

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044752.D
 Acq On : 28 Jan 2025 18:17
 Operator : JC/MD
 Sample : Q1162-04MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E2947MSD

Quant Time: Jan 29 07:42:37 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	310721	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	270769	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	115812	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	108627	46.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.880%
7) Chloroethane-d5	1.648	69	48366	54.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.860%
11) 1,1-Dichloroethene-d2	2.294	65	50680	50.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.380%
21) 2-Butanone-d5	4.459	46	120928	120.940	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.940%
24) Chloroform-d	5.050	84	205431	49.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	5.952	65	123015	49.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
32) Benzene-d6	5.964	84	423828	50.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.120%
36) 1,2-Dichloropropane-d6	7.306	67	134085	50.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.080%
41) Toluene-d8	8.647	98	375965	50.174	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.340%
43) trans-1,3-Dichloroprop...	8.946	79	63505	49.959	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.920%
47) 2-Hexanone-d5	9.385	63	83020	104.679	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.680%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	170636	51.241	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	12.317	152	115220	50.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	107621	48.430	ug/L	100
3) Chloromethane	1.301	50	121452	44.327	ug/L	99
5) Vinyl chloride	1.374	62	114262	45.410	ug/L	98
6) Bromomethane	1.593	94	31320	45.988	ug/L	94
8) Chloroethane	1.666	64	52499	52.254	ug/L	95
9) Trichlorofluoromethane	1.874	101	125582	44.763	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	97830	47.403	ug/L	98
12) 1,1-Dichloroethene	2.307	96	94724	49.186	ug/L #	78
13) Acetone	2.380	43	102406	102.706	ug/L	99
14) Carbon disulfide	2.502	76	278862	47.286	ug/L	100
15) Methyl Acetate	2.703	43	117707	51.015	ug/L	99
16) Methylene chloride	2.782	84	108620	49.313	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	96775	48.038	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	339724	48.912	ug/L	98
19) 1,1-Dichloroethane	3.599	63	191404	48.591	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	115448	47.874	ug/L	96
22) 2-Butanone	4.556	43	161278	98.092	ug/L	100
23) Bromochloromethane	4.891	128	56126	47.192	ug/L	98
25) Chloroform	5.087	83	189854	47.505	ug/L	99

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 Response via : Initial Calibration

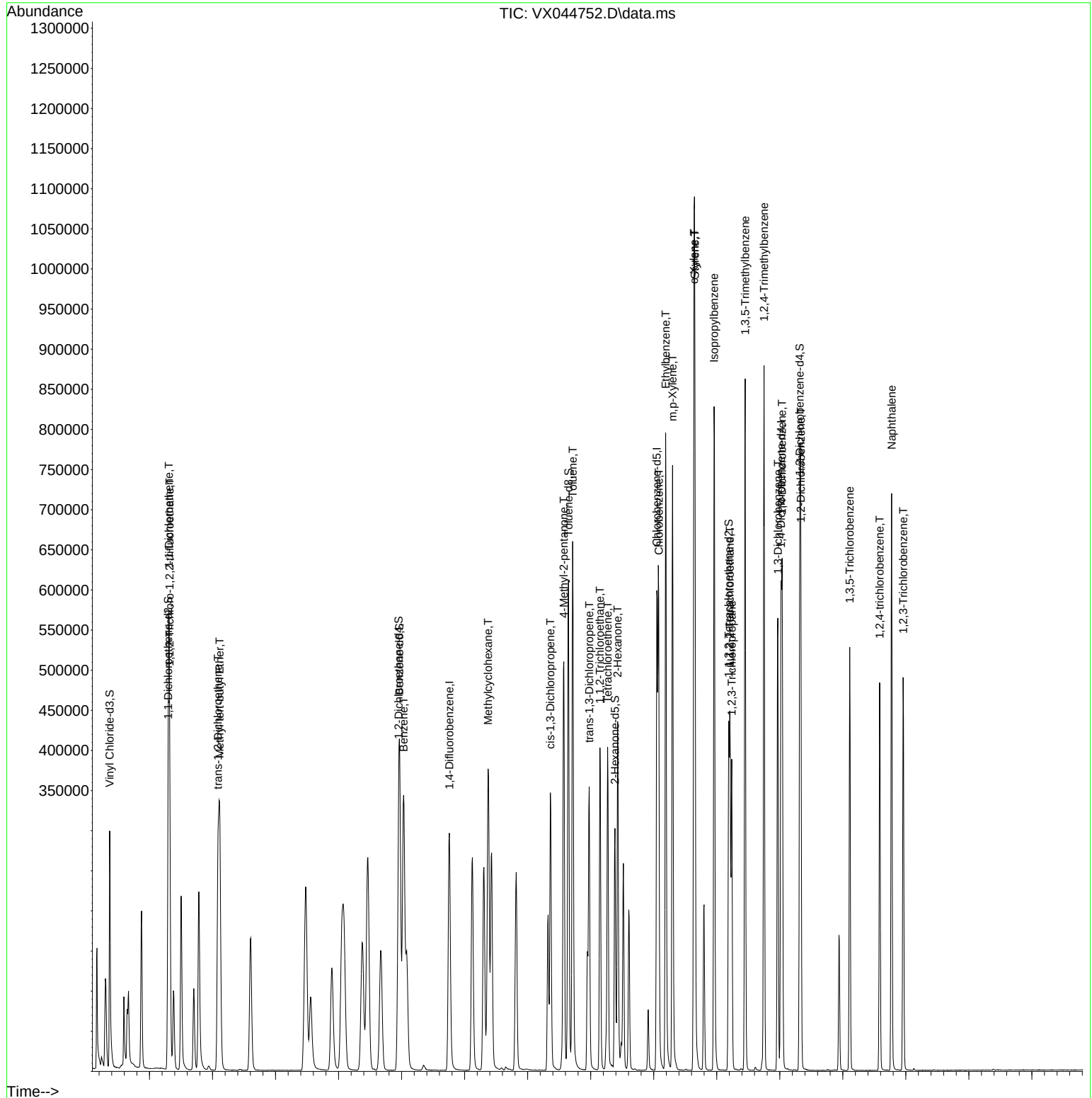
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	144864	48.315	ug/L	99
29) Cyclohexane	5.458	56	192324	46.270	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	162390	47.403	ug/L	100
31) Carbon tetrachloride	5.672	117	137899	46.939	ug/L	100
33) Benzene	6.032	78	427372	47.893	ug/L	100
34) Trichloroethene	7.117	95	107949	47.538	ug/L	97
35) Methylcyclohexane	7.373	83	183076	47.126	ug/L	98
37) 1,2-Dichloropropane	7.428	63	114038	47.247	ug/L	99
38) Bromodichloromethane	7.818	83	145221	47.940	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	182940	46.686	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	326231	102.243	ug/L	98
42) Toluene	8.714	91	442586	48.343	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	167338	47.702	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	109622	48.658	ug/L	98
46) Tetrachloroethene	9.269	164	75287	46.688	ug/L	98
48) 2-Hexanone	9.427	43	217331	95.058	ug/L	96
49) Dibromochloromethane	9.519	129	108707	47.844	ug/L	99
50) 1,2-Dibromoethane	9.604	107	113434	48.040	ug/L	99
51) Chlorobenzene	10.080	112	274155	47.969	ug/L	96
52) Ethylbenzene	10.189	91	479928	47.958	ug/L	100
53) m,p-Xylene	10.299	106	180378	48.012	ug/L	96
54) o-Xylene	10.640	106	177223	47.857	ug/L	97
55) Styrene	10.653	104	295622	48.369	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	165927	47.469	ug/L	99
59) Bromoform	10.799	173	74461	48.604	ug/L	99
60) Isopropylbenzene	10.957	105	461508	49.619	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	124665	48.757	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	376929	49.399	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	369564	48.901	ug/L	99
64) 1,3-Dichlorobenzene	11.970	146	180205	47.130	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	178430	46.882	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	182241	48.074	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	33771	48.473	ug/L	91
69) 1,3,5-Trichlorobenzene	13.110	180	116579	46.530	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	107089	47.410	ug/L	98
71) Naphthalene	13.774	128	426342	48.668	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	107811	47.070	ug/L	98

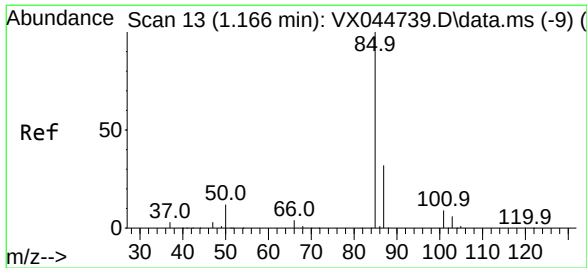
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 28 12:04:44 2025
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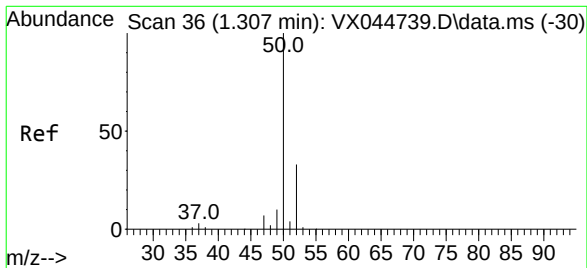
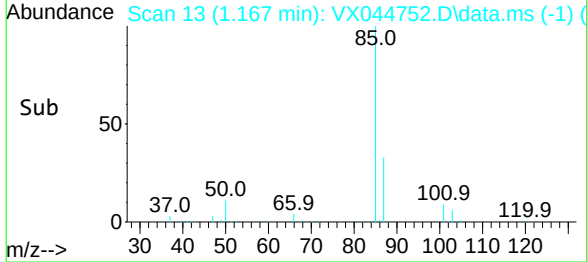
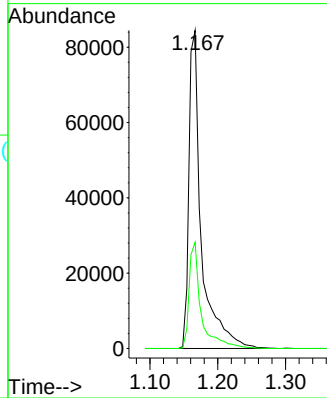
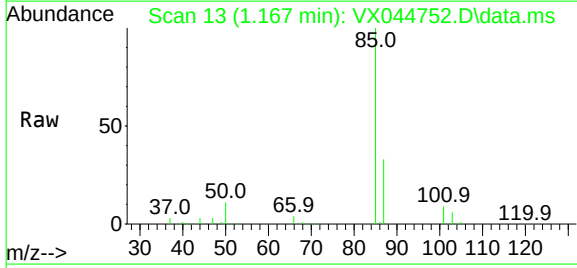




#2
Dichlorodifluoromethane
Concen: 48.430 ug/L
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

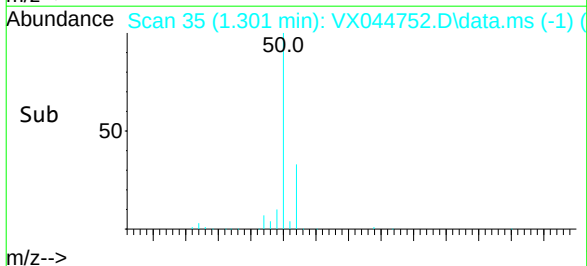
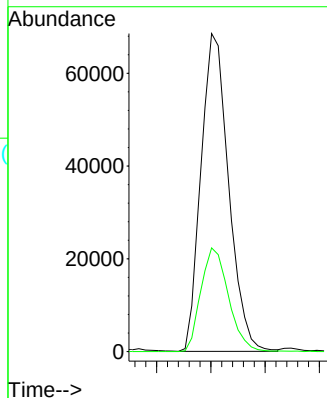
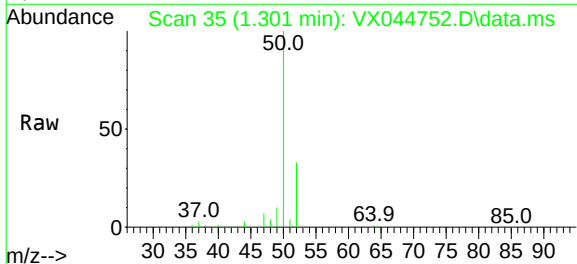
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

Tgt Ion: 85 Resp: 107621
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9

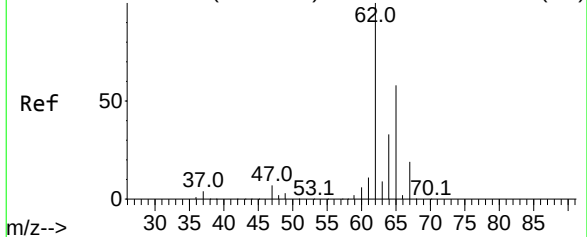


#3
Chloromethane
Concen: 44.327 ug/L
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 50 Resp: 121452
Ion Ratio Lower Upper
50 100
52 32.6 23.3 43.3



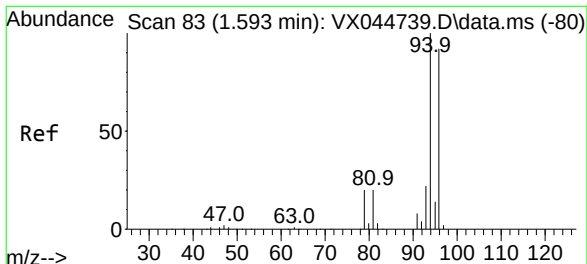
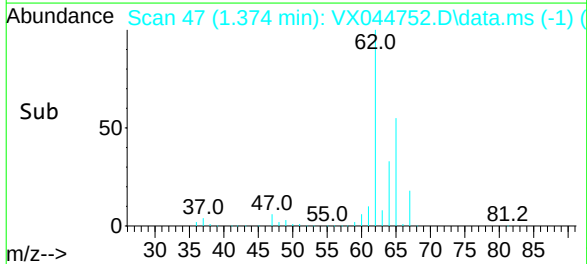
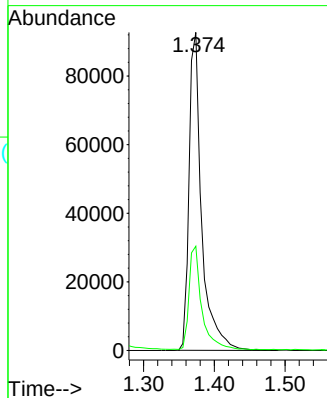
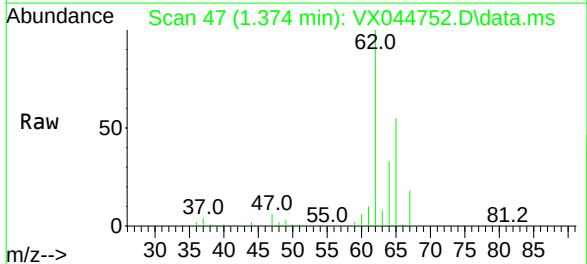
Abundance Scan 47 (1.374 min): VX044739.D\data.ms (-43)



#5
Vinyl chloride
Concen: 45.410 ug/L
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

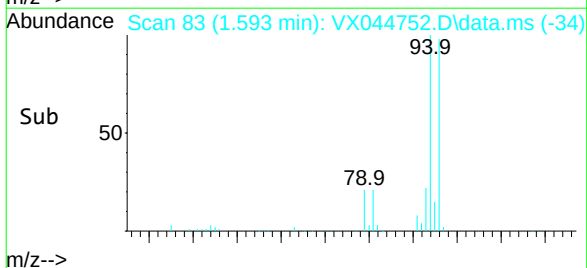
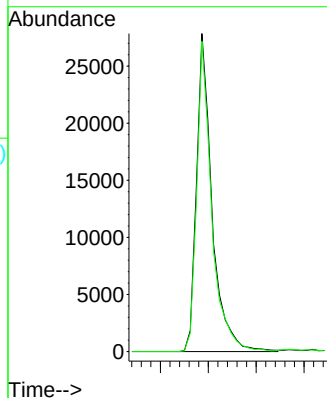
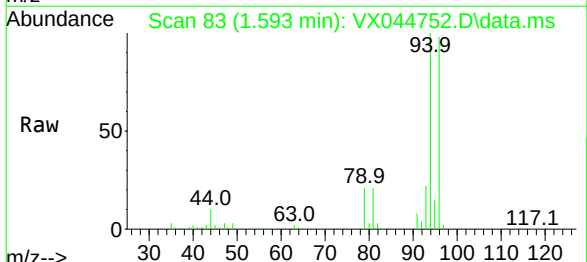
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

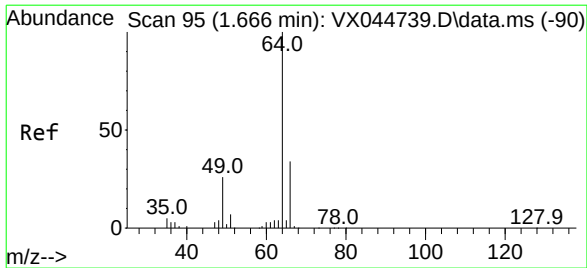
Tgt Ion: 62 Resp: 114262
Ion Ratio Lower Upper
62 100
64 32.8 23.7 44.1



#6
Bromomethane
Concen: 45.988 ug/L
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 94 Resp: 31320
Ion Ratio Lower Upper
94 100
96 97.6 64.3 119.3

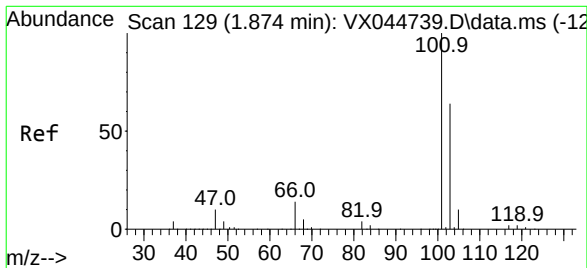
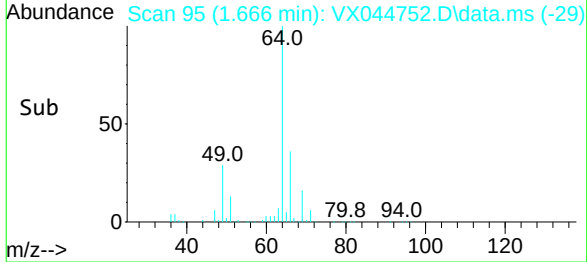
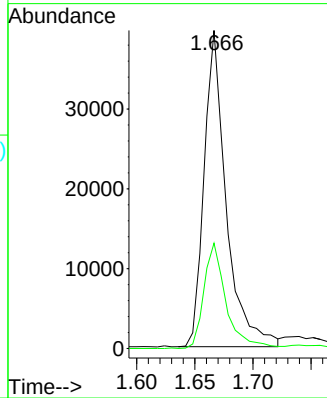
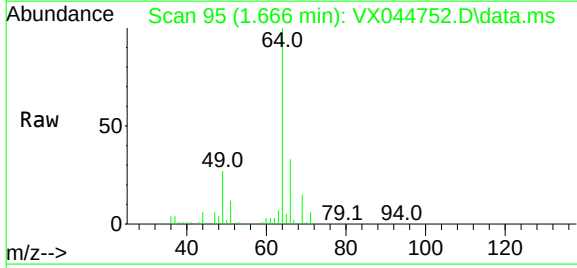




#8
Chloroethane
Concen: 52.254 ug/L
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

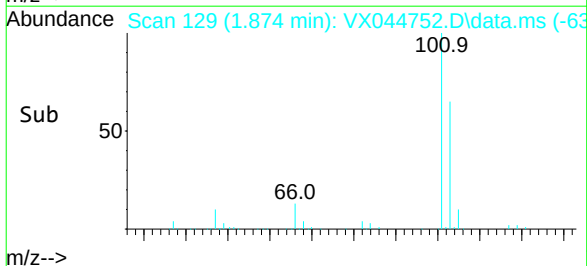
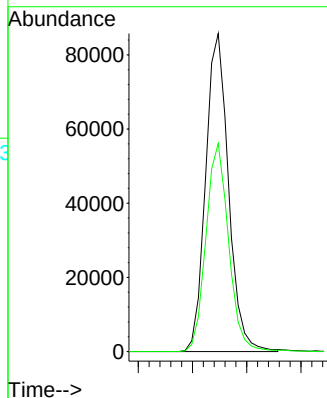
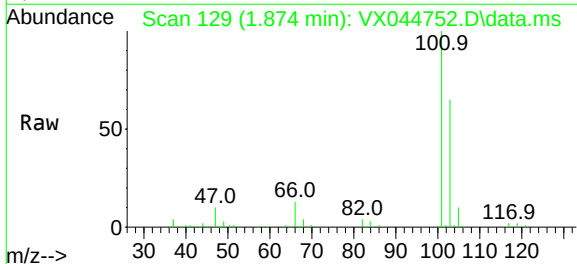
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

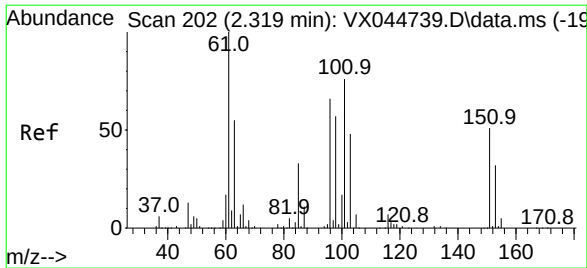
Tgt Ion: 64 Resp: 52499
Ion Ratio Lower Upper
64 100
66 33.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 44.763 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 101 Resp: 125582
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 47.403 ug/L

RT: 2.319 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

E2947MSD

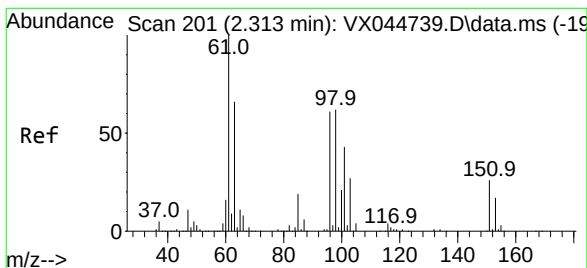
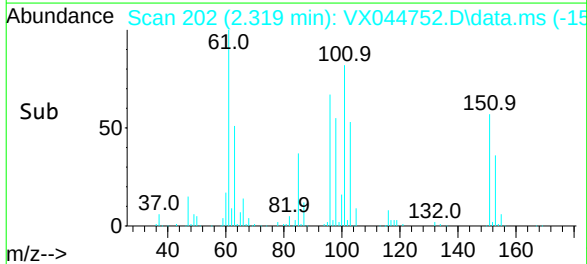
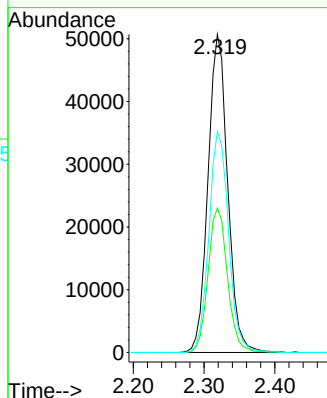
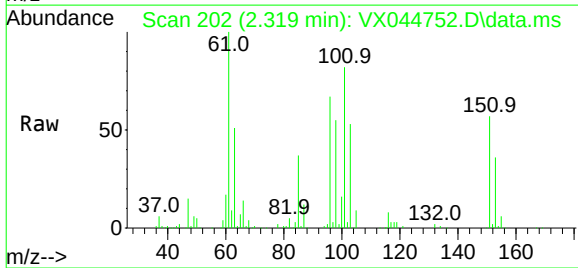
Tgt Ion:101 Resp: 97830

Ion Ratio Lower Upper

101 100

85 44.9 35.4 53.0

151 69.6 57.0 85.4



#12

1,1-Dichloroethene

Concen: 49.186 ug/L

RT: 2.307 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

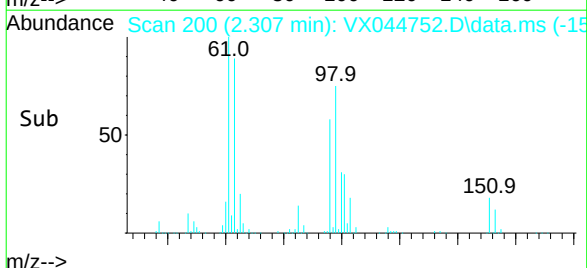
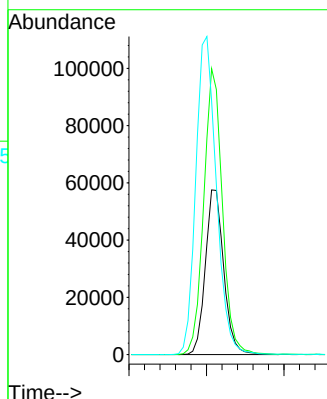
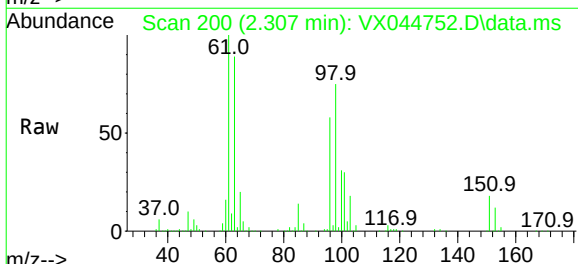
Tgt Ion: 96 Resp: 94724

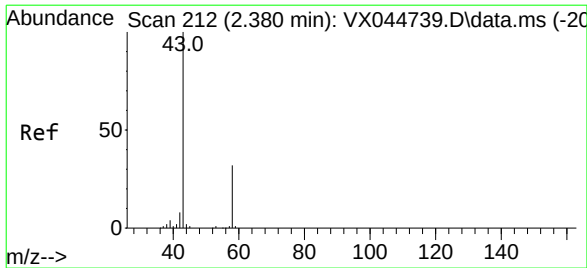
Ion Ratio Lower Upper

96 100

61 173.6 115.1 213.8

63 154.1 74.1 137.5#





#13

Acetone

Concen: 102.706 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044752.D

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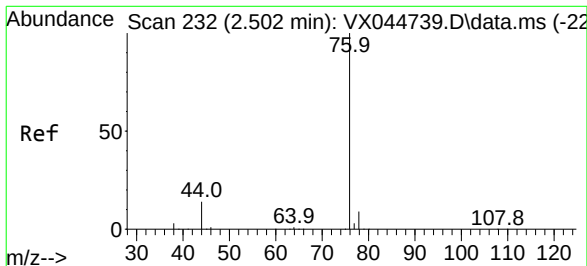
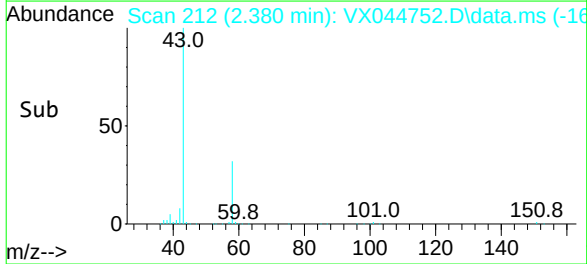
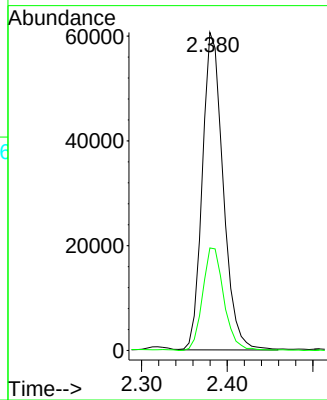
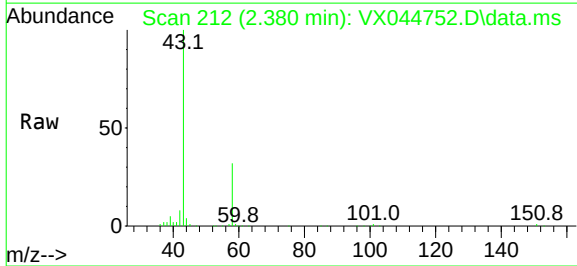
E2947MSD

Tgt Ion: 43 Resp: 102406

Ion Ratio Lower Upper

43 100

58 32.9 0.0 64.6



#14

Carbon disulfide

Concen: 47.286 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044752.D

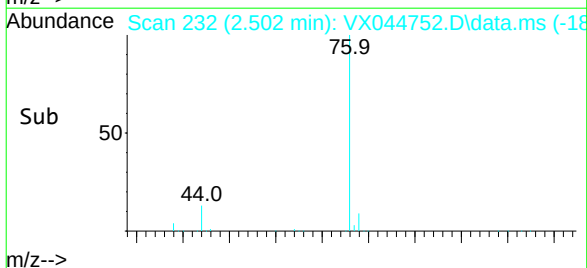
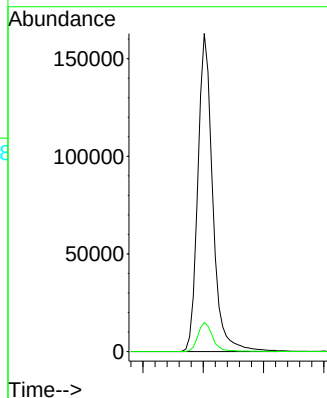
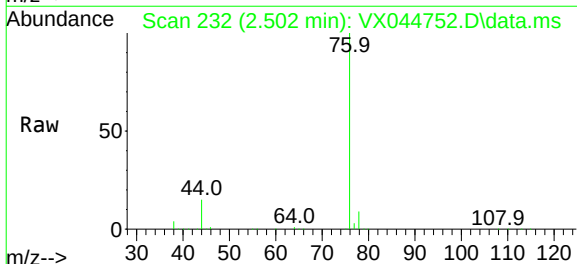
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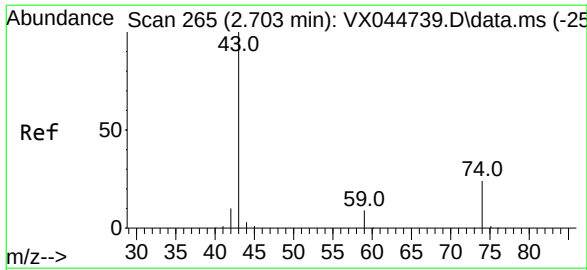
Tgt Ion: 76 Resp: 278862

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

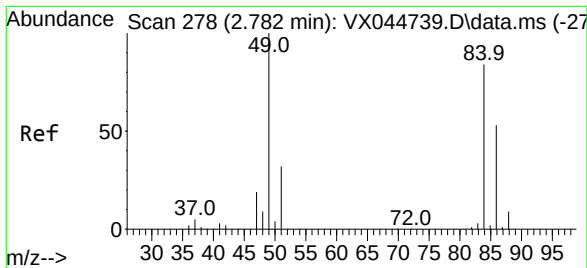
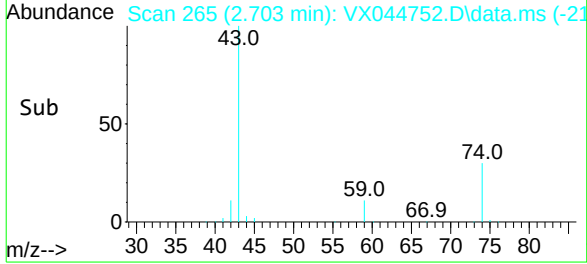
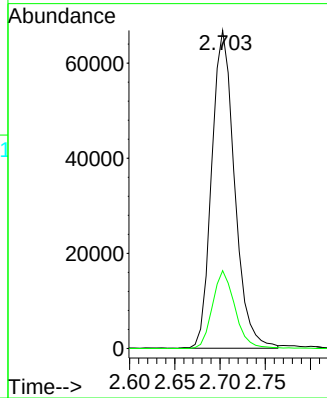
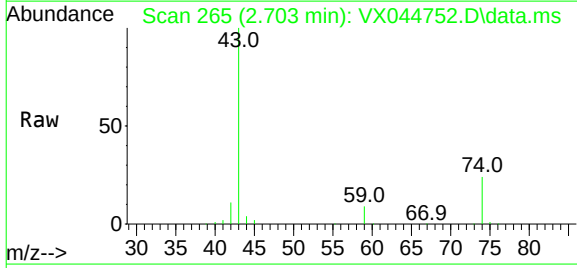




#15
Methyl Acetate
Concen: 51.015 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

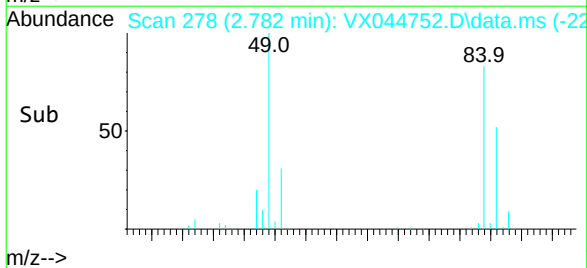
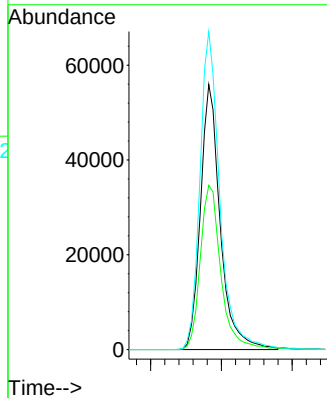
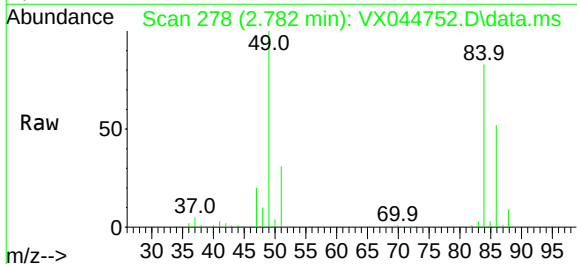
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

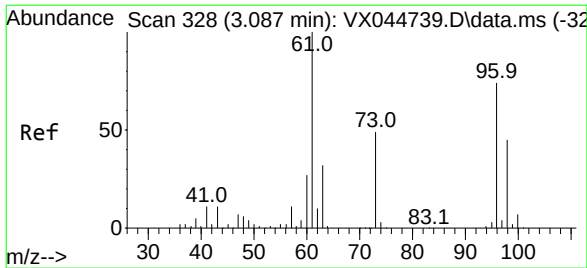
Tgt Ion: 43 Resp: 117707
Ion Ratio Lower Upper
43 100
74 24.0 19.7 29.5



#16
Methylene chloride
Concen: 49.313 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

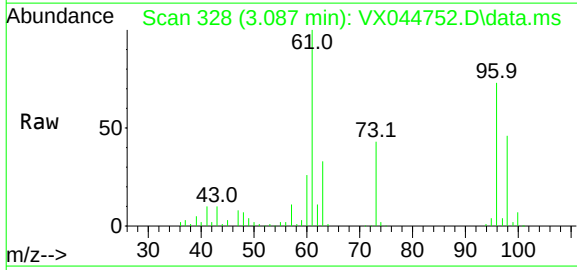
Tgt Ion: 84 Resp: 108620
Ion Ratio Lower Upper
84 100
86 62.0 45.6 84.8
49 120.0 84.6 157.0



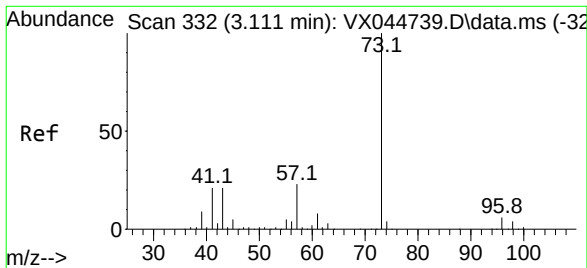
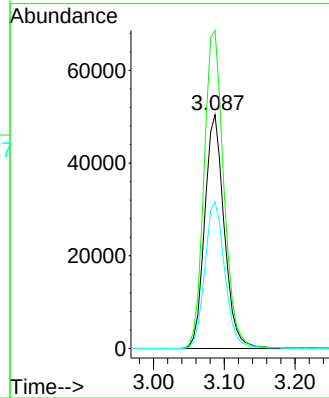
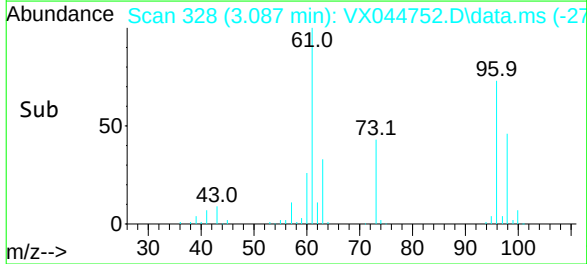


#17
trans-1,2-Dichloroethene
Concen: 48.038 ug/L
RT: 3.087 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

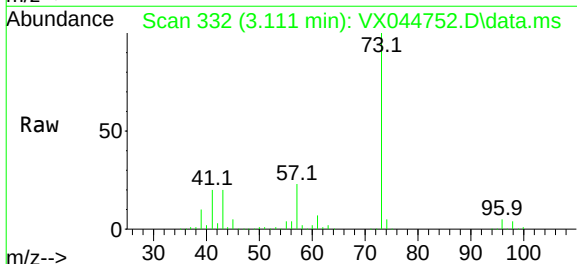
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD



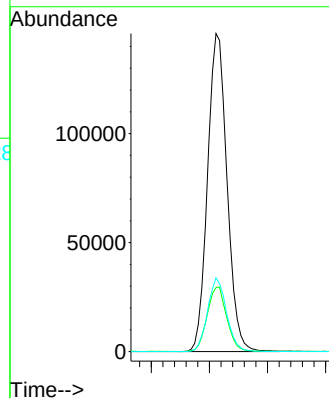
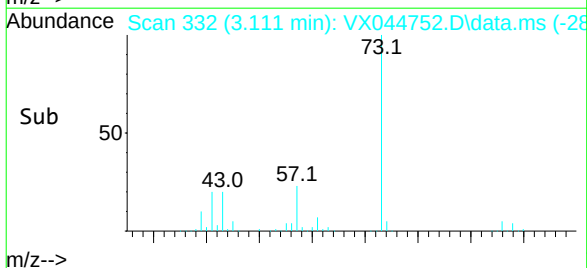
Tgt Ion: 96 Resp: 96775
Ion Ratio Lower Upper
96 100
61 136.1 98.3 182.7
98 62.7 44.1 81.9

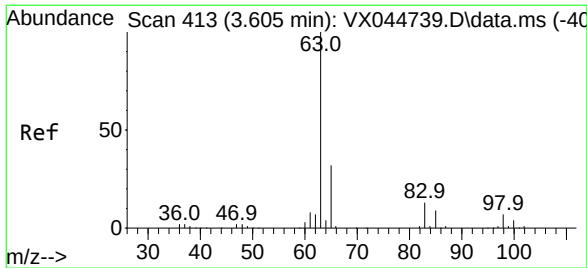


#18
Methyl tert-butyl Ether
Concen: 48.912 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17



Tgt Ion: 73 Resp: 339724
Ion Ratio Lower Upper
73 100
43 20.5 16.9 25.3
57 22.5 17.4 26.0





#19

1,1-Dichloroethane

Concen: 48.591 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

E2947MSD

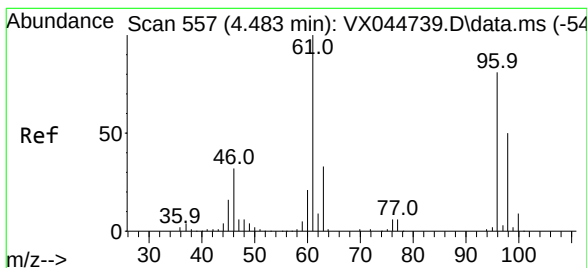
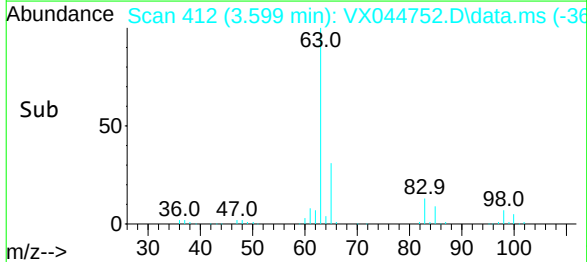
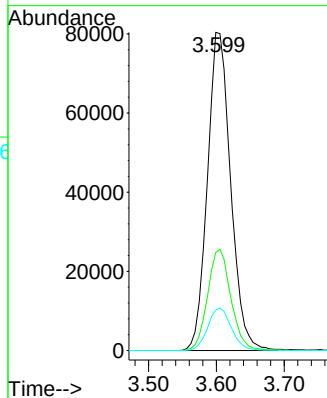
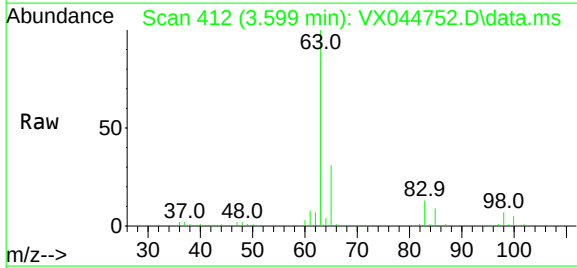
Tgt Ion: 63 Resp: 191404

Ion Ratio Lower Upper

63 100

65 30.8 21.8 40.6

83 12.7 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 47.874 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

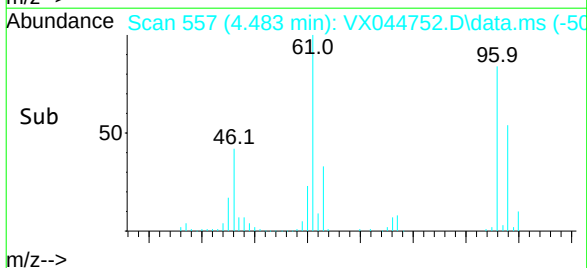
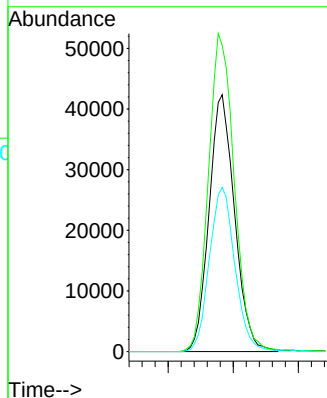
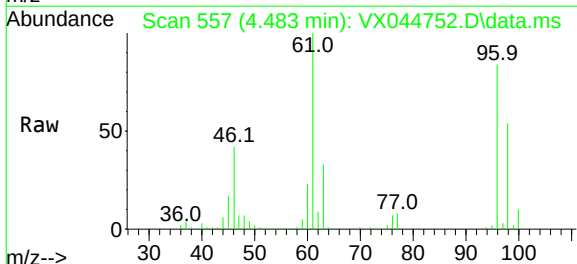
Tgt Ion: 96 Resp: 115448

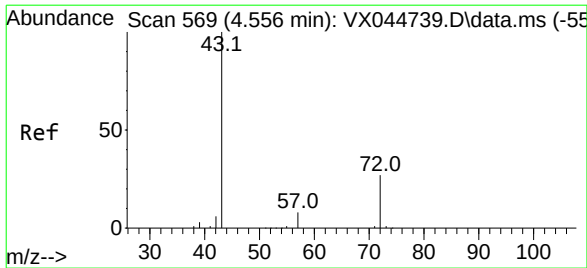
Ion Ratio Lower Upper

96 100

61 119.1 88.3 163.9

98 63.9 44.6 82.8

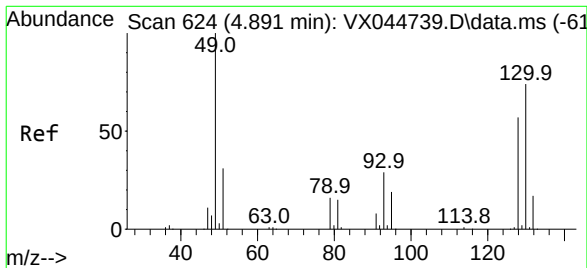
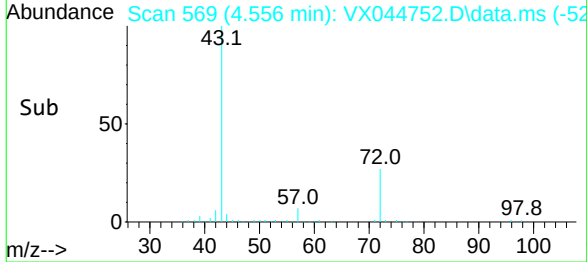
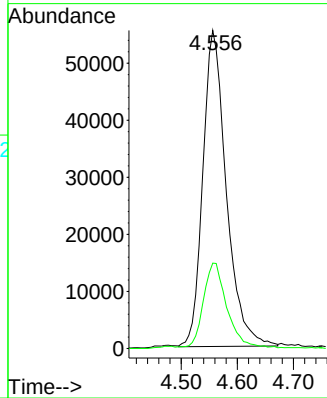
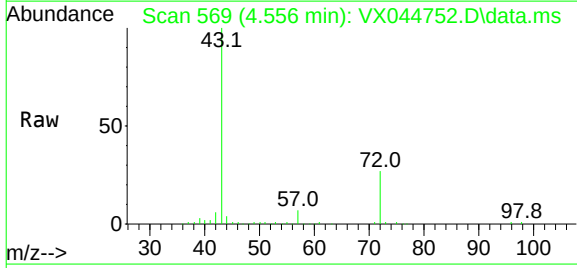




#22
2-Butanone
Concen: 98.092 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

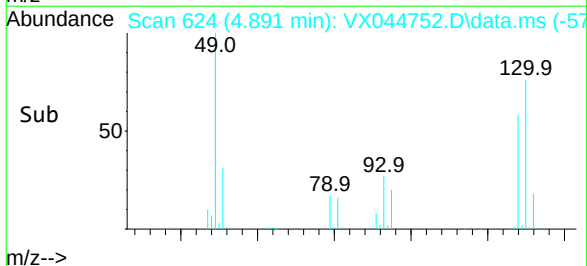
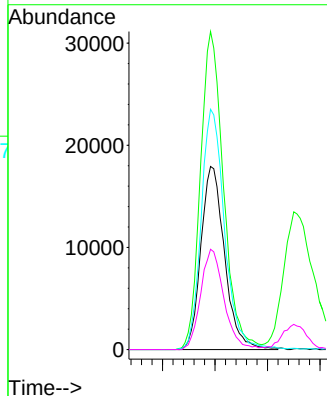
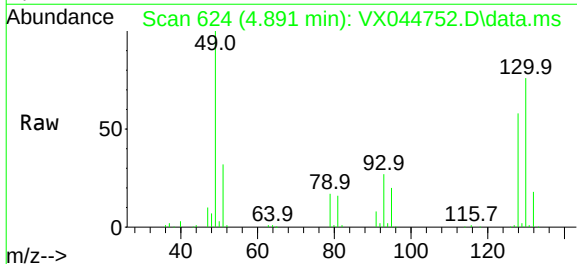
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

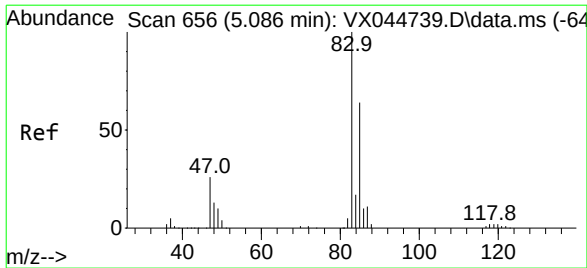
Tgt Ion: 43 Resp: 161278
Ion Ratio Lower Upper
43 100
72 26.8 13.4 40.2



#23
Bromochloromethane
Concen: 47.192 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 128 Resp: 56126
Ion Ratio Lower Upper
128 100
49 173.7 117.6 218.4
130 131.2 92.0 170.9
51 54.8 44.2 66.4





#25

Chloroform

Concen: 47.505 ug/L

RT: 5.087 min Scan# 65

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

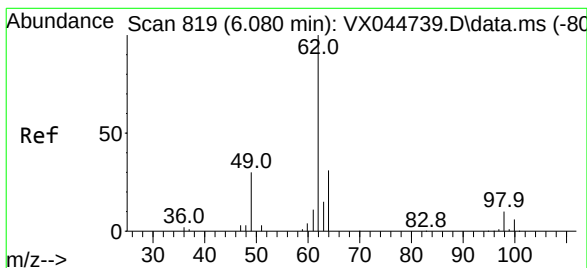
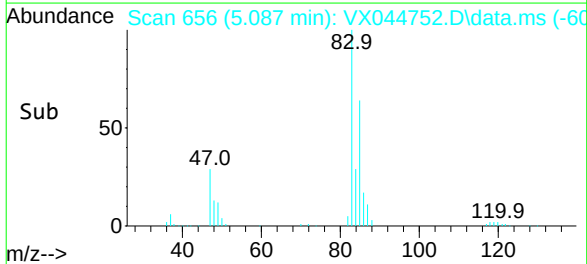
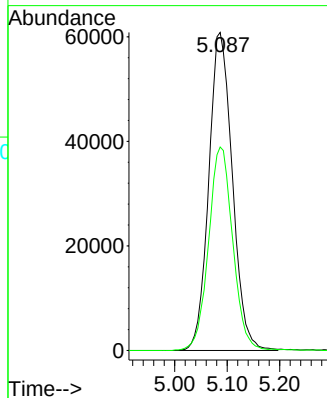
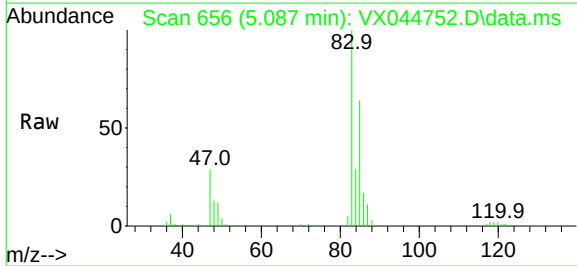
E2947MSD

Tgt Ion: 83 Resp: 189854

Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 48.315 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044752.D

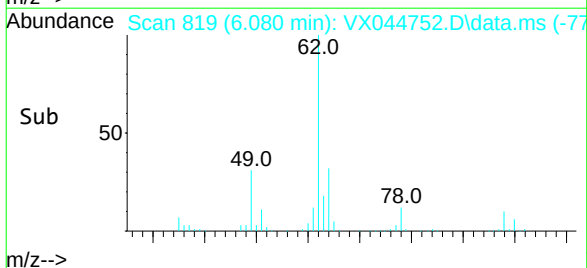
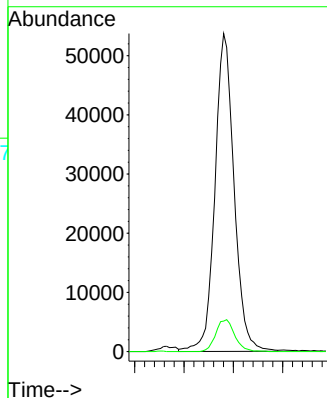
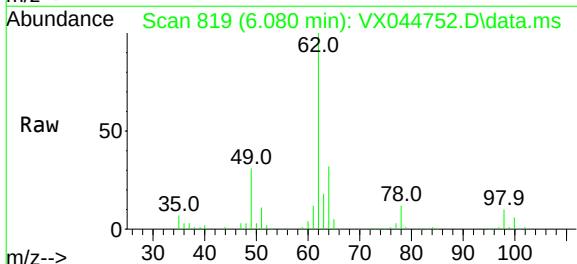
Acq: 28 Jan 2025 18:17

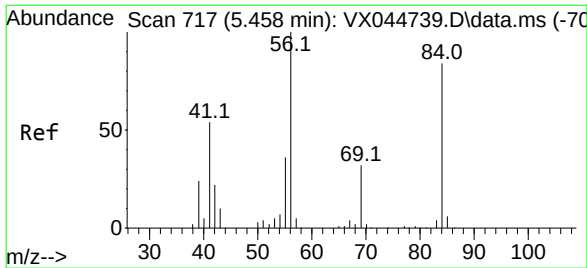
Tgt Ion: 62 Resp: 144864

Ion Ratio Lower Upper

62 100

98 9.6 7.4 11.2





#29

Cyclohexane

Concen: 46.270 ug/L

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

E2947MSD

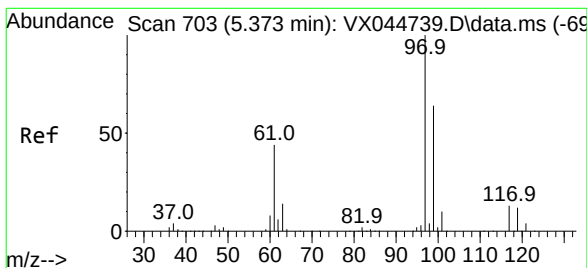
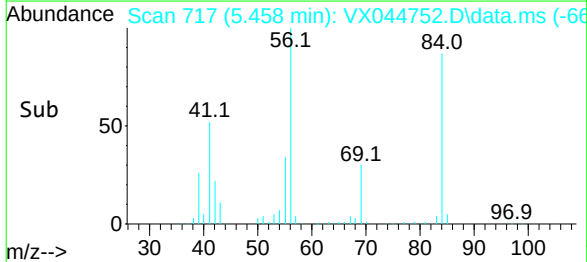
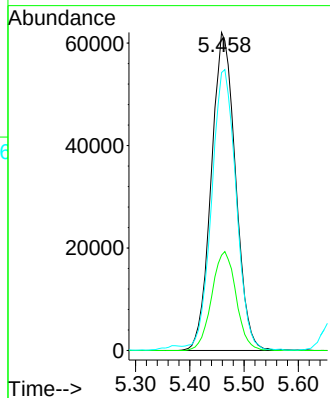
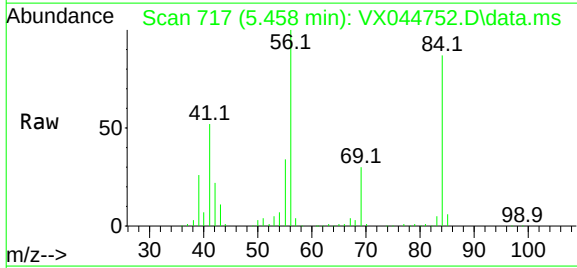
Tgt Ion: 56 Resp: 192324

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

84 88.8 71.6 107.4



#30

1,1,1-Trichloroethane

Concen: 47.403 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

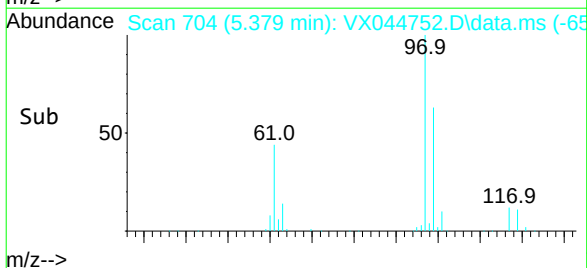
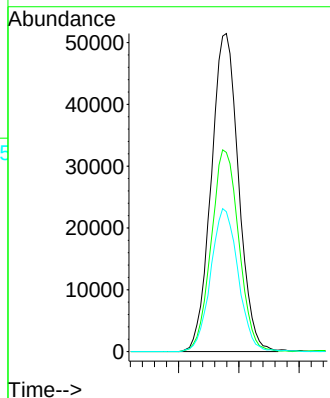
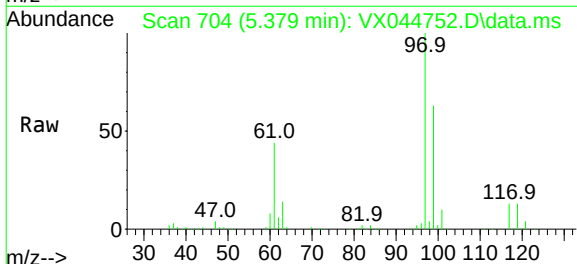
Tgt Ion: 97 Resp: 162390

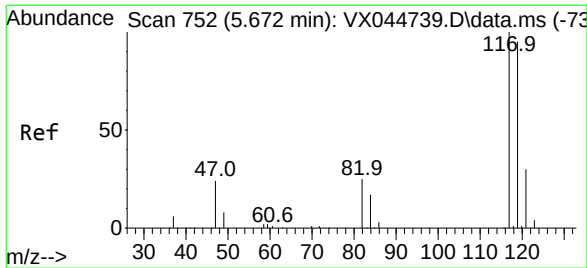
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 44.8 35.8 53.6





#31

Carbon tetrachloride

Concen: 46.939 ug/L

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

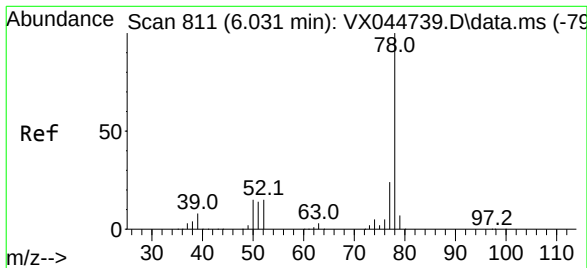
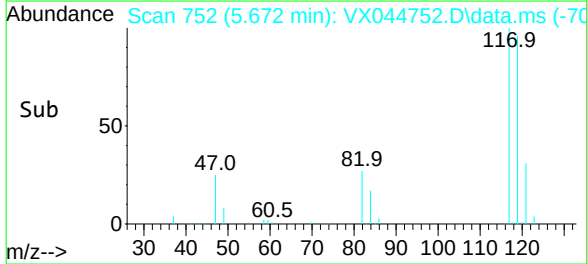
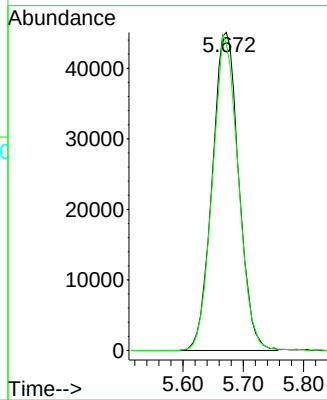
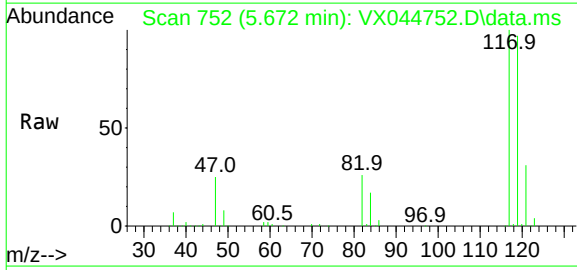
E2947MSD

Tgt Ion:117 Resp: 137899

Ion Ratio Lower Upper

117 100

119 96.4 77.1 115.7



#33

Benzene

Concen: 47.893 ug/L

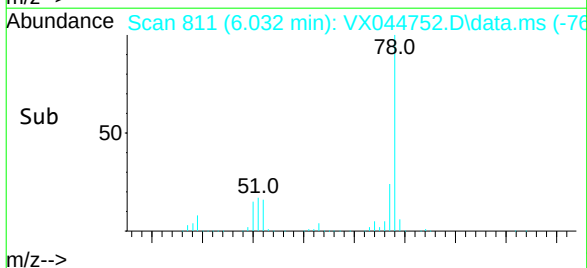
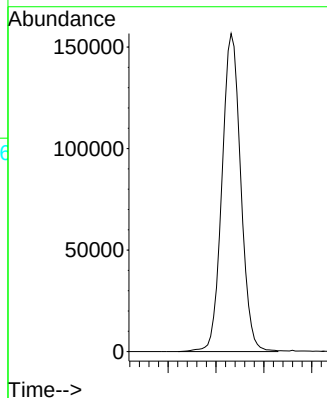
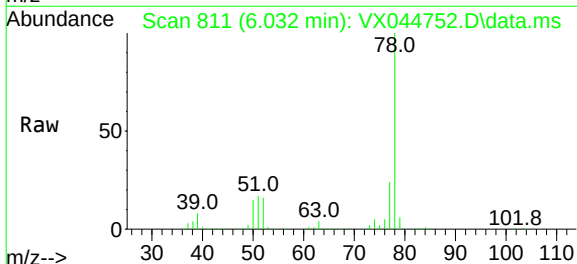
RT: 6.032 min Scan# 811

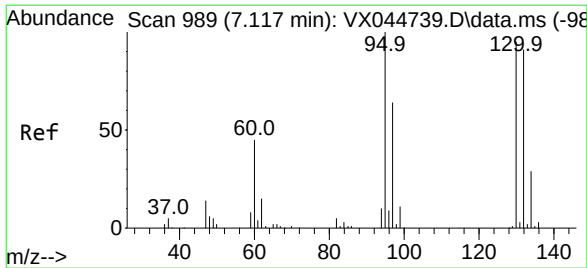
Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

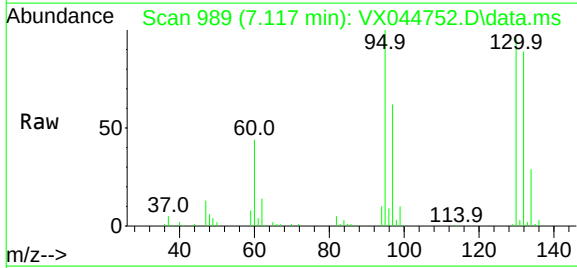
Tgt Ion: 78 Resp: 427372





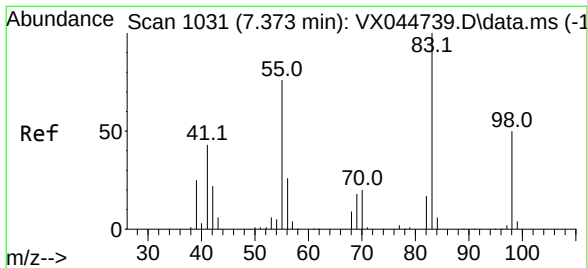
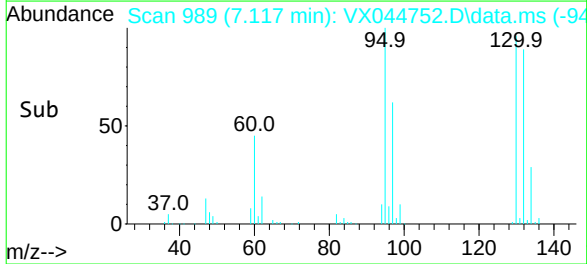
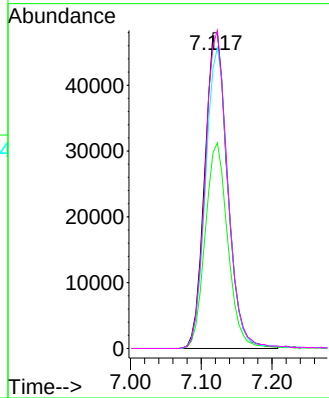
#34
Trichloroethene
Concen: 47.538 ug/L
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_X
ClientSampleId :
E2947MSD



Tgt Ion: 95 Resp: 107949

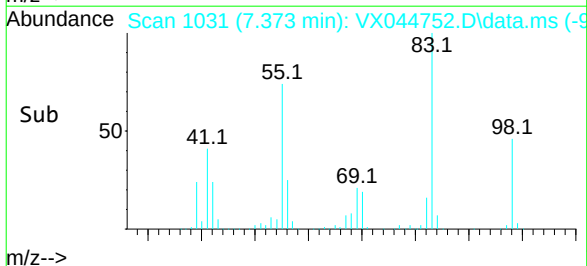
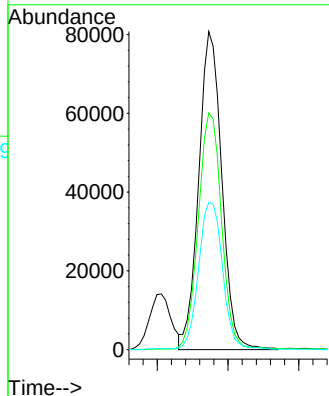
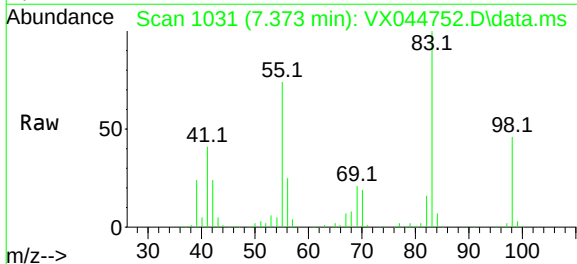
Ion	Ratio	Lower	Upper
95	100		
97	62.1	46.1	85.5
132	88.8	64.5	119.9
130	96.0	68.8	127.8

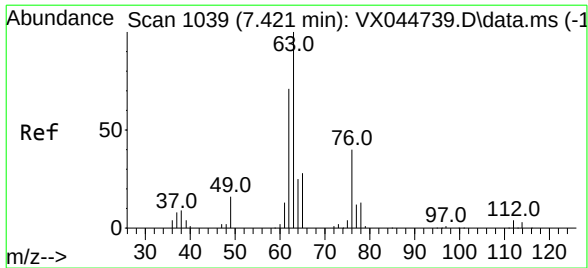


#35
Methylcyclohexane
Concen: 47.126 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 83 Resp: 183076

Ion	Ratio	Lower	Upper
83	100		
55	74.7	60.6	90.8
98	47.2	38.9	58.3

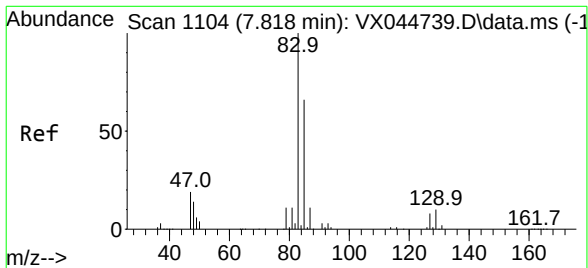
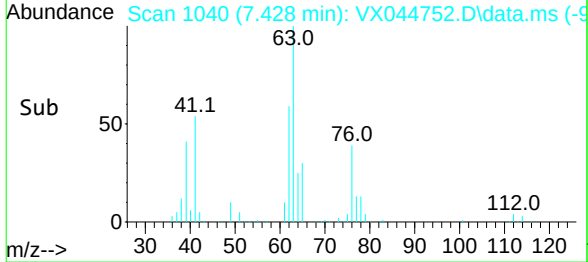
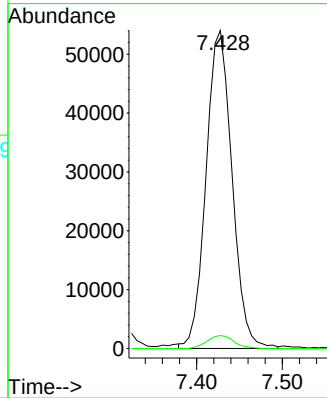
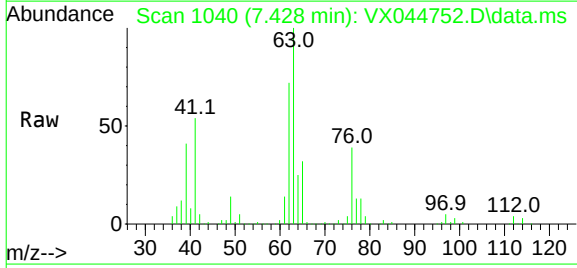




#37
1,2-Dichloropropane
Concen: 47.247 ug/L
RT: 7.428 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

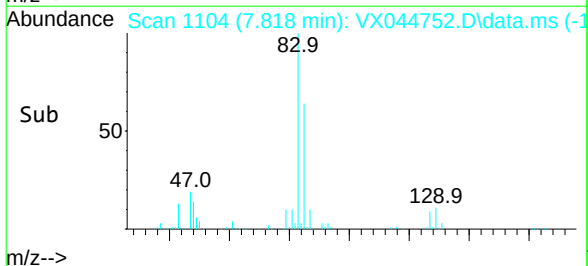
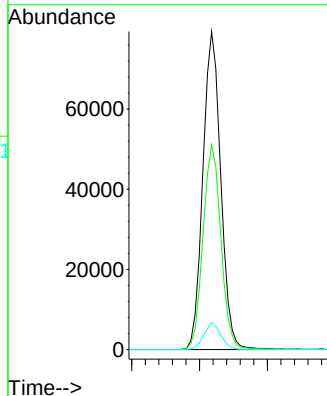
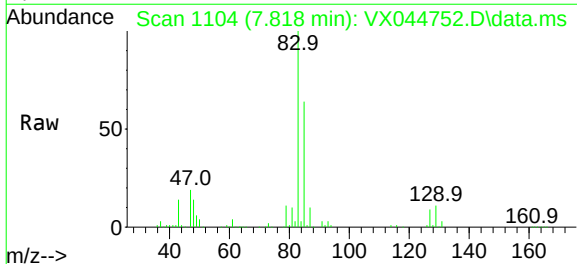
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

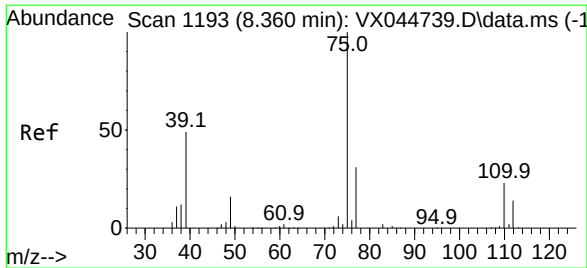
Tgt Ion: 63 Resp: 114038
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 47.940 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 83 Resp: 145221
Ion Ratio Lower Upper
83 100
85 64.4 43.8 81.3
127 8.5 6.5 9.7

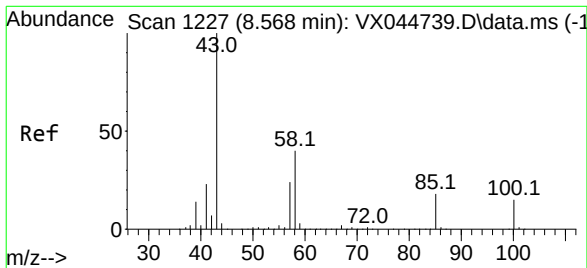
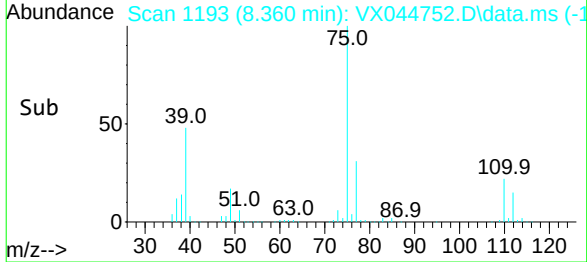
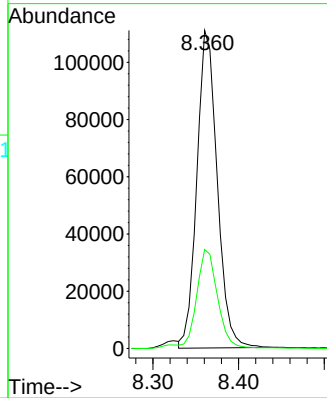
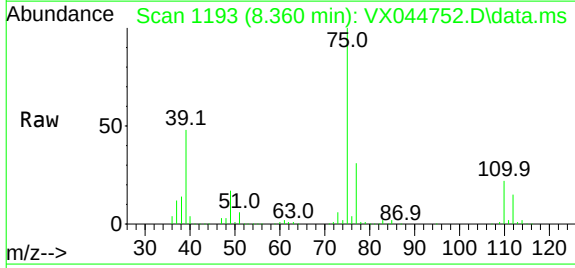




#39
cis-1,3-Dichloropropene
Concen: 46.686 ug/L
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

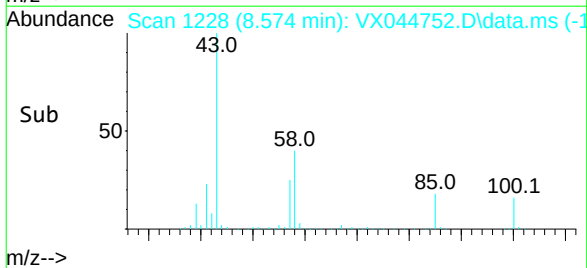
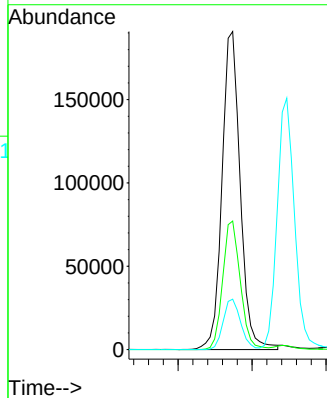
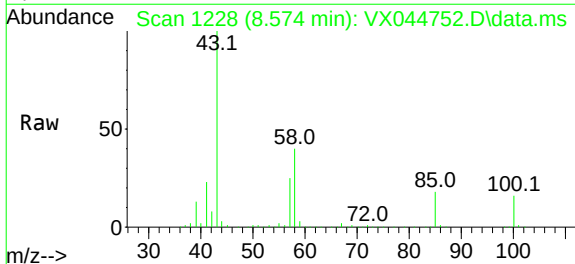
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

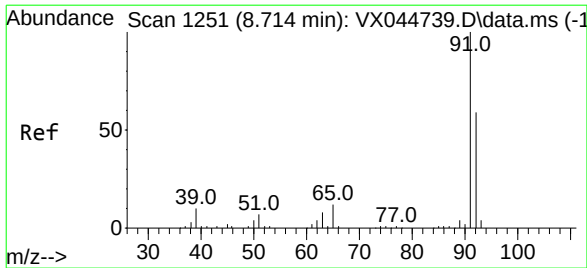
Tgt Ion: 75 Resp: 182940
Ion Ratio Lower Upper
75 100
77 31.1 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 102.243 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion: 43 Resp: 326231
Ion Ratio Lower Upper
43 100
58 39.2 32.1 48.1
100 15.3 12.9 19.3





#42

Toluene

Concen: 48.343 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

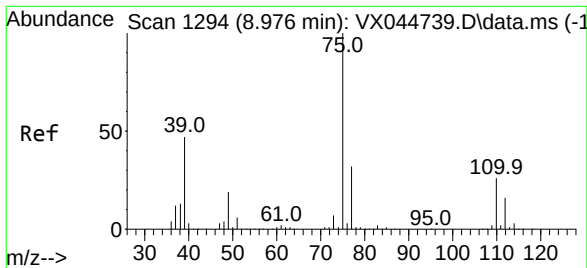
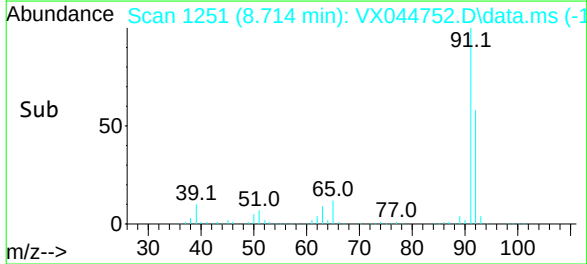
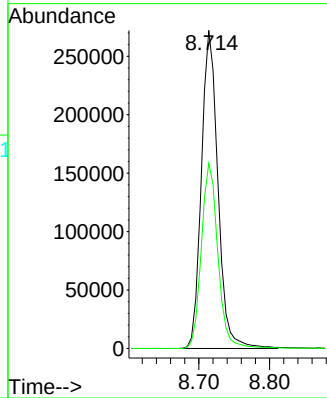
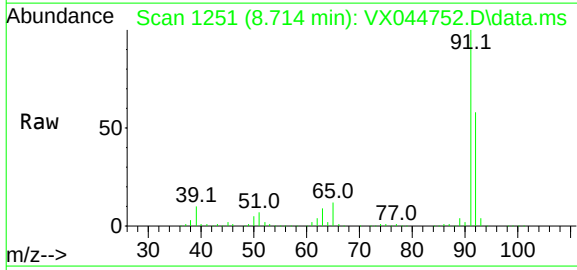
E2947MSD

Tgt Ion: 91 Resp: 442586

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 47.702 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044752.D

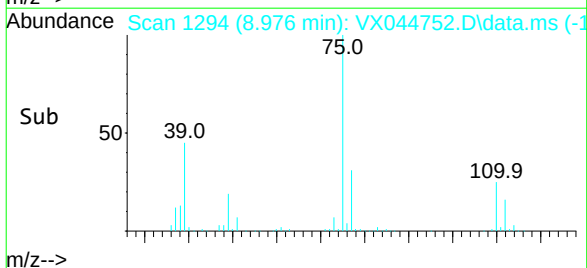
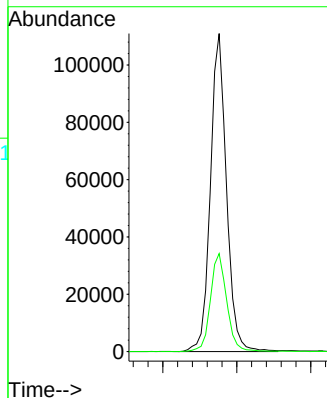
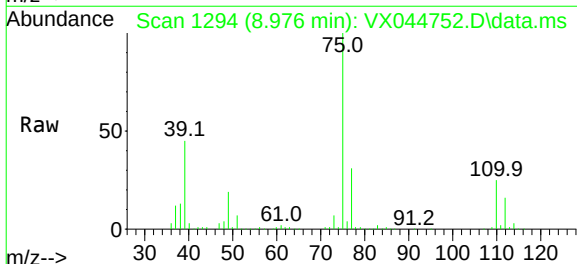
Acq: 28 Jan 2025 18:17

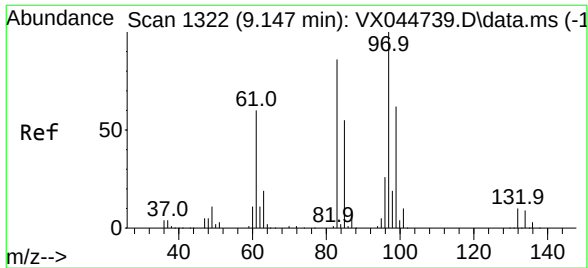
Tgt Ion: 75 Resp: 167338

Ion Ratio Lower Upper

75 100

77 30.8 22.4 41.6

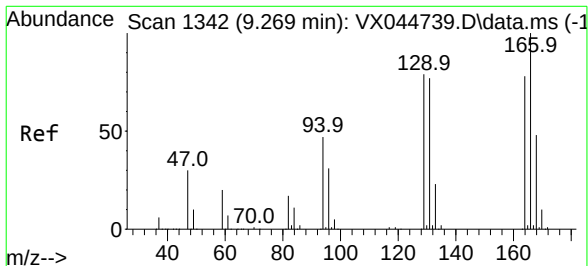
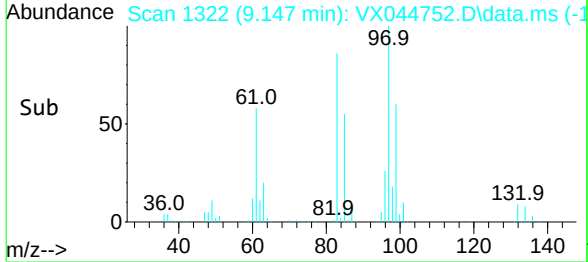
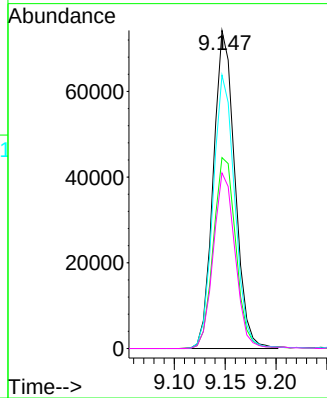
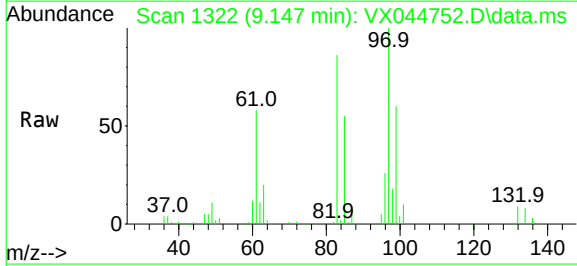




#45
1,1,2-Trichloroethane
Concen: 48.658 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

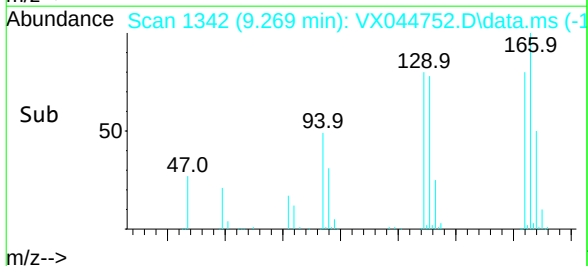
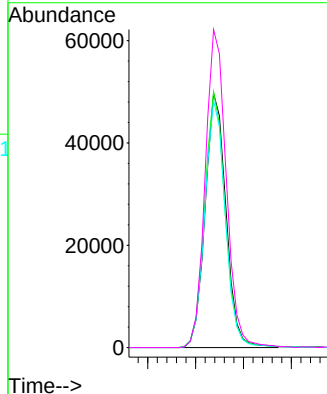
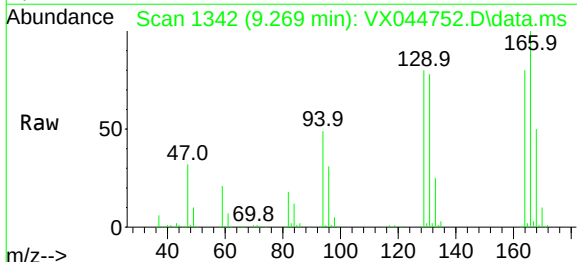
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

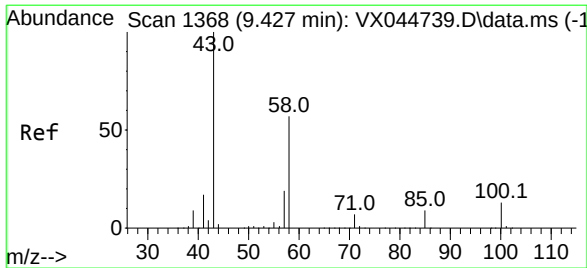
Tgt Ion:	97	Resp:	109622
Ion	Ratio	Lower	Upper
97	100		
99	60.0	44.8	83.2
83	86.0	60.8	113.0
85	55.2	39.3	72.9



#46
Tetrachloroethene
Concen: 46.688 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion:	164	Resp:	75287
Ion	Ratio	Lower	Upper
164	100		
129	100.7	71.2	132.2
131	97.2	67.2	124.8
166	125.1	90.0	167.2

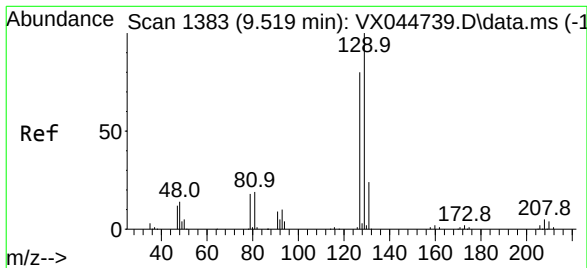
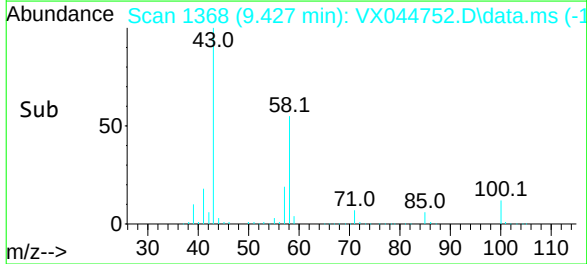
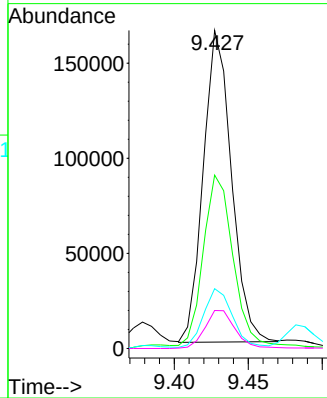
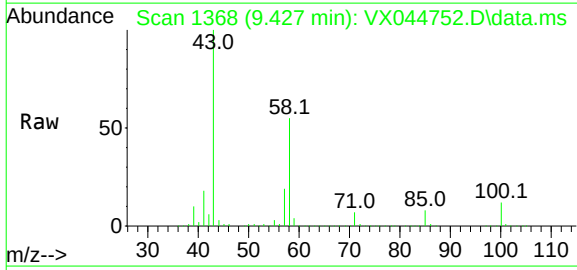




#48
2-Hexanone
Concen: 95.058 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

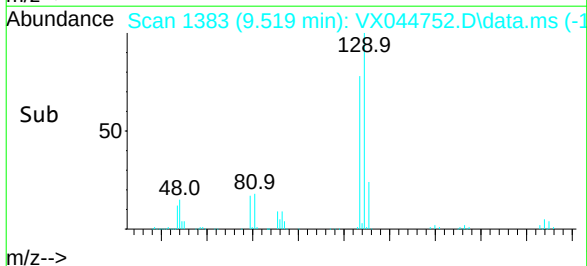
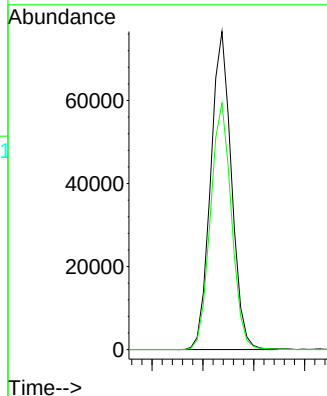
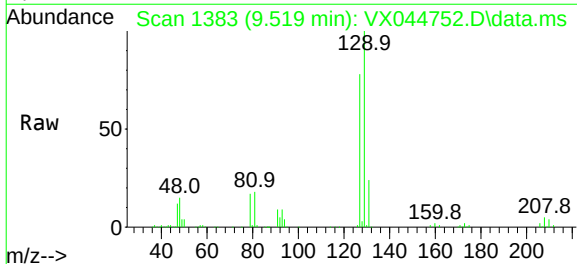
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

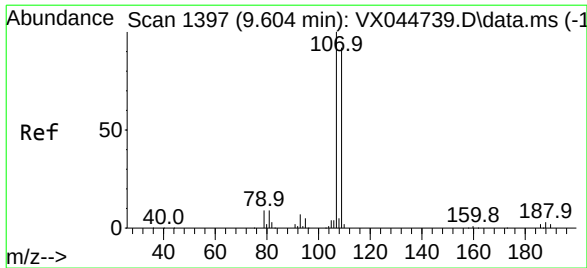
Tgt Ion:	43	Resp:	217331
Ion	Ratio	Lower	Upper
43	100		
58	59.9	44.3	66.5
57	20.1	15.9	23.9
100	13.4	10.1	15.1



#49
Dibromochloromethane
Concen: 47.844 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion:	129	Resp:	108707
Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.6	99.6

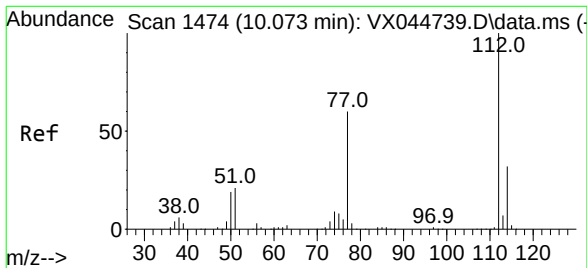
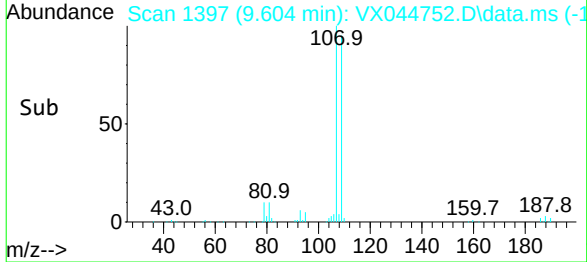
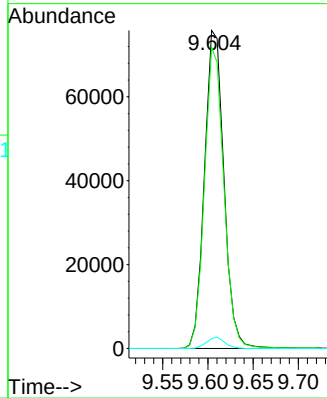
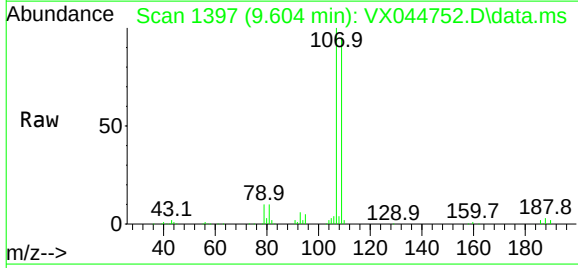




#50
1,2-Dibromoethane
Concen: 48.040 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

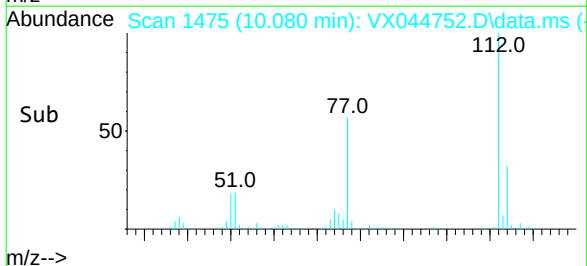
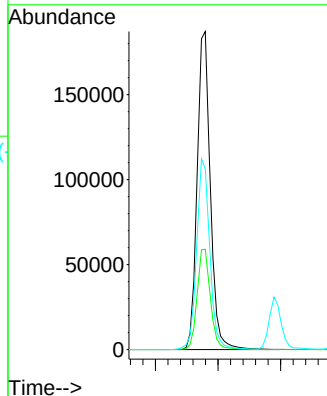
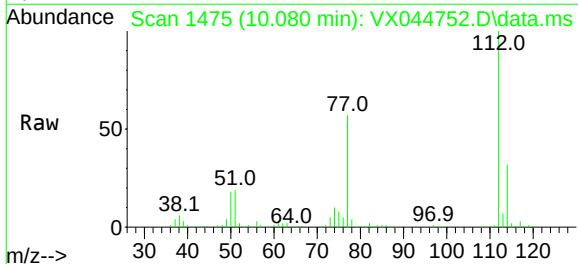
Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

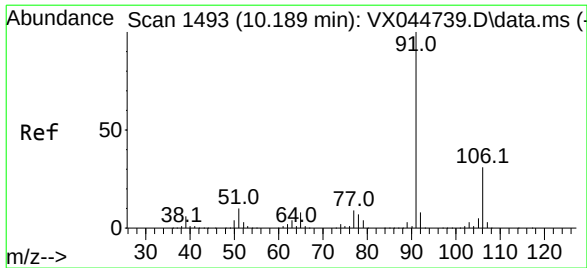
Tgt Ion:107 Resp: 113434
Ion Ratio Lower Upper
107 100
109 94.6 67.2 124.8
188 3.1 2.2 3.4



#51
Chlorobenzene
Concen: 47.969 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion:112 Resp: 274155
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 56.8 49.2 73.8





#52

Ethylbenzene

Concen: 47.958 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

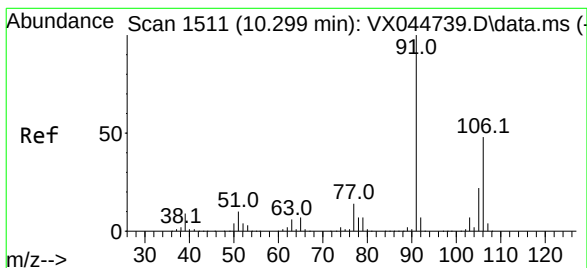
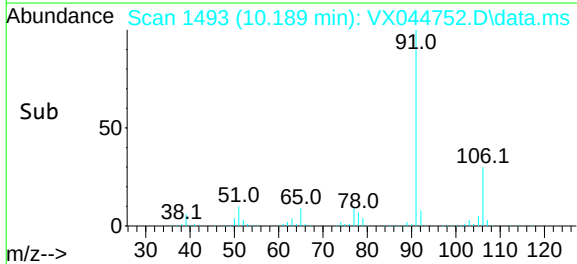
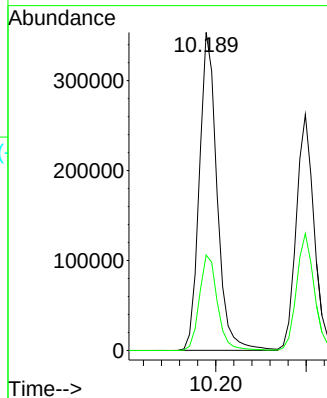
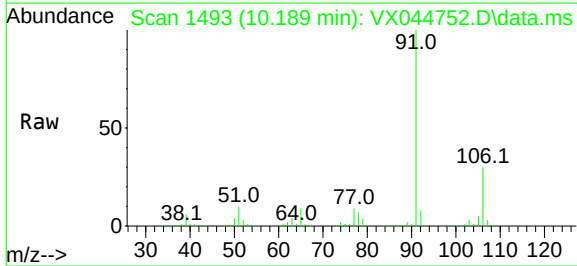
E2947MSD

Tgt Ion: 91 Resp: 479928

Ion Ratio Lower Upper

91 100

106 30.0 21.1 39.3



#53

m,p-Xylene

Concen: 48.012 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044752.D

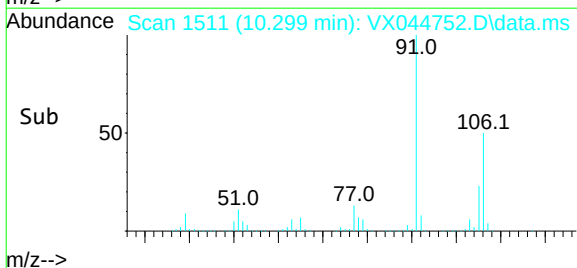
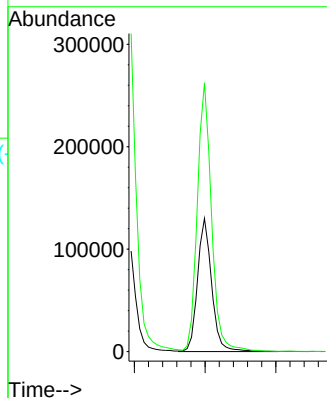
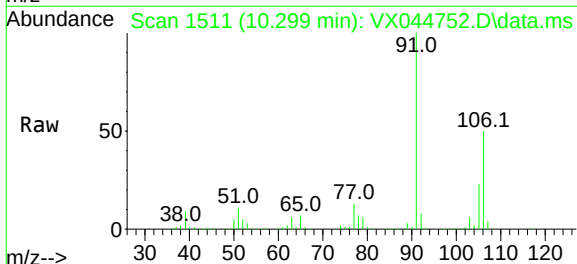
Acq: 28 Jan 2025 18:17

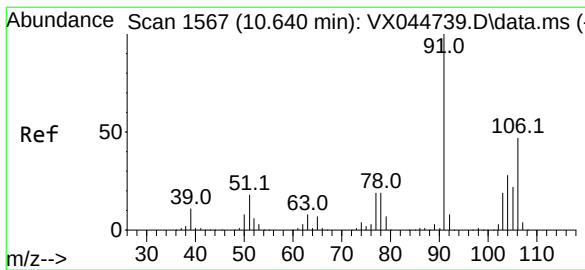
Tgt Ion: 106 Resp: 180378

Ion Ratio Lower Upper

106 100

91 201.7 145.2 269.6





#54

o-Xylene

Concen: 47.857 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

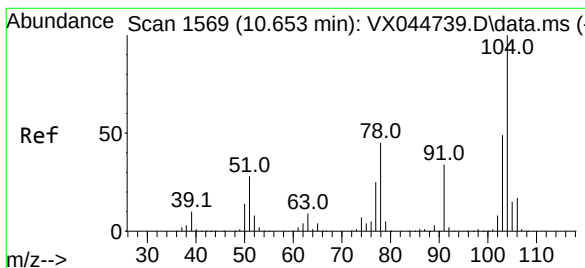
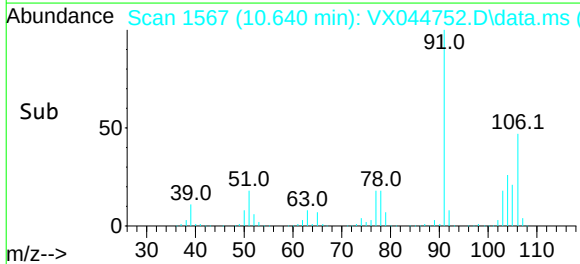
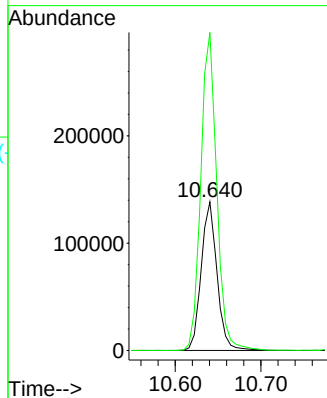
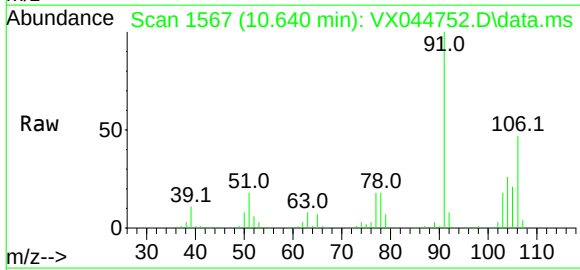
E2947MSD

Tgt Ion:106 Resp: 177223

Ion Ratio Lower Upper

106 100

91 214.0 153.2 284.4



#55

Styrene

Concen: 48.369 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044752.D

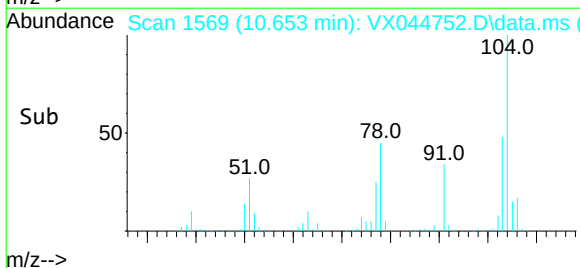
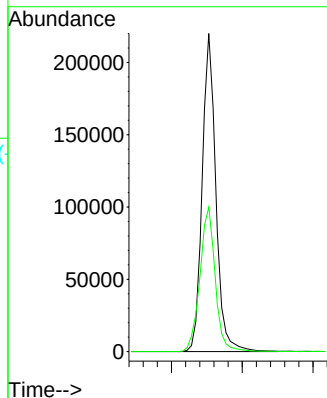
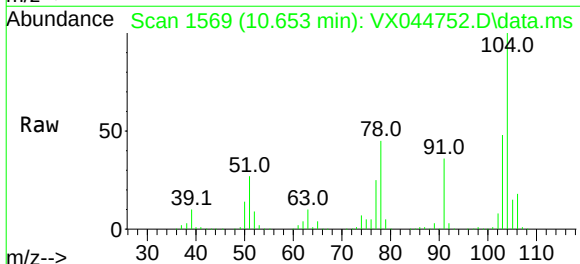
Acq: 28 Jan 2025 18:17

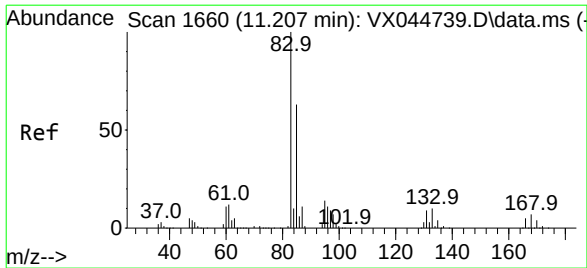
Tgt Ion:104 Resp: 295622

Ion Ratio Lower Upper

104 100

78 45.4 32.7 60.7





#57

1,1,2,2-Tetrachloroethane

Concen: 47.469 ug/L

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

E2947MSD

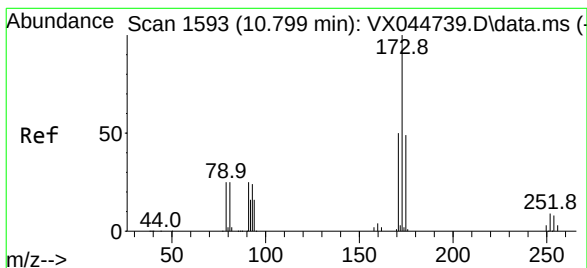
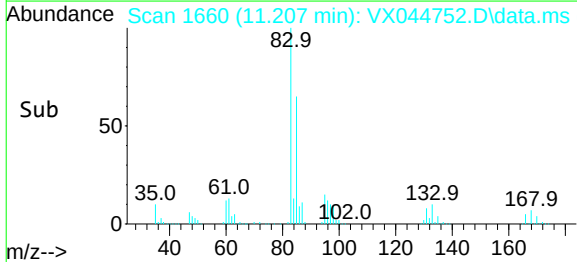
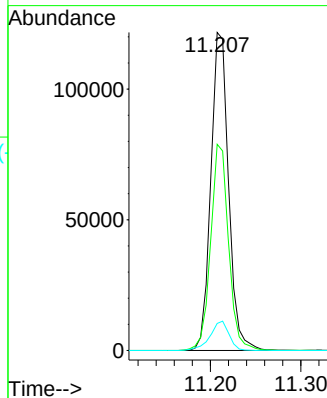
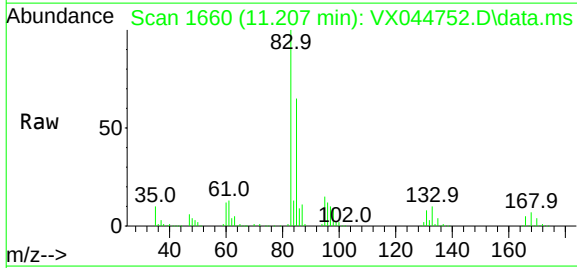
Tgt Ion: 83 Resp: 165927

Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.5

131 8.5 8.0 12.0



#59

Bromoform

Concen: 48.604 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

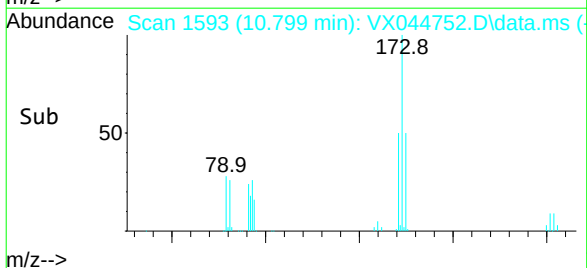
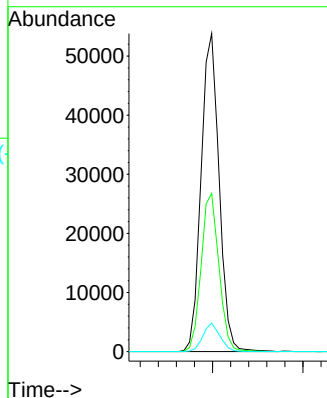
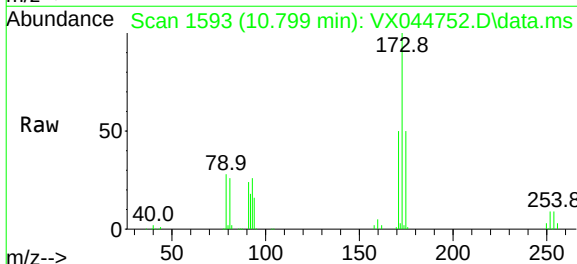
Tgt Ion: 173 Resp: 74461

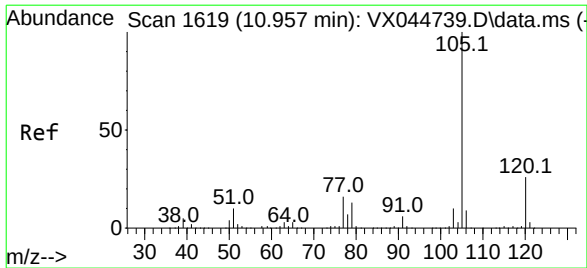
Ion Ratio Lower Upper

173 100

175 49.1 38.6 58.0

254 8.5 6.6 10.0





#60

Isopropylbenzene

Concen: 49.619 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

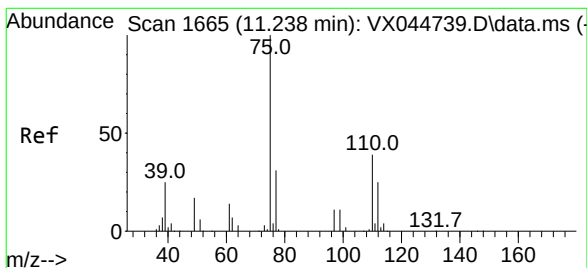
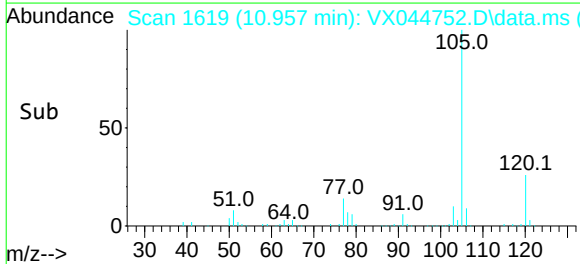
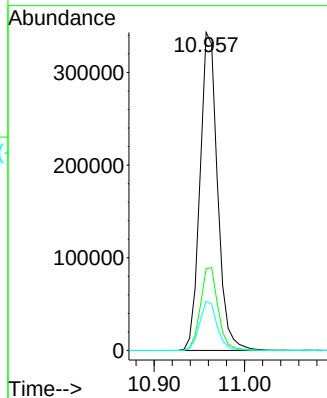
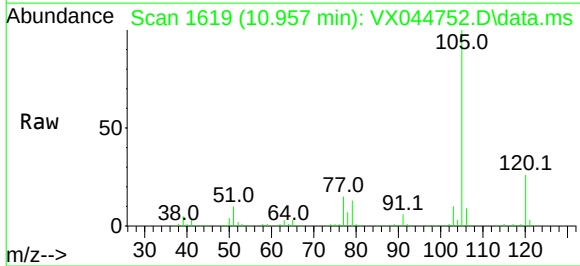
Instrument :

MSVOA_X

ClientSampleId :

E2947MSD

Tgt Ion:	105	Resp:	461508
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.9	31.3
77	15.5	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 48.757 ug/L

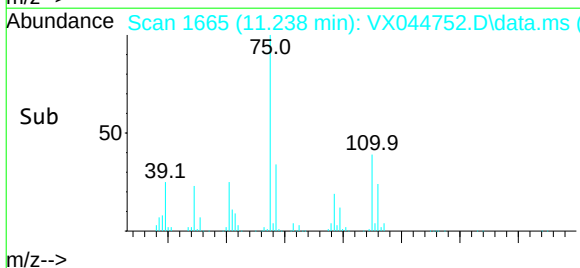
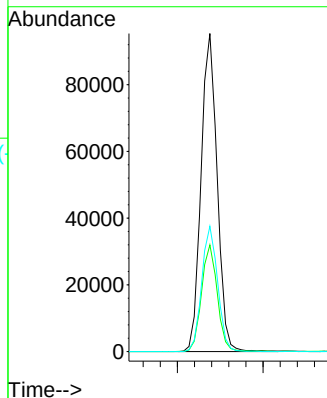
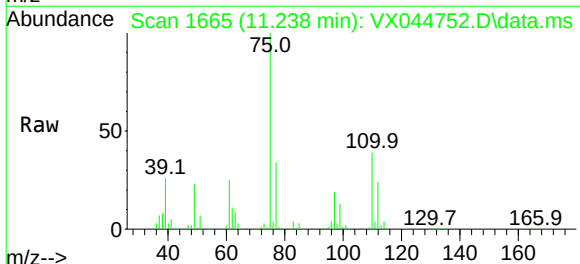
RT: 11.238 min Scan# 1665

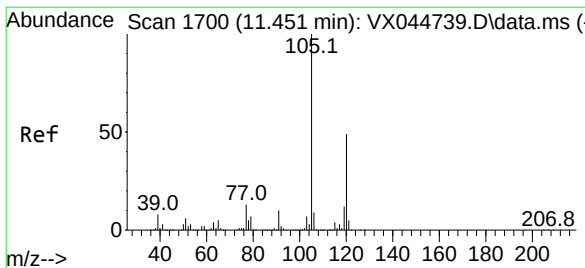
Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Tgt Ion:	75	Resp:	124665
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.6
110	38.9	30.8	46.2





#62

1,3,5-Trimethylbenzene

Concen: 49.399 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

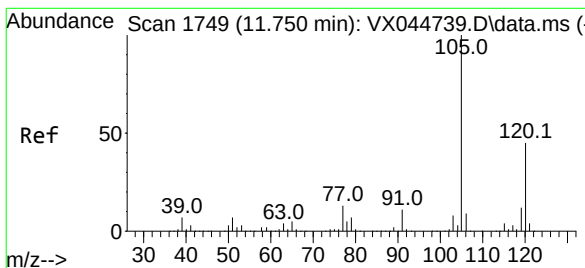
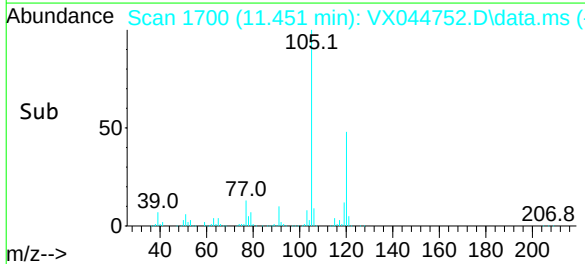
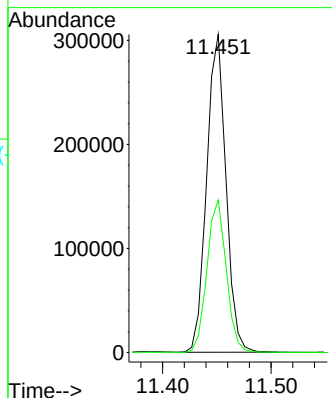
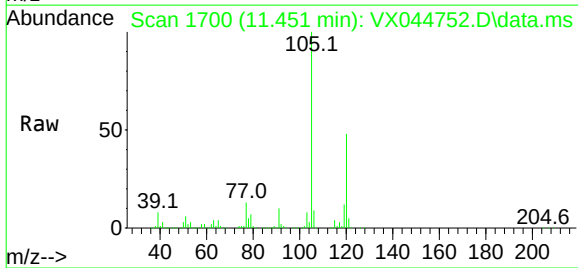
E2947MSD

Tgt Ion:105 Resp: 376929

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 48.901 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044752.D

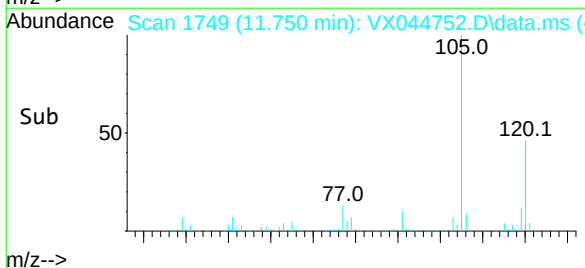
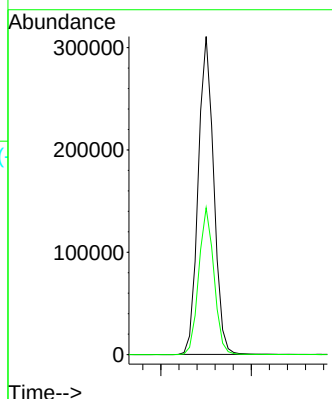
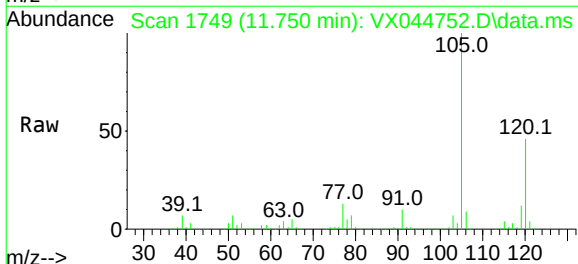
Acq: 28 Jan 2025 18:17

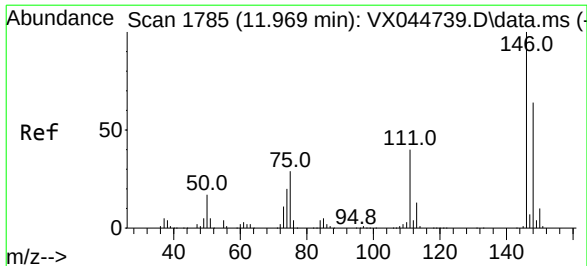
Tgt Ion:105 Resp: 369564

Ion Ratio Lower Upper

105 100

120 45.3 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 47.130 ug/L

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044752.D

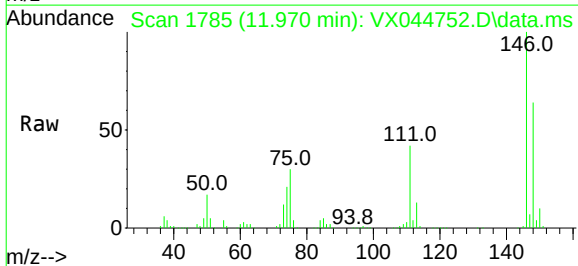
Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

E2947MSD



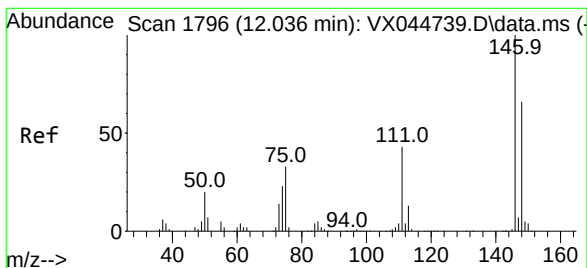
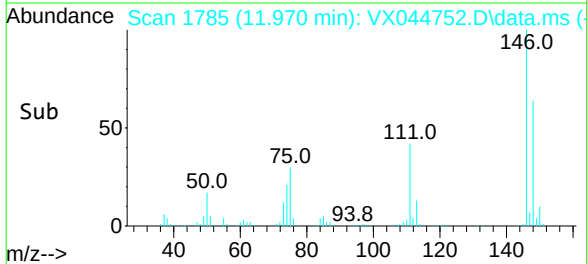
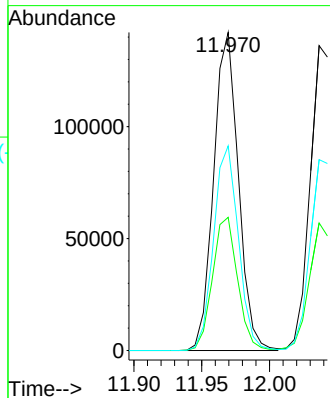
Tgt Ion:146 Resp: 180205

Ion Ratio Lower Upper

146 100

111 41.9 29.5 54.9

148 64.3 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 46.882 ug/L

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

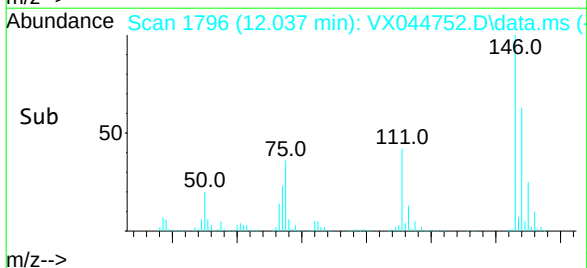
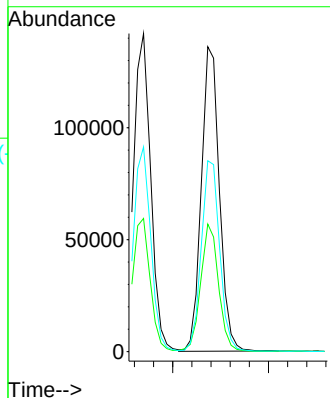
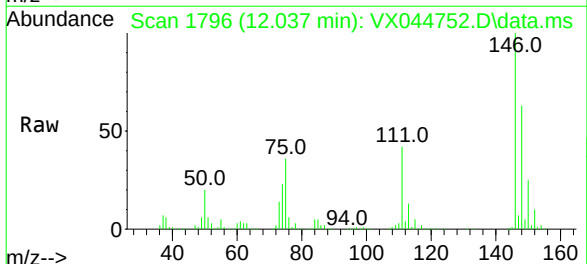
Tgt Ion:146 Resp: 178430

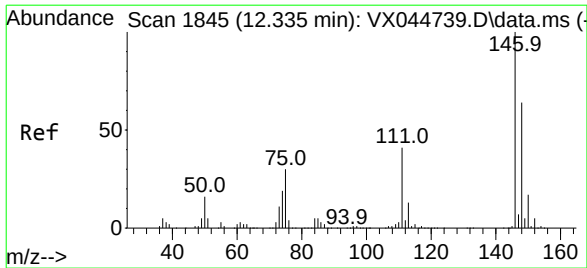
Ion Ratio Lower Upper

146 100

111 41.8 29.7 55.1

148 62.6 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 48.074 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044752.D

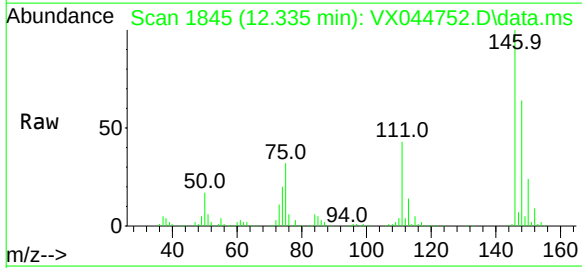
Acq: 28 Jan 2025 18:17

Instrument :

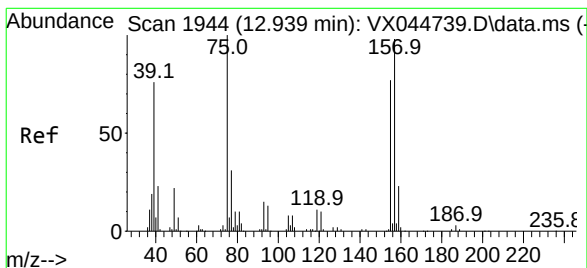
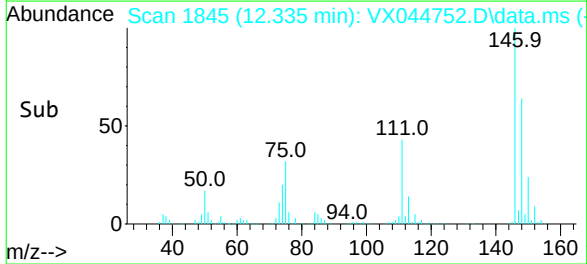
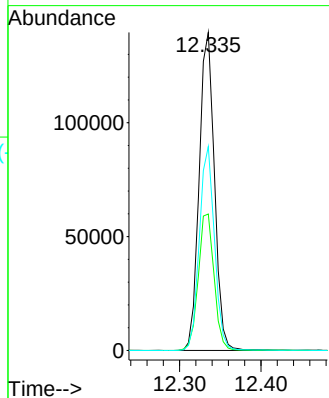
MSVOA_X

ClientSampleId :

E2947MSD



Tgt Ion:	146	Resp:	182241
Ion	Ratio	Lower	Upper
146	100		
111	42.9	36.1	54.1
148	64.1	51.5	77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 48.473 ug/L

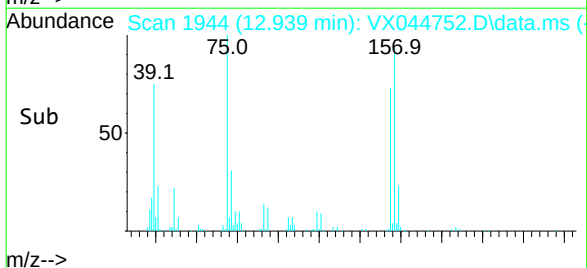
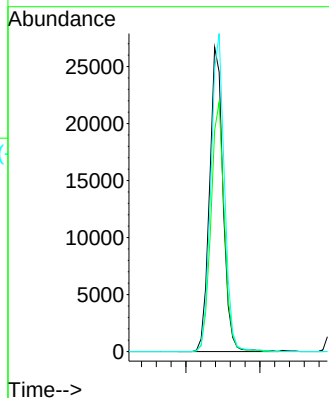
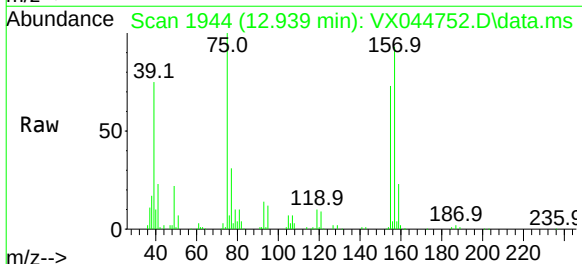
RT: 12.939 min Scan# 1944

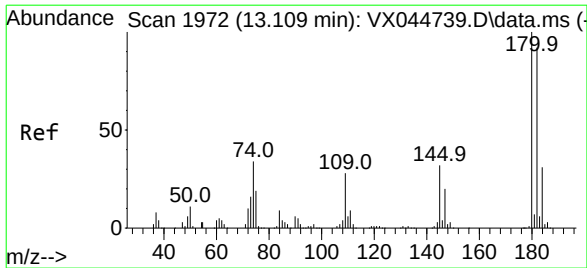
Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

Tgt Ion:	75	Resp:	33771
Ion	Ratio	Lower	Upper
75	100		
155	72.6	62.5	93.7
157	92.7	83.5	125.3





#69

1,3,5-Trichlorobenzene

Concen: 46.530 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX044752.D

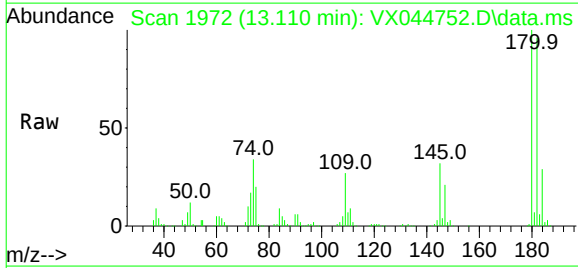
Acq: 28 Jan 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

E2947MSD



Tgt Ion:180 Resp: 116579

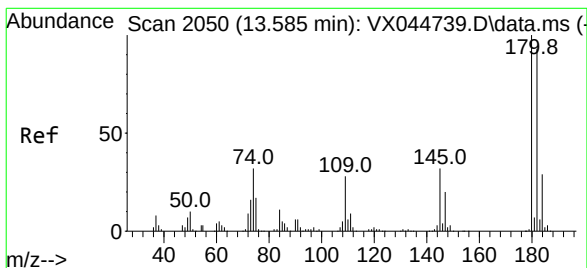
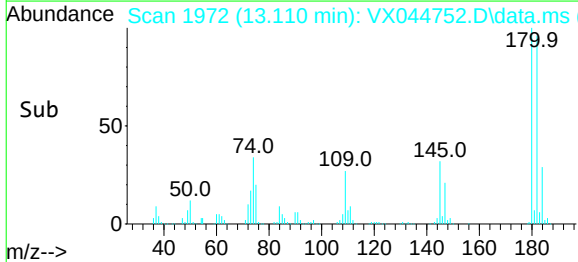
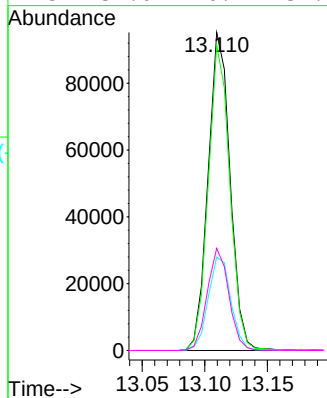
Ion Ratio Lower Upper

180 100

182 93.9 77.0 115.6

184 30.3 24.0 36.0

145 31.6 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 47.410 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044752.D

Acq: 28 Jan 2025 18:17

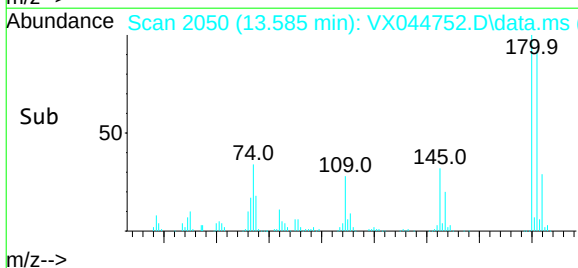
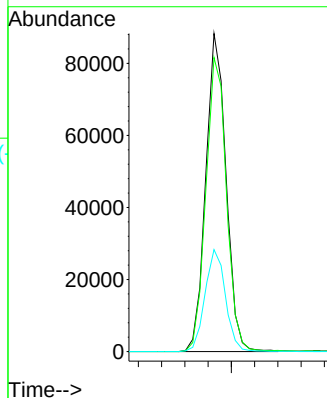
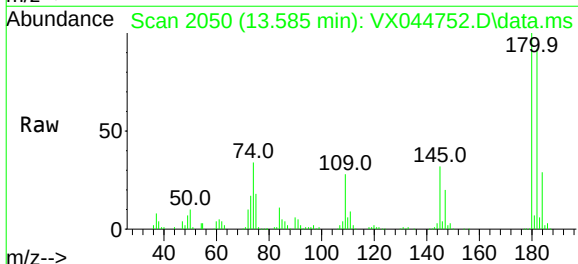
Tgt Ion:180 Resp: 107089

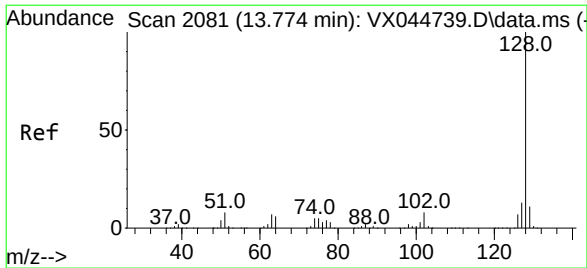
Ion Ratio Lower Upper

180 100

182 93.6 76.5 114.7

145 32.4 27.0 40.4

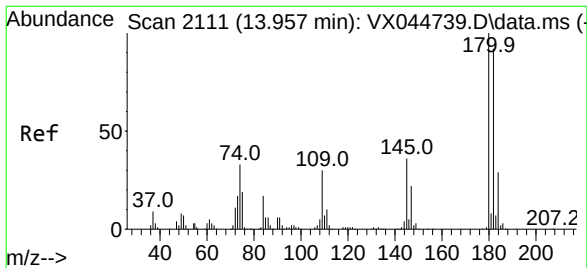
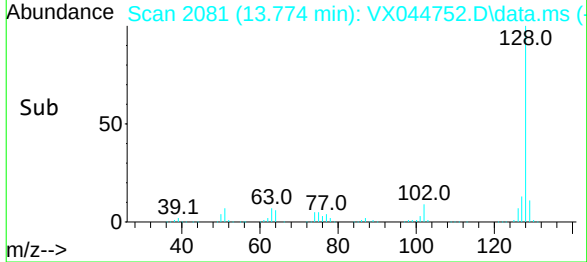
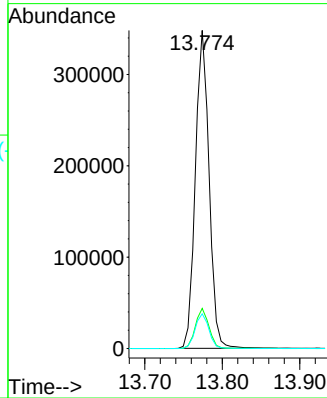
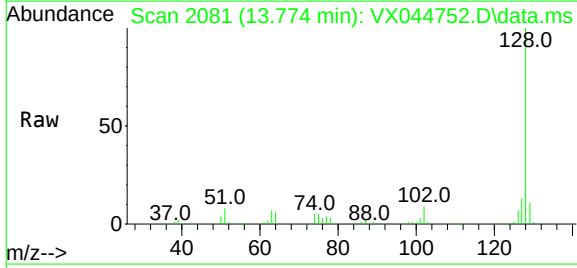




#71
Naphthalene
Concen: 48.668 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Instrument :
MSVOA_X
ClientSampleId :
E2947MSD

Tgt Ion:128 Resp: 426342
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.070 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044752.D
Acq: 28 Jan 2025 18:17

Tgt Ion:180 Resp: 107811
Ion Ratio Lower Upper
180 100
182 94.9 77.1 115.7
145 34.2 28.3 42.5

