

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122724\
 Data File : VX044522.D
 Acq On : 27 Dec 2024 15:44
 Operator : JC/MD
 Sample : P5326-02MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YE680MS

Quant Time: Dec 27 22:15:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 22:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	212723	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190593	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	93070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88377	45.399	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.800%
7) Chloroethane-d5	1.642	69	66013	43.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.560%
11) 1,1-Dichloroethene-d2	2.294	65	36391	43.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.420%
21) 2-Butanone-d5	4.459	46	105707	88.692	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.690%
24) Chloroform-d	5.050	84	176227	47.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	5.952	65	114499	43.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.620%
32) Benzene-d6	5.964	84	317733	48.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
36) 1,2-Dichloropropane-d6	7.306	67	97333	47.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.200%
41) Toluene-d8	8.647	98	288249	47.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.680%
43) trans-1,3-Dichloroprop...	8.952	79	44086	44.863	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.720%
47) 2-Hexanone-d5	9.385	63	75314	94.460	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.460%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	133000	48.506	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.020%
66) 1,2-Dichlorobenzene-d4	12.317	152	105098	48.466	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.940%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	73501	42.607	ug/L	98
3) Chloromethane	1.295	50	72194	45.364	ug/L	99
5) Vinyl chloride	1.374	62	75905	44.209	ug/L	94
6) Bromomethane	1.593	94	50841	43.566	ug/L	98
8) Chloroethane	1.660	64	53496	47.064	ug/L	96
9) Trichlorofluoromethane	1.868	101	130731	40.865	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	67371	47.818	ug/L	97
12) 1,1-Dichloroethene	2.307	96	59761	47.655	ug/L	# 74
13) Acetone	2.386	43	70223	66.215	ug/L	93
14) Carbon disulfide	2.502	76	90845	38.241	ug/L	98
15) Methyl Acetate	2.703	43	73406	42.684	ug/L	99
16) Methylene chloride	2.782	84	74270	51.466	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	61861	47.364	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	245689	46.619	ug/L	97
19) 1,1-Dichloroethane	3.599	63	131312	47.925	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	78691	49.285	ug/L	97
22) 2-Butanone	4.562	43	106711	83.367	ug/L	98
23) Bromochloromethane	4.898	128	42320	54.351	ug/L	93
25) Chloroform	5.087	83	155270	50.351	ug/L	94

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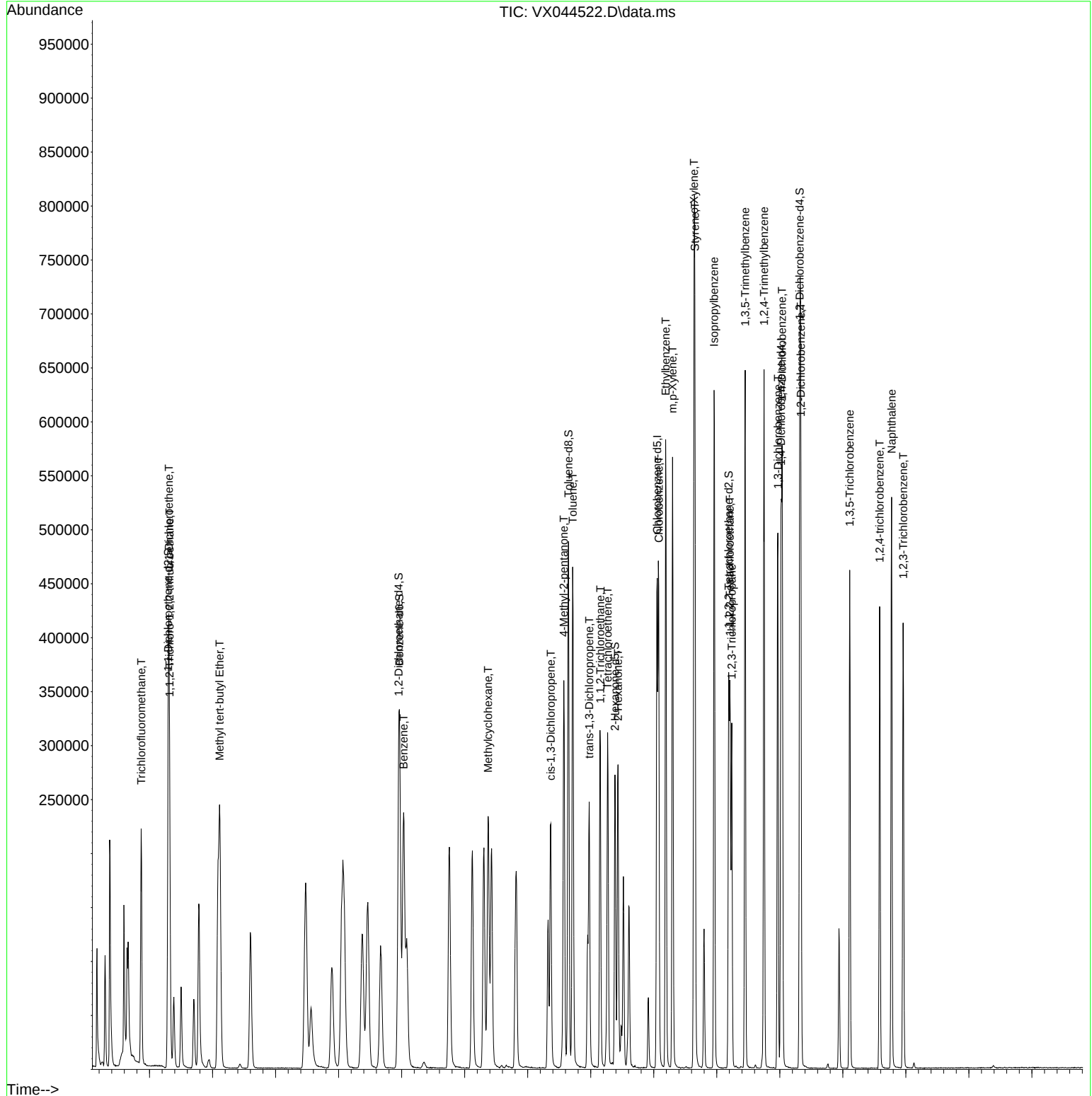
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	120437	46.978	ug/L	98
29) Cyclohexane	5.465	56	101400	42.879	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	118912	45.961	ug/L	97
31) Carbon tetrachloride	5.672	117	94528	46.646	ug/L	99
33) Benzene	6.031	78	281589	48.652	ug/L	100
34) Trichloroethene	7.123	95	76378	48.336	ug/L	96
35) Methylcyclohexane	7.373	83	103740	45.319	ug/L	99
37) 1,2-Dichloropropane	7.428	63	75482	48.569	ug/L	99
38) Bromodichloromethane	7.818	83	97239	47.757	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	119345	49.029	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	220609	91.691	ug/L	95
42) Toluene	8.714	91	301250	49.123	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	108944	47.219	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	80356	50.455	ug/L	98
46) Tetrachloroethene	9.269	164	55218	52.385	ug/L	96
48) 2-Hexanone	9.433	43	159047	83.956	ug/L	97
49) Dibromochloromethane	9.519	129	71356	50.689	ug/L	99
50) 1,2-Dibromoethane	9.610	107	80565	48.984	ug/L	98
51) Chlorobenzene	10.080	112	195729	49.748	ug/L	96
52) Ethylbenzene	10.189	91	334107	49.460	ug/L	97
53) m,p-Xylene	10.299	106	124935	51.062	ug/L	97
54) o-Xylene	10.640	106	123765	49.191	ug/L	96
55) Styrene	10.653	104	209980	51.171	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	121630	49.231	ug/L	99
59) Bromoform	10.799	173	44244	47.378	ug/L	96
60) Isopropylbenzene	10.957	105	329130	45.829	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	91521	42.457	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	270091	45.317	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	266846	45.621	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	150459	50.516	ug/L	98
65) 1,4-Dichlorobenzene	12.037	146	155933	52.318	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	156349	51.700	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	23868	48.719	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	99626	53.612	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	90812	54.862	ug/L	97
71) Naphthalene	13.774	128	313514	46.457	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	90981	51.740	ug/L	98

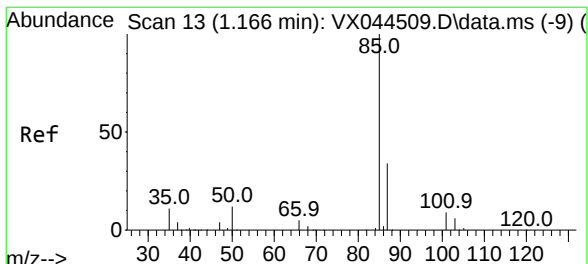
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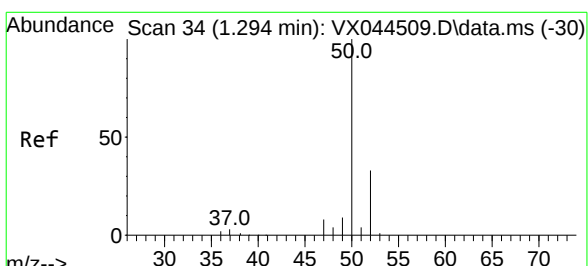
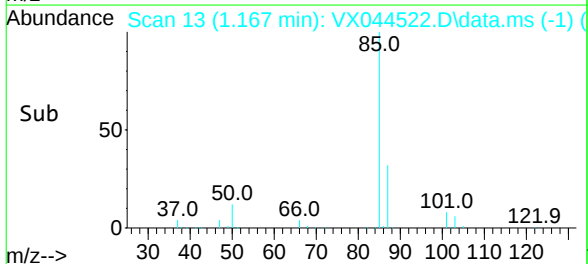
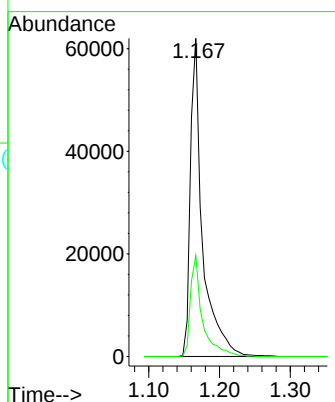
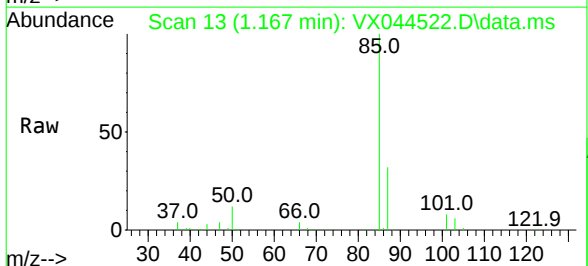




#2
 Dichlorodifluoromethane
 Concen: 42.607 ug/L
 RT: 1.167 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX044522.D
 Acq: 27 Dec 2024 15:44

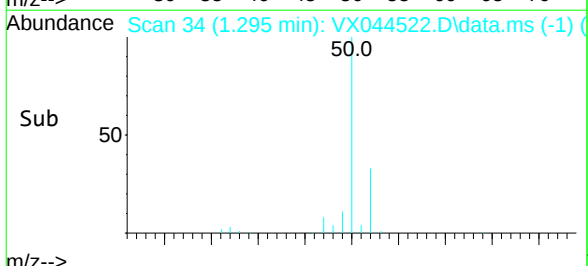
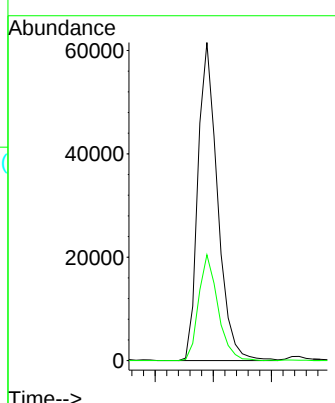
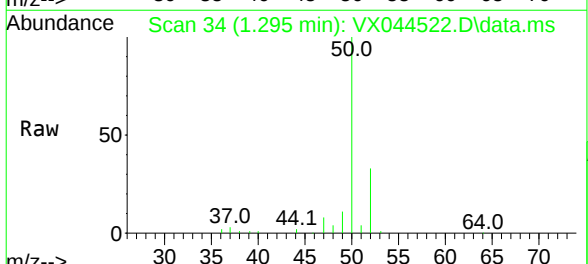
Instrument :
 MSVOA_X
 ClientSampleId :
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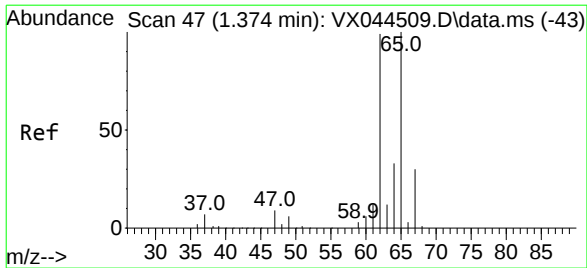
Tgt Ion:	85	Resp:	73501
Ion	Ratio	Lower	Upper
85	100		
87	31.5	26.1	39.1



#3
 Chloromethane
 Concen: 45.364 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX044522.D
 Acq: 27 Dec 2024 15:44

Tgt Ion:	50	Resp:	72194
Ion	Ratio	Lower	Upper
50	100		
52	33.3	23.9	44.3

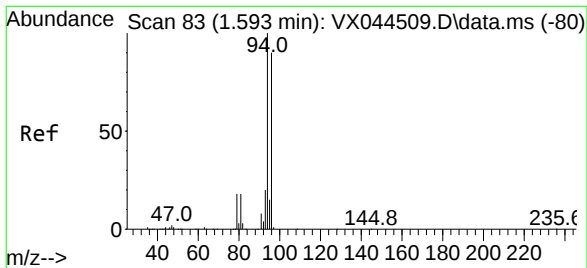
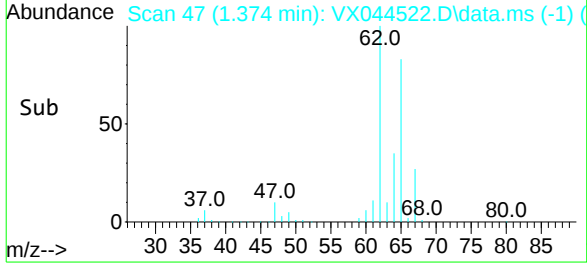
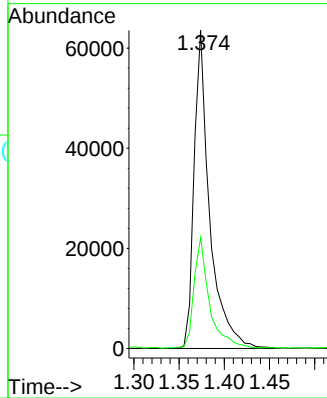
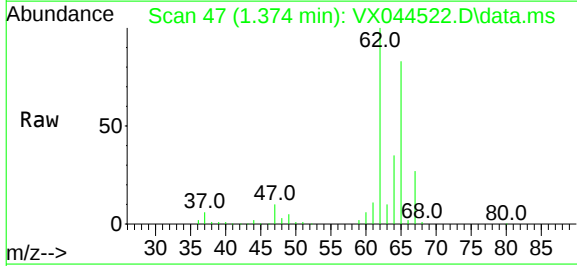




#5
 Vinyl chloride
 Concen: 44.209 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX044522.D
 Acq: 27 Dec 2024 15:44

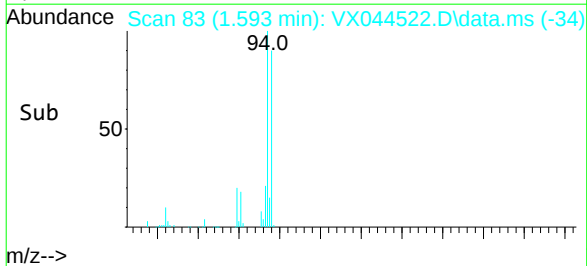
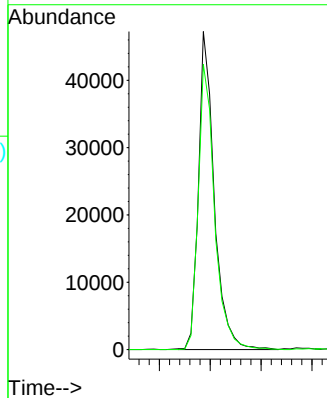
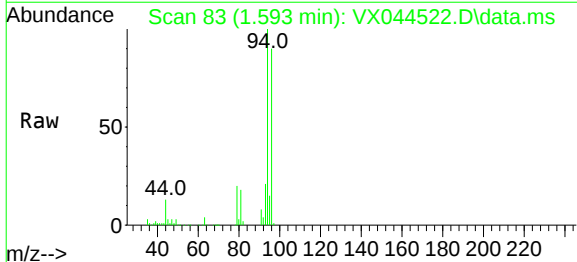
Instrument :
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 ClientSampleId :
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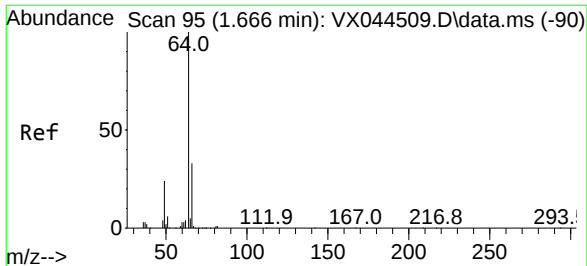
Tgt Ion: 62 Resp: 75905
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.2 41.2



#6
 Bromomethane
 Concen: 43.566 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044522.D
 Acq: 27 Dec 2024 15:44

Tgt Ion: 94 Resp: 50841
 Ion Ratio Lower Upper
 94 100
 96 89.7 64.2 119.2

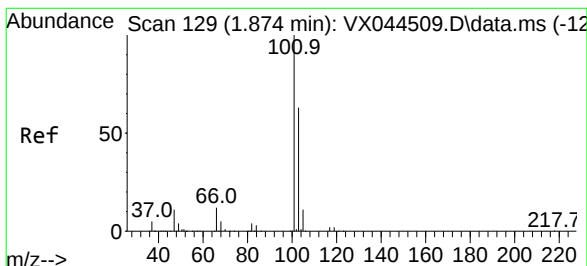
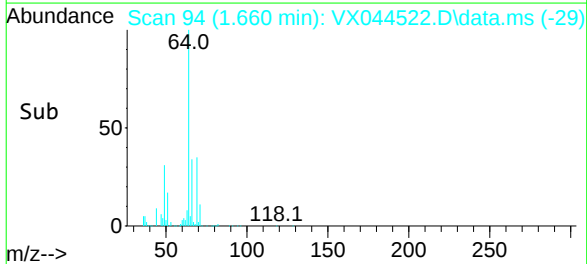
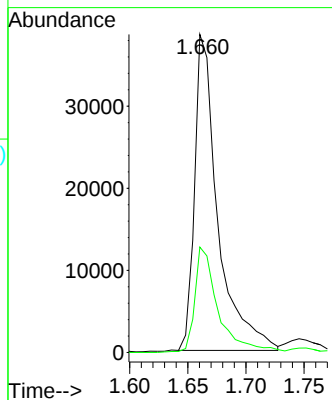
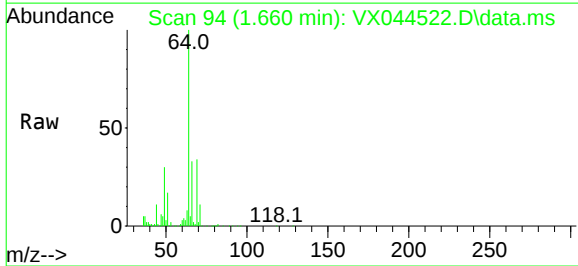




#8
Chloroethane
Concen: 47.064 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

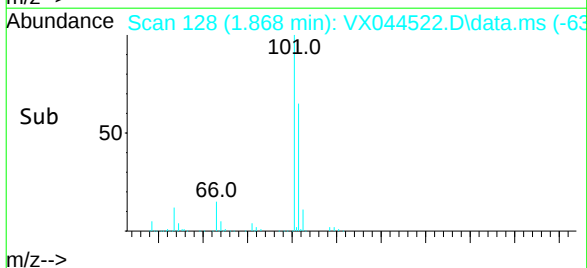
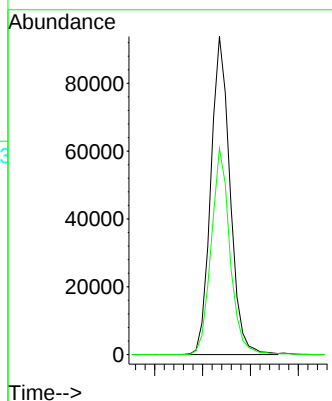
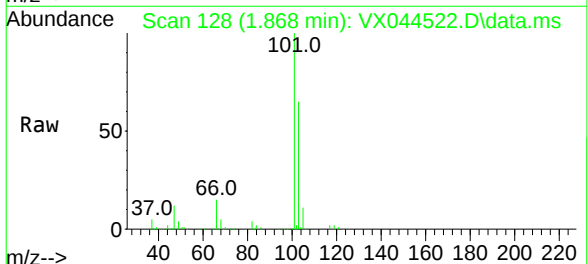
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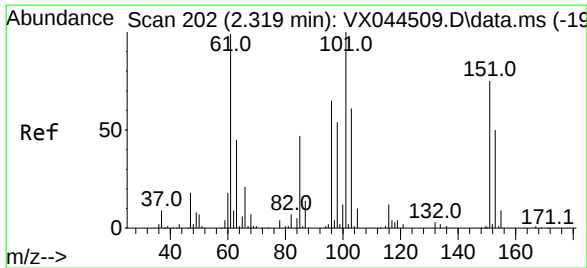
Tgt Ion: 64 Resp: 53496
Ion Ratio Lower Upper
64 100
66 33.2 21.5 39.9



#9
Trichlorofluoromethane
Concen: 40.865 ug/L
RT: 1.868 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Tgt Ion: 101 Resp: 130731
Ion Ratio Lower Upper
101 100
103 63.2 50.8 76.2

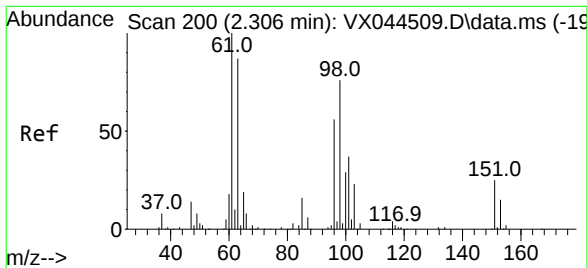
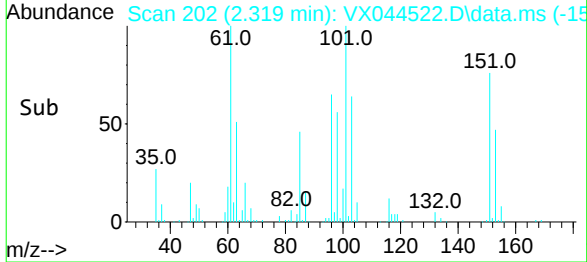
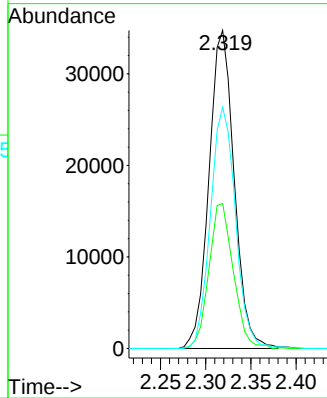
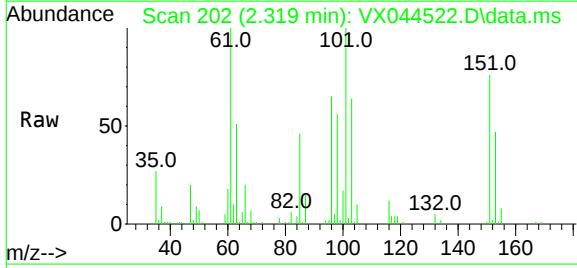




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.818 ug/L
 RT: 2.319 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX044522.D
 Acq: 27 Dec 2024 15:44

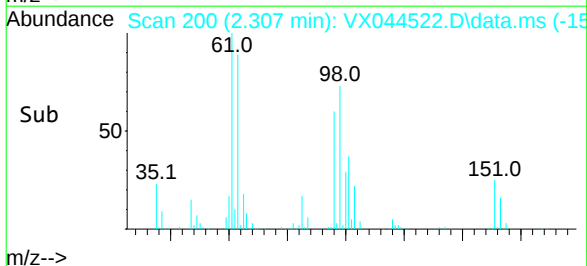
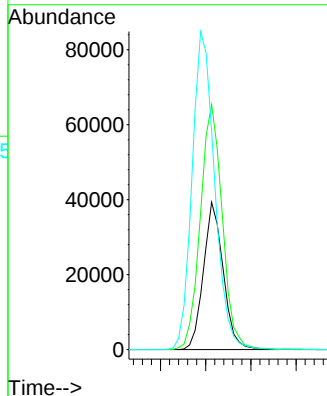
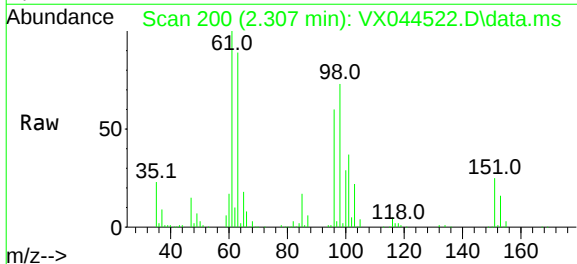
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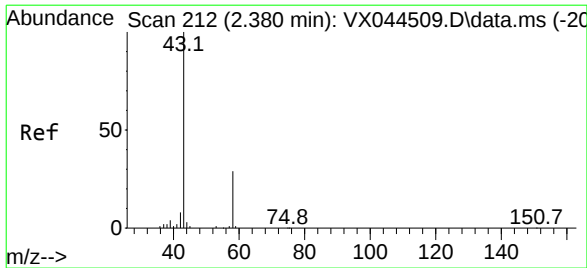
Tgt Ion:	101	Resp:	67371
Ion	Ratio	Lower	Upper
101	100		
85	43.9	33.9	50.9
151	75.5	58.5	87.7



#12
 1,1-Dichloroethene
 Concen: 47.655 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX044522.D
 Acq: 27 Dec 2024 15:44

Tgt Ion:	96	Resp:	59761
Ion	Ratio	Lower	Upper
96	100		
61	166.4	109.3	203.1
63	148.4	65.7	122.1





#13

Acetone

Concen: 66.215 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

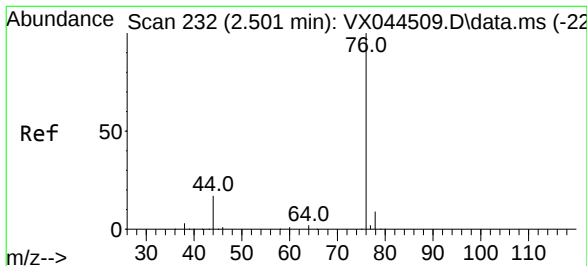
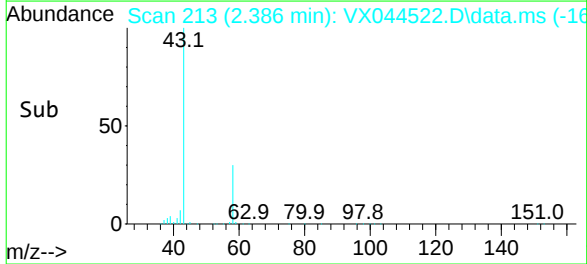
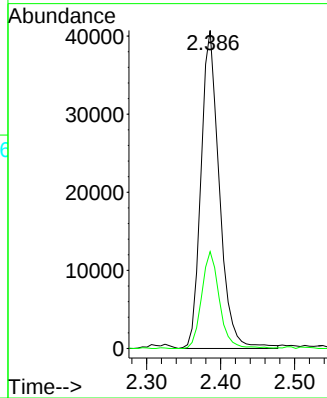
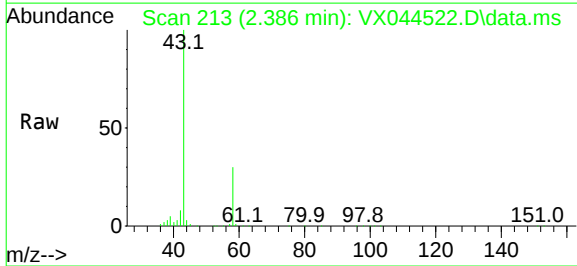
YE680MS

Tgt Ion: 43 Resp: 70223

Ion Ratio Lower Upper

43 100

58 29.1 0.0 66.0



#14

Carbon disulfide

Concen: 38.241 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

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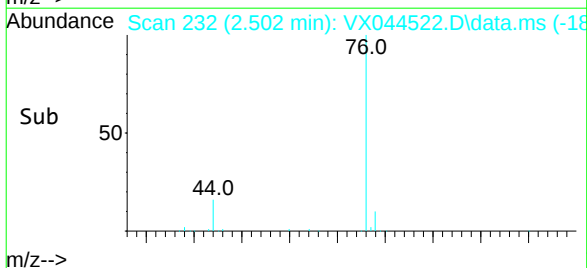
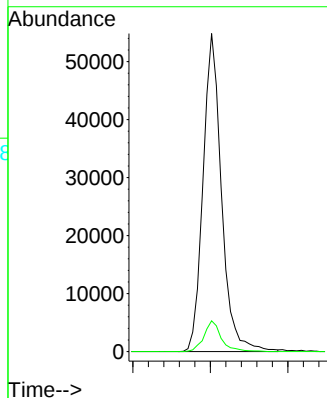
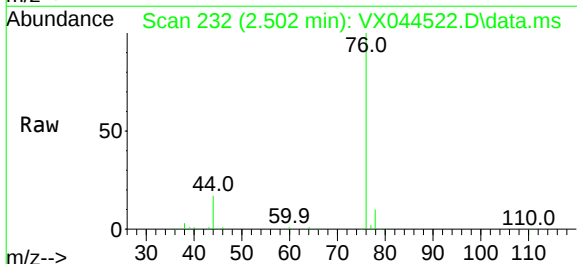
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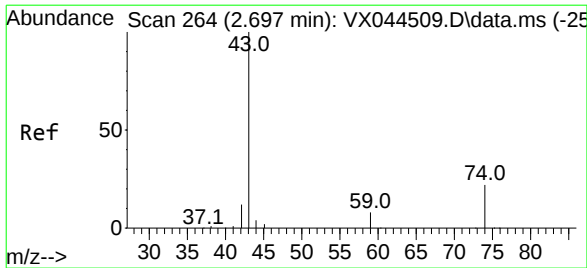
Tgt Ion: 76 Resp: 90845

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8

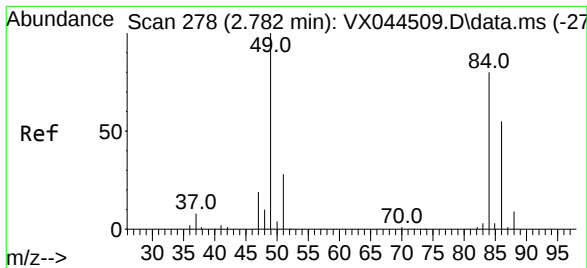
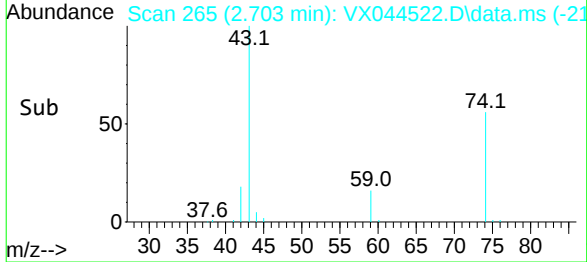
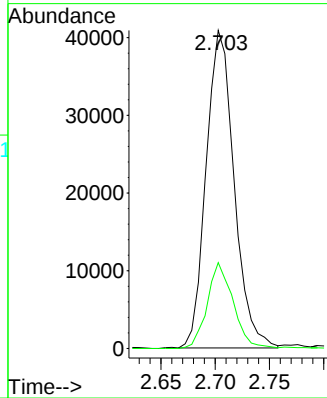
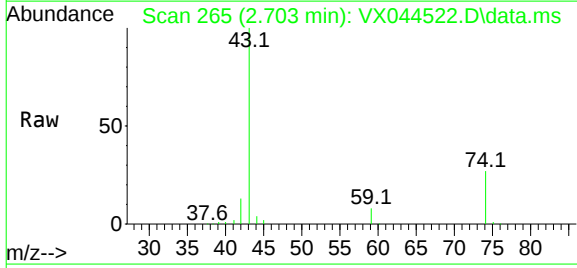




#15
Methyl Acetate
Concen: 42.684 ug/L
RT: 2.703 min Scan# 264
Delta R.T. 0.006 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

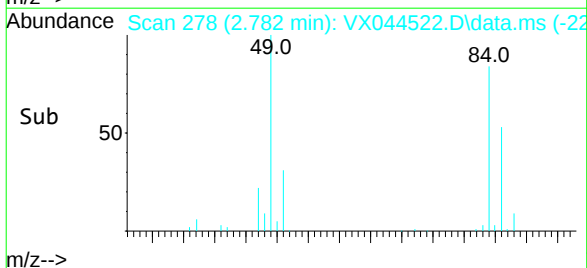
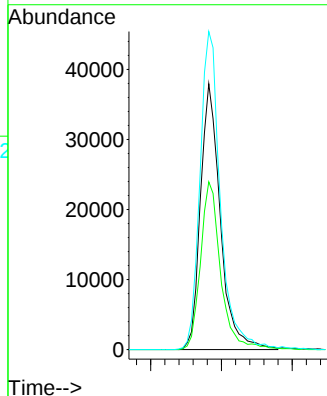
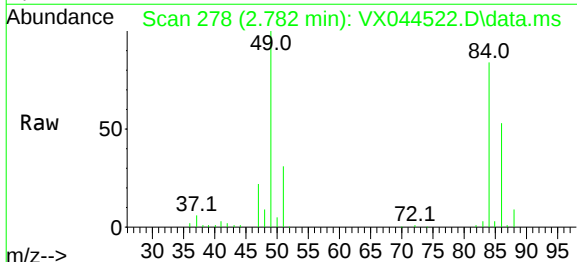
Instrument :
MSVOA_X
ClientSampleId :
YE680MS

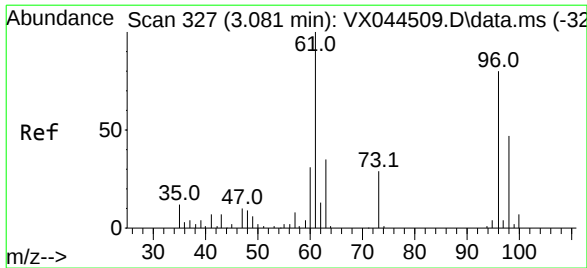
Tgt Ion: 43 Resp: 73406
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.2



#16
Methylene chloride
Concen: 51.466 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Tgt Ion: 84 Resp: 74270
Ion Ratio Lower Upper
84 100
86 63.1 46.0 85.4
49 119.6 80.8 150.2

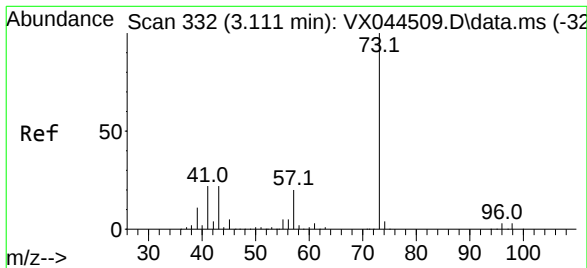
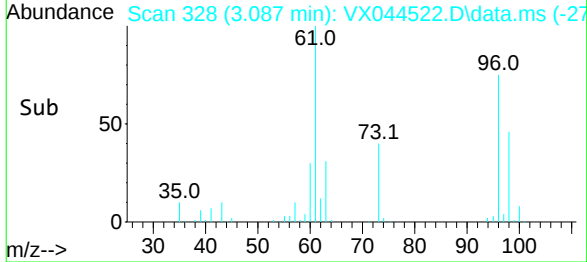
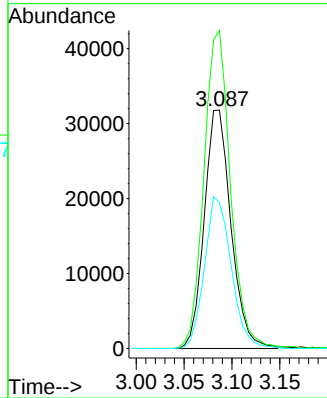
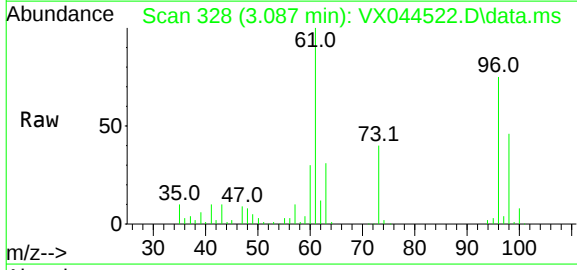




#17
trans-1,2-Dichloroethene
Concen: 47.364 ug/L
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

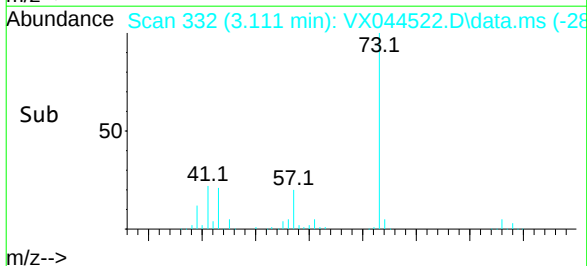
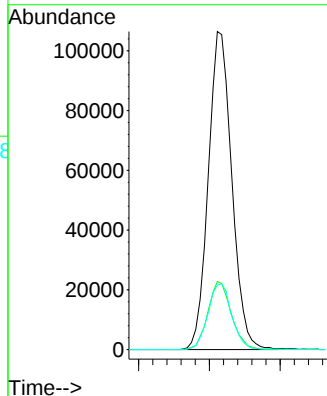
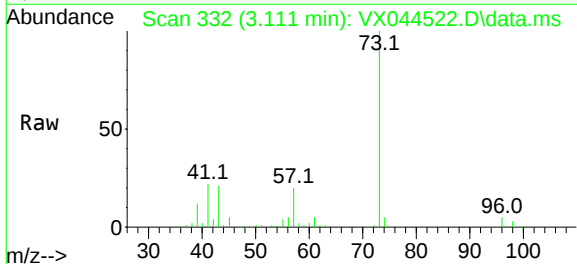
Instrument :
MSVOA_X
ClientSampleId :
YE680MS

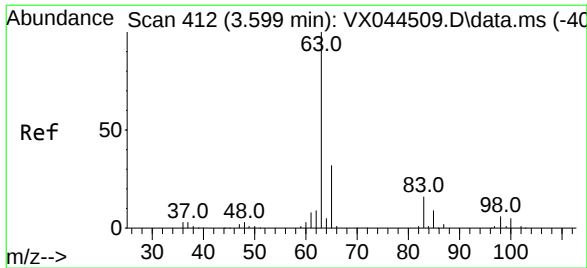
Tgt Ion: 96 Resp: 61861
Ion Ratio Lower Upper
96 100
61 133.4 95.7 177.7
98 61.1 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 46.619 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Tgt Ion: 73 Resp: 245689
Ion Ratio Lower Upper
73 100
43 21.3 15.2 22.8
57 20.9 17.0 25.6

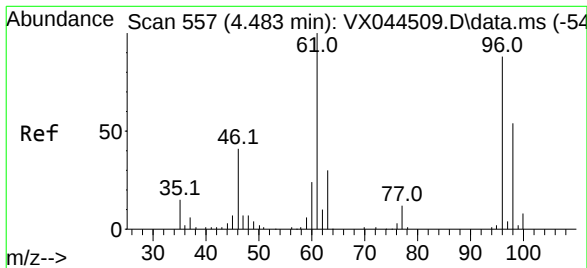
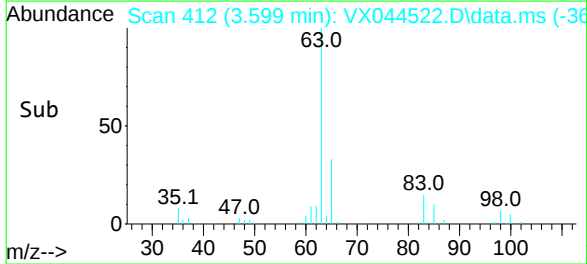
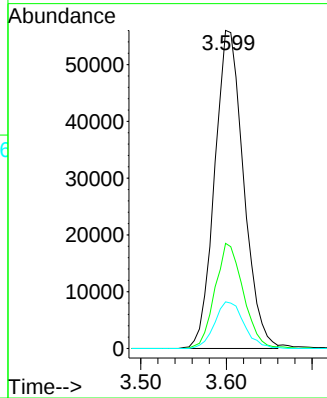
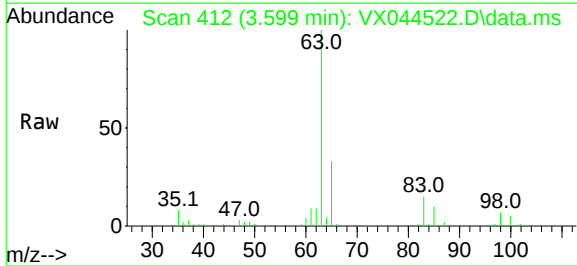




#19
1,1-Dichloroethane
Concen: 47.925 ug/L
RT: 3.599 min Scan# 412
Delta R.T. 0.000 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

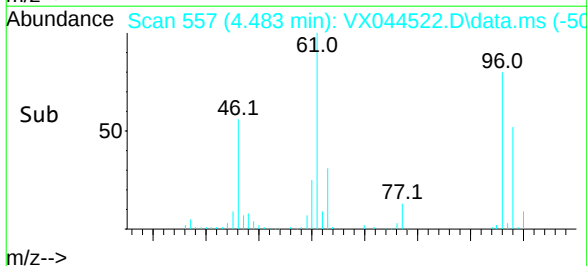
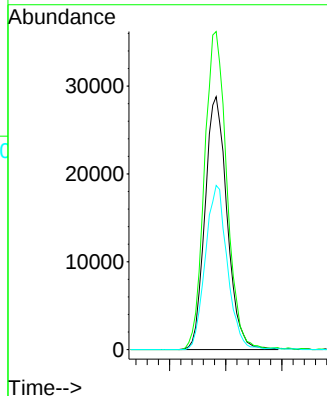
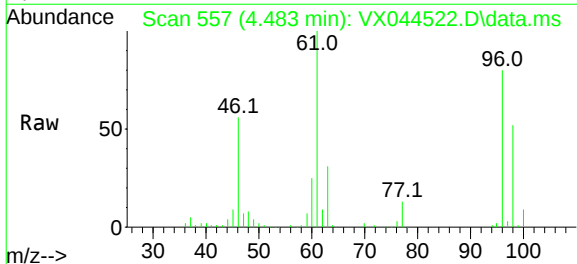
Instrument :
MSVOA_X
ClientSampleId :
YE680MS

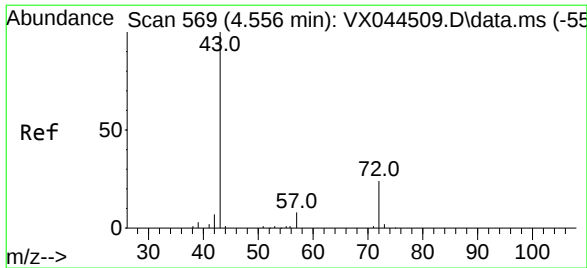
Tgt Ion:	63	Resp:	131312
Ion	Ratio	Lower	Upper
63	100		
65	33.1	23.2	43.2
83	14.7	10.0	18.6



#20
cis-1,2-Dichloroethene
Concen: 49.285 ug/L
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Tgt Ion:	96	Resp:	78691
Ion	Ratio	Lower	Upper
96	100		
61	125.8	85.0	158.0
98	64.9	44.6	82.8

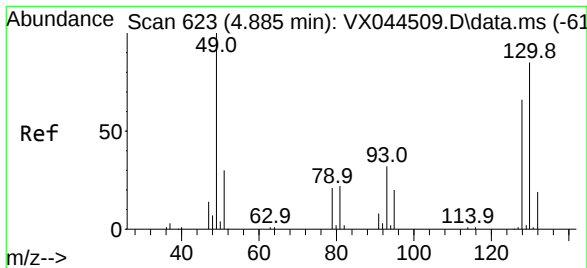
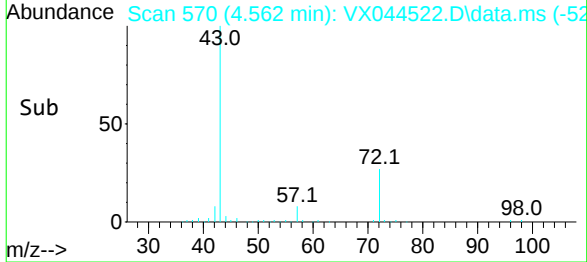
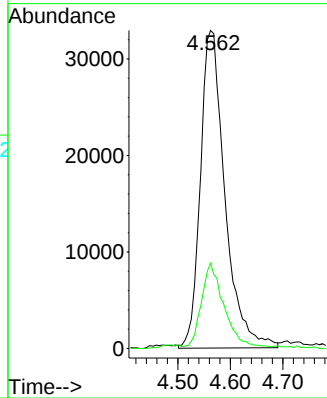
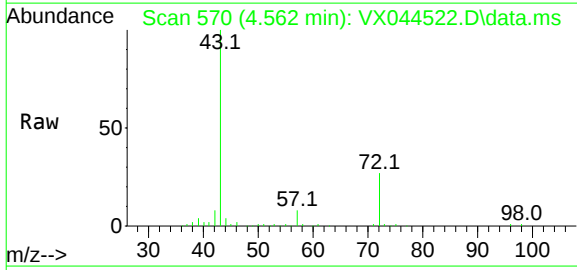




#22
2-Butanone
Concen: 83.367 ug/L
RT: 4.562 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

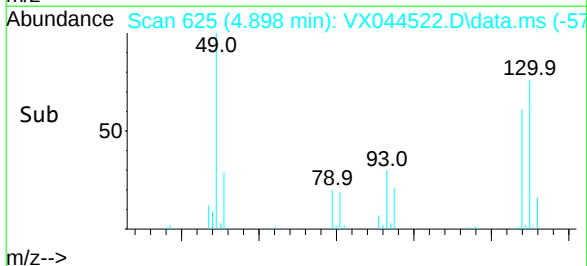
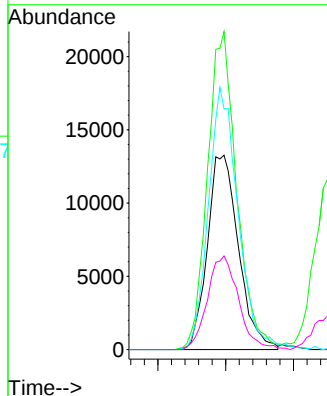
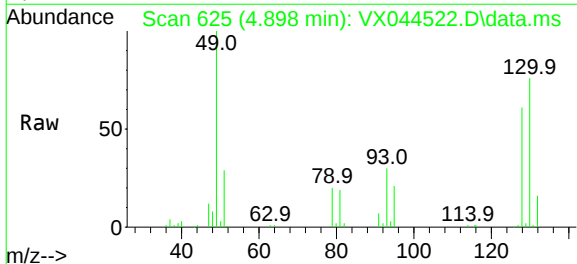
Instrument :
MSVOA_X
ClientSampleId :
YE680MS

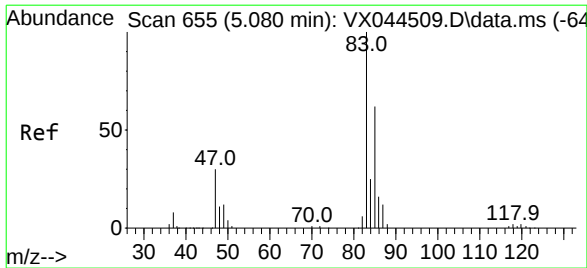
Tgt Ion: 43 Resp: 106711
Ion Ratio Lower Upper
43 100
72 25.3 13.1 39.3



#23
Bromochloromethane
Concen: 54.351 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.012 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Tgt Ion: 128 Resp: 42320
Ion Ratio Lower Upper
128 100
49 163.6 103.7 192.5
130 123.8 89.1 165.5
51 48.2 36.6 55.0





#25

Chloroform

Concen: 50.351 ug/L

RT: 5.087 min Scan# 655

Delta R.T. 0.006 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

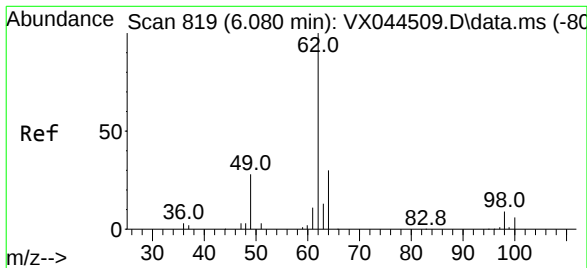
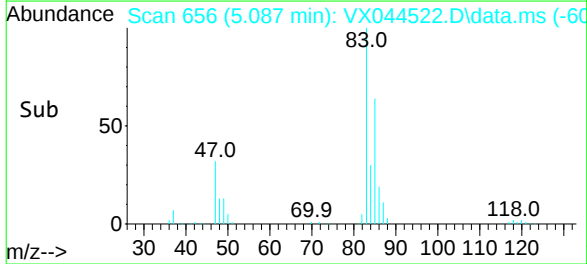
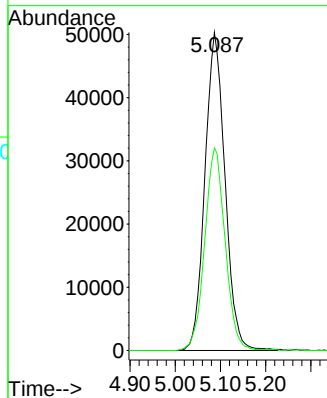
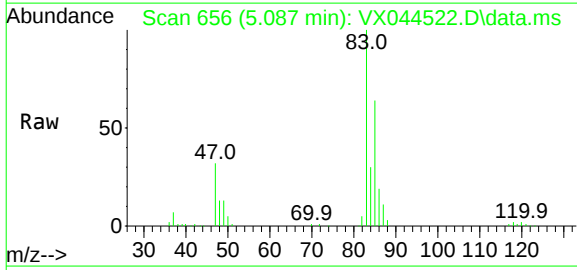
YE680MS

Tgt Ion: 83 Resp: 155270

Ion Ratio Lower Upper

83 100

85 63.7 47.7 88.7



#27

1,2-Dichloroethane

Concen: 46.978 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044522.D

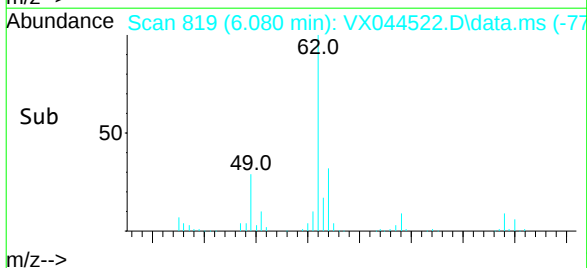
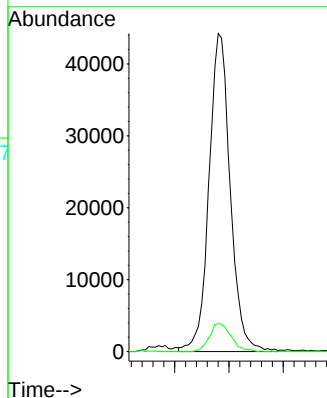
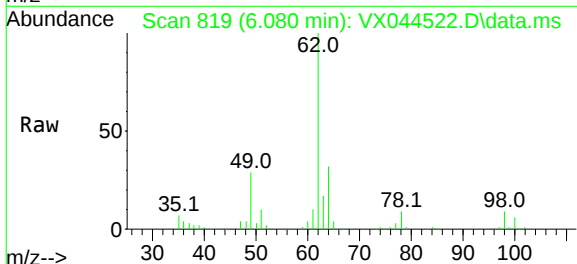
Acq: 27 Dec 2024 15:44

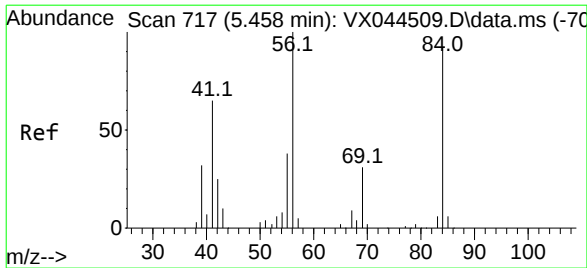
Tgt Ion: 62 Resp: 120437

Ion Ratio Lower Upper

62 100

98 8.8 7.7 11.5





#29

Cyclohexane

Concen: 42.879 ug/L

RT: 5.465 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

YE680MS

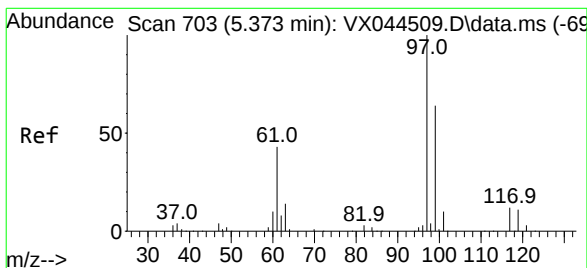
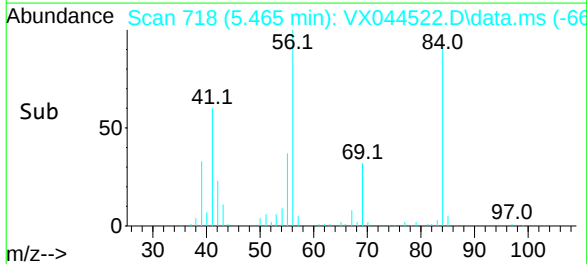
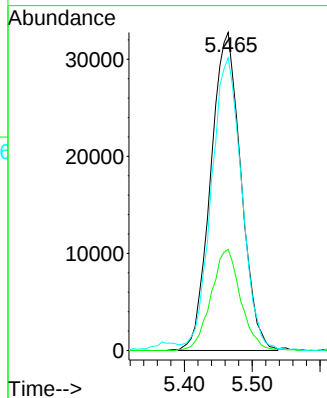
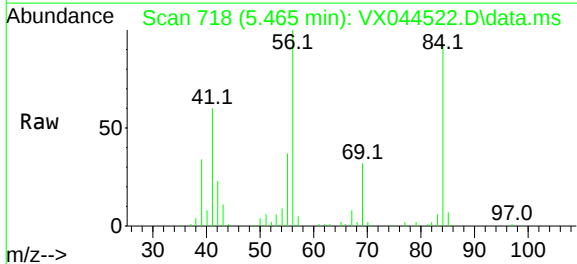
Tgt Ion: 56 Resp: 101400

Ion Ratio Lower Upper

56 100

69 31.0 25.1 37.7

84 92.5 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 45.961 ug/L

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

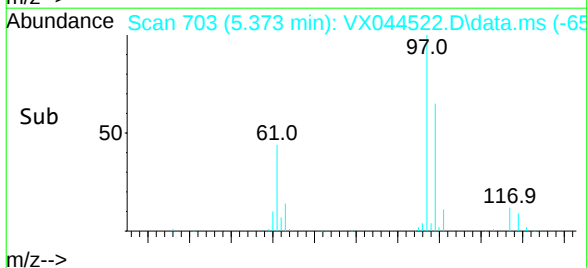
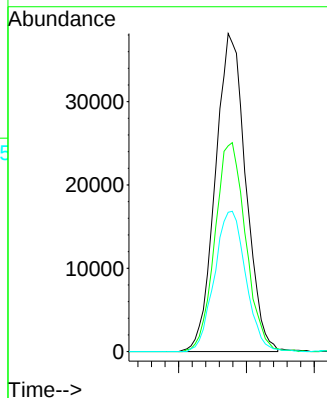
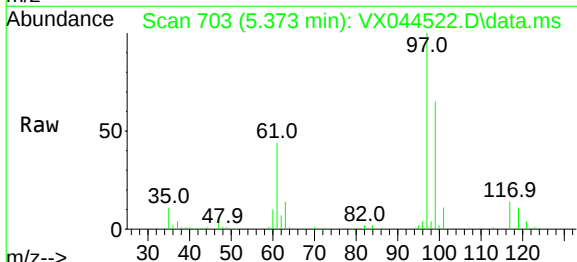
Tgt Ion: 97 Resp: 118912

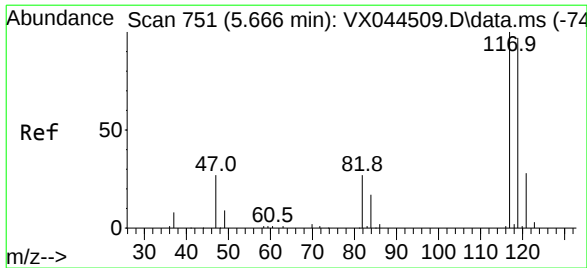
Ion Ratio Lower Upper

97 100

99 66.3 52.2 78.2

61 45.3 32.8 49.2





#31

Carbon tetrachloride

Concen: 46.646 ug/L

RT: 5.672 min Scan# 751

Delta R.T. 0.006 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

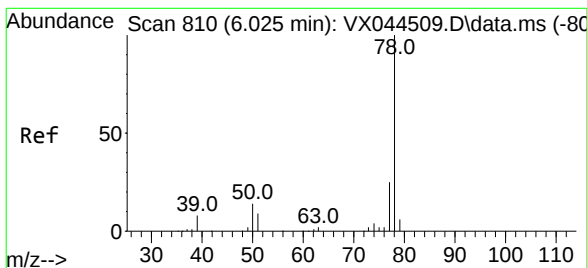
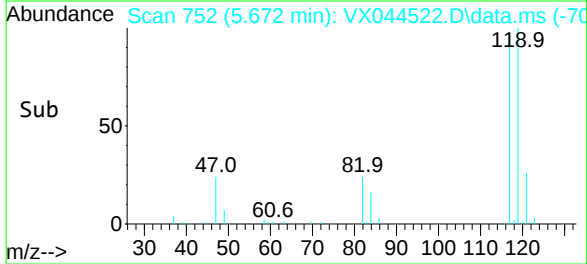
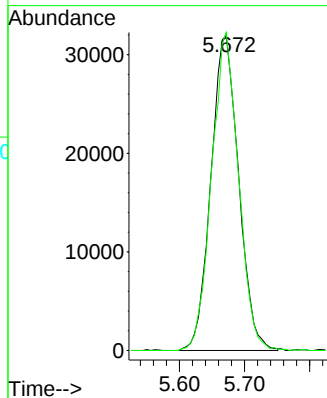
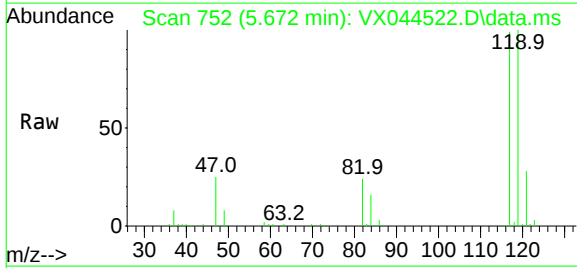
YE680MS

Tgt Ion:117 Resp: 94528

Ion Ratio Lower Upper

117 100

119 97.8 77.7 116.5



#33

Benzene

Concen: 48.652 ug/L

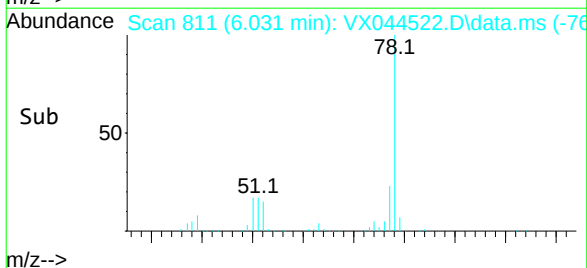
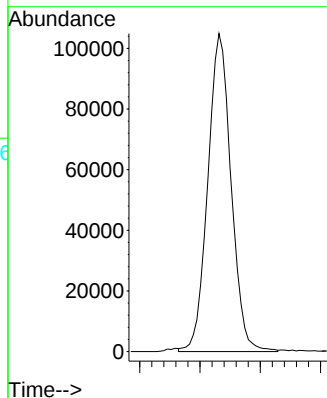
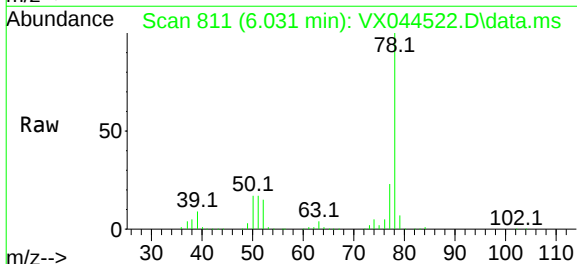
RT: 6.031 min Scan# 811

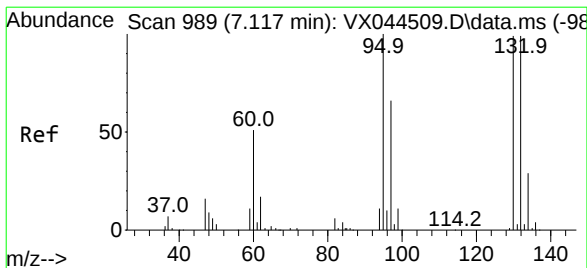
Delta R.T. 0.006 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Tgt Ion: 78 Resp: 281589





#34

Trichloroethene

Concen: 48.336 ug/L

RT: 7.123 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

YE680MS

Tgt Ion: 95 Resp: 76378

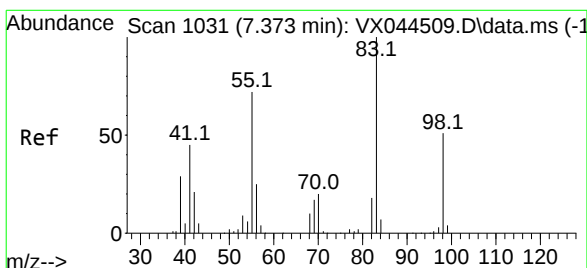
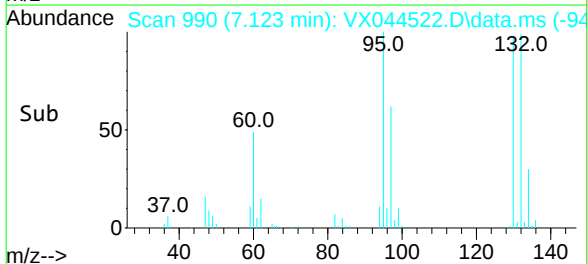
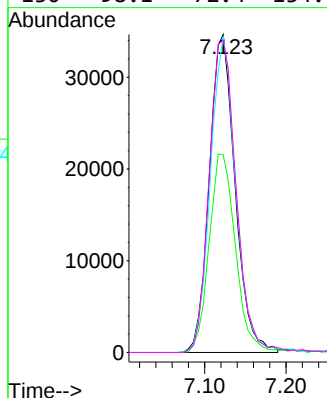
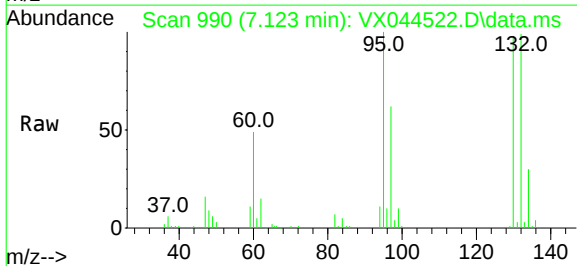
Ion Ratio Lower Upper

95 100

97 62.1 45.0 83.6

132 99.2 66.6 123.8

130 98.1 72.4 134.5



#35

Methylcyclohexane

Concen: 45.319 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

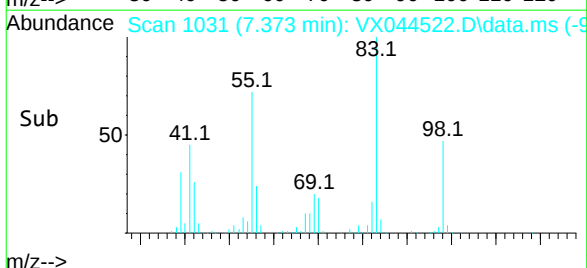
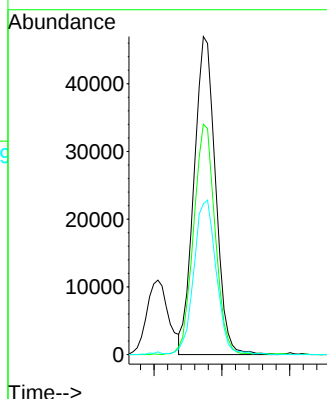
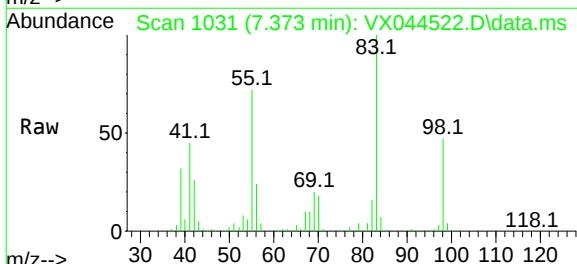
Tgt Ion: 83 Resp: 103740

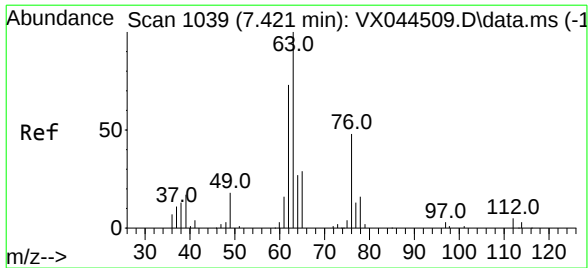
Ion Ratio Lower Upper

83 100

55 72.0 58.5 87.7

98 50.3 40.5 60.7

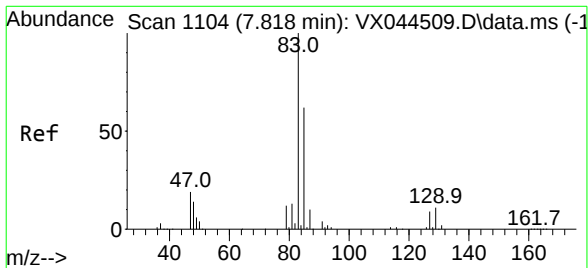
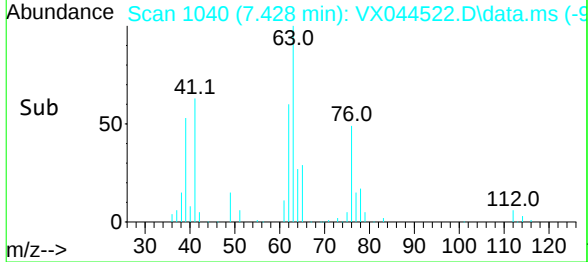
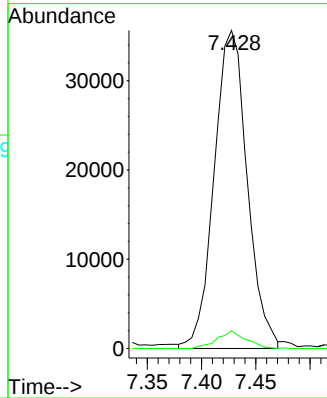
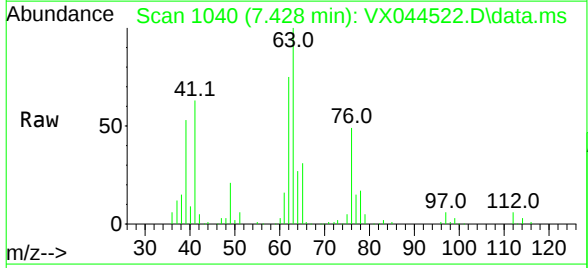




#37
1,2-Dichloropropane
Concen: 48.569 ug/L
RT: 7.428 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

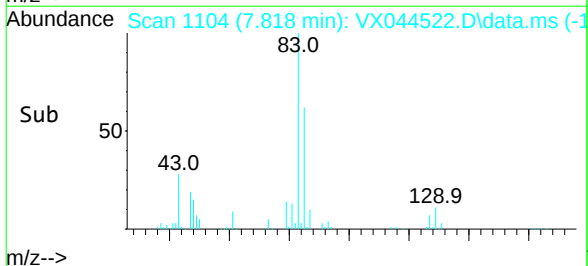
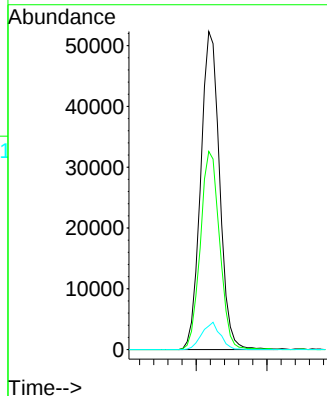
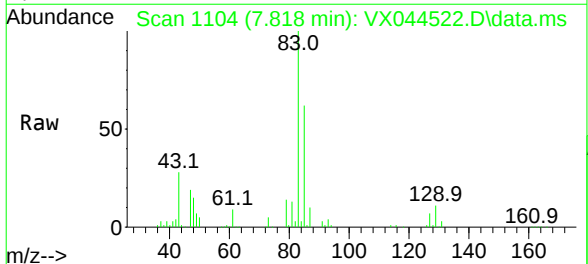
Instrument :
MSVOA_X
ClientSampleId :
YE680MS

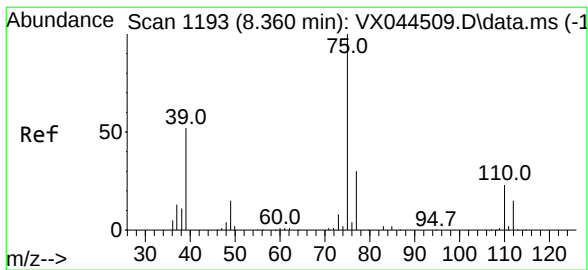
Tgt Ion: 63 Resp: 75482
Ion Ratio Lower Upper
63 100
112 4.8 3.6 5.4



#38
Bromodichloromethane
Concen: 47.757 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Tgt Ion: 83 Resp: 97239
Ion Ratio Lower Upper
83 100
85 62.3 44.1 81.9
127 7.4 7.0 10.4

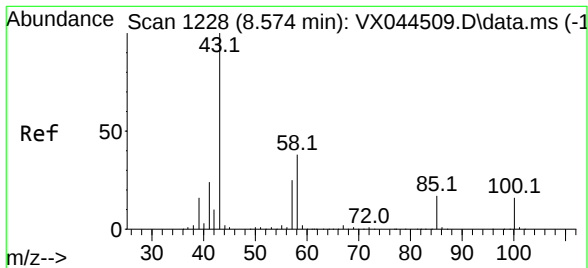
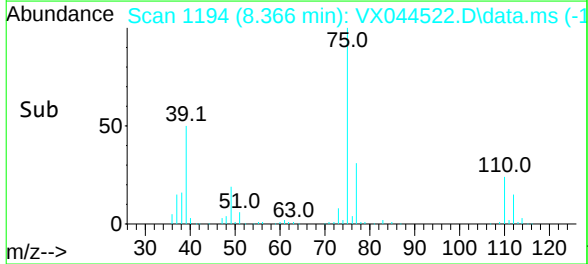
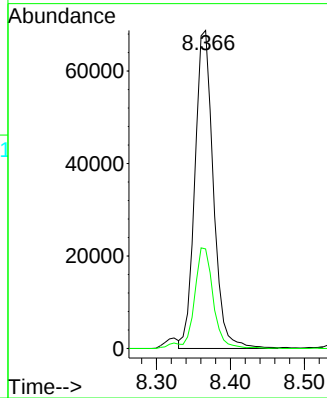
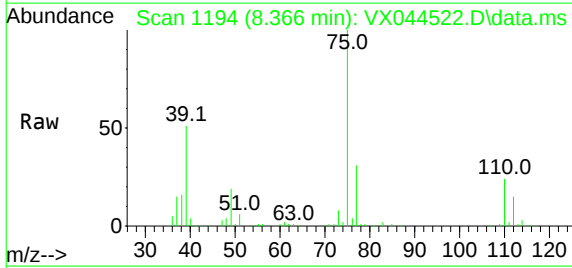




#39
cis-1,3-Dichloropropene
Concen: 49.029 ug/L
RT: 8.366 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

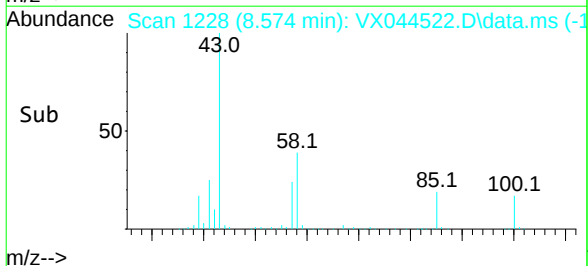
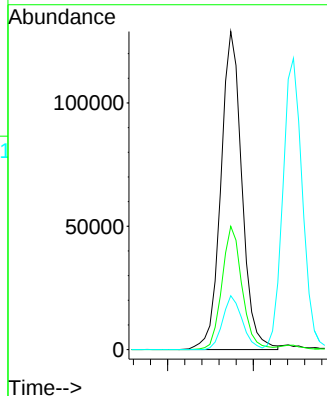
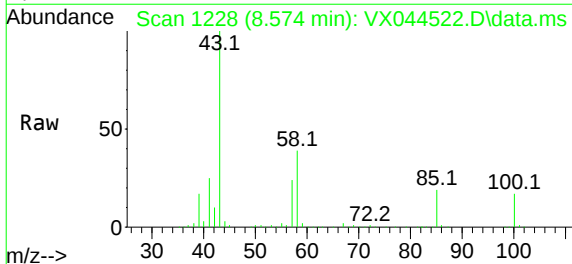
Instrument :
MSVOA_X
ClientSampleId :
YE680MS

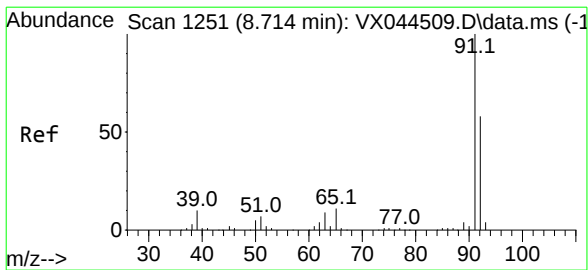
Tgt Ion: 75 Resp: 119345
Ion Ratio Lower Upper
75 100
77 31.3 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 91.691 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Tgt Ion: 43 Resp: 220609
Ion Ratio Lower Upper
43 100
58 36.9 32.4 48.6
100 15.7 13.7 20.5





#42

Toluene

Concen: 49.123 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

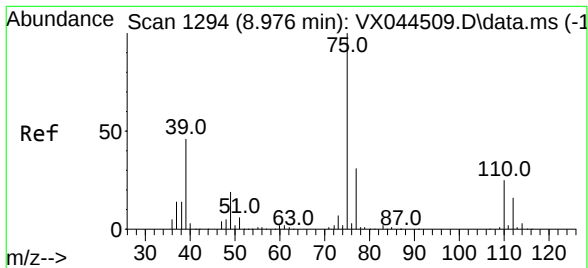
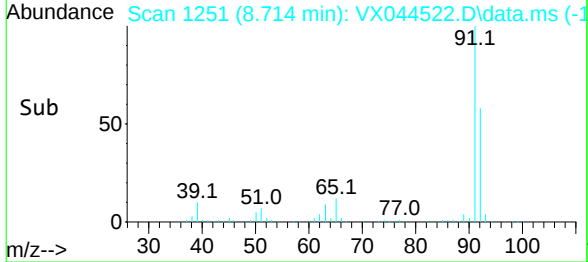
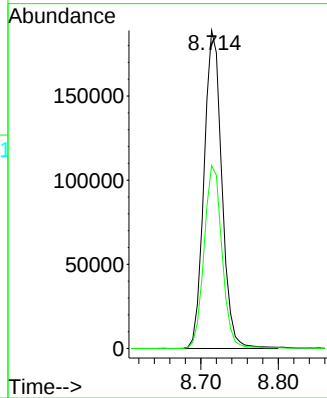
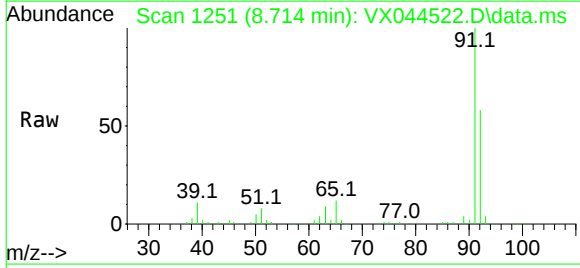
YE680MS

Tgt Ion: 91 Resp: 301250

Ion Ratio Lower Upper

91 100

92 57.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 47.219 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044522.D

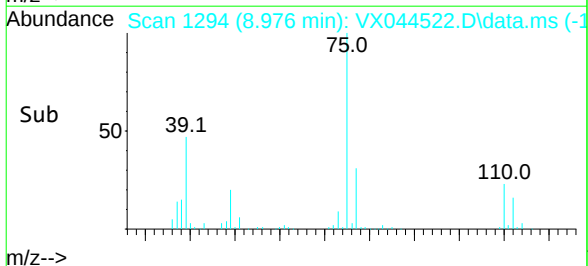
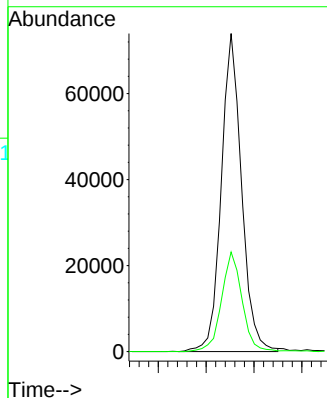
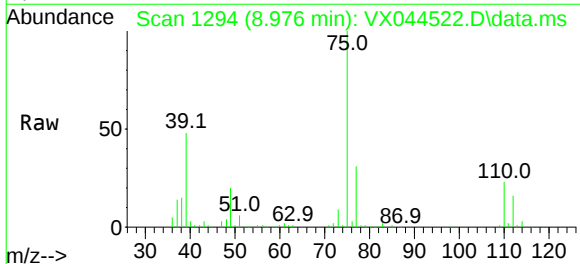
Acq: 27 Dec 2024 15:44

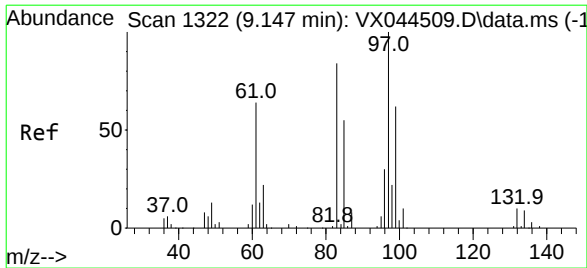
Tgt Ion: 75 Resp: 108944

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6

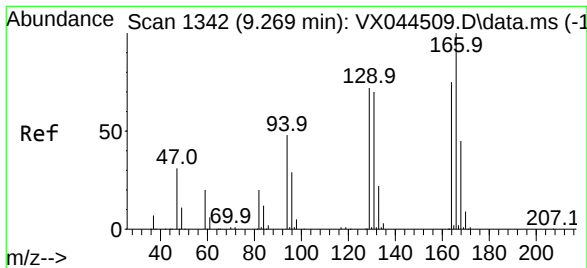
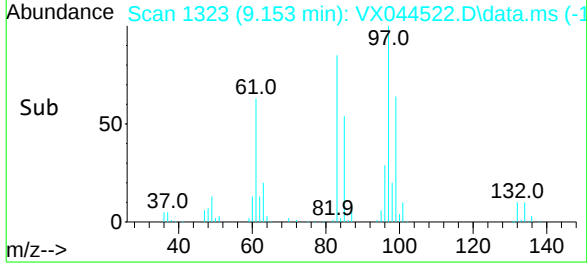
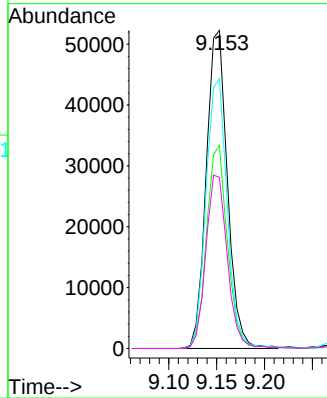
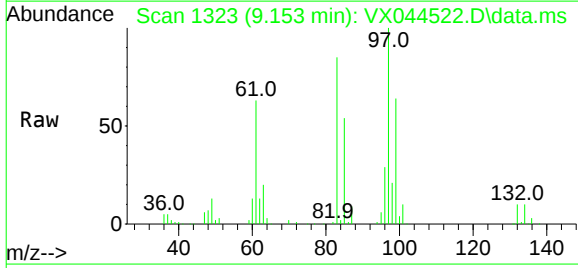




#45
1,1,2-Trichloroethane
Concen: 50.455 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

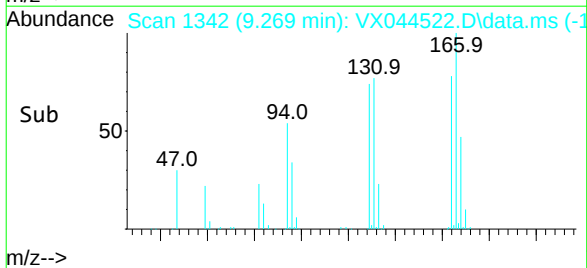
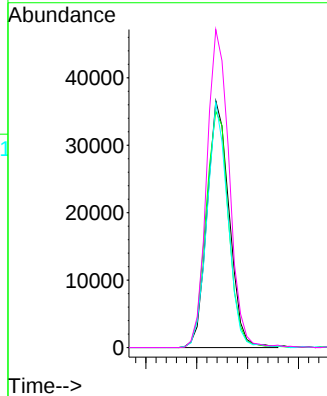
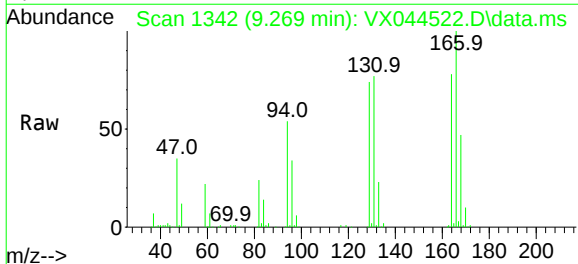
Instrument :
MSVOA_X
ClientSampleId :
YE680MS

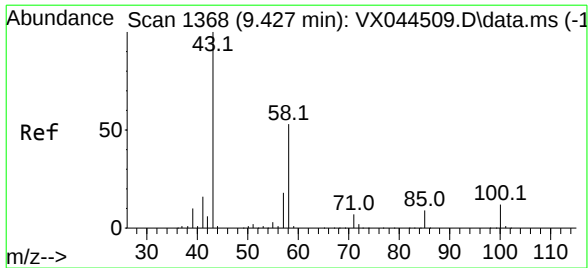
Tgt Ion:	97	Resp:	80356
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.4	80.6
83	84.8	60.2	111.8
85	53.8	39.3	72.9



#46
Tetrachloroethene
Concen: 52.385 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Tgt Ion:	164	Resp:	55218
Ion	Ratio	Lower	Upper
164	100		
129	95.7	73.6	136.6
131	99.3	70.2	130.4
166	128.9	92.0	170.8

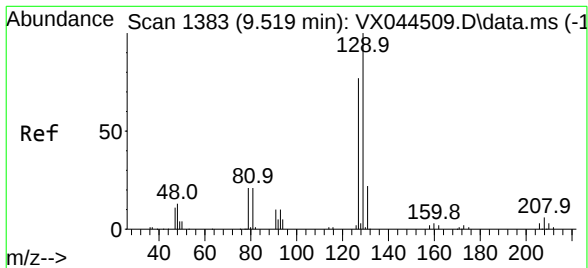
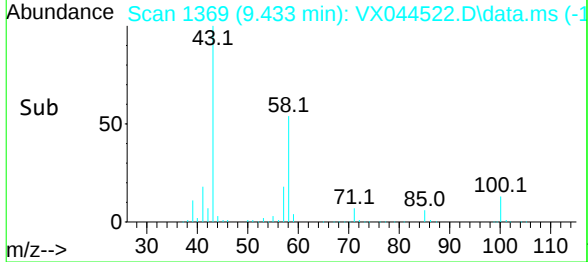
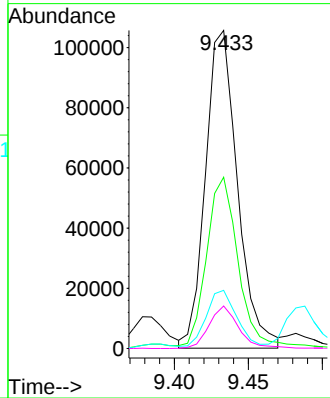
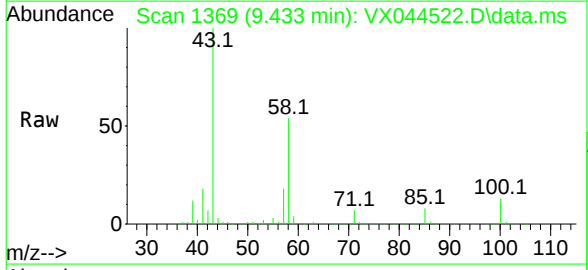




#48
2-Hexanone
Concen: 83.956 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

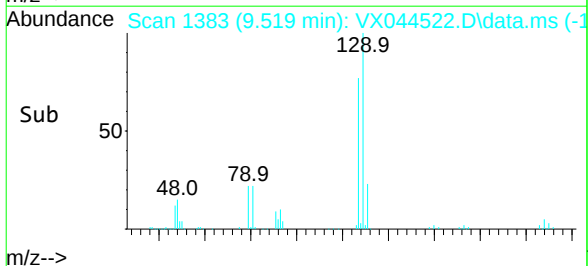
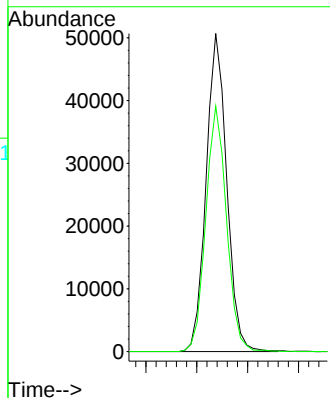
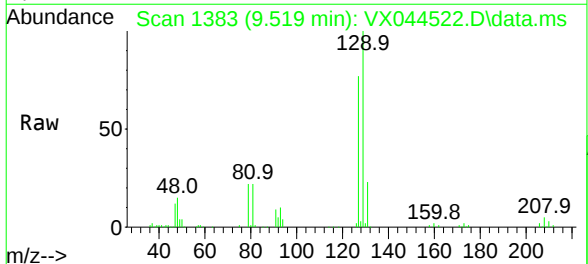
Instrument :
MSVOA_X
ClientSampleId :
YE680MS

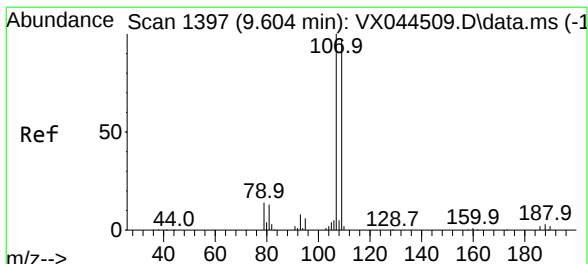
Tgt Ion:	43	Resp:	159047
Ion	Ratio	Lower	Upper
43	100		
58	54.0	45.4	68.2
57	17.7	15.4	23.0
100	12.4	10.6	15.8



#49
Dibromochloromethane
Concen: 50.689 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Tgt Ion:	129	Resp:	71356
Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.5	99.5

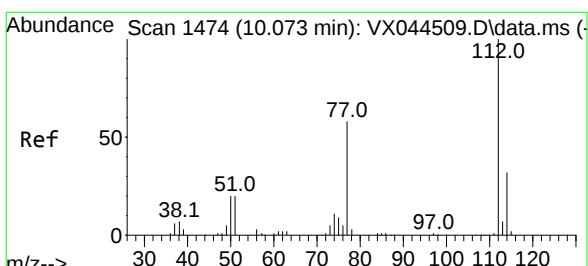
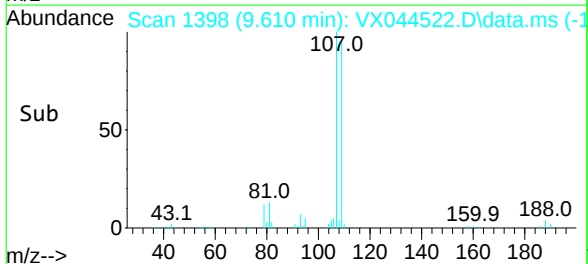
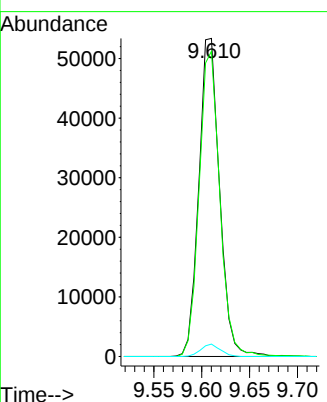
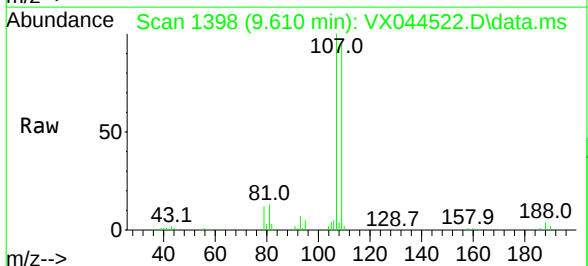




#50
 1,2-Dibromoethane
 Concen: 48.984 ug/L
 RT: 9.610 min Scan# 1397
 Delta R.T. 0.006 min
 Lab File: VX044522.D
 Acq: 27 Dec 2024 15:44

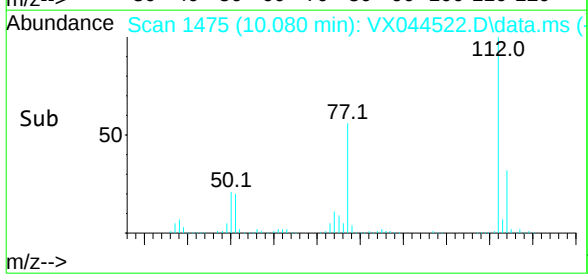
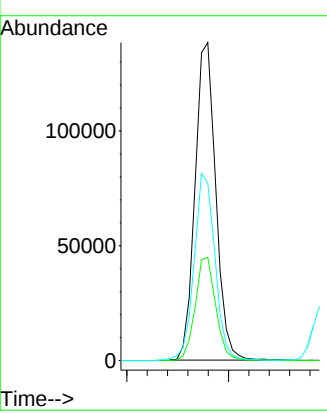
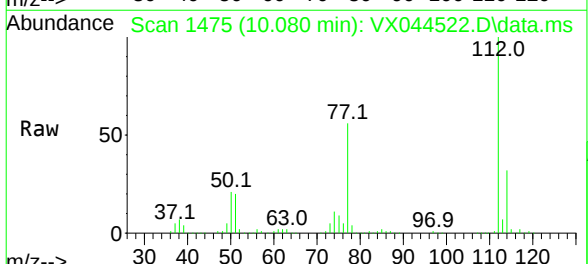
Instrument :
 MSVOA_X
 ClientSampleId :
 YE680MS

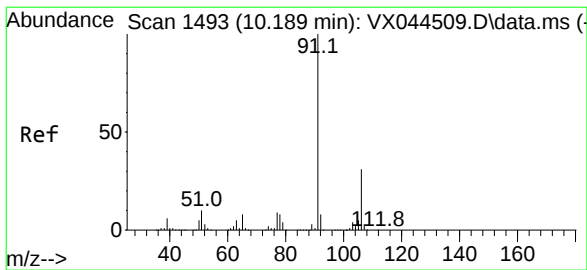
Tgt Ion:	107	Resp:	80565
Ion Ratio	Lower	Upper	
107	100		
109	96.0	65.5	121.7
188	3.9	2.6	4.0



#51
 Chlorobenzene
 Concen: 49.748 ug/L
 RT: 10.080 min Scan# 1475
 Delta R.T. 0.006 min
 Lab File: VX044522.D
 Acq: 27 Dec 2024 15:44

Tgt Ion:	112	Resp:	195729
Ion Ratio	Lower	Upper	
112	100		
114	32.5	22.9	42.5
77	55.7	48.0	72.0





#52

Ethylbenzene

Concen: 49.460 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

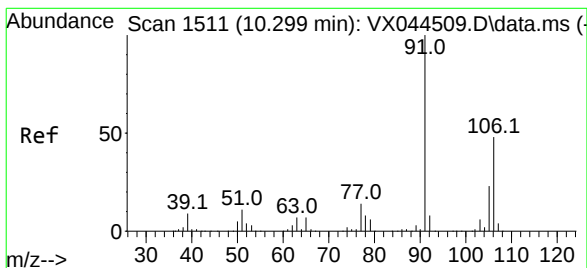
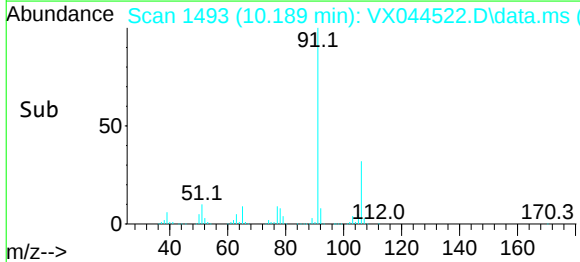
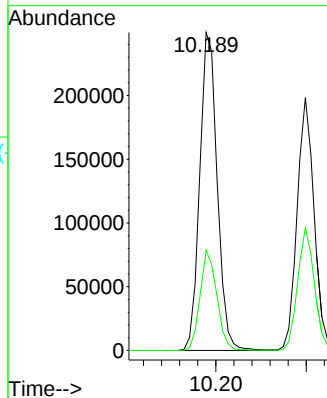
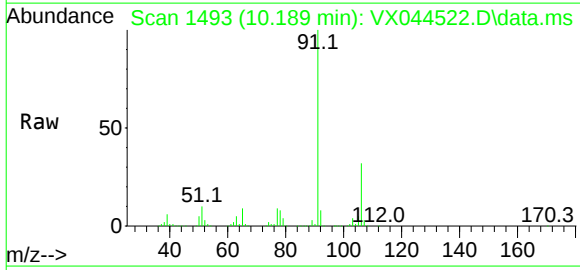
YE680MS

Tgt Ion: 91 Resp: 334107

Ion Ratio Lower Upper

91 100

106 31.5 21.1 39.1



#53

m,p-Xylene

Concen: 51.062 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044522.D

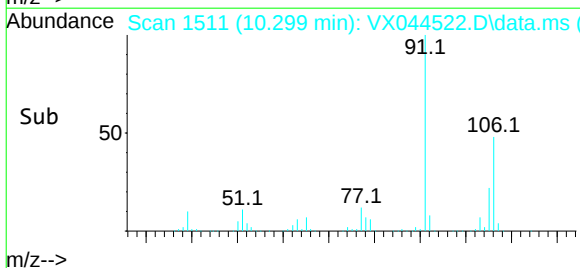
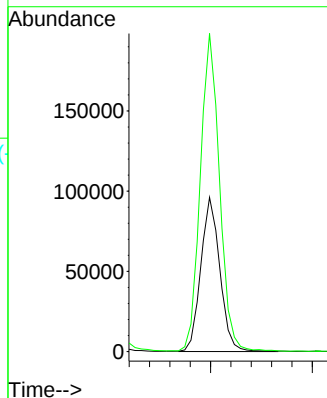
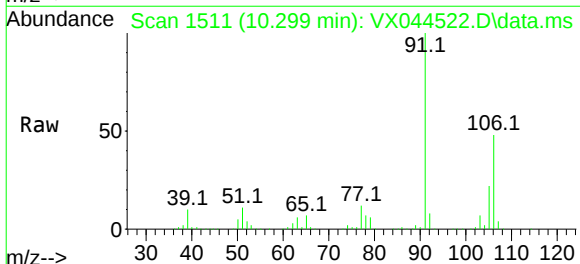
Acq: 27 Dec 2024 15:44

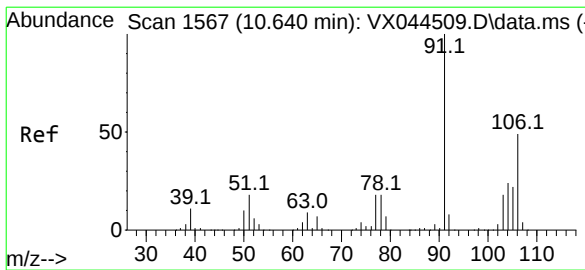
Tgt Ion: 106 Resp: 124935

Ion Ratio Lower Upper

106 100

91 206.3 147.5 273.9





#54

o-Xylene

Concen: 49.191 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

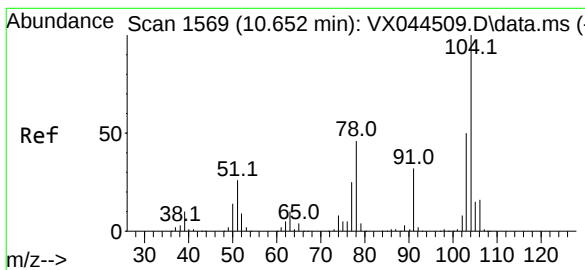
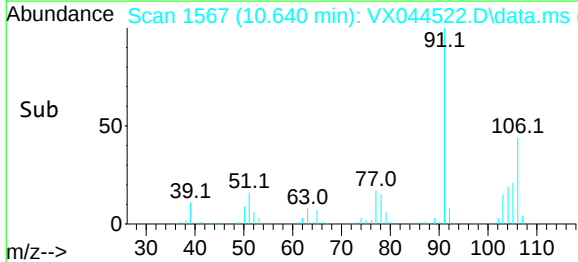
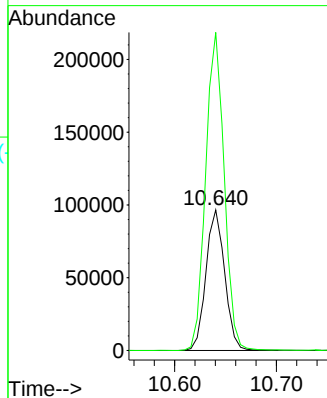
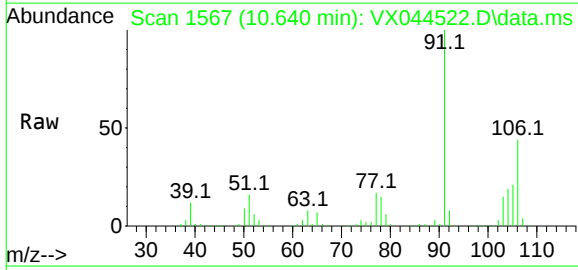
YE680MS

Tgt Ion:106 Resp: 123765

Ion Ratio Lower Upper

106 100

91 226.3 153.7 285.5



#55

Styrene

Concen: 51.171 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044522.D

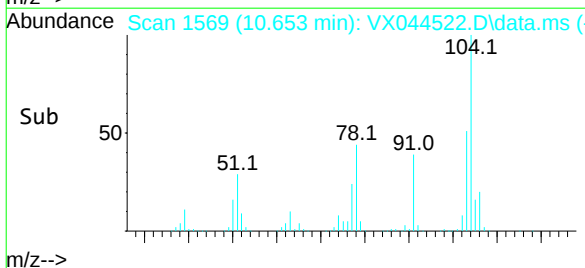
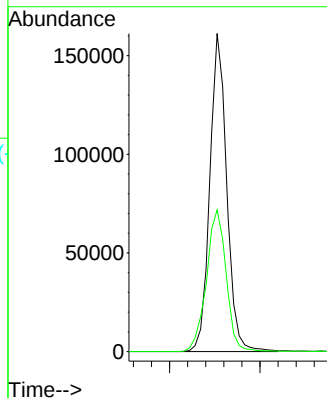
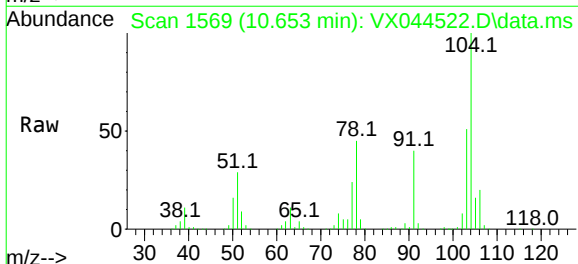
Acq: 27 Dec 2024 15:44

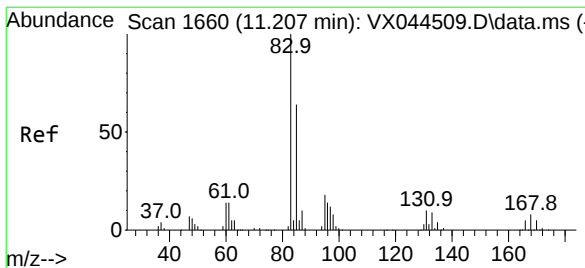
Tgt Ion:104 Resp: 209980

Ion Ratio Lower Upper

104 100

78 44.6 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 49.231 ug/L

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

YE680MS

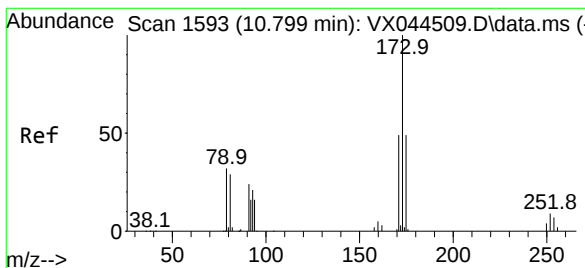
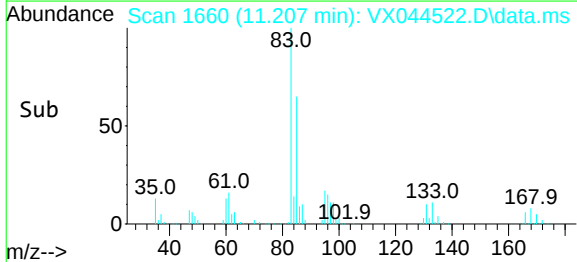
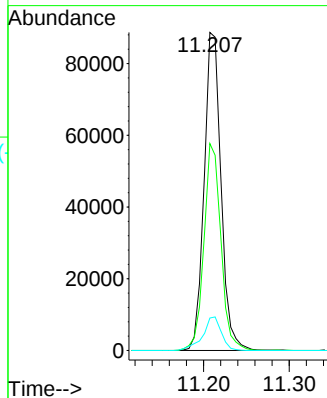
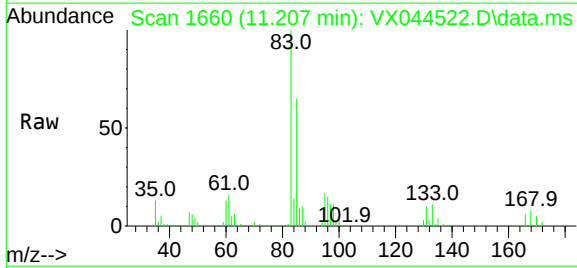
Tgt Ion: 83 Resp: 121630

Ion Ratio Lower Upper

83 100

85 65.0 46.0 85.4

131 10.2 8.8 13.2



#59

Bromoform

Concen: 47.378 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

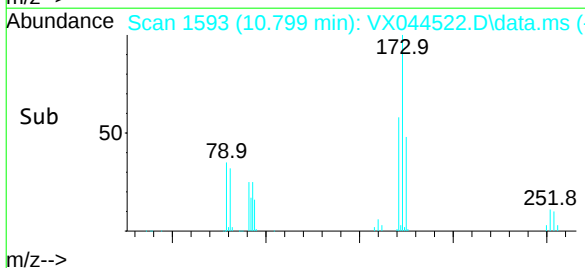
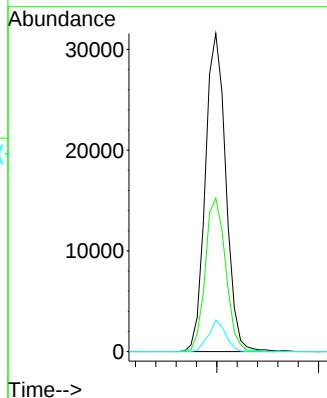
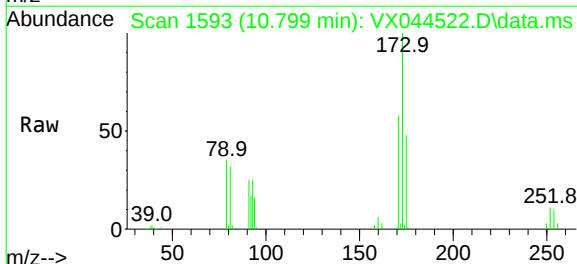
Tgt Ion: 173 Resp: 44244

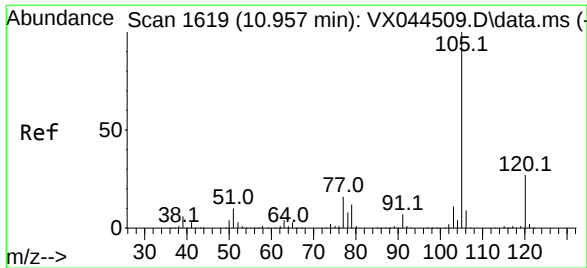
Ion Ratio Lower Upper

173 100

175 46.6 40.0 60.0

254 8.3 6.3 9.5





#60

Isopropylbenzene

Concen: 45.829 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

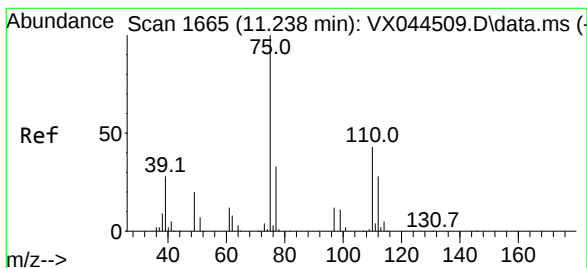
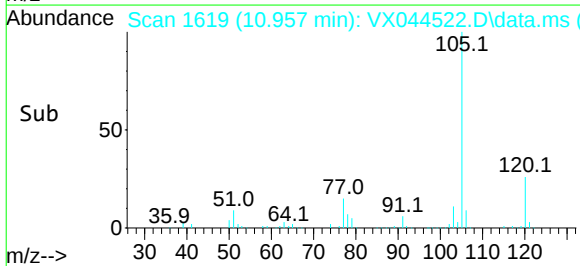
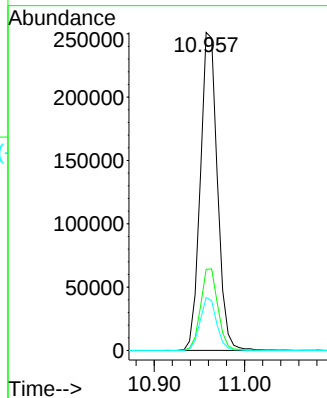
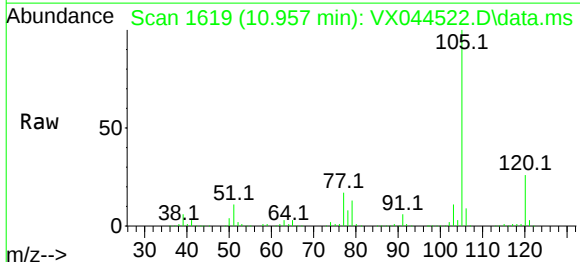
Instrument :

MSVOA_X

ClientSampleId :

YE680MS

Tgt Ion:	105	Resp:	329130
Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.6	31.0
77	16.2	13.4	20.0



#61

1,2,3-Trichloropropane

Concen: 42.457 ug/L

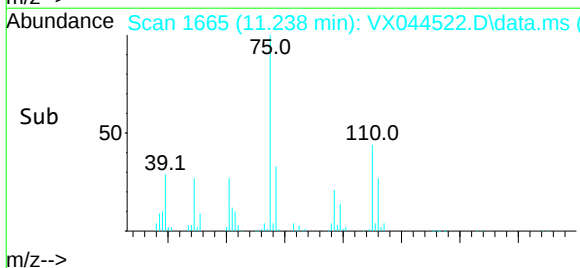
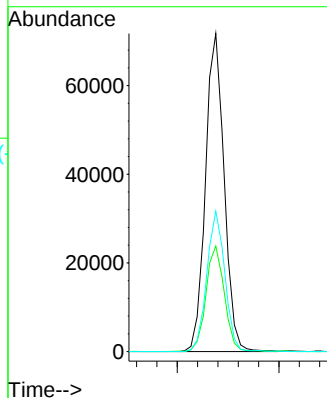
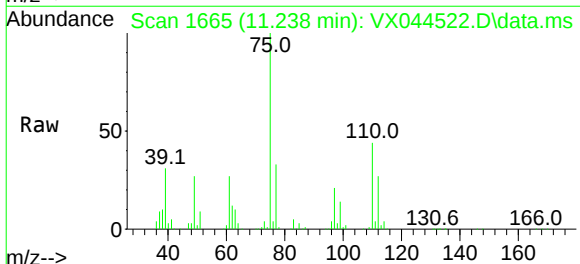
RT: 11.238 min Scan# 1665

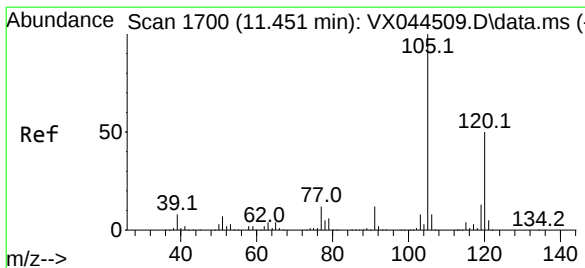
Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Tgt Ion:	75	Resp:	91521
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
110	42.5	33.3	49.9





#62

1,3,5-Trimethylbenzene

Concen: 45.317 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

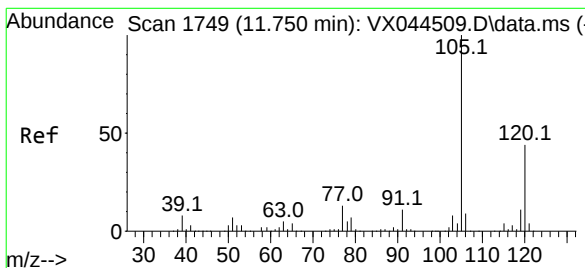
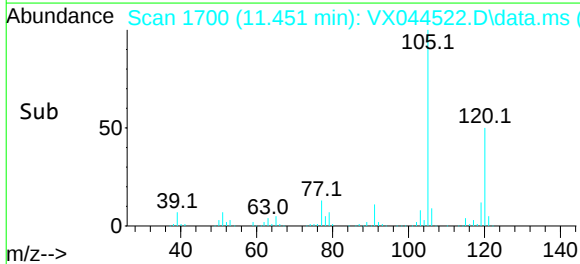
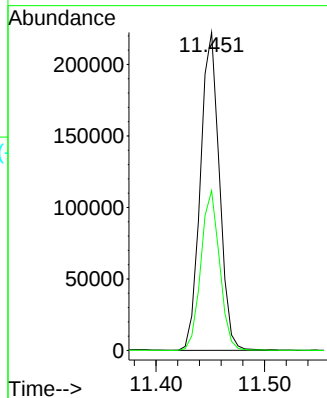
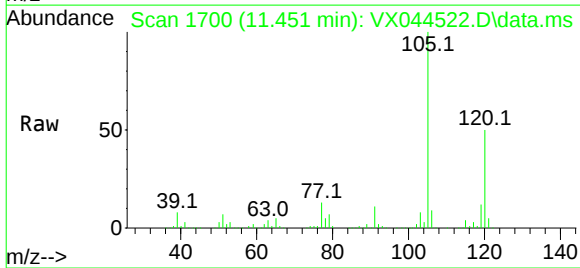
YE680MS

Tgt Ion:105 Resp: 270091

Ion Ratio Lower Upper

105 100

120 49.5 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 45.621 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044522.D

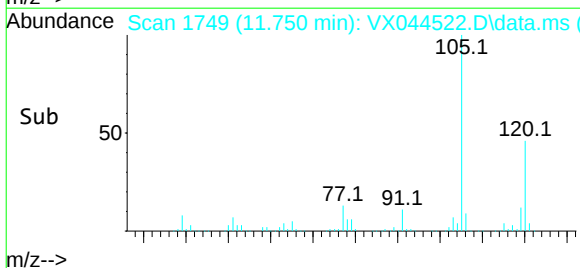
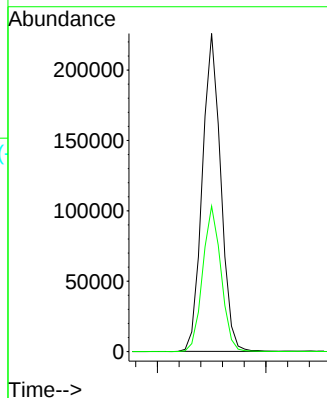
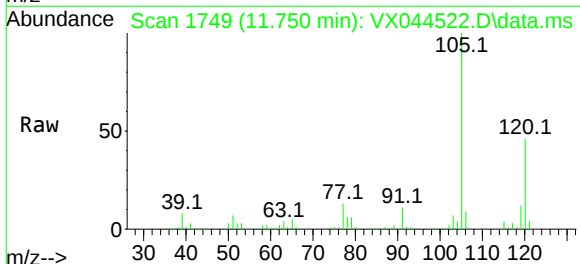
Acq: 27 Dec 2024 15:44

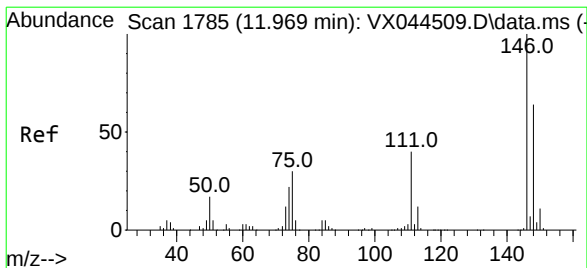
Tgt Ion:105 Resp: 266846

Ion Ratio Lower Upper

105 100

120 45.5 34.5 51.7





#64

1,3-Dichlorobenzene

Concen: 50.516 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

YE680MS

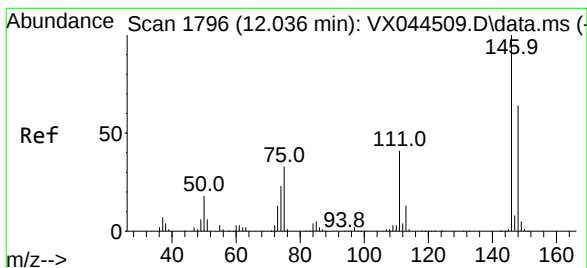
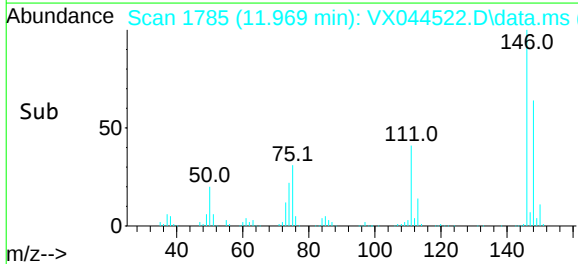
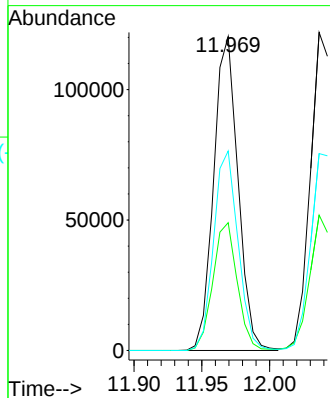
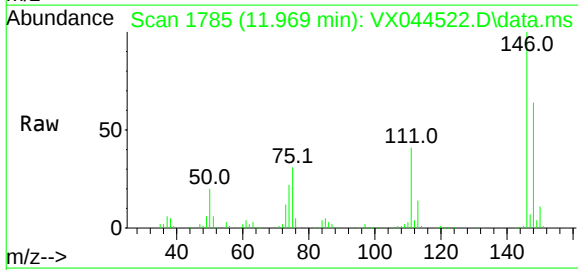
Tgt Ion:146 Resp: 150459

Ion Ratio Lower Upper

146 100

111 40.7 28.8 53.4

148 63.5 46.1 85.5



#65

1,4-Dichlorobenzene

Concen: 52.318 ug/L

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

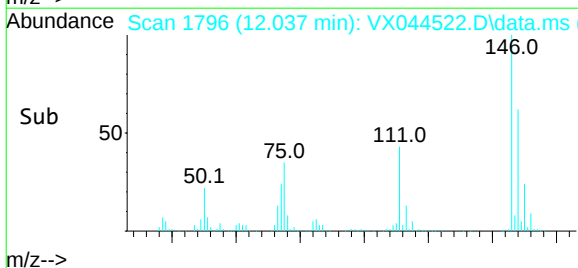
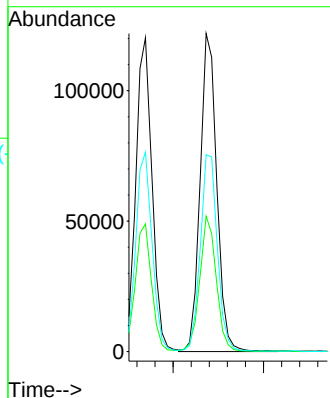
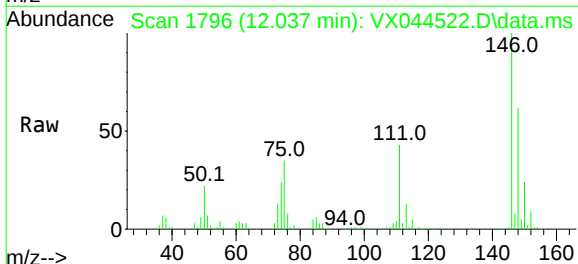
Tgt Ion:146 Resp: 155933

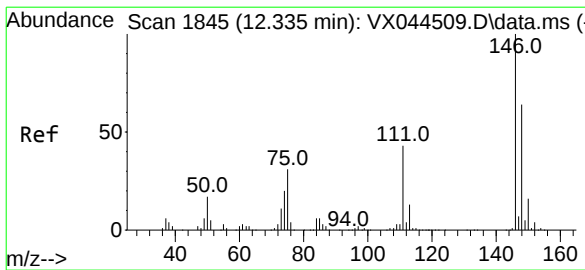
Ion Ratio Lower Upper

146 100

111 42.6 29.5 54.7

148 61.9 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 51.700 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

YE680MS

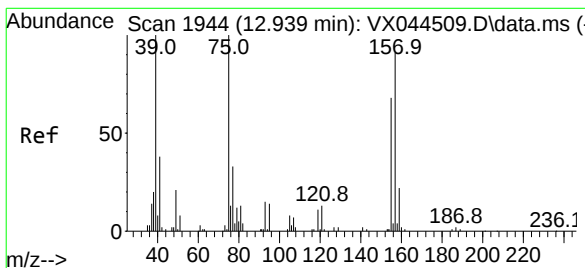
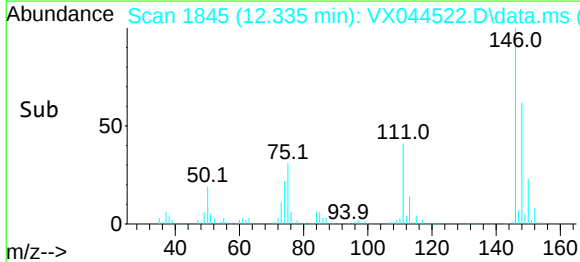
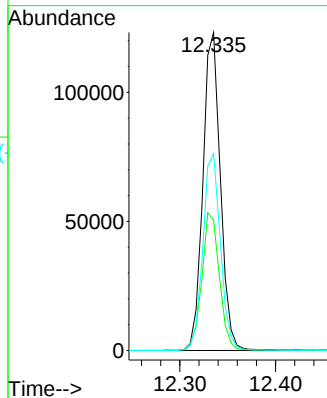
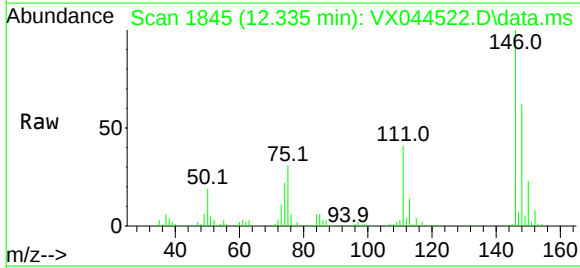
Tgt Ion:146 Resp: 156349

Ion Ratio Lower Upper

146 100

111 41.0 34.3 51.5

148 62.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 48.719 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

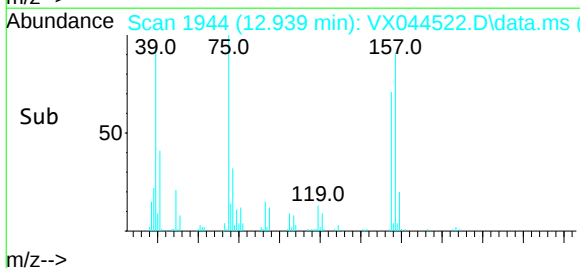
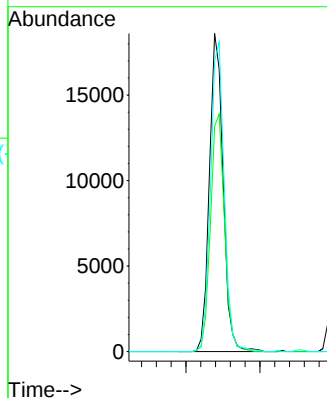
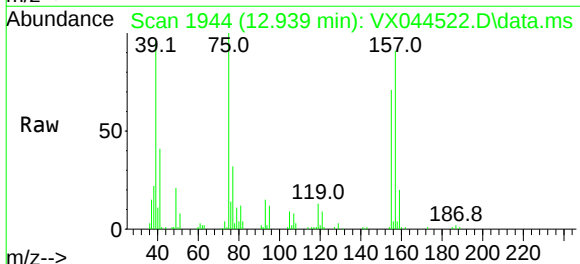
Tgt Ion: 75 Resp: 23868

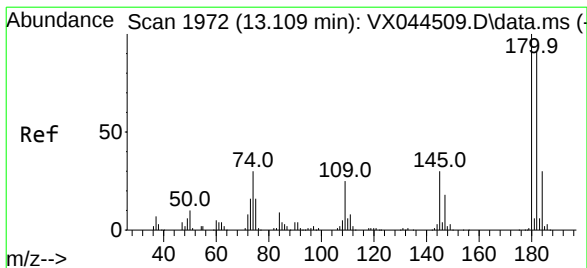
Ion Ratio Lower Upper

75 100

155 70.8 60.5 90.7

157 91.4 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 53.612 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX044522.D

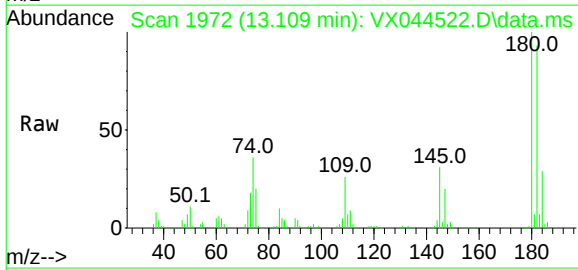
Acq: 27 Dec 2024 15:44

Instrument :

MSVOA_X

ClientSampleId :

YE680MS



Tgt Ion:180 Resp: 99626

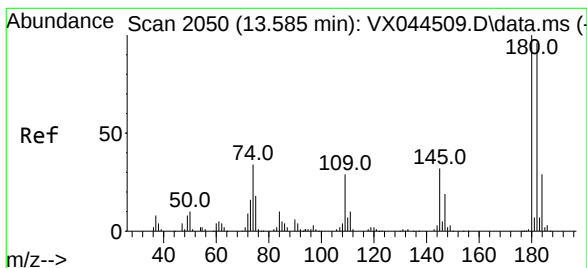
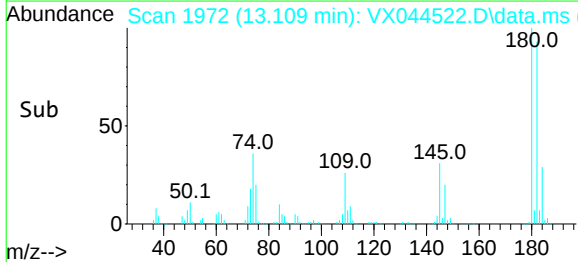
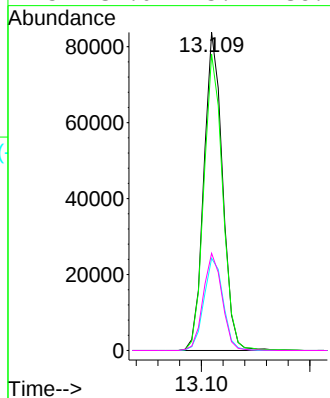
Ion Ratio Lower Upper

180 100

182 94.2 76.7 115.1

184 29.9 24.2 36.4

145 31.0 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 54.862 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044522.D

Acq: 27 Dec 2024 15:44

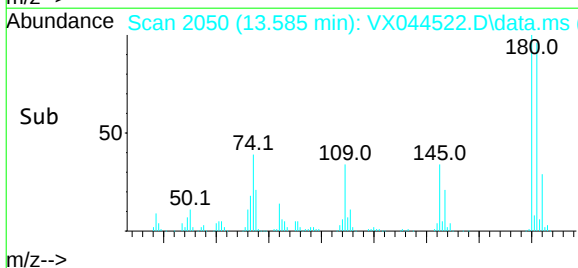
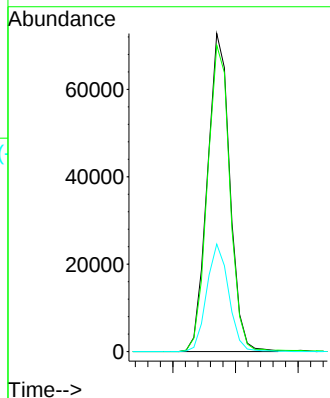
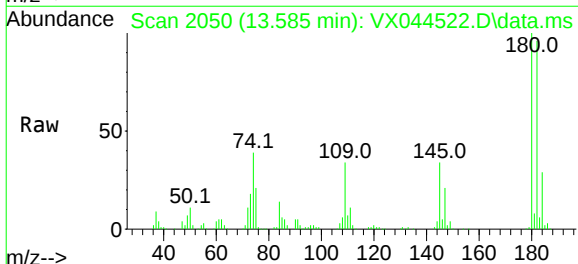
Tgt Ion:180 Resp: 90812

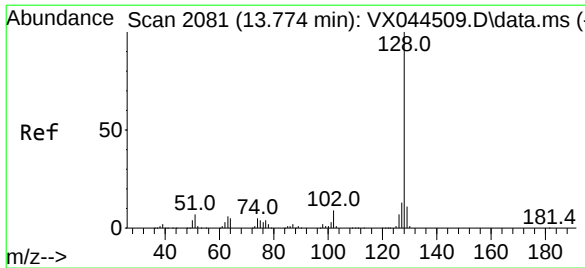
Ion Ratio Lower Upper

180 100

182 96.0 74.1 111.1

145 33.2 25.3 37.9

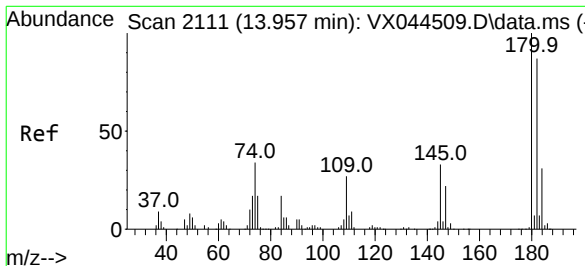
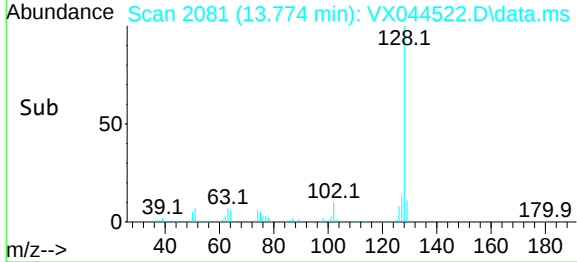
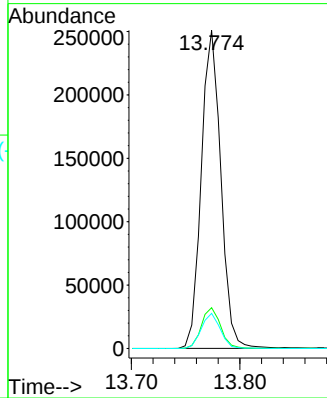
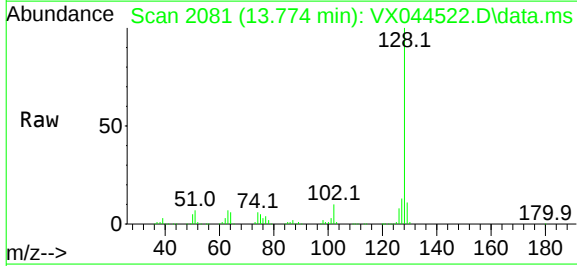




#71
Naphthalene
Concen: 46.457 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Instrument :
MSVOA_X
ClientSampleId :
YE680MS

Tgt Ion:128 Resp: 313514
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.740 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044522.D
Acq: 27 Dec 2024 15:44

Tgt Ion:180 Resp: 90981
Ion Ratio Lower Upper
180 100
182 94.3 73.8 110.6
145 32.5 27.4 41.2

