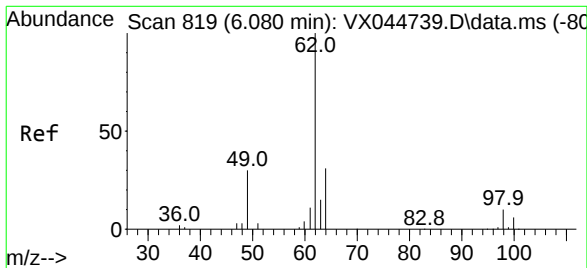
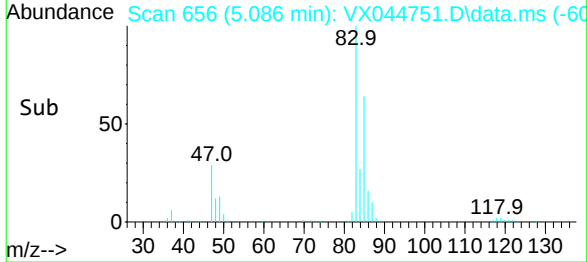
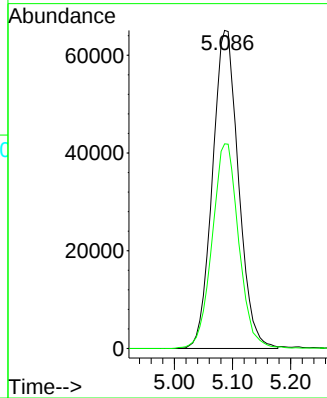
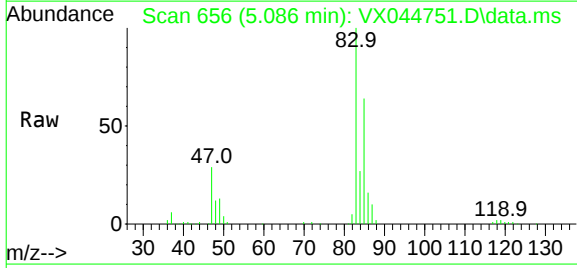
#25
Chloroform
Concen: 55.641 ug/L
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Tgt Ion: 83 Resp: 202485
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2

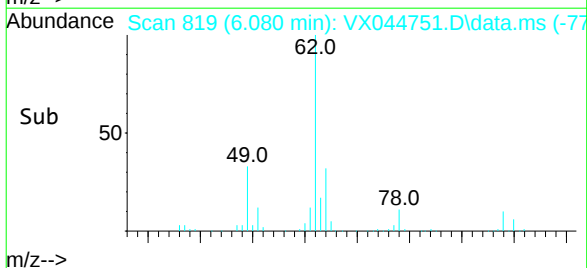
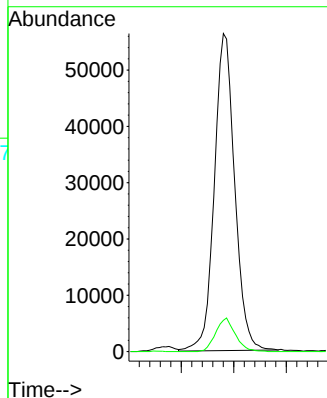
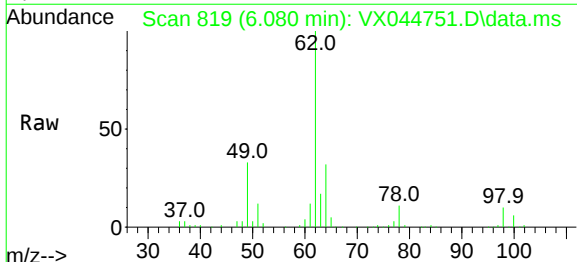
Manual Integrations
APPROVED

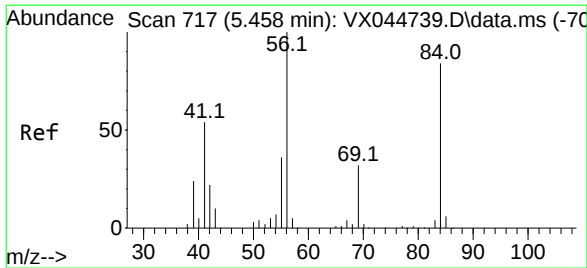
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#27
1,2-Dichloroethane
Concen: 55.640 ug/L
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Tgt Ion: 62 Resp: 151910
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.2





#29

Cyclohexane

Concen: 54.904 ug/L

RT: 5.464 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX044751.D

Acq: 28 Jan 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

E2947MS

Tgt Ion: 56 Resp: 204469

Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.2

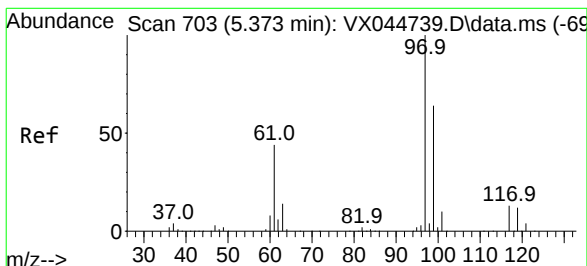
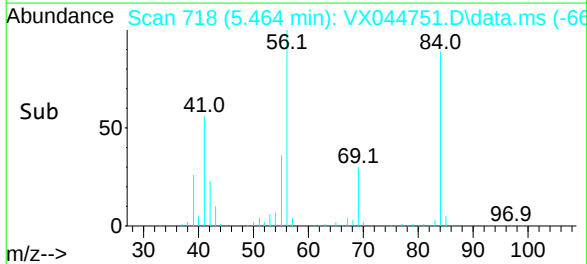
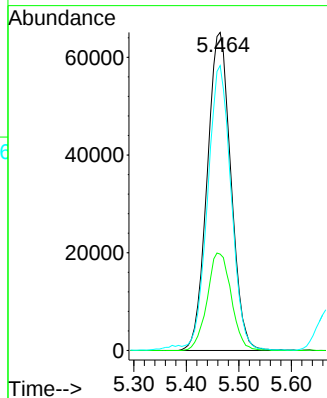
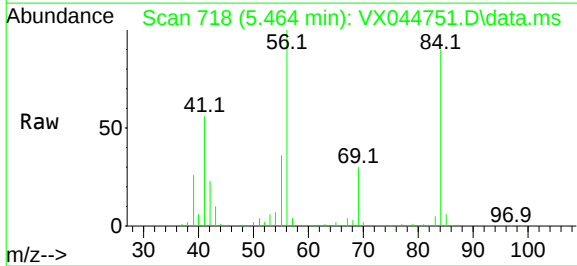
84 88.1 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Mahesh Dadoda 01/30/2025



#30

1,1,1-Trichloroethane

Concen: 55.937 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX044751.D

Acq: 28 Jan 2025 17:53

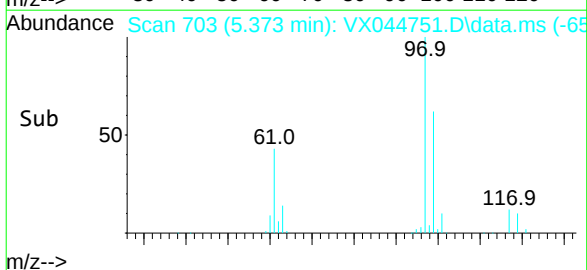
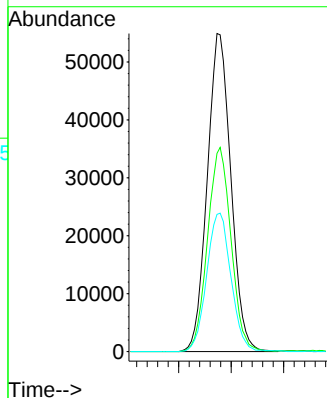
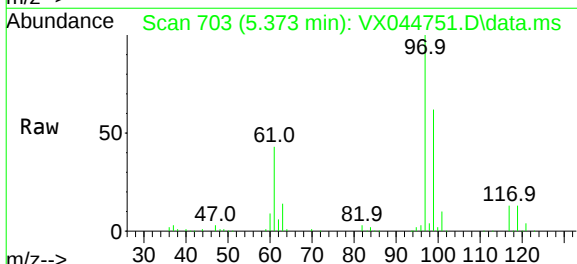
Tgt Ion: 97 Resp: 171691

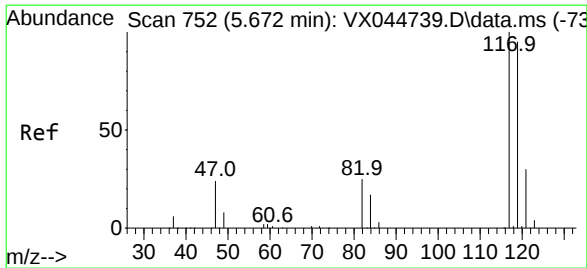
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 44.6 35.8 53.6





#31

Carbon tetrachloride

Concen: 54.898 ug/L

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX044751.D

Acq: 28 Jan 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

E2947MS

Tgt Ion:117 Resp: 144503

Ion Ratio Lower Upper

117 100

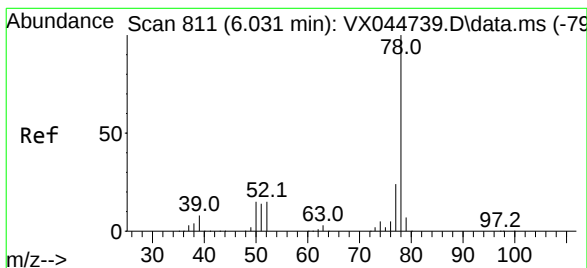
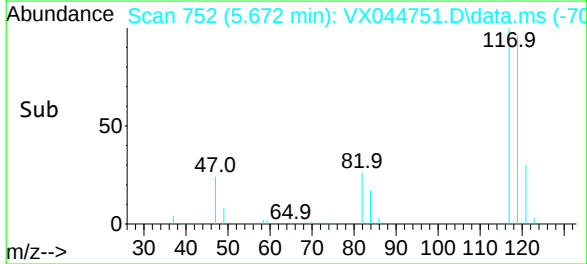
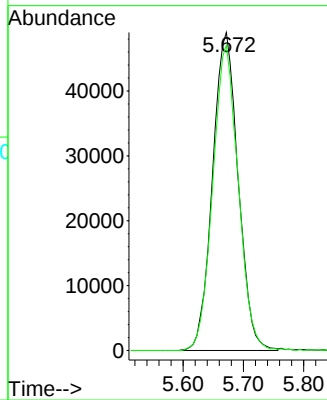
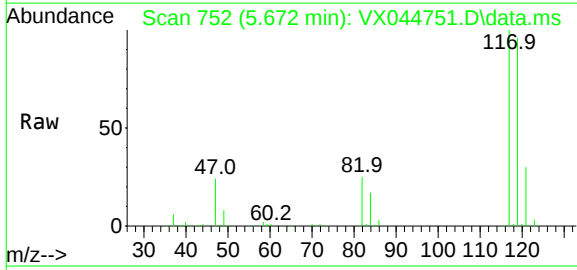
119 95.6 77.1 115.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Mahesh Dadoda 01/30/2025



#33

Benzene

Concen: 55.174 ug/L

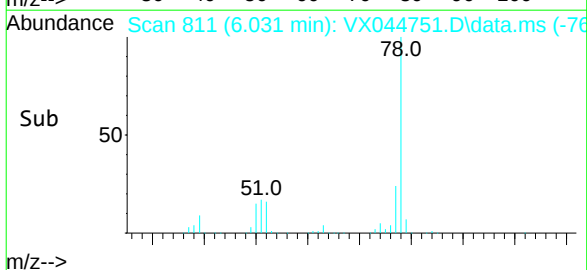
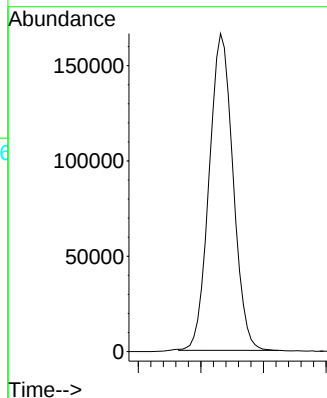
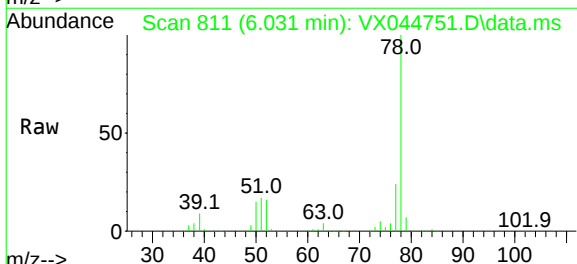
RT: 6.031 min Scan# 811

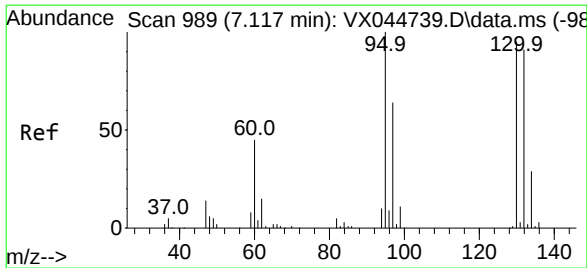
Delta R.T. -0.000 min

Lab File: VX044751.D

Acq: 28 Jan 2025 17:53

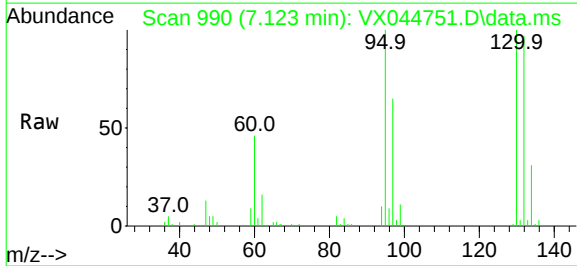
Tgt Ion: 78 Resp: 441123





#34
Trichloroethene
Concen: 55.140 ug/L
RT: 7.123 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

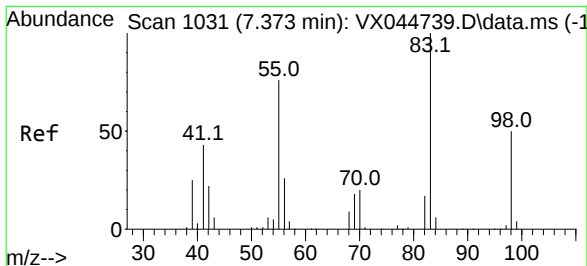
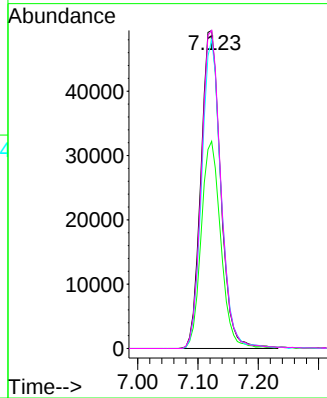
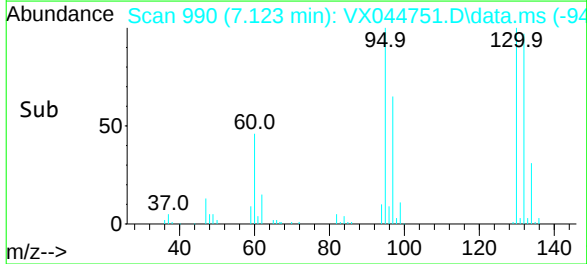
Instrument :
MSVOA_X
ClientSampleId :
E2947MS



Tgt Ion: 95 Resp: 112187
Ion Ratio Lower Upper
95 100
97 65.2 46.1 85.5
132 97.2 64.5 119.9
130 100.0 68.8 127.8

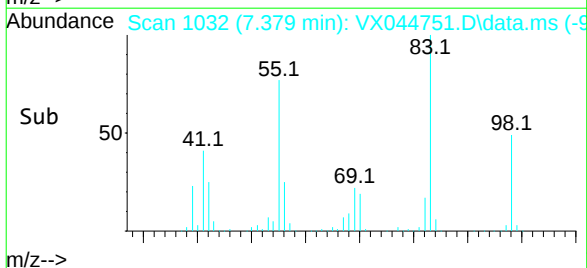
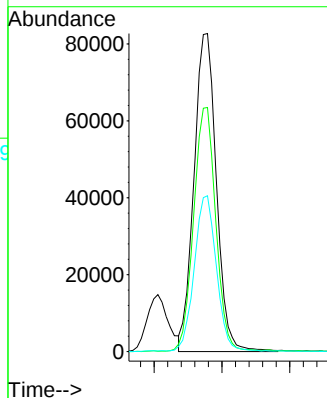
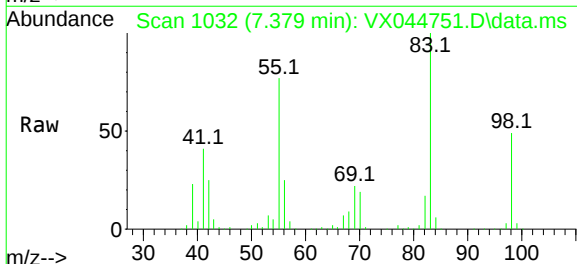
Manual Integrations
APPROVED

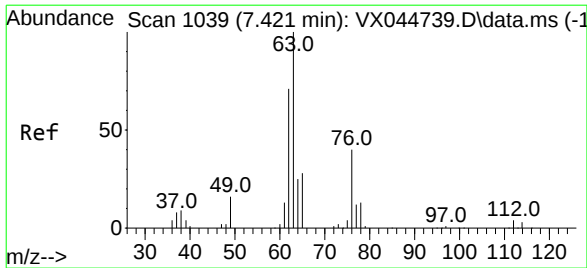
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#35
Methylcyclohexane
Concen: 54.622 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

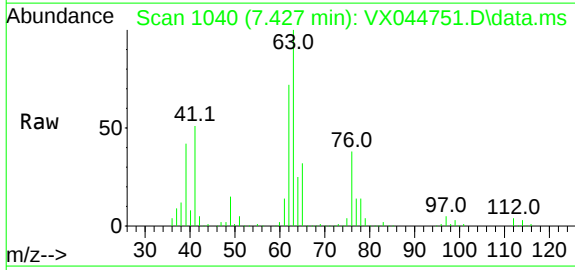
Tgt Ion: 83 Resp: 190123
Ion Ratio Lower Upper
83 100
55 75.9 60.6 90.8
98 48.4 38.9 58.3





#37
1,2-Dichloropropane
Concen: 56.144 ug/L
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

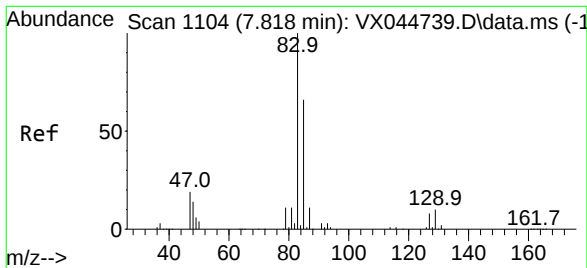
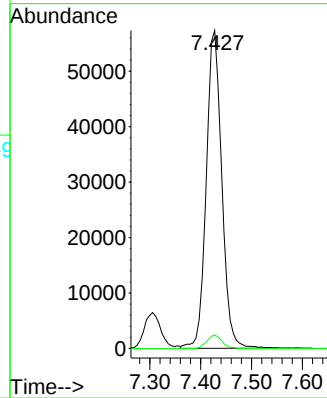
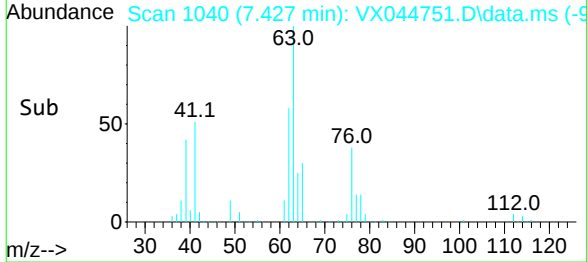
Instrument :
MSVOA_X
ClientSampleId :
E2947MS



Tgt Ion: 63 Resp: 121415
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3

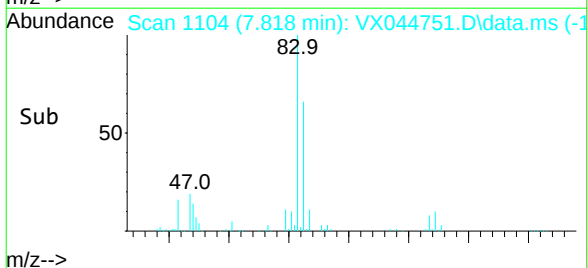
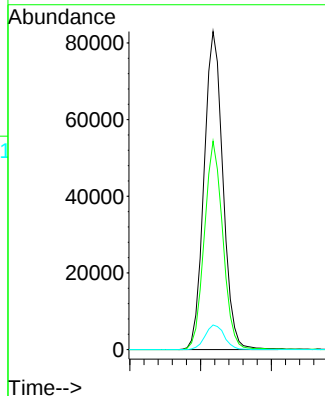
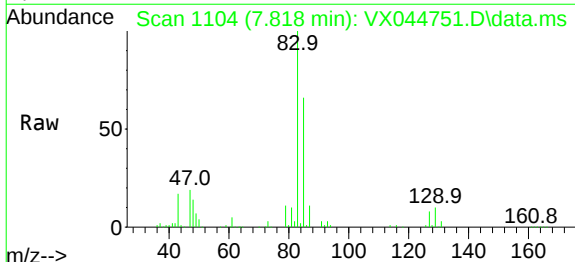
Manual Integrations
APPROVED

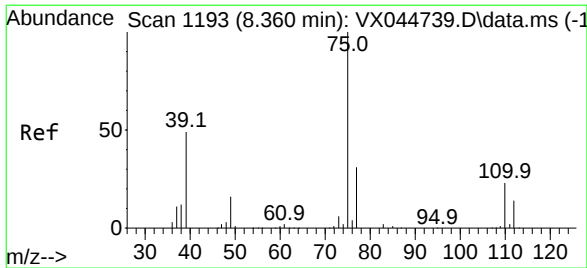
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#38
Bromodichloromethane
Concen: 56.628 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

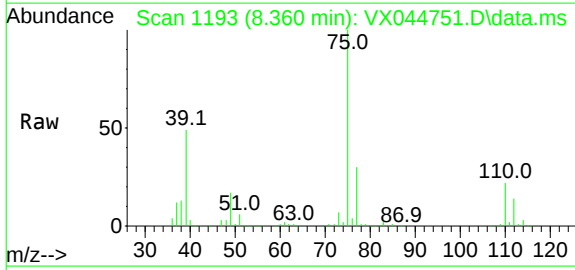
Tgt Ion: 83 Resp: 153696
Ion Ratio Lower Upper
83 100
85 65.5 43.8 81.3
127 7.7 6.5 9.7





#39
cis-1,3-Dichloropropene
Concen: 55.092 ug/L
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

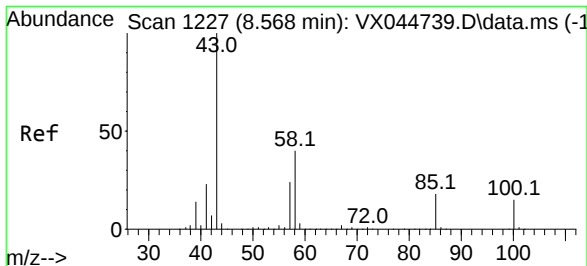
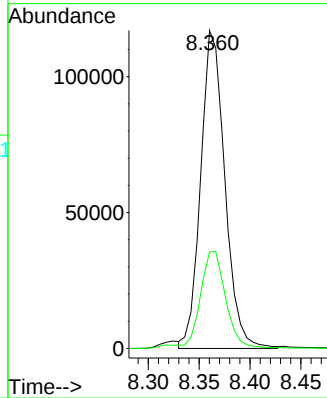
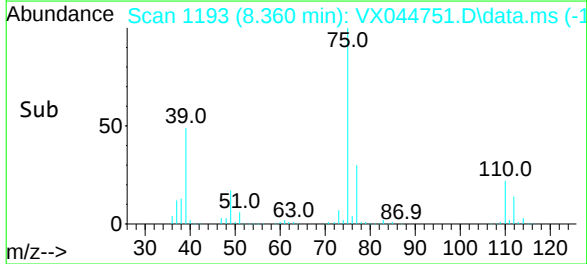
Instrument :
MSVOA_X
ClientSampleId :
E2947MS



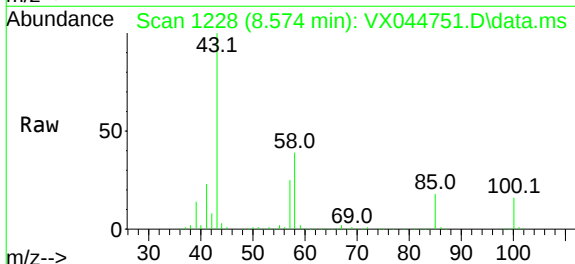
Tgt Ion: 75 Resp: 193425
Ion Ratio Lower Upper
75 100
77 30.3 21.7 40.3

Manual Integrations
APPROVED

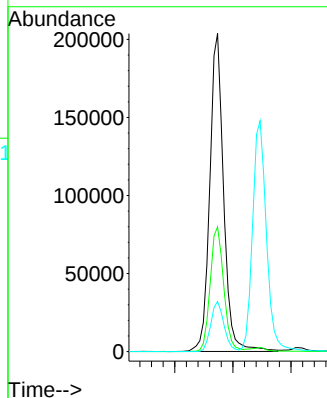
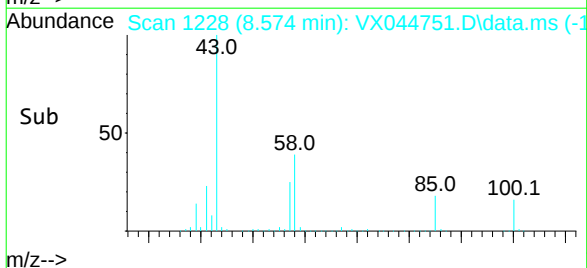
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025

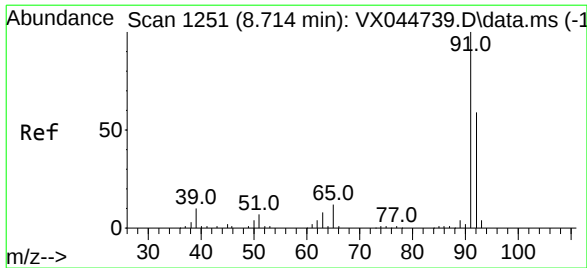


#40
4-Methyl-2-pentanone
Concen: 118.008 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53



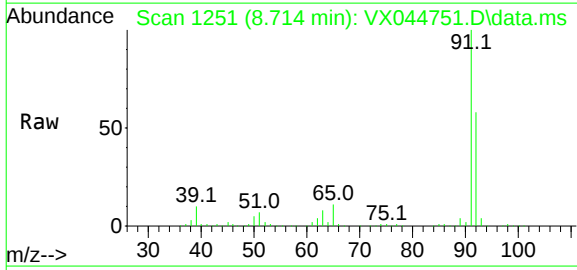
Tgt Ion: 43 Resp: 337363
Ion Ratio Lower Upper
43 100
58 38.3 32.1 48.1
100 15.1 12.9 19.3





#42
Toluene
Concen: 56.292 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

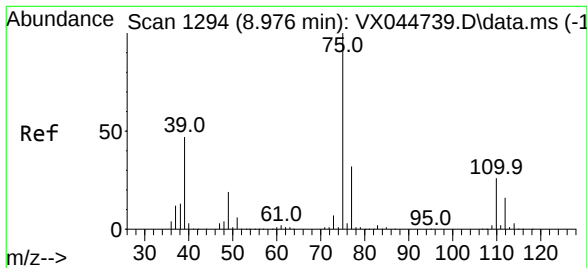
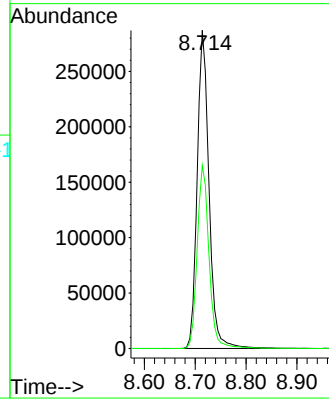
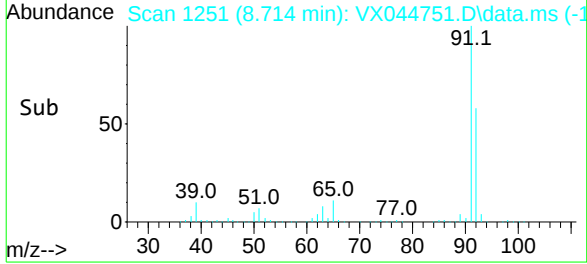
Instrument : MSVOA_X
ClientSampleId : E2947MS



Tgt Ion: 91 Resp: 461748
Ion Ratio Lower Upper
91 100
92 57.6 40.7 75.5

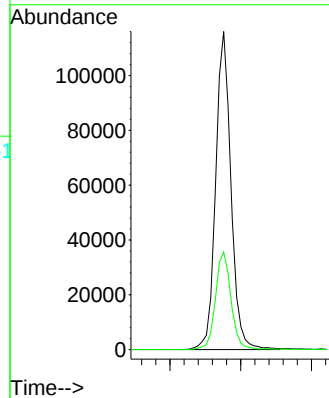
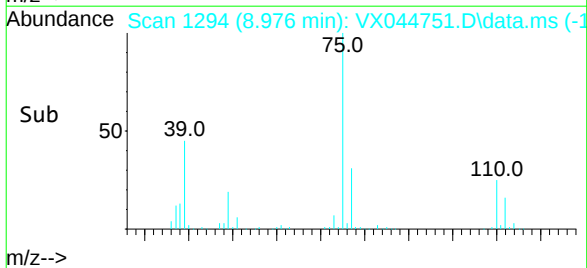
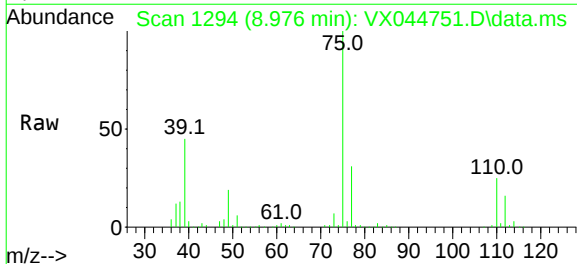
Manual Integrations
APPROVED

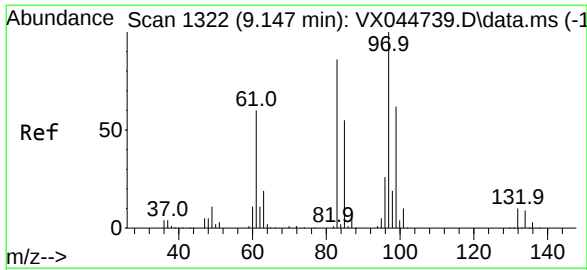
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#44
trans-1,3-Dichloropropene
Concen: 55.328 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

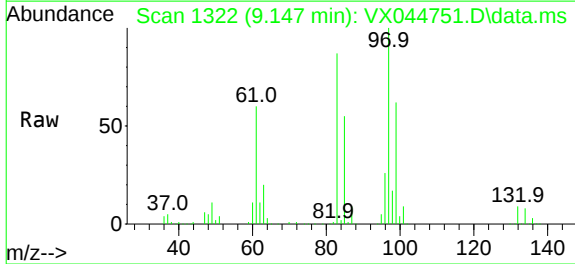
Tgt Ion: 75 Resp: 173900
Ion Ratio Lower Upper
75 100
77 30.6 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 56.358 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

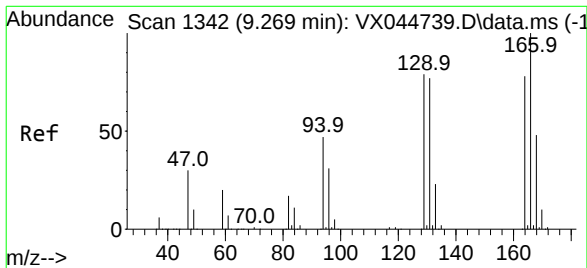
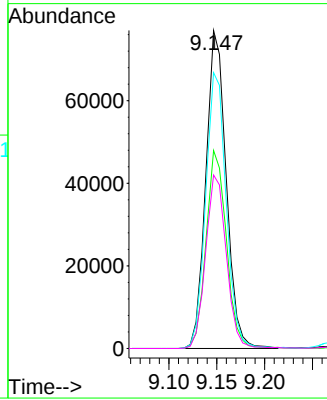
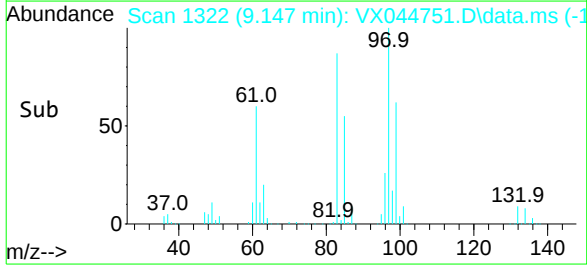
Instrument :
MSVOA_X
ClientSampleId :
E2947MS



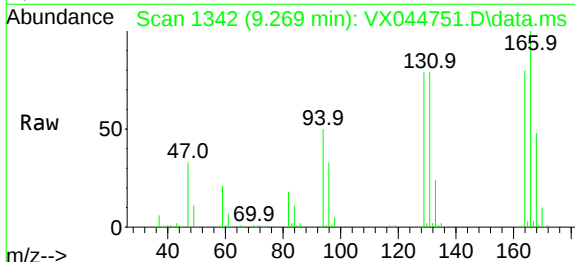
Tgt Ion:	97	Resp:	113761
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.8	83.2
83	86.7	60.8	113.0
85	54.5	39.3	72.9

Manual Integrations
APPROVED

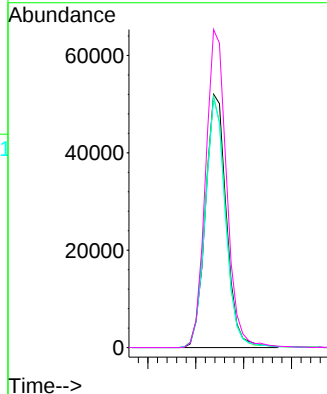
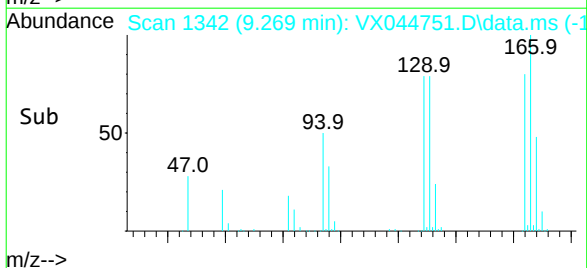
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025

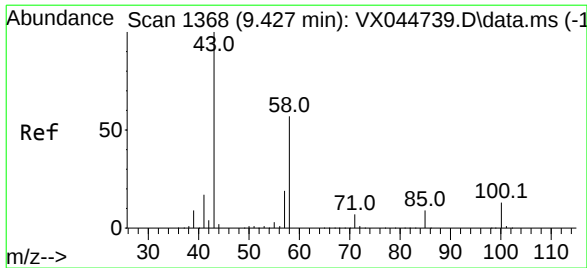


#46
Tetrachloroethene
Concen: 54.750 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53



Tgt Ion:	164	Resp:	79103
Ion	Ratio	Lower	Upper
164	100		
129	99.1	71.2	132.2
131	98.6	67.2	124.8
166	125.5	90.0	167.2





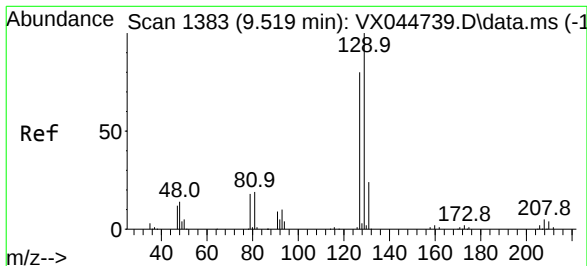
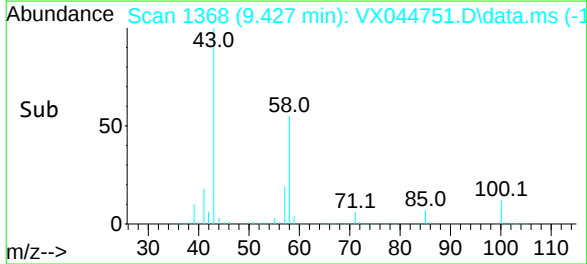
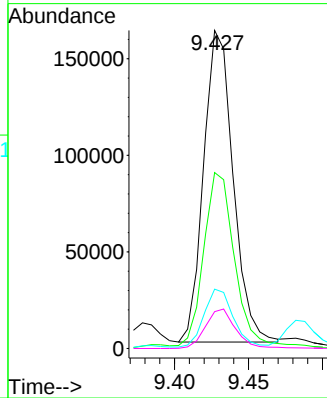
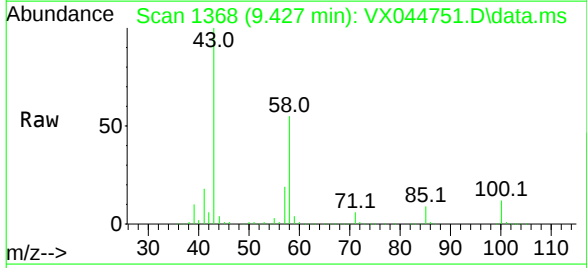
#48
2-Hexanone
Concen: 109.499 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Tgt Ion: 43 Resp: 224305
Ion Ratio Lower Upper
43 100
58 59.9 44.3 66.5
57 19.5 15.9 23.9
100 13.1 10.1 15.1

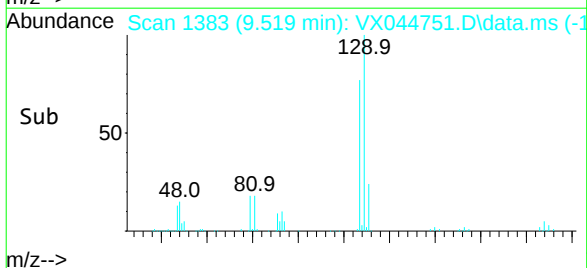
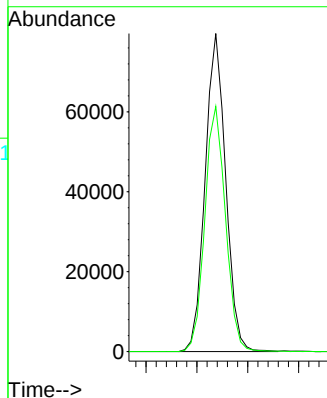
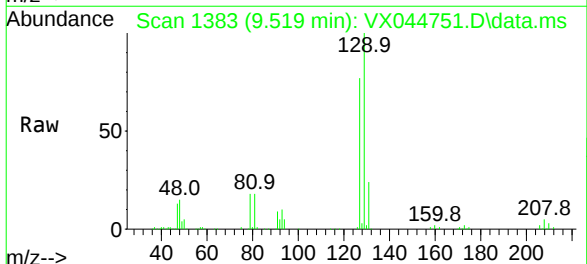
Manual Integrations
APPROVED

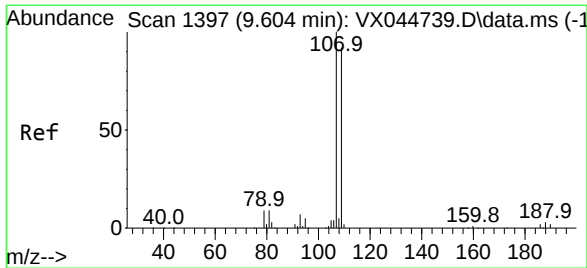
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#49
Dibromochloromethane
Concen: 54.934 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

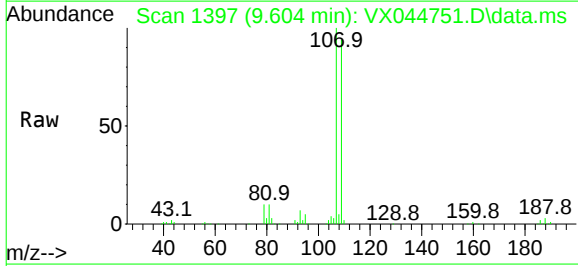
Tgt Ion:129 Resp: 111831
Ion Ratio Lower Upper
129 100
127 77.1 53.6 99.6





#50
1,2-Dibromoethane
Concen: 55.132 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

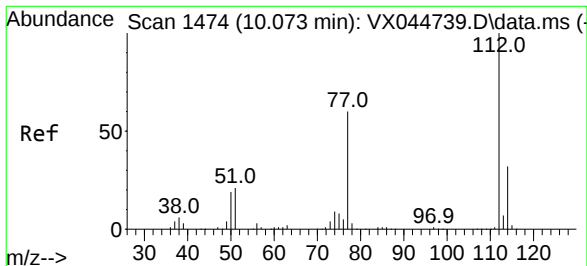
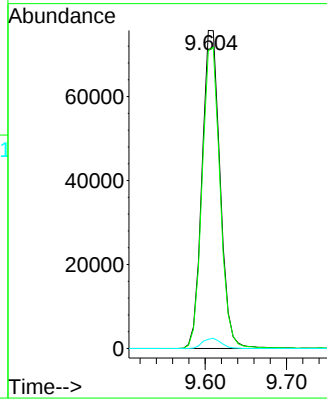
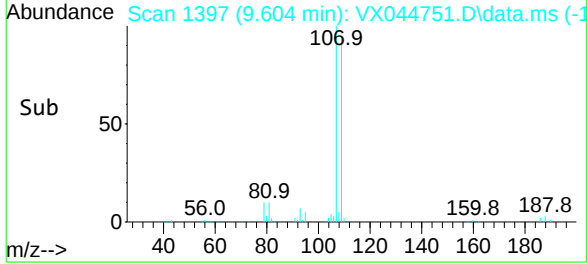
Instrument :
MSVOA_X
ClientSampleId :
E2947MS



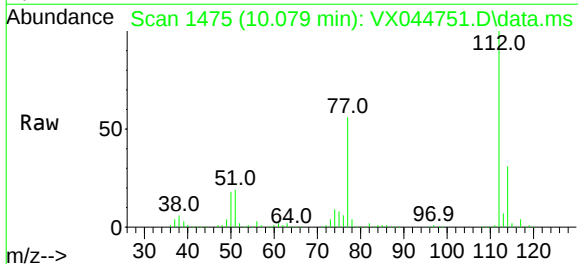
Tgt Ion:107 Resp: 116638
Ion Ratio Lower Upper
107 100
109 93.7 67.2 124.8
188 2.9 2.2 3.4

Manual Integrations
APPROVED

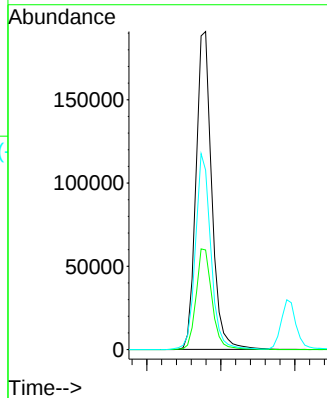
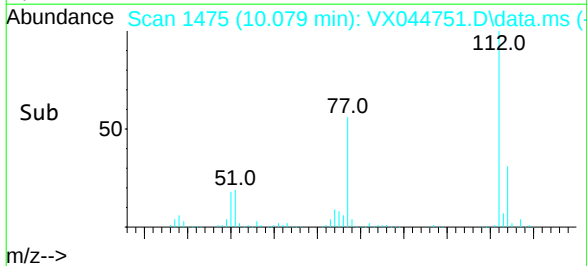
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025

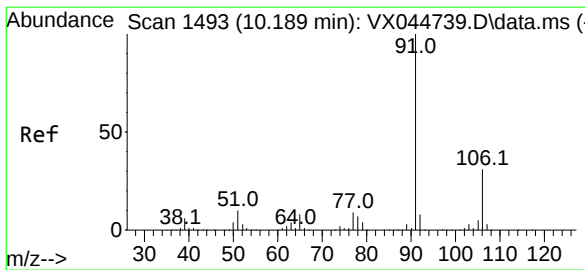


#51
Chlorobenzene
Concen: 55.063 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53



Tgt Ion:112 Resp: 281964
Ion Ratio Lower Upper
112 100
114 31.3 22.4 41.6
77 56.4 49.2 73.8





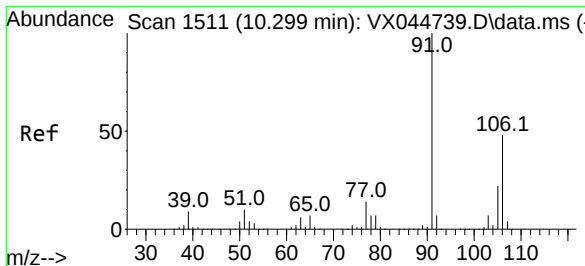
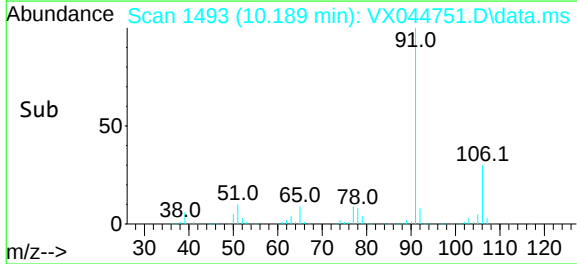
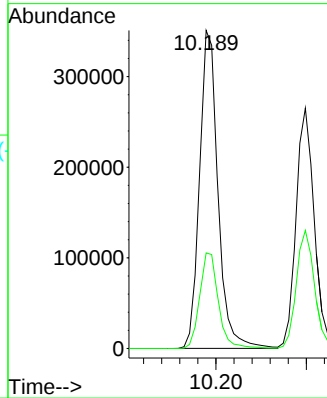
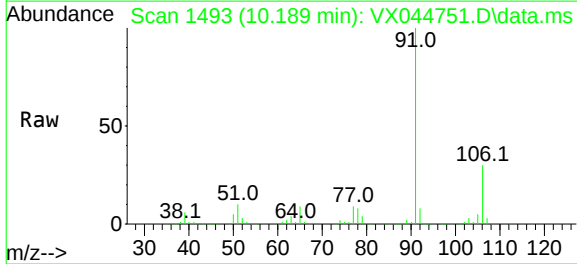
#52
Ethylbenzene
Concen: 55.403 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Tgt Ion: 91 Resp: 496751
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.3

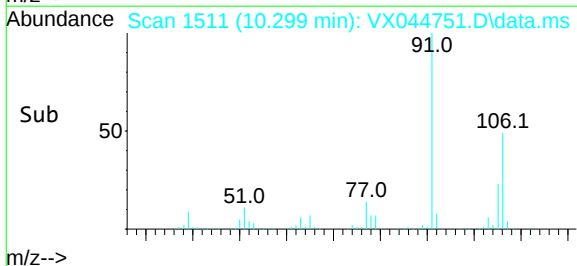
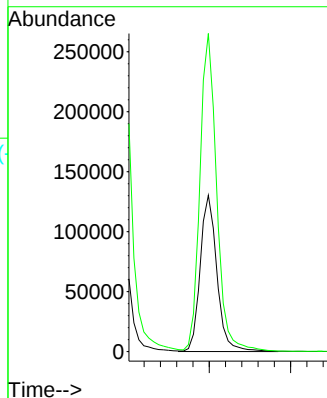
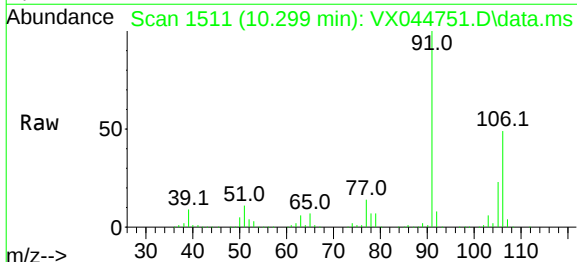
Manual Integrations
APPROVED

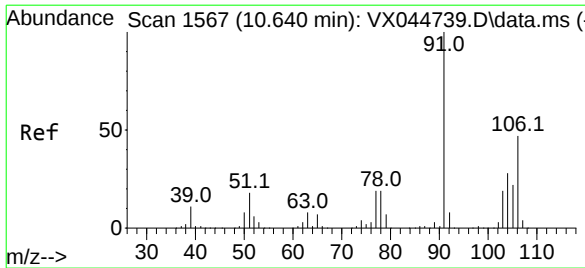
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#53
m,p-Xylene
Concen: 55.265 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Tgt Ion:106 Resp: 186029
Ion Ratio Lower Upper
106 100
91 203.5 145.2 269.6





#54

o-Xylene

Concen: 55.673 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044751.D

Acq: 28 Jan 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

E2947MS

Tgt Ion:106 Resp: 184721

Ion Ratio Lower Upper

106 100

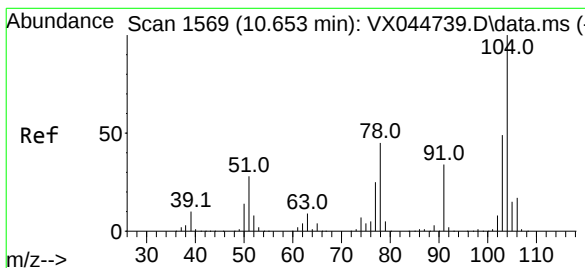
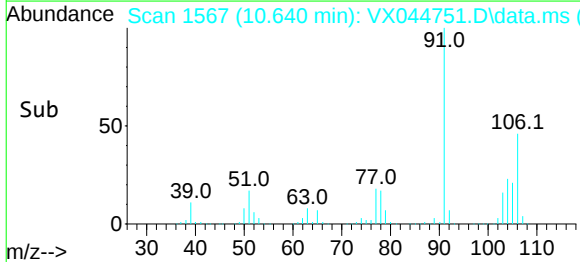
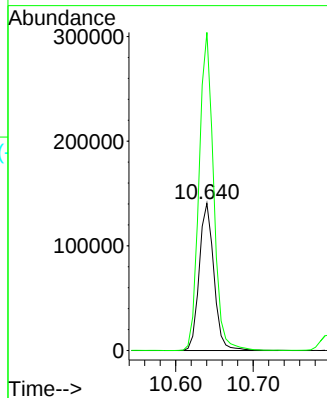
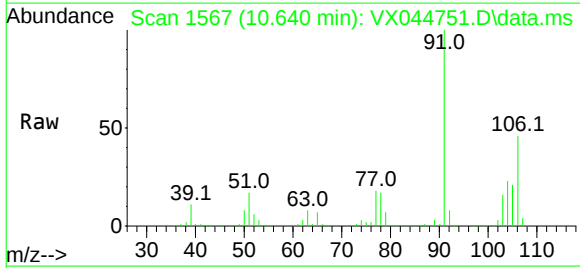
91 216.2 153.2 284.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Mahesh Dadoda 01/30/2025



#55

Styrene

Concen: 55.285 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044751.D

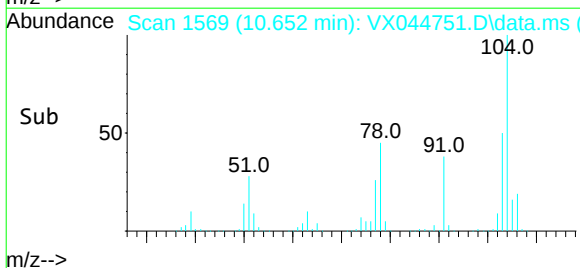
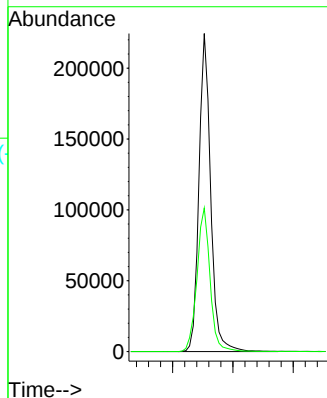
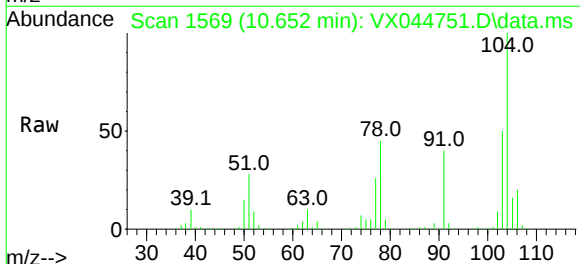
Acq: 28 Jan 2025 17:53

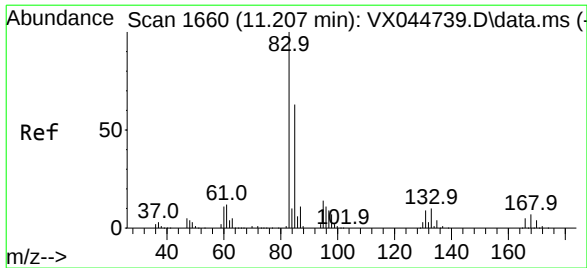
Tgt Ion:104 Resp: 302743

Ion Ratio Lower Upper

104 100

78 45.1 32.7 60.7





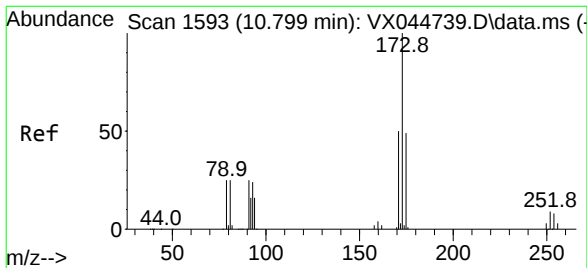
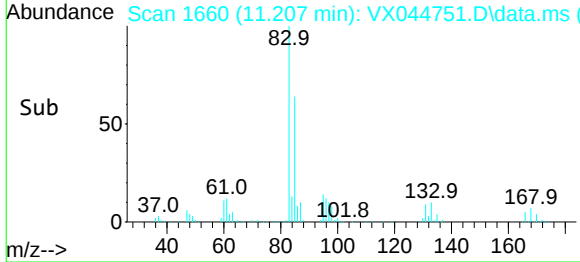
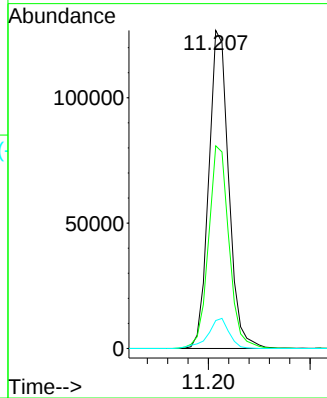
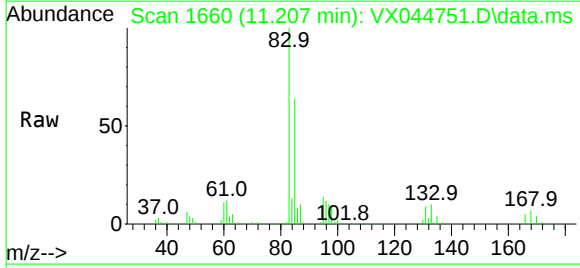
#57
1,1,2,2-Tetrachloroethane
Concen: 55.158 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Tgt Ion: 83 Resp: 172749
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.5
131 8.8 8.0 12.0

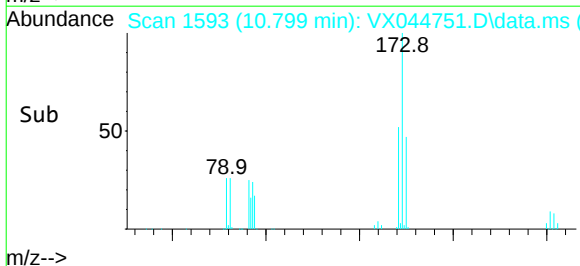
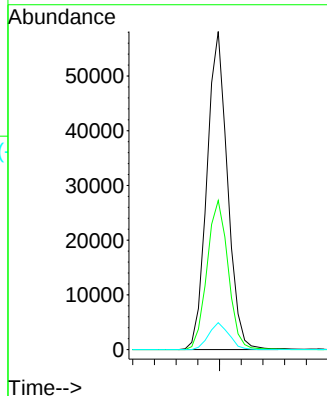
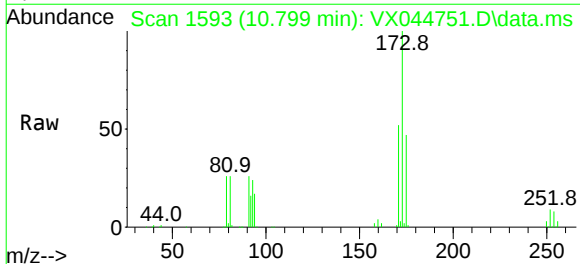
Manual Integrations
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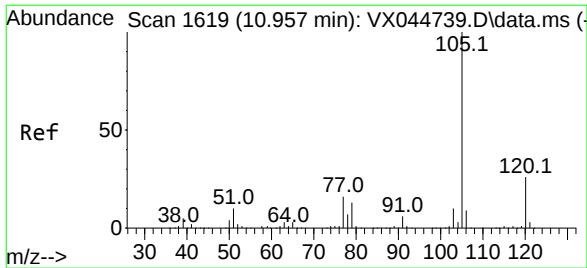
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#59
Bromoform
Concen: 56.012 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Tgt Ion:173 Resp: 76492
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 8.3 6.6 10.0





#60

Isopropylbenzene

Concen: 57.457 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044751.D

Acq: 28 Jan 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

E2947MS

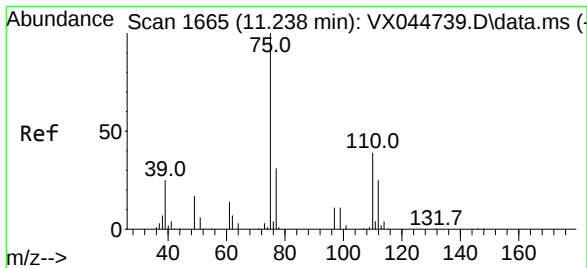
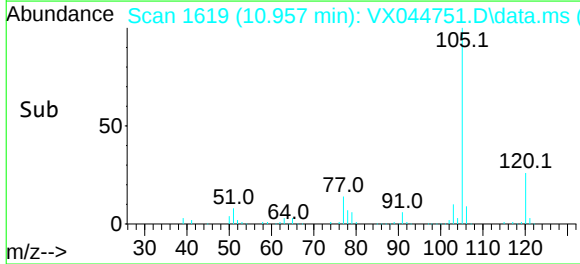
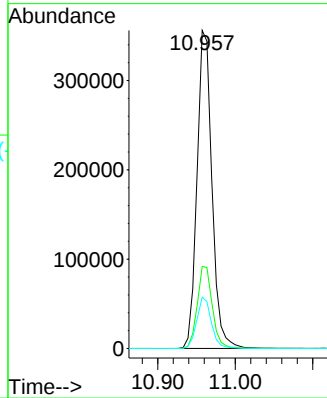
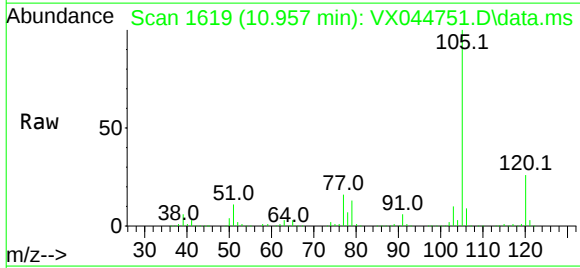
Tgt Ion:	105	Resp:	476381
Ion Ratio	Lower	Upper	
105	100		
120	26.1	20.9	31.3
77	15.7	12.6	19.0

Manual Integrations

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Reviewed By :John Carlone 01/29/2025

Supervised By :Mahesh Dadoda 01/30/2025



#61

1,2,3-Trichloropropane

Concen: 57.140 ug/L

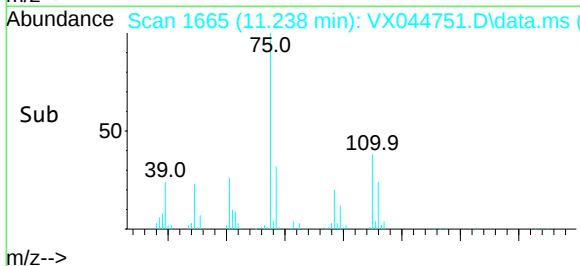
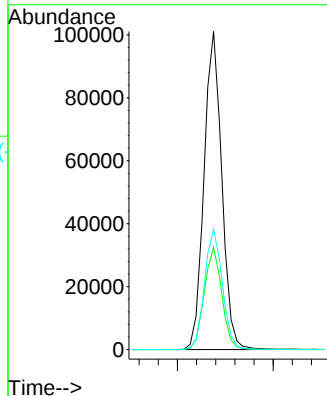
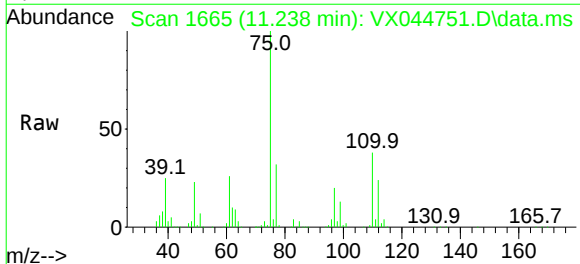
RT: 11.238 min Scan# 1665

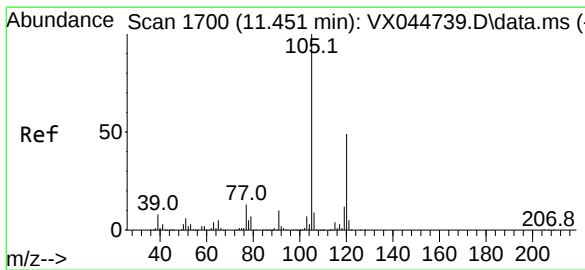
Delta R.T. -0.000 min

Lab File: VX044751.D

Acq: 28 Jan 2025 17:53

Tgt Ion:	75	Resp:	130235
Ion Ratio	Lower	Upper	
75	100		
77	31.8	25.8	38.6
110	37.9	30.8	46.2





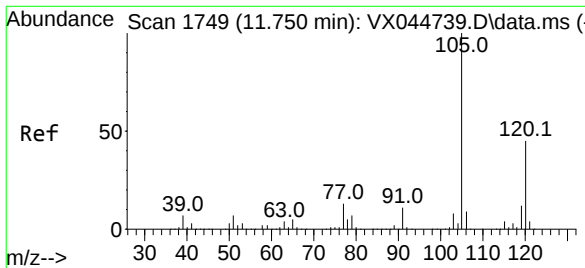
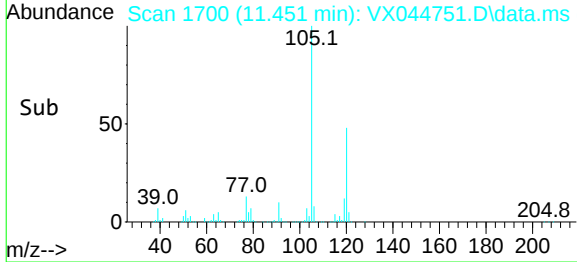
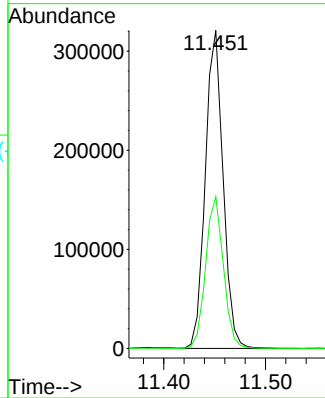
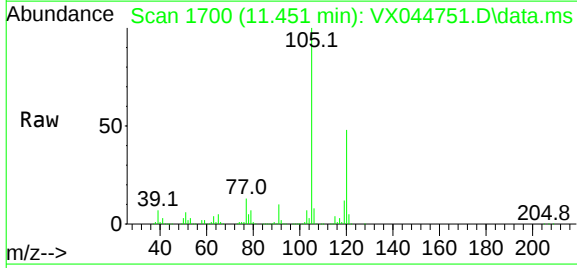
#62
1,3,5-Trimethylbenzene
Concen: 57.172 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Tgt Ion:105 Resp: 388868
Ion Ratio Lower Upper
105 100
120 47.7 38.3 57.5

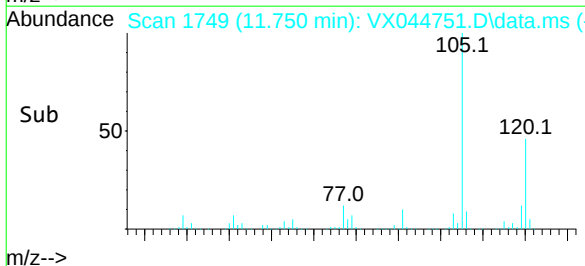
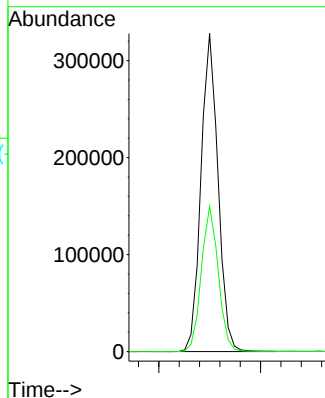
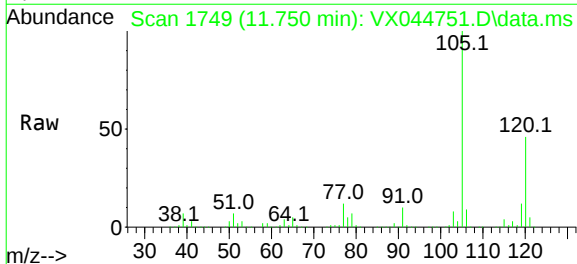
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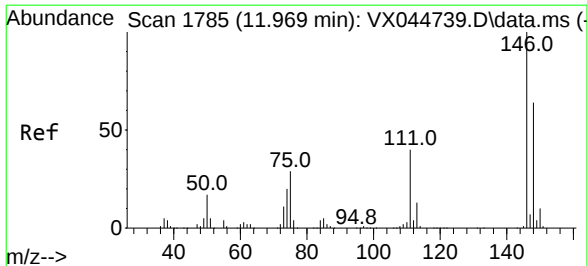
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#63
1,2,4-Trimethylbenzene
Concen: 56.632 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Tgt Ion:105 Resp: 381518
Ion Ratio Lower Upper
105 100
120 45.3 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 55.021 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044751.D

Acq: 28 Jan 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

E2947MS

Tgt Ion:146 Resp: 187529

Ion Ratio Lower Upper

146 100

111 40.9 29.5 54.9

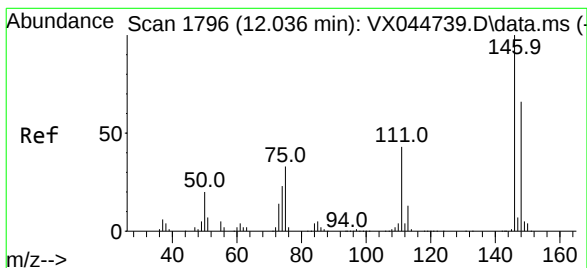
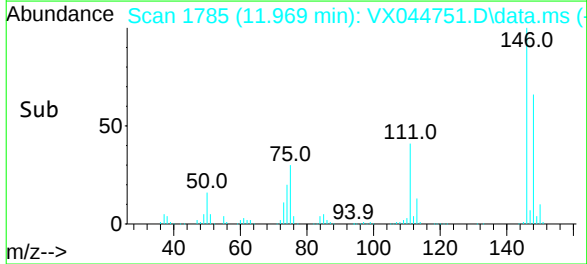
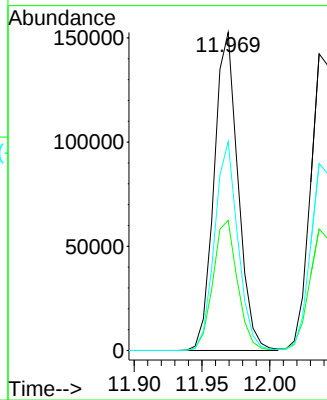
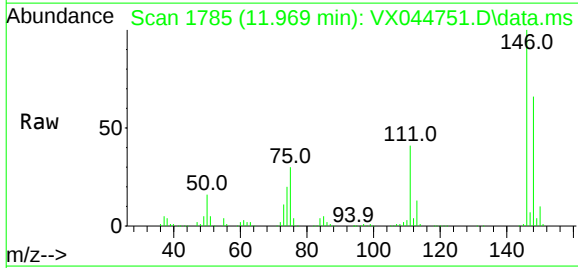
148 65.7 44.4 82.5

Manual Integrations

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Reviewed By :John Carlone 01/29/2025

Supervised By :Mahesh Dadoda 01/30/2025



#65

1,4-Dichlorobenzene

Concen: 55.007 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX044751.D

Acq: 28 Jan 2025 17:53

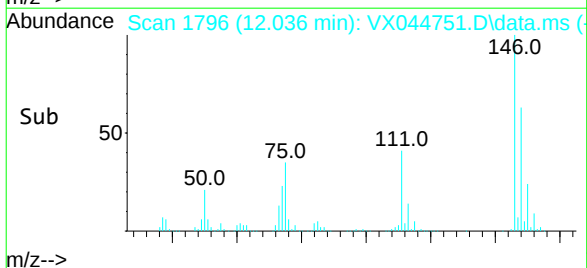
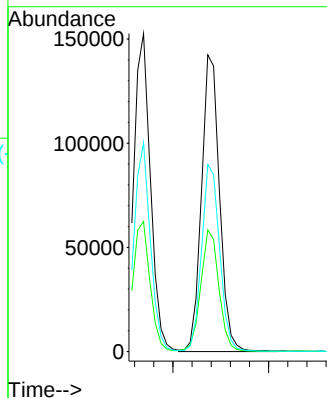
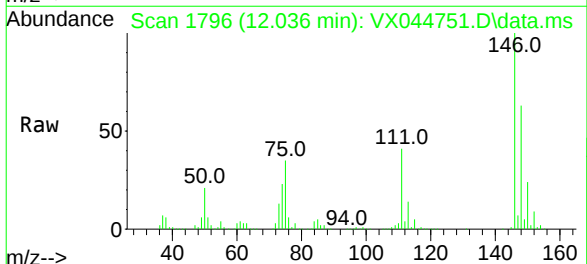
Tgt Ion:146 Resp: 186621

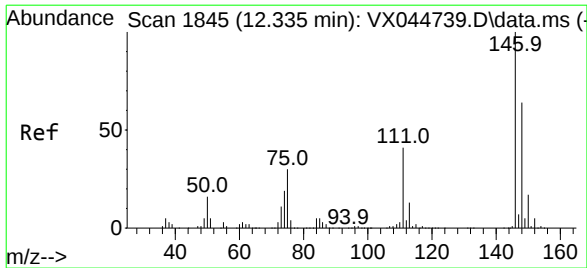
Ion Ratio Lower Upper

146 100

111 41.0 29.7 55.1

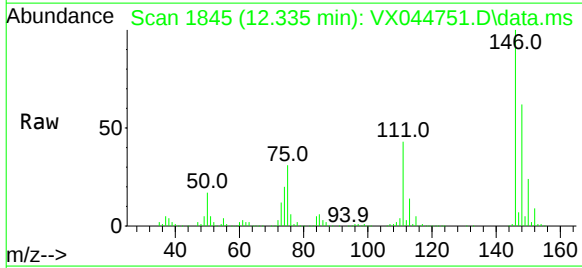
148 63.0 43.5 80.7





#67
1,2-Dichlorobenzene
Concen: 55.940 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

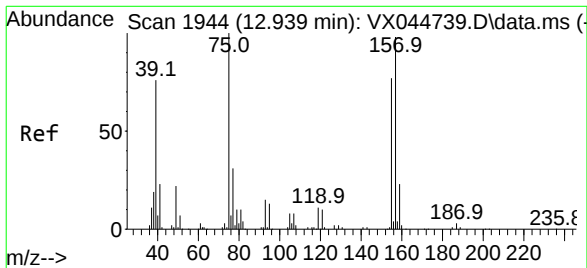
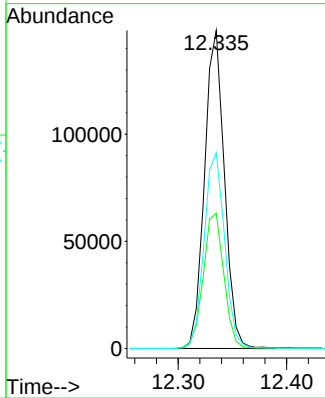
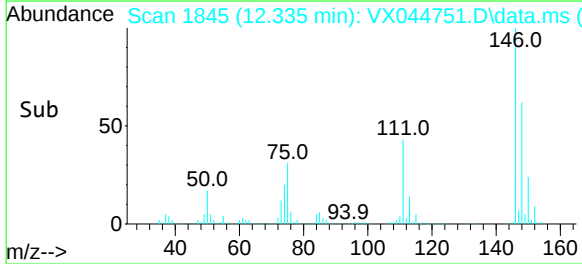
Instrument : MSVOA_X
ClientSampleId : E2947MS



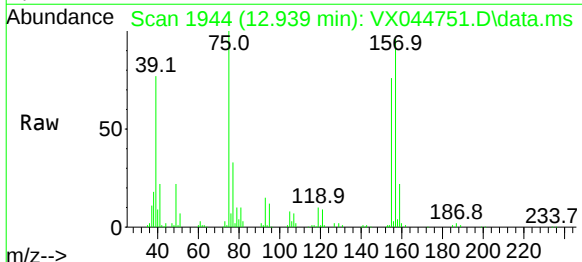
Tgt Ion: 146 Resp: 189034
Ion Ratio Lower Upper
146 100
111 42.5 36.1 54.1
148 61.5 51.5 77.3

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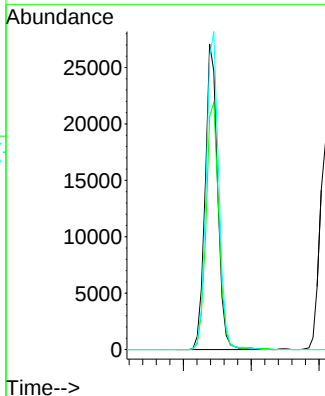
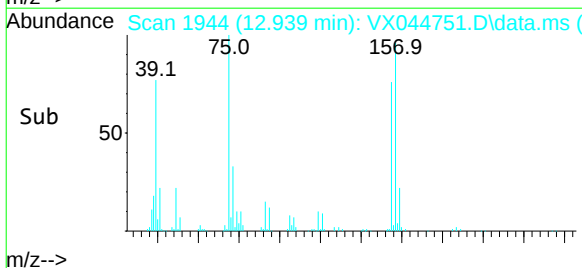
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025

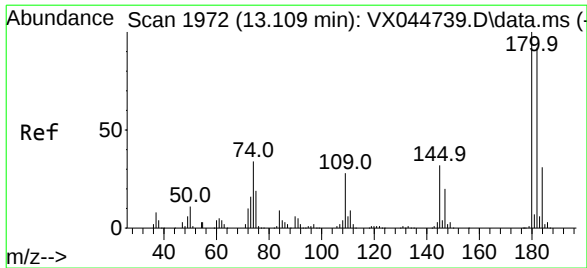


#68
1,2-Dibromo-3-chloropropane
Concen: 55.608 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53



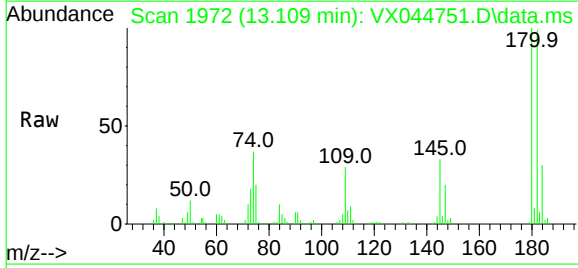
Tgt Ion: 75 Resp: 34535
Ion Ratio Lower Upper
75 100
155 76.2 62.5 93.7
157 95.9 83.5 125.3





#69
1,3,5-Trichlorobenzene
Concen: 53.465 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

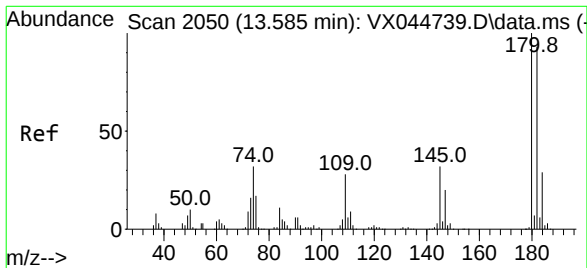
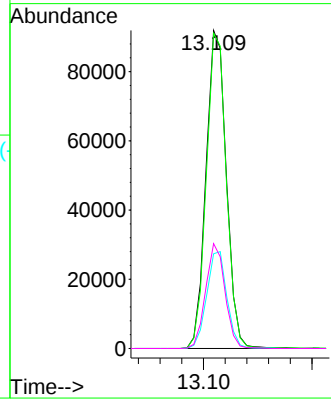
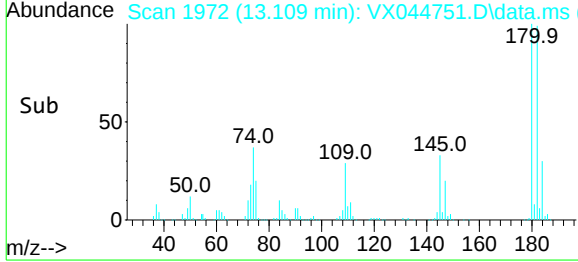
Instrument :
MSVOA_X
ClientSampleId :
E2947MS



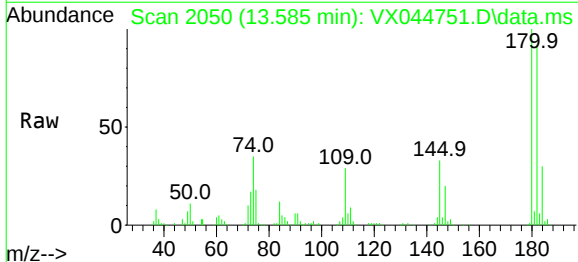
Tgt Ion:180 Resp: 119408
Ion Ratio Lower Upper
180 100
182 97.5 77.0 115.6
184 30.3 24.0 36.0
145 31.5 26.2 39.4

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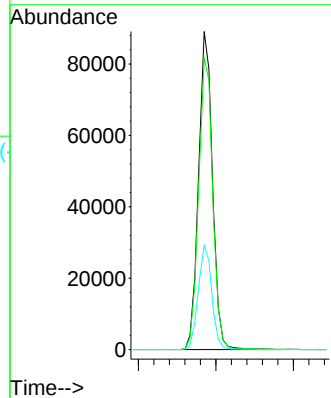
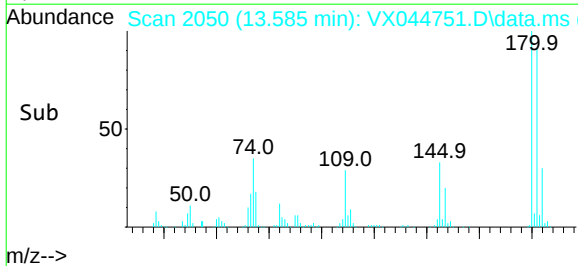
Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025

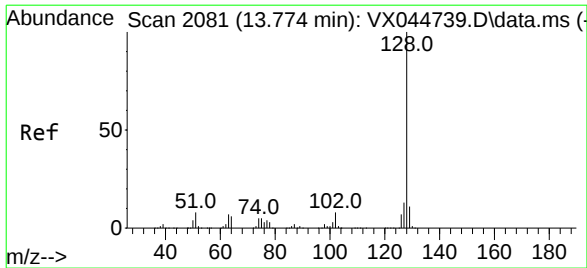


#70
1,2,4-trichlorobenzene
Concen: 55.178 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53



Tgt Ion:180 Resp: 111100
Ion Ratio Lower Upper
180 100
182 92.5 76.5 114.7
145 32.0 27.0 40.4





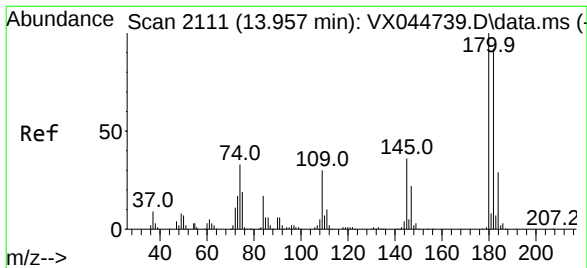
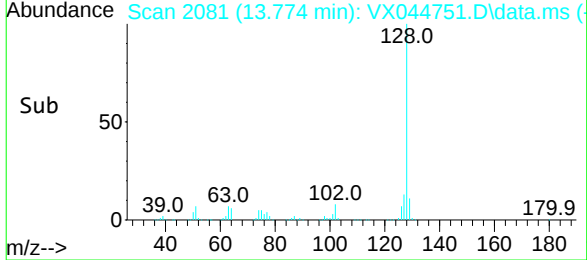
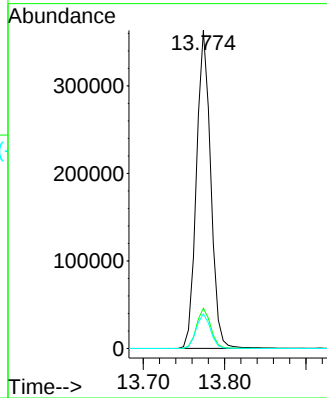
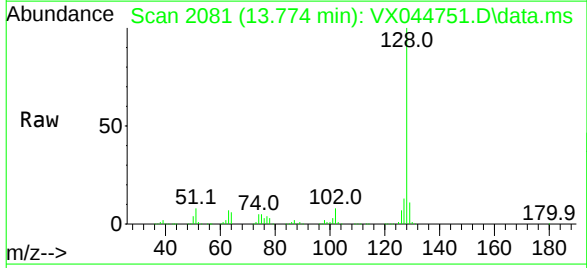
#71
Naphthalene
Concen: 56.523 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
E2947MS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.7	13.1

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Reviewed By :John Carlone 01/29/2025
Supervised By :Mahesh Dadoda 01/30/2025



#72
1,2,3-Trichlorobenzene
Concen: 55.080 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044751.D
Acq: 28 Jan 2025 17:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.1	115.7
145	34.9	28.3	42.5

