

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122724\
 Data File : VX044509.D
 Acq On : 27 Dec 2024 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 27 21:59:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 03:37:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	193479	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	176611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	92913	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	84313	47.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.240%
7) Chloroethane-d5	1.648	69	58350	42.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.080%
11) 1,1-Dichloroethene-d2	2.294	65	35213	46.503	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.000%
21) 2-Butanone-d5	4.458	46	94531	87.204	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.200%
24) Chloroform-d	5.044	84	156982	46.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.946	65	102192	42.985	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.980%
32) Benzene-d6	5.964	84	292334	47.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	7.299	67	88175	46.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.060%
41) Toluene-d8	8.641	98	262157	46.461	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.920%
43) trans-1,3-Dichloroprop...	8.945	79	39498	43.376	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.760%
47) 2-Hexanone-d5	9.384	63	63189	85.527	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.530%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	117916	46.409	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.820%
66) 1,2-Dichlorobenzene-d4	12.317	152	102371	47.288	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74081	47.214	ug/L	99
3) Chloromethane	1.294	50	68389	47.248	ug/L	97
5) Vinyl chloride	1.374	62	72056	46.141	ug/L	98
6) Bromomethane	1.593	94	48906	46.076	ug/L	98
8) Chloroethane	1.666	64	46471	44.950	ug/L	96
9) Trichlorofluoromethane	1.874	101	126853	43.597	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	70884	55.316	ug/L	96
12) 1,1-Dichloroethene	2.306	96	58888	51.629	ug/L #	63
13) Acetone	2.380	43	68178	70.681	ug/L	95
14) Carbon disulfide	2.501	76	92599	42.856	ug/L	99
15) Methyl Acetate	2.697	43	68517	43.804	ug/L	100
16) Methylene chloride	2.782	84	68873	52.473	ug/L	93
17) trans-1,2-Dichloroethene	3.081	96	59887	50.414	ug/L	90
18) Methyl tert-butyl Ether	3.111	73	224105	46.753	ug/L	97
19) 1,1-Dichloroethane	3.599	63	124417	49.925	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	75722	52.143	ug/L	94
22) 2-Butanone	4.556	43	94347	81.039	ug/L	98
23) Bromochloromethane	4.885	128	38853	54.861	ug/L	98
25) Chloroform	5.080	83	144869	51.651	ug/L	93

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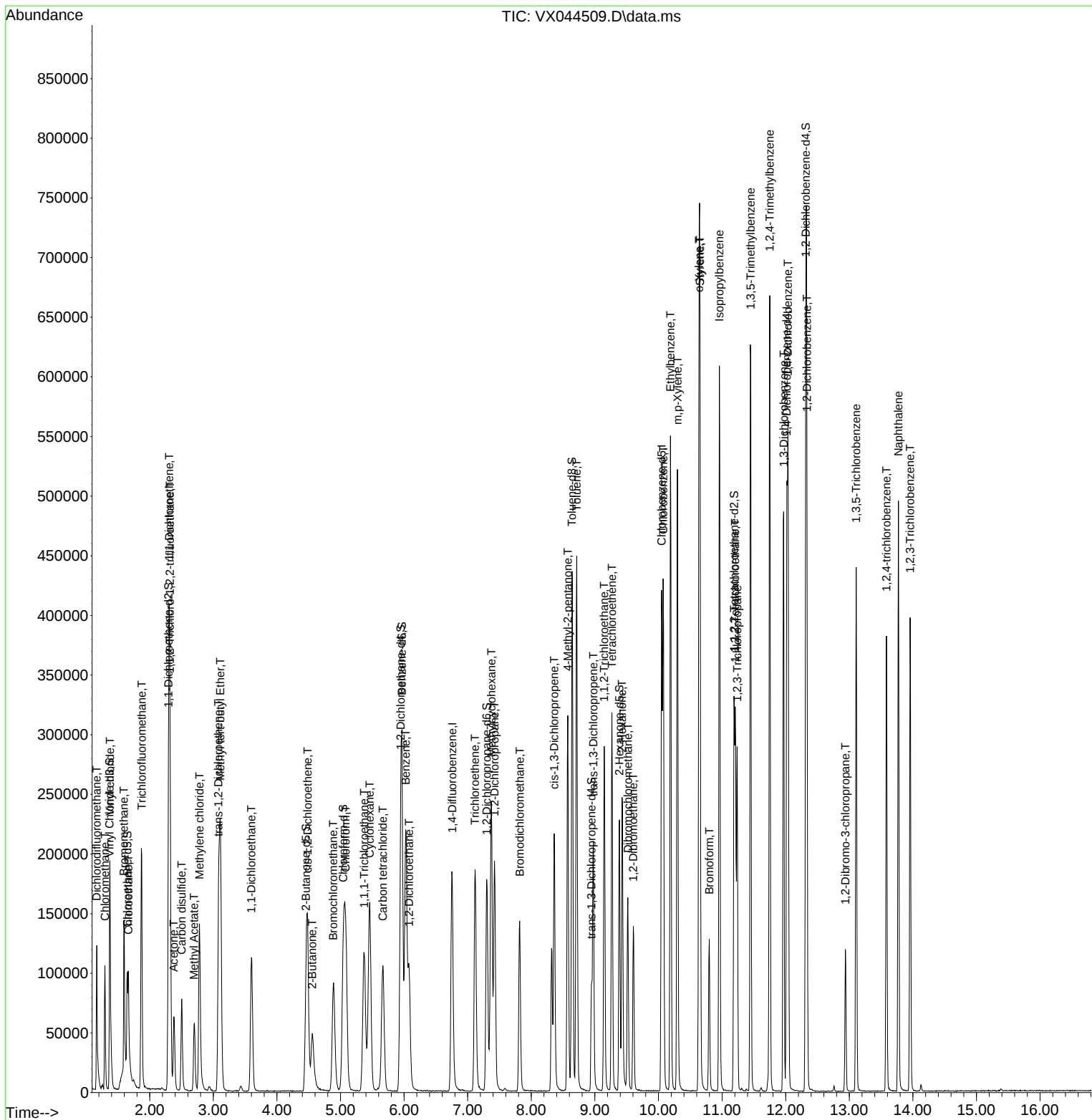
Instrument :
 MSVOA_X
 ClientSampleId :

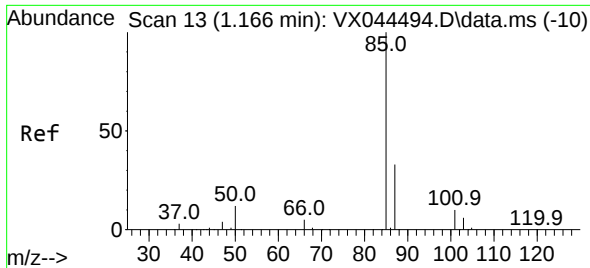
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 03:37:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	110048	47.195	ug/L	97
29) Cyclohexane	5.458	56	104449	47.665	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	115973	48.374	ug/L	98
31) Carbon tetrachloride	5.666	117	93630	49.861	ug/L	99
33) Benzene	6.025	78	260613	48.593	ug/L	100
34) Trichloroethene	7.117	95	71876	49.088	ug/L	96
35) Methylcyclohexane	7.373	83	109802	51.765	ug/L	99
37) 1,2-Dichloropropane	7.421	63	71679	49.773	ug/L	99
38) Bromodichloromethane	7.818	83	91271	48.375	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	108512	48.107	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	187381	84.046	ug/L	96
42) Toluene	8.714	91	285387	50.221	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	100487	47.001	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	74271	50.326	ug/L	99
46) Tetrachloroethene	9.269	164	55761	57.088	ug/L	95
48) 2-Hexanone	9.427	43	140783	80.199	ug/L	96
49) Dibromochloromethane	9.519	129	68232	52.307	ug/L	100
50) 1,2-Dibromoethane	9.604	107	75659	49.643	ug/L	97
51) Chlorobenzene	10.073	112	186420	51.133	ug/L	98
52) Ethylbenzene	10.189	91	316703	50.595	ug/L	98
53) m,p-Xylene	10.299	106	118253	52.158	ug/L	98
54) o-Xylene	10.640	106	120682	51.763	ug/L	90
55) Styrene	10.652	104	197967	52.063	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	111783	48.827	ug/L	98
59) Bromoform	10.799	173	43847	47.032	ug/L	97
60) Isopropylbenzene	10.957	105	315575	44.015	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	83344	38.729	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	276810	46.523	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	279162	47.807	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	152518	51.294	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	154174	51.815	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	156599	51.870	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	20983	42.902	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	100221	54.023	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	84232	50.973	ug/L	97
71) Naphthalene	13.774	128	289811	43.017	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	90362	51.475	ug/L	99

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

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QLast Update : Fri Dec 27 03:37:01 2024
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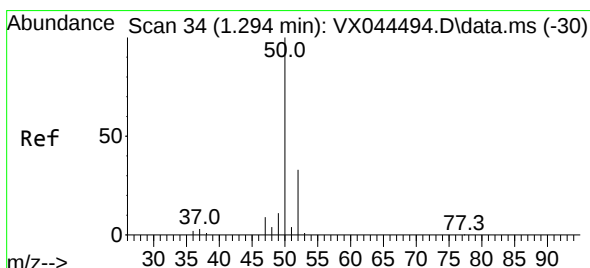
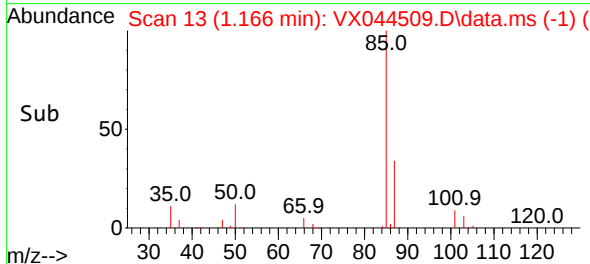
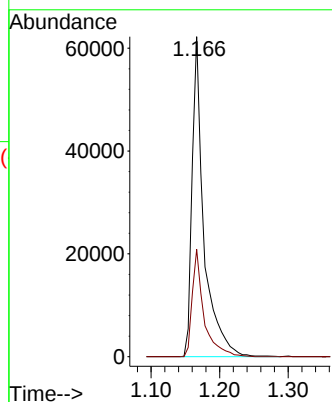
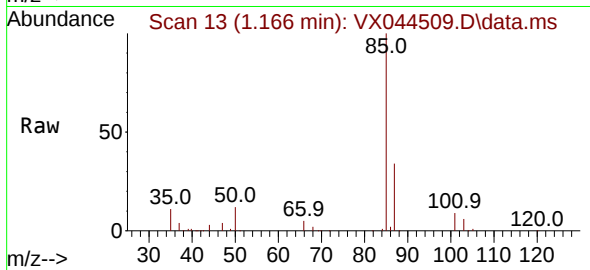




#2
Dichlorodifluoromethane
Concen: 47.214 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

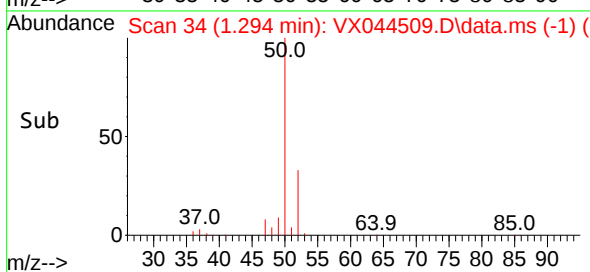
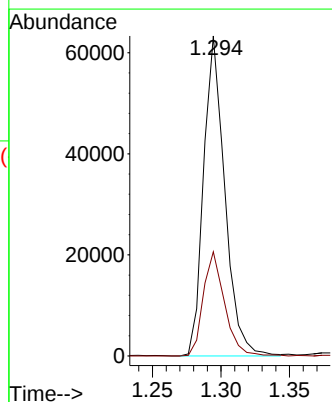
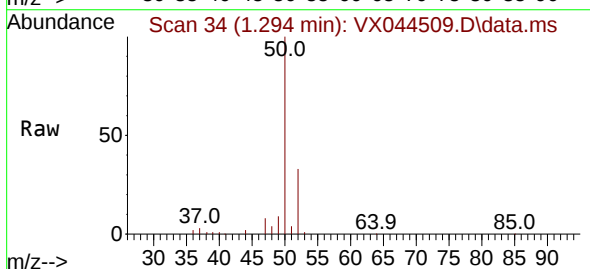
Instrument :
MSVOA_X
ClientSampleId :

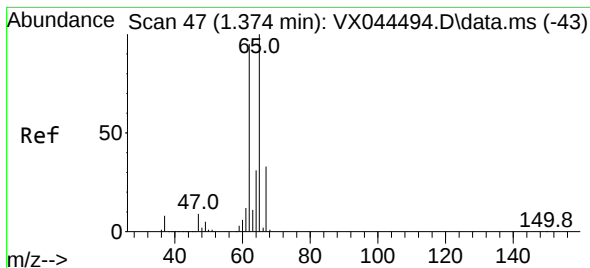
Tgt Ion: 85 Resp: 74081
Ion Ratio Lower Upper
85 100
87 33.3 26.1 39.1



#3
Chloromethane
Concen: 47.248 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion: 50 Resp: 68389
Ion Ratio Lower Upper
50 100
52 32.6 23.9 44.3





#5

Vinyl chloride

Concen: 46.141 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

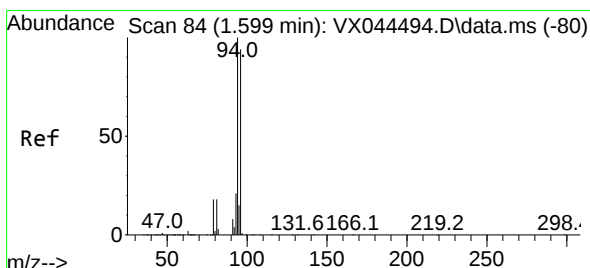
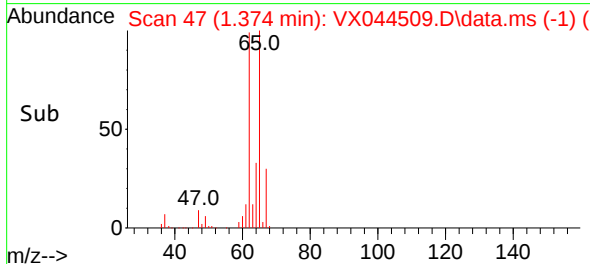
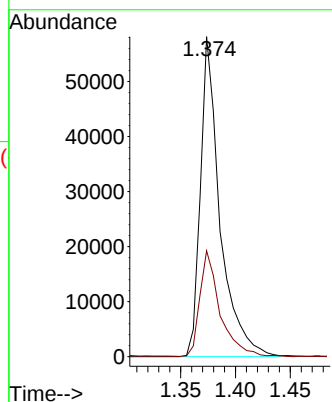
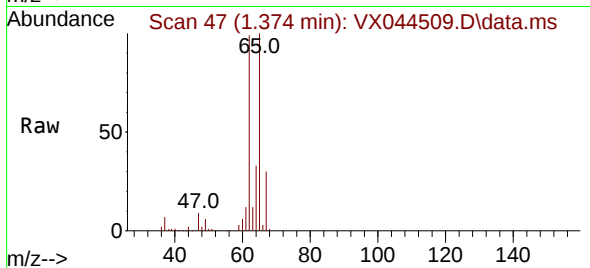
ClientSampleId :

Tgt Ion: 62 Resp: 72056

Ion Ratio Lower Upper

62 100

64 33.1 22.2 41.2



#6

Bromomethane

Concen: 46.076 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.006 min

Lab File: VX044509.D

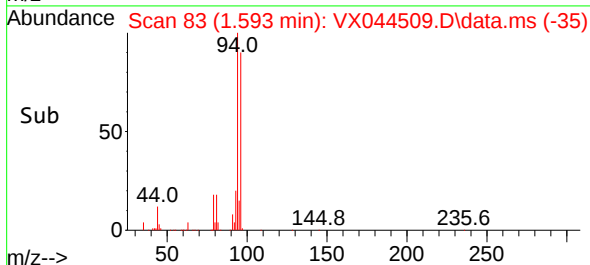
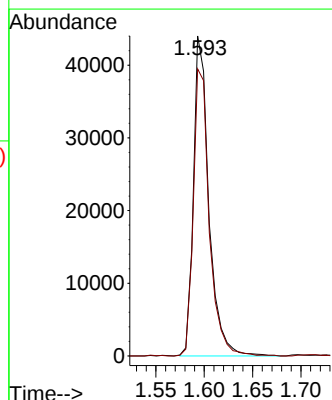
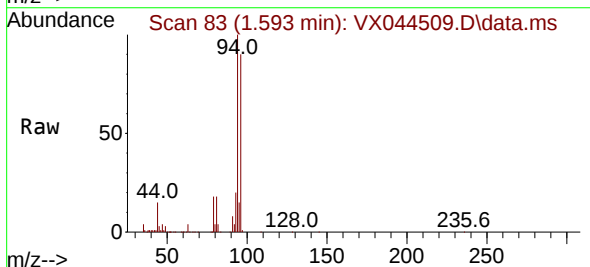
Acq: 27 Dec 2024 10:08

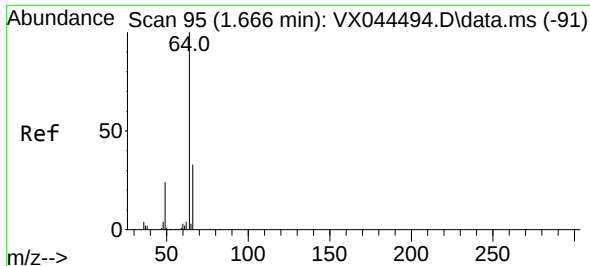
Tgt Ion: 94 Resp: 48906

Ion Ratio Lower Upper

94 100

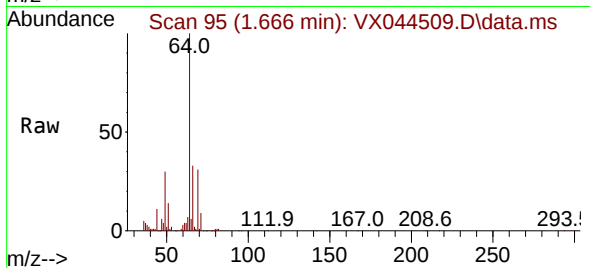
96 89.7 64.2 119.2



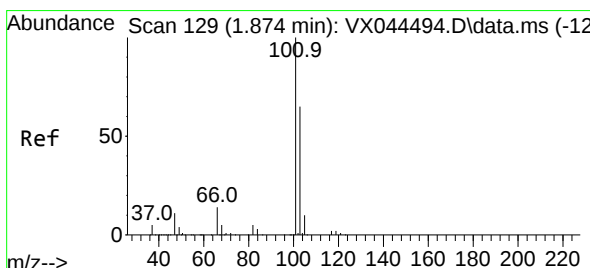
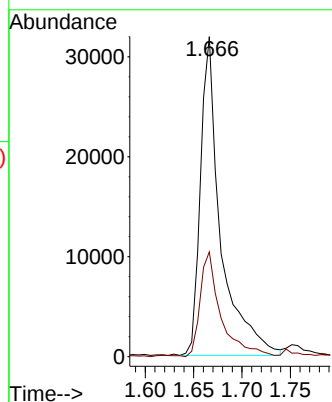
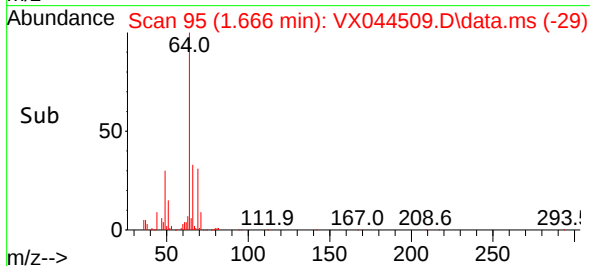


#8
Chloroethane
Concen: 44.950 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :

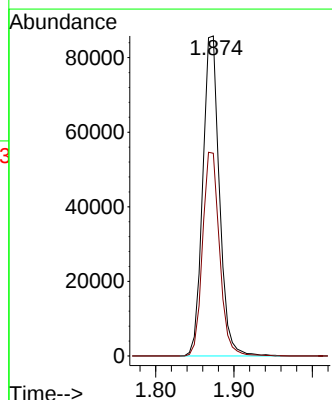
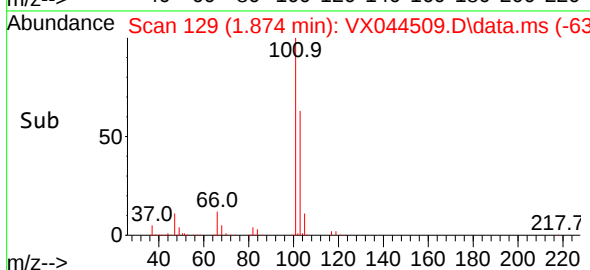
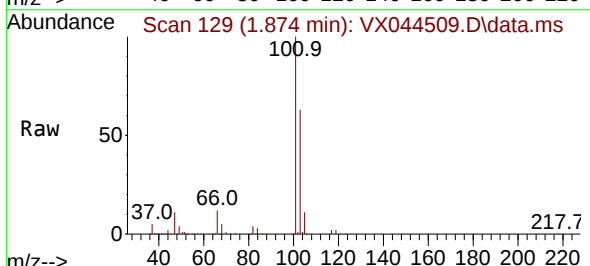


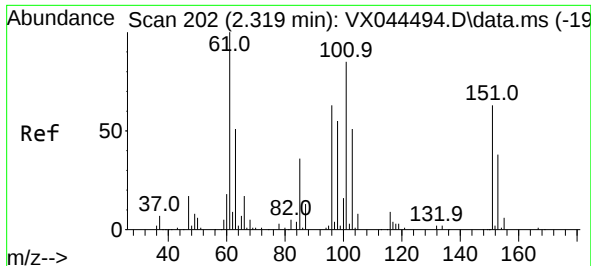
Tgt Ion: 64 Resp: 46471
Ion Ratio Lower Upper
64 100
66 32.8 21.5 39.9



#9
Trichlorofluoromethane
Concen: 43.597 ug/L
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion: 101 Resp: 126853
Ion Ratio Lower Upper
101 100
103 64.6 50.8 76.2

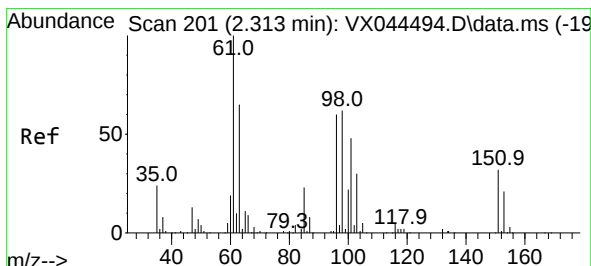
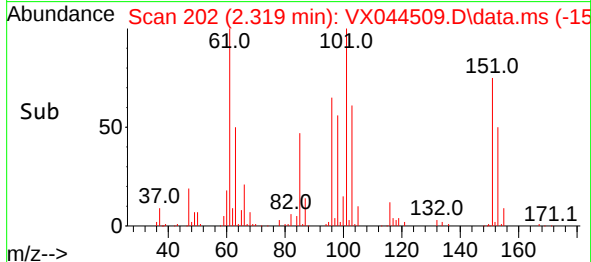
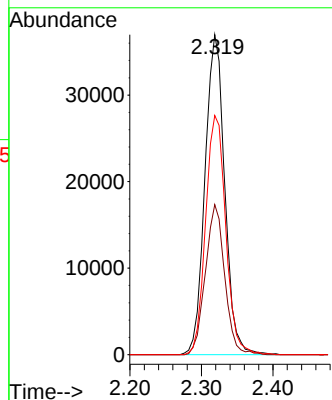
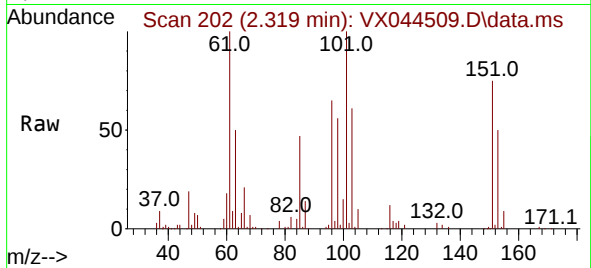




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.316 ug/L
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

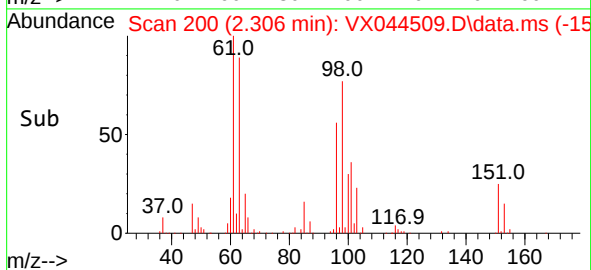
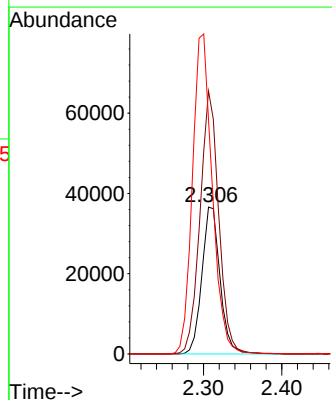
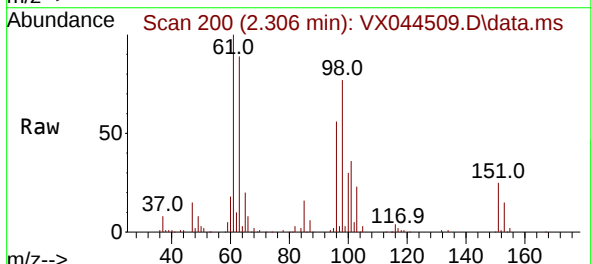
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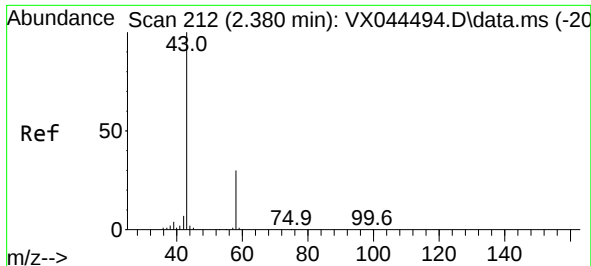
Tgt Ion:101 Resp: 70884
Ion Ratio Lower Upper
101 100
85 45.9 33.9 50.9
151 76.3 58.5 87.7



#12
1,1-Dichloroethene
Concen: 51.629 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion: 96 Resp: 58888
Ion Ratio Lower Upper
96 100
61 179.1 109.3 203.1
63 159.5 65.7 122.1#

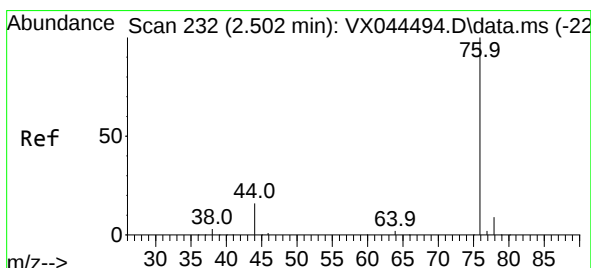
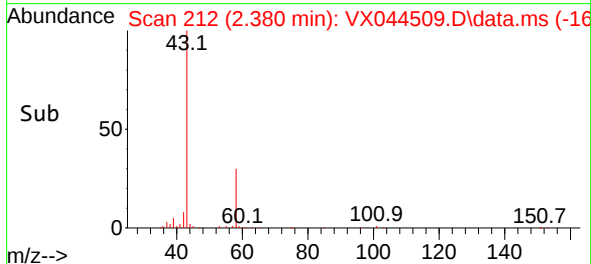
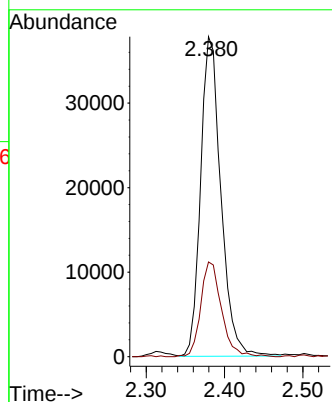
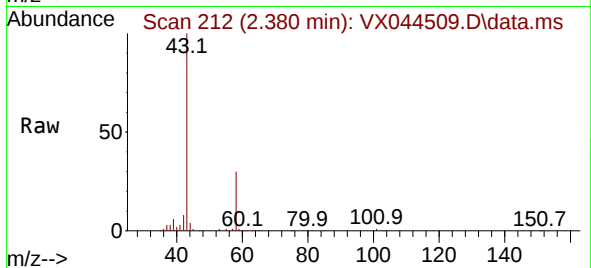




#13
Acetone
Concen: 70.681 ug/L
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

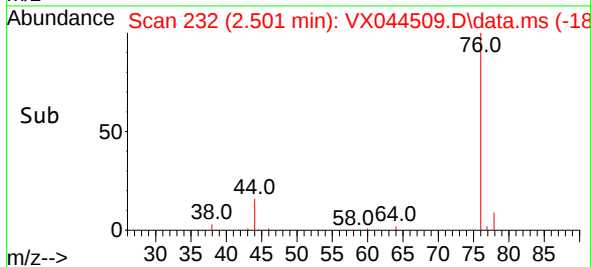
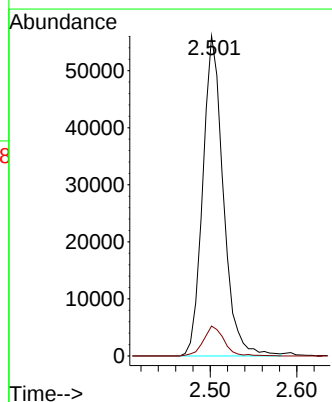
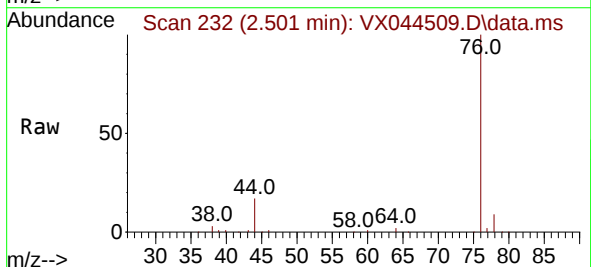
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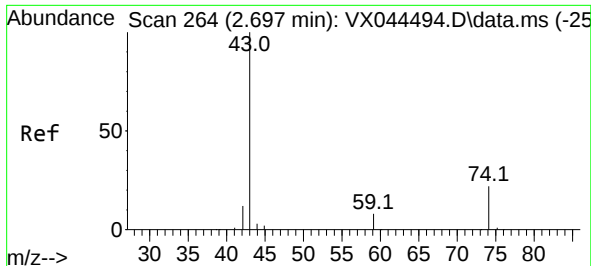
Tgt Ion: 43 Resp: 68178
Ion Ratio Lower Upper
43 100
58 30.0 0.0 66.0



#14
Carbon disulfide
Concen: 42.856 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion: 76 Resp: 92599
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

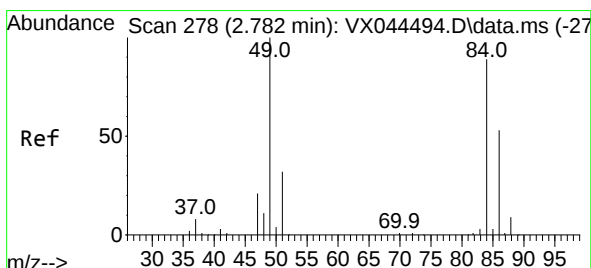
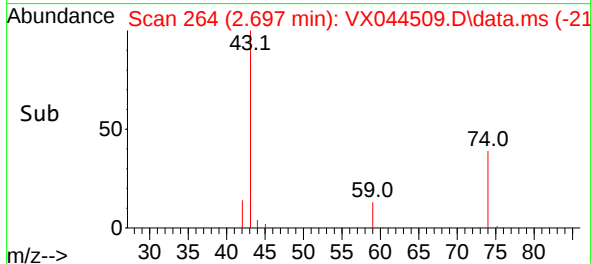
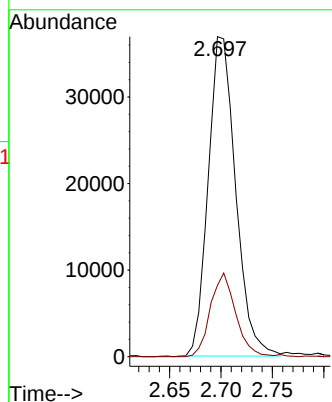
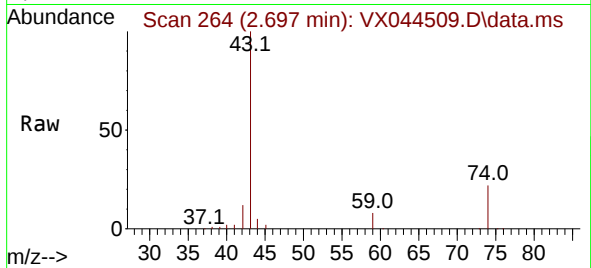




#15
Methyl Acetate
Concen: 43.804 ug/L
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

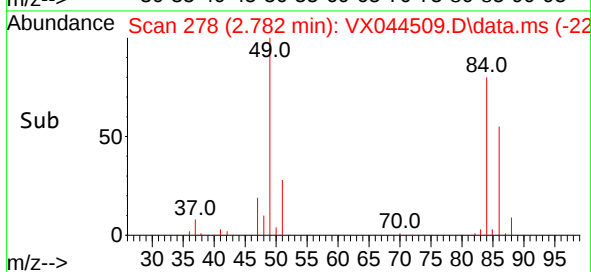
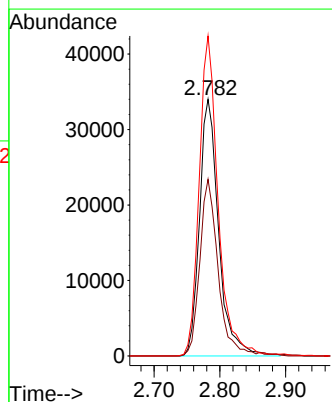
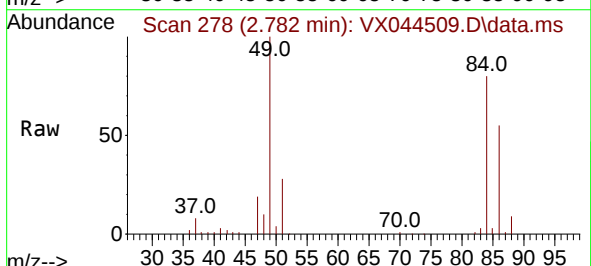
Instrument :
MSVOA_X
ClientSampleId :

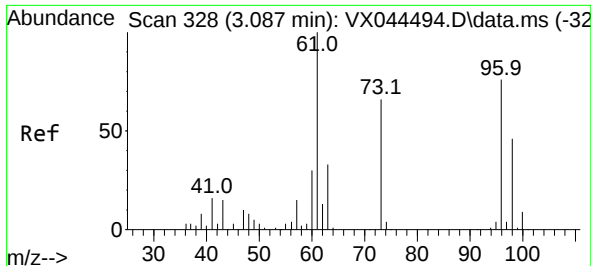
Tgt Ion: 43 Resp: 68517
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2



#16
Methylene chloride
Concen: 52.473 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion: 84 Resp: 68873
Ion Ratio Lower Upper
84 100
86 68.9 46.0 85.4
49 124.7 80.8 150.2

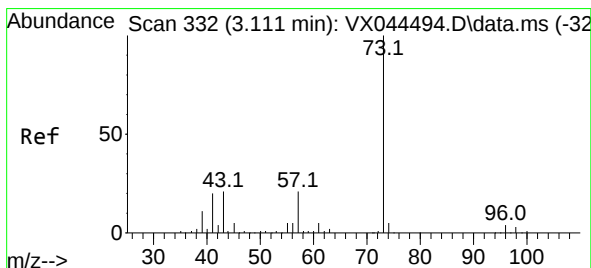
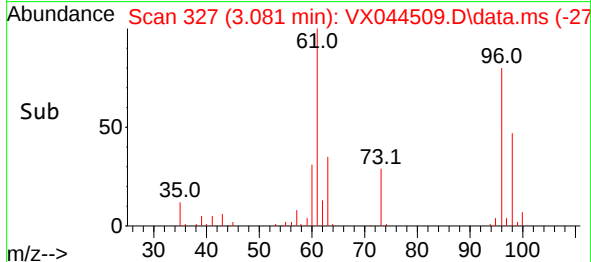
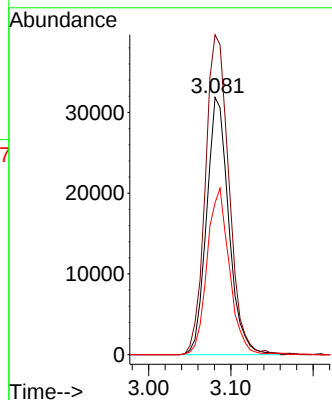
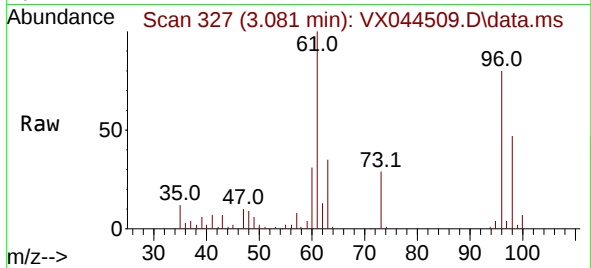




#17
trans-1,2-Dichloroethene
Concen: 50.414 ug/L
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

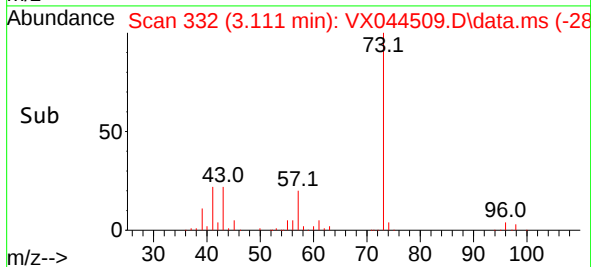
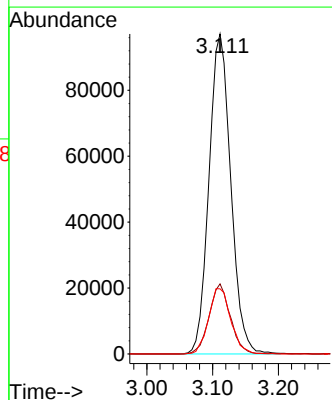
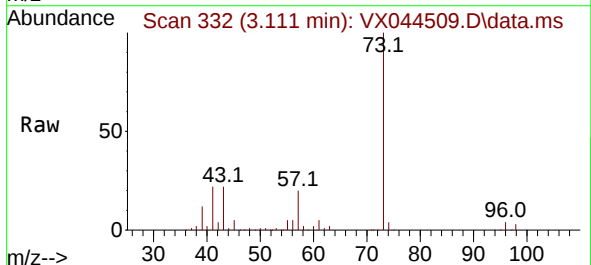
Instrument :
MSVOA_X
ClientSampleId :

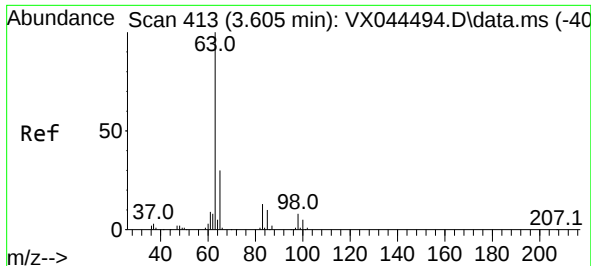
Tgt Ion: 96 Resp: 59887
Ion Ratio Lower Upper
96 100
61 124.4 95.7 177.7
98 59.0 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 46.753 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion: 73 Resp: 224105
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: 49.925 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

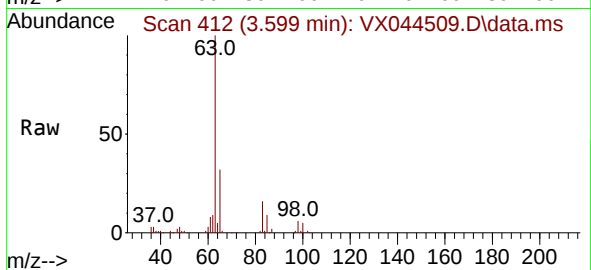
Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :



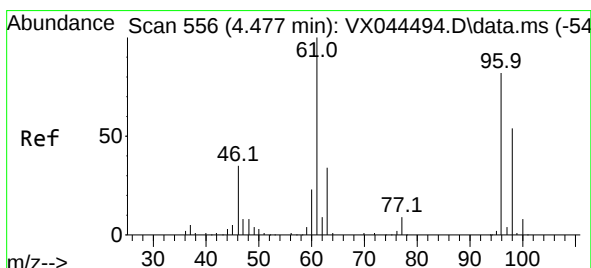
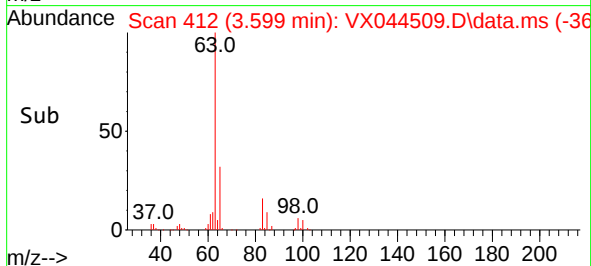
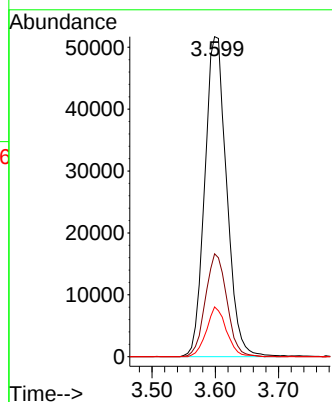
Tgt Ion: 63 Resp: 124417

Ion Ratio Lower Upper

63 100

65 32.2 23.2 43.2

83 15.5 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 52.143 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

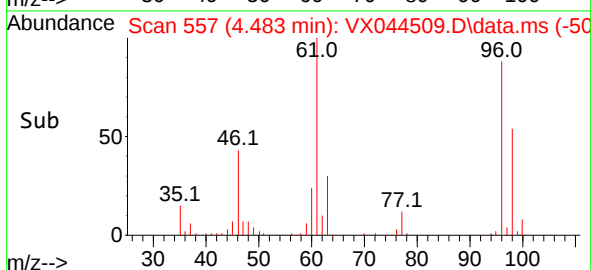
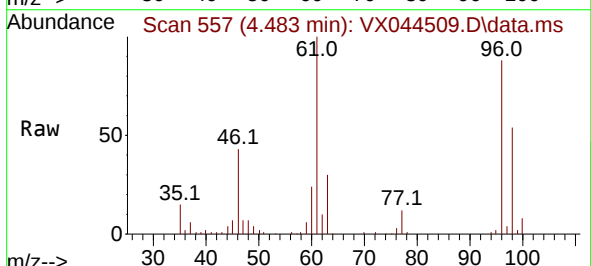
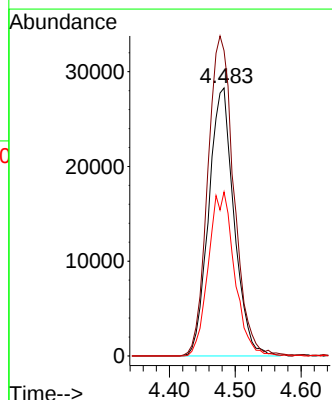
Tgt Ion: 96 Resp: 75722

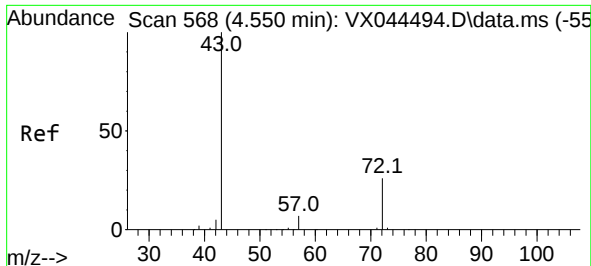
Ion Ratio Lower Upper

96 100

61 113.9 85.0 158.0

98 61.2 44.6 82.8

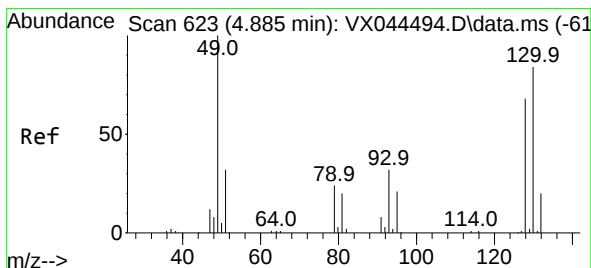
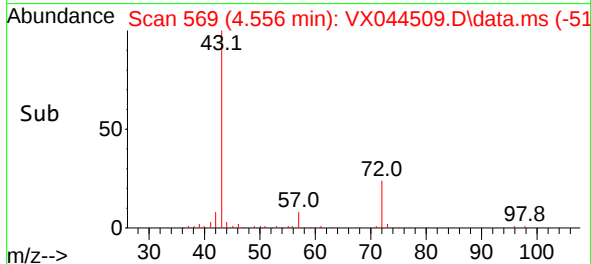
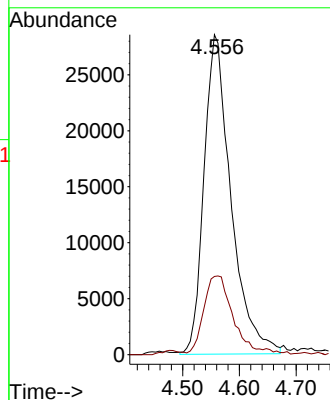
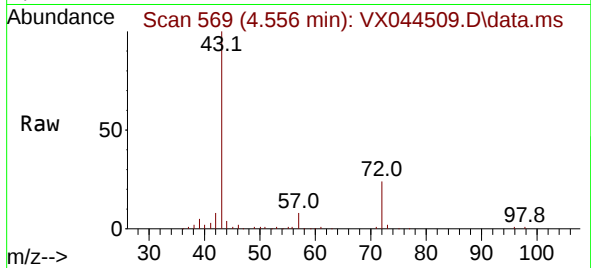




#22
2-Butanone
Concen: 81.039 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

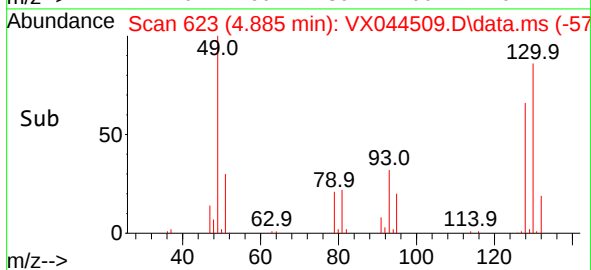
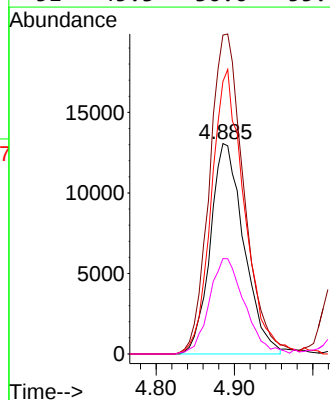
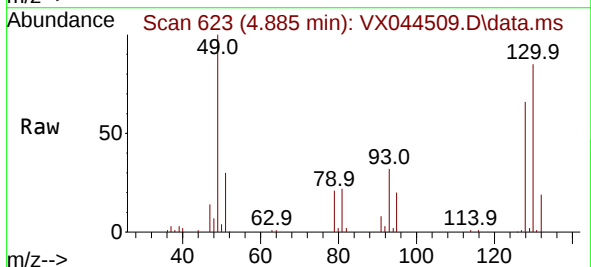
Instrument :
MSVOA_X
ClientSampleId :

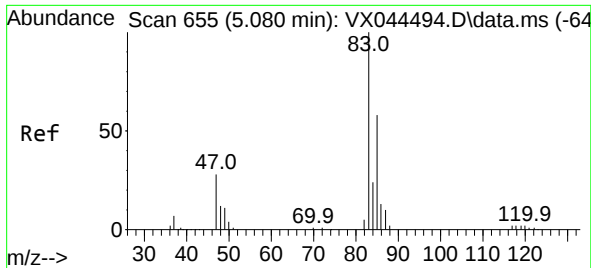
Tgt Ion: 43 Resp: 94347
Ion Ratio Lower Upper
43 100
72 25.1 13.1 39.3



#23
Bromochloromethane
Concen: 54.861 ug/L
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion:128 Resp: 38853
Ion Ratio Lower Upper
128 100
49 151.5 103.7 192.5
130 129.5 89.1 165.5
51 45.3 36.6 55.0





#25

Chloroform

Concen: 51.651 ug/L

RT: 5.080 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

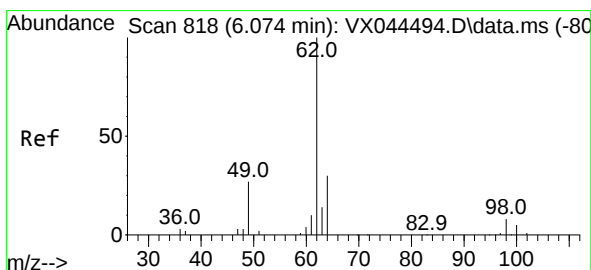
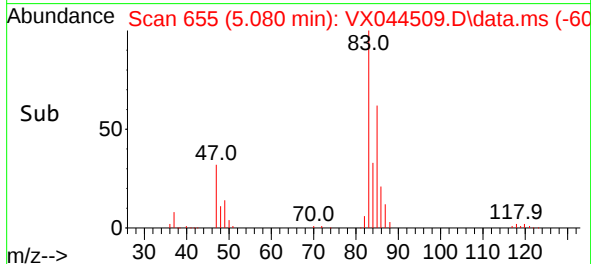
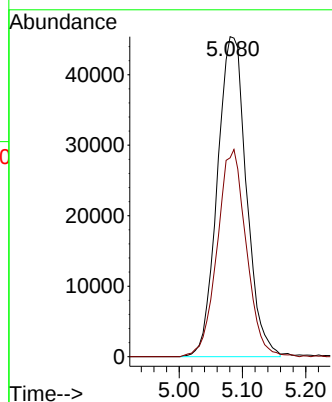
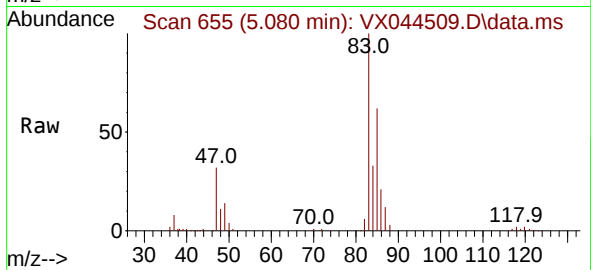
ClientSampleId :

Tgt Ion: 83 Resp: 144869

Ion Ratio Lower Upper

83 100

85 62.2 47.7 88.7



#27

1,2-Dichloroethane

Concen: 47.195 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.006 min

Lab File: VX044509.D

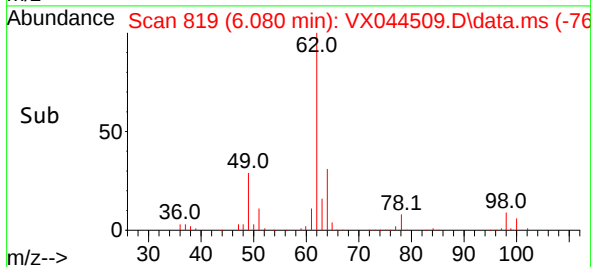
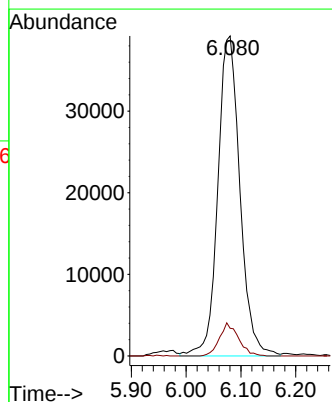
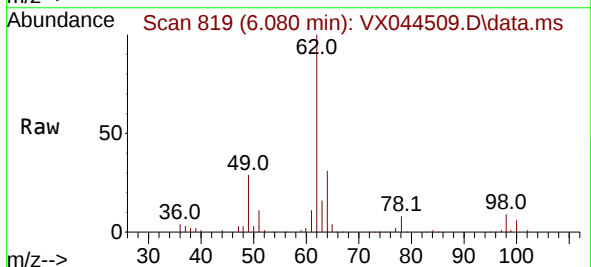
Acq: 27 Dec 2024 10:08

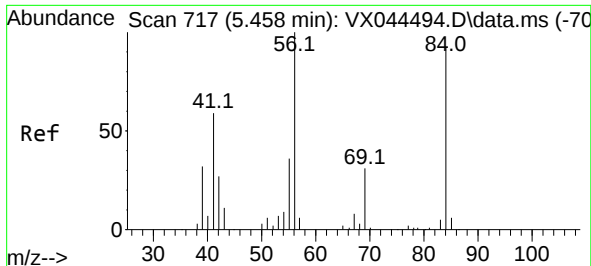
Tgt Ion: 62 Resp: 110048

Ion Ratio Lower Upper

62 100

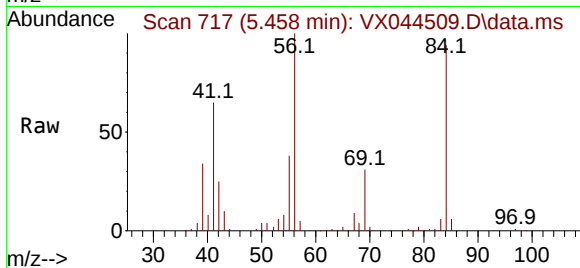
98 8.7 7.7 11.5



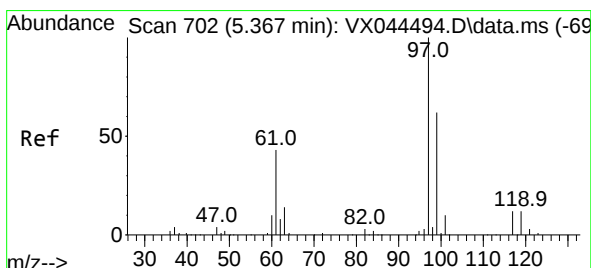
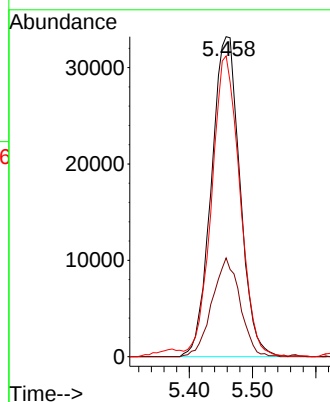
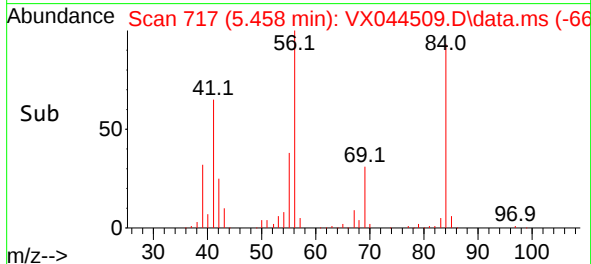


#29
Cyclohexane
Concen: 47.665 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :

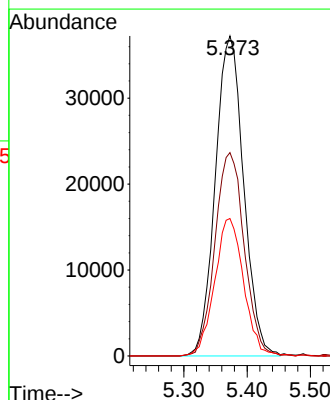
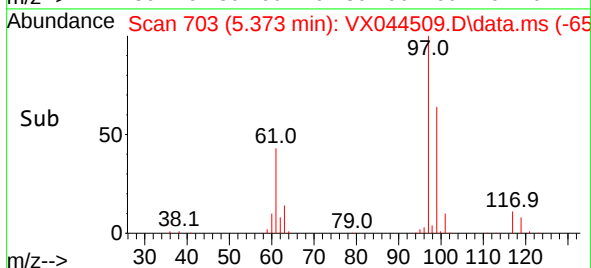
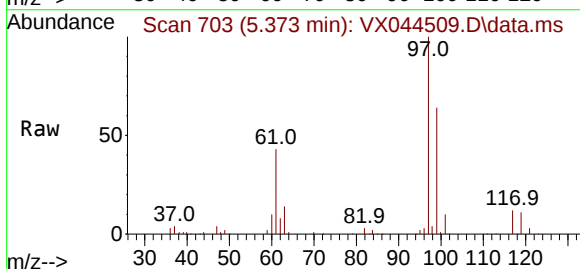


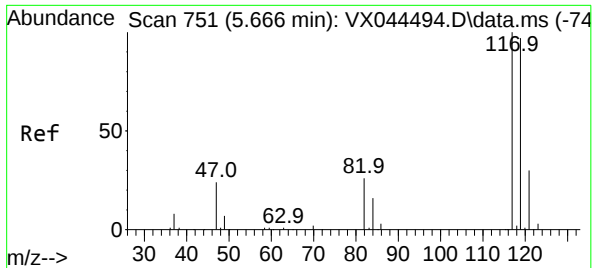
Tgt Ion: 56 Resp: 104449
Ion Ratio Lower Upper
56 100
69 30.0 25.1 37.7
84 92.3 72.9 109.3



#30
1,1,1-Trichloroethane
Concen: 48.374 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

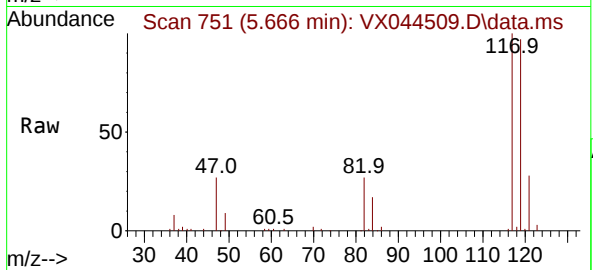
Tgt Ion: 97 Resp: 115973
Ion Ratio Lower Upper
97 100
99 65.6 52.2 78.2
61 43.8 32.8 49.2



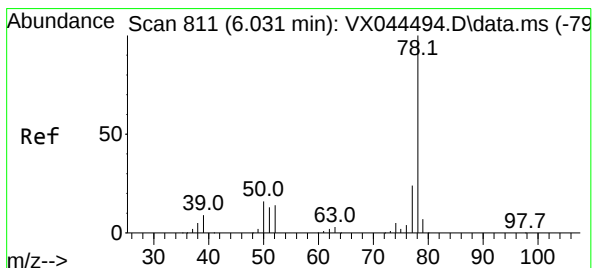
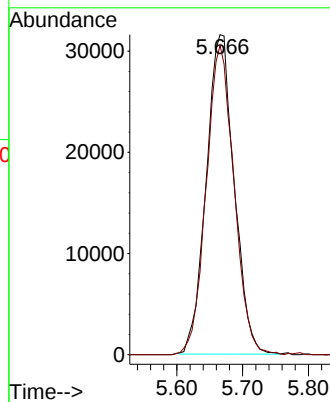
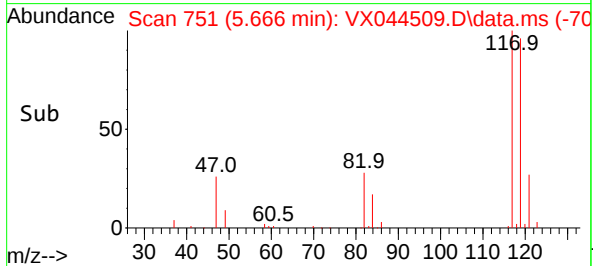


#31
Carbon tetrachloride
Concen: 49.861 ug/L
RT: 5.666 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :

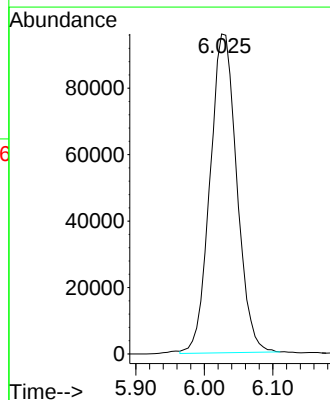
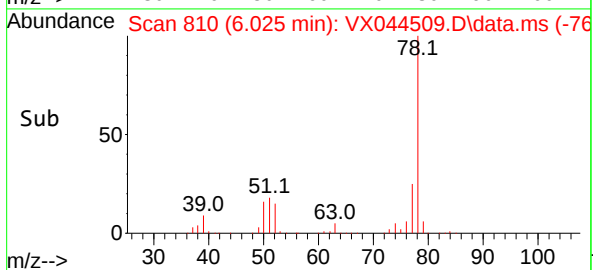
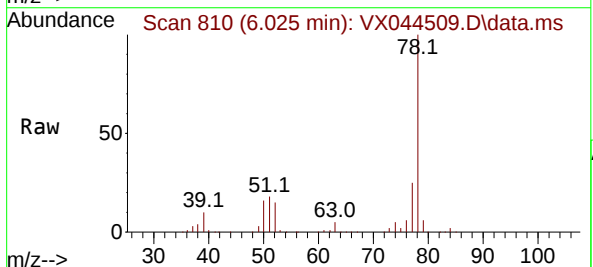


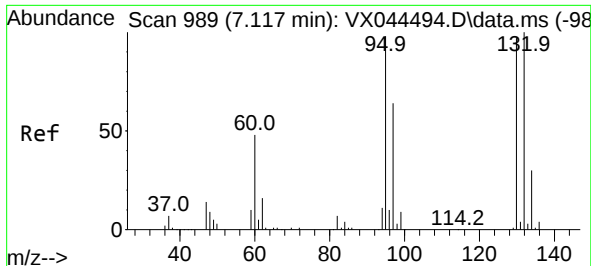
Tgt Ion:117 Resp: 93630
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5



#33
Benzene
Concen: 48.593 ug/L
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

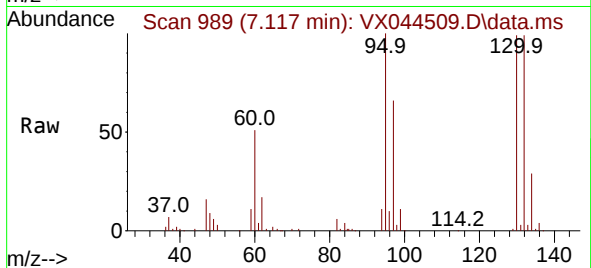
Tgt Ion: 78 Resp: 260613



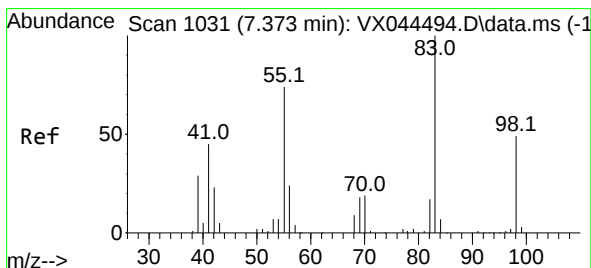
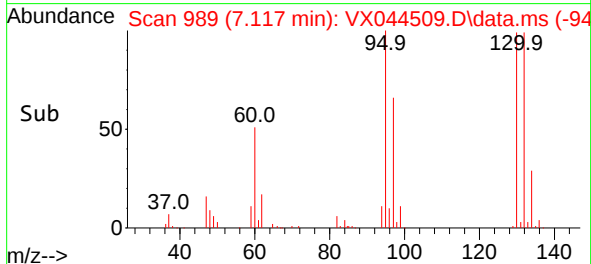
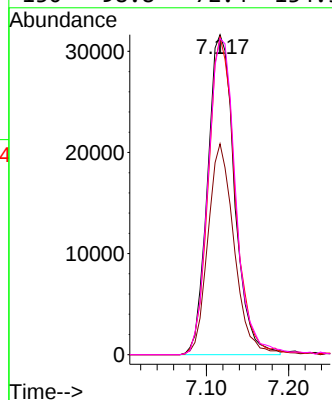


#34
Trichloroethene
Concen: 49.088 ug/L
RT: 7.117 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :

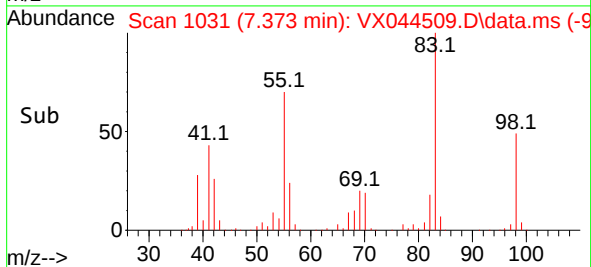
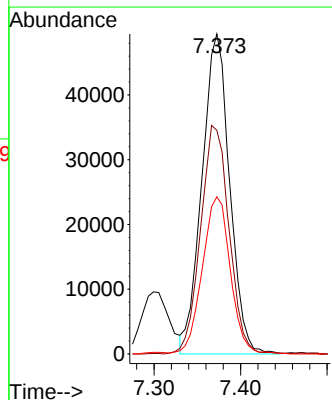
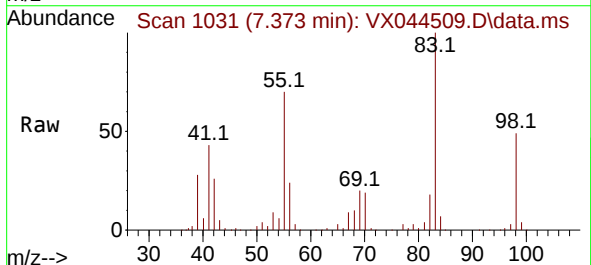


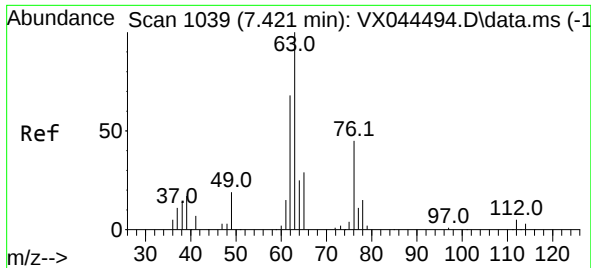
Tgt Ion: 95 Resp: 71876
Ion Ratio Lower Upper
95 100
97 65.9 45.0 83.6
132 99.3 66.6 123.8
130 98.8 72.4 134.5



#35
Methylcyclohexane
Concen: 51.765 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion: 83 Resp: 109802
Ion Ratio Lower Upper
83 100
55 73.1 58.5 87.7
98 48.9 40.5 60.7





#37

1,2-Dichloropropane

Concen: 49.773 ug/L

RT: 7.421 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

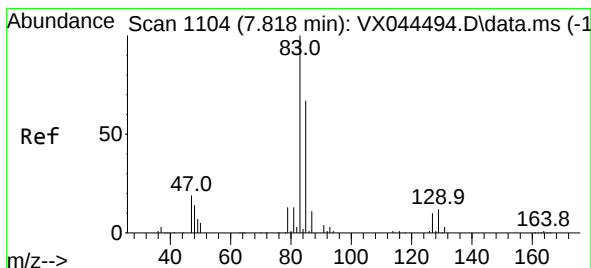
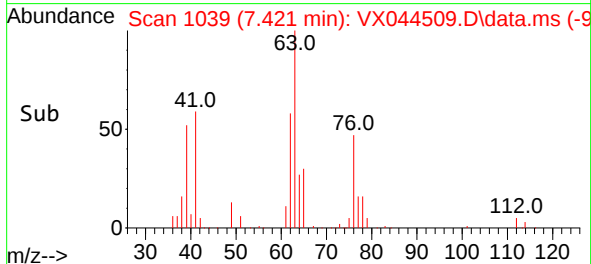
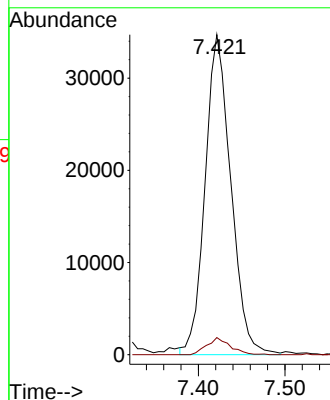
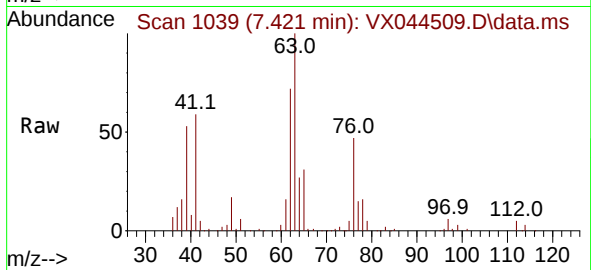
ClientSampleId :

Tgt Ion: 63 Resp: 71679

Ion Ratio Lower Upper

63 100

112 4.8 3.6 5.4



#38

Bromodichloromethane

Concen: 48.375 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

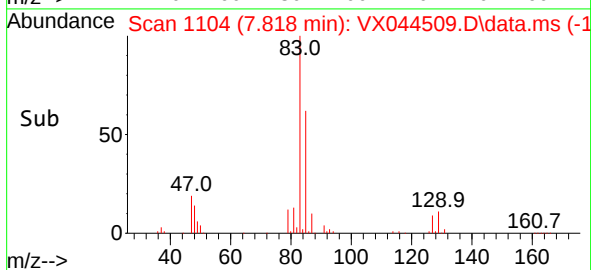
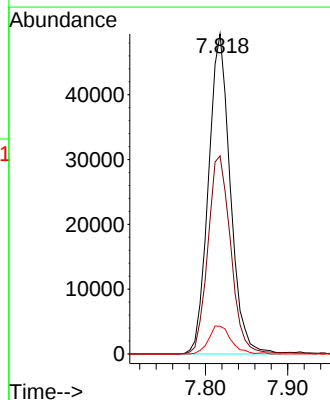
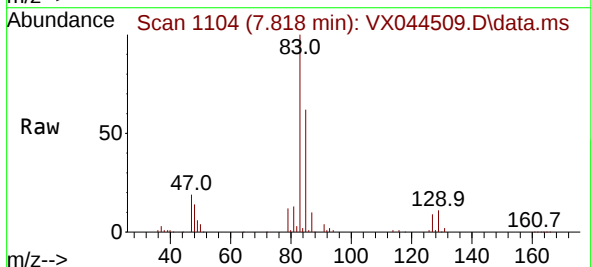
Tgt Ion: 83 Resp: 91271

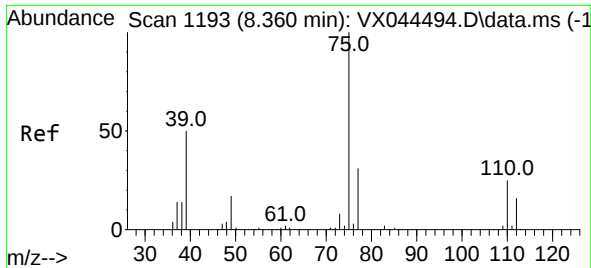
Ion Ratio Lower Upper

83 100

85 61.9 44.1 81.9

127 8.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 48.107 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

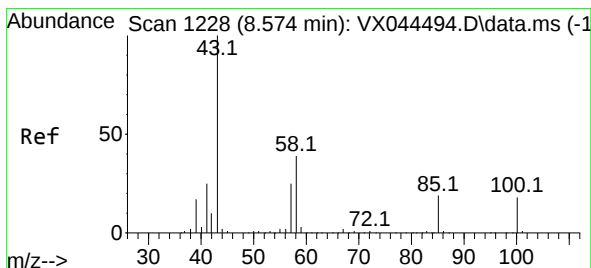
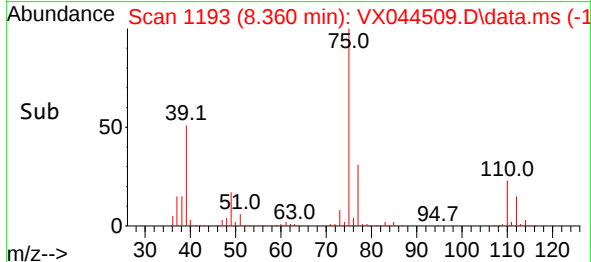
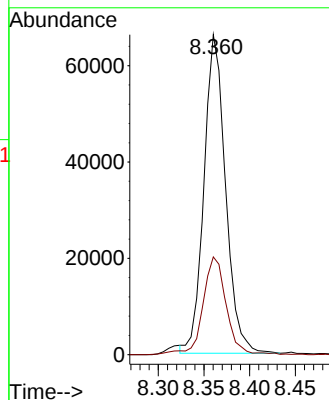
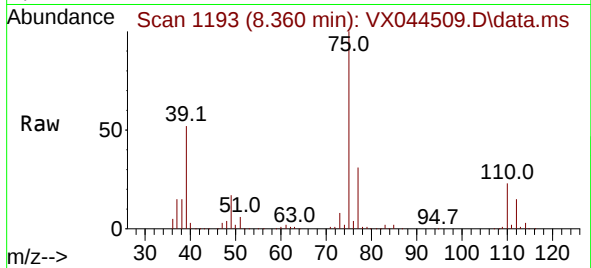
ClientSampleId :

Tgt Ion: 75 Resp: 108512

Ion Ratio Lower Upper

75 100

77 30.5 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 84.046 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

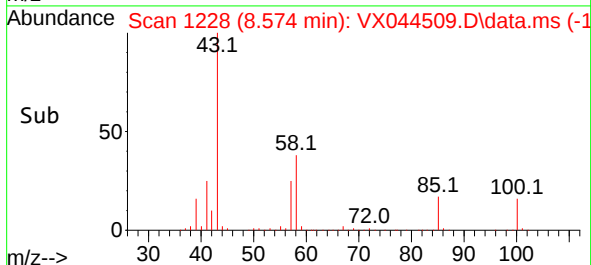
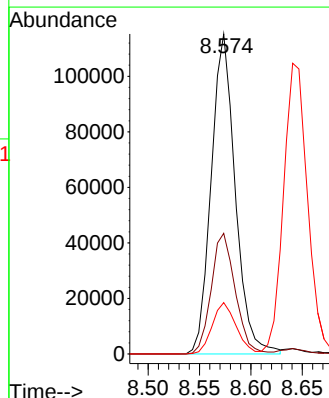
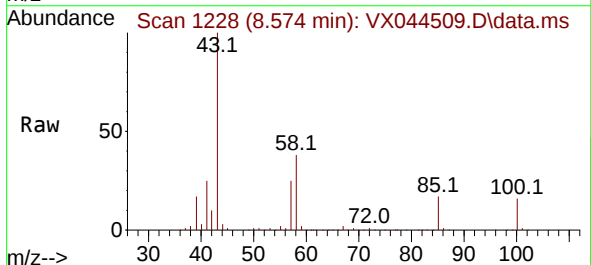
Tgt Ion: 43 Resp: 187381

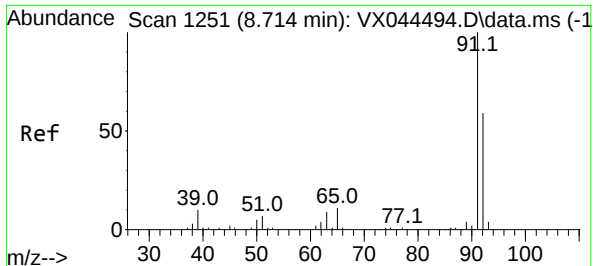
Ion Ratio Lower Upper

43 100

58 37.7 32.4 48.6

100 15.9 13.7 20.5





#42

Toluene

Concen: 50.221 ug/L

RT: 8.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

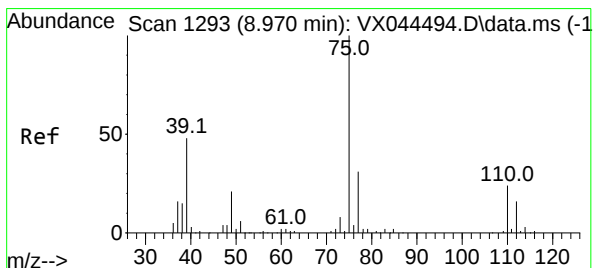
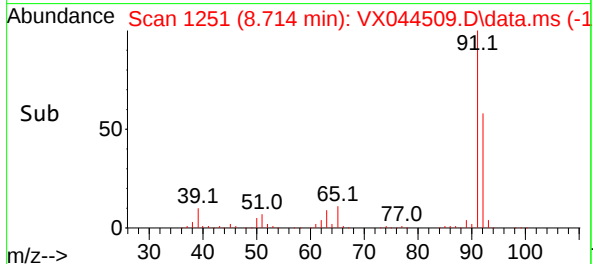
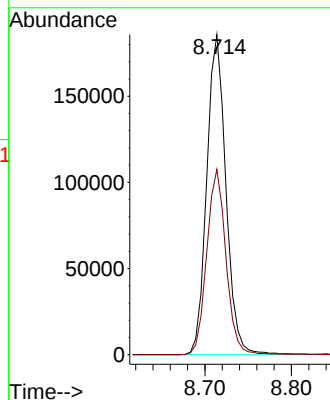
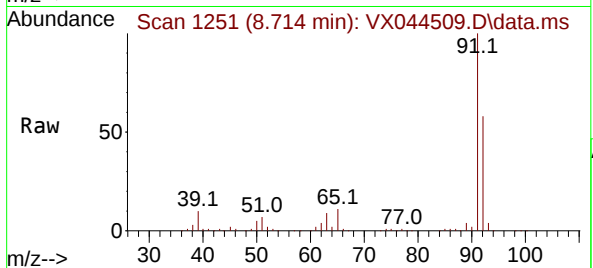
ClientSampleId :

Tgt Ion: 91 Resp: 285387

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 47.001 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VX044509.D

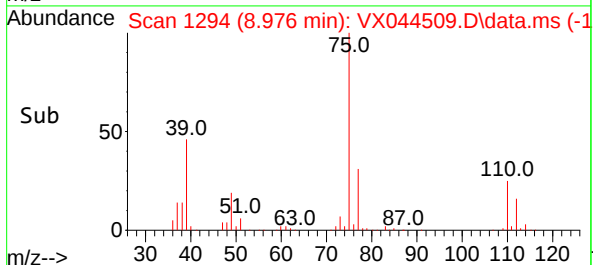
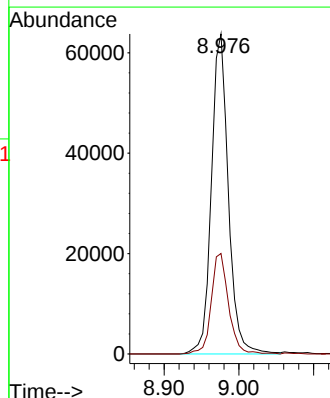
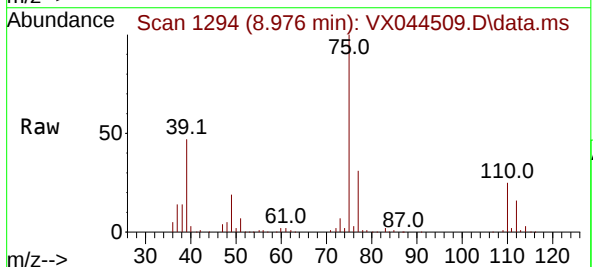
Acq: 27 Dec 2024 10:08

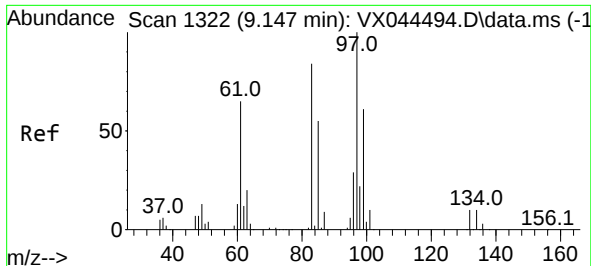
Tgt Ion: 75 Resp: 100487

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 50.326 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 74271

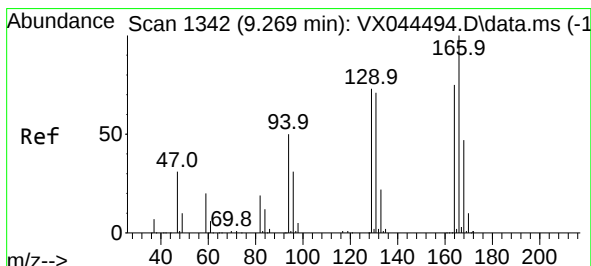
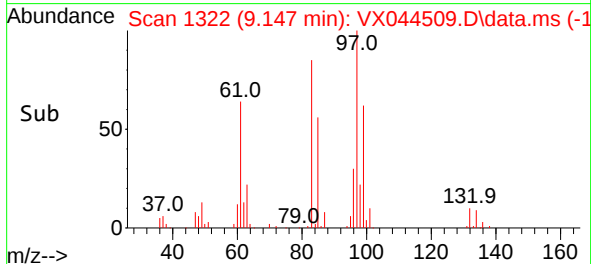
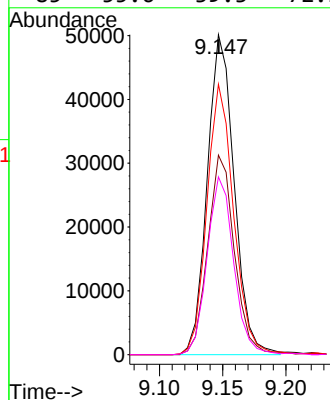
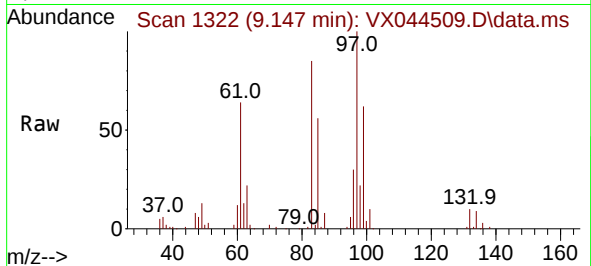
Ion Ratio Lower Upper

97 100

99 62.3 43.4 80.6

83 84.5 60.2 111.8

85 55.6 39.3 72.9



#46

Tetrachloroethene

Concen: 57.088 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Tgt Ion:164 Resp: 55761

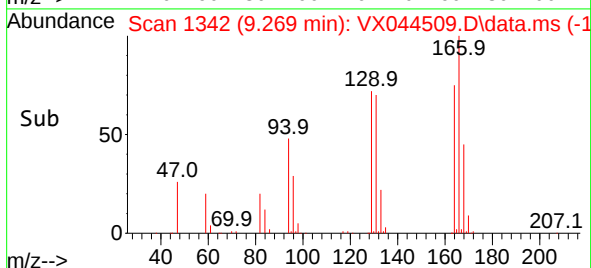
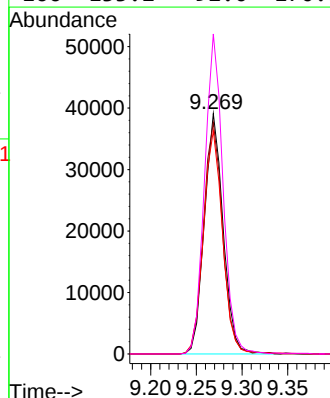
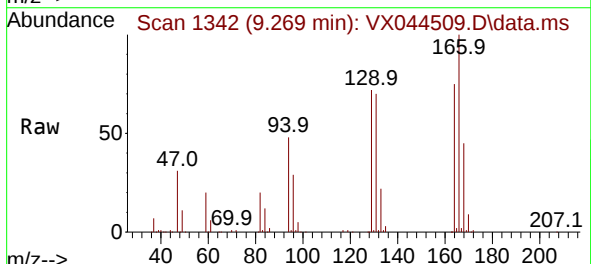
Ion Ratio Lower Upper

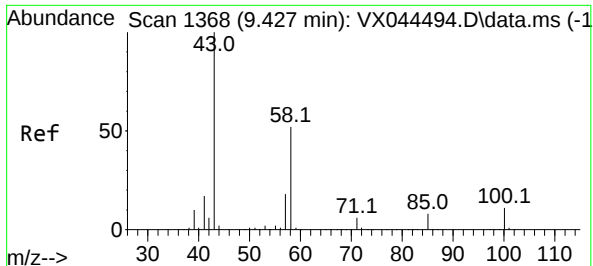
164 100

129 96.3 73.6 136.6

131 92.9 70.2 130.4

166 133.2 92.0 170.8

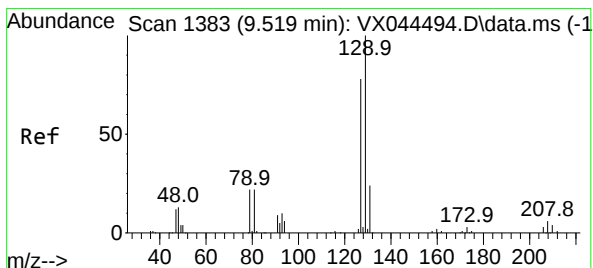
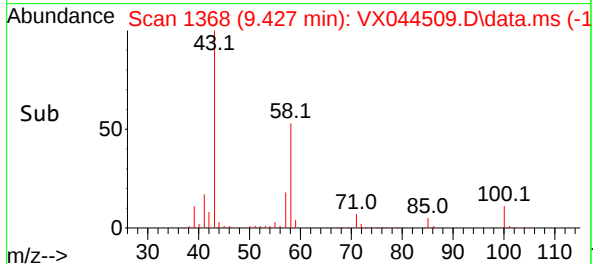
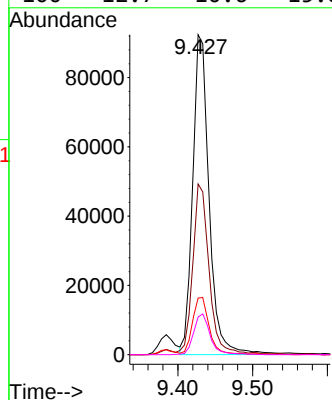
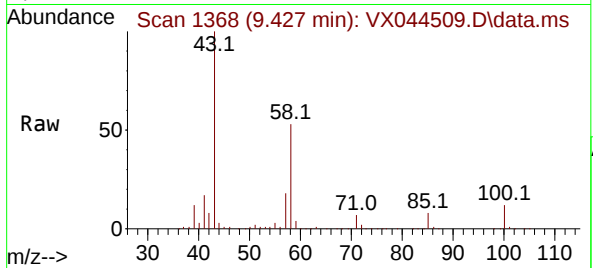




#48
2-Hexanone
Concen: 80.199 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

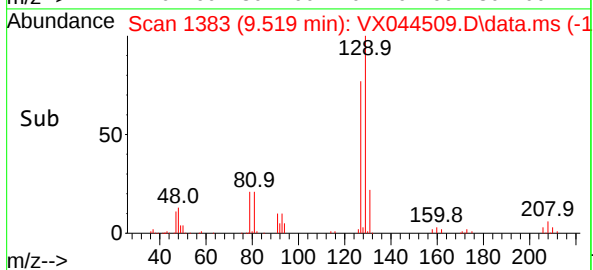
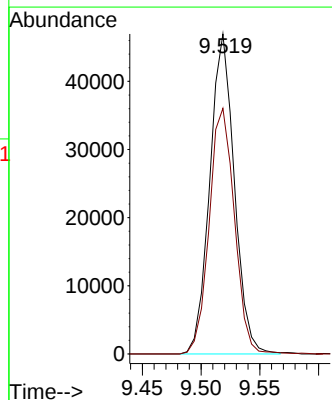
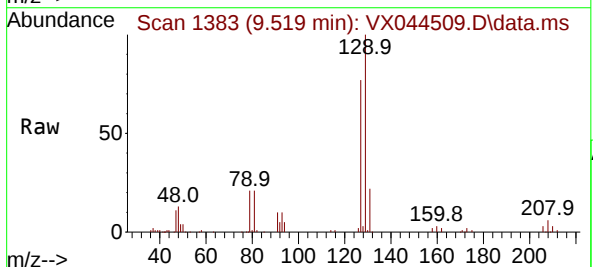
Instrument :
MSVOA_X
ClientSampleId :

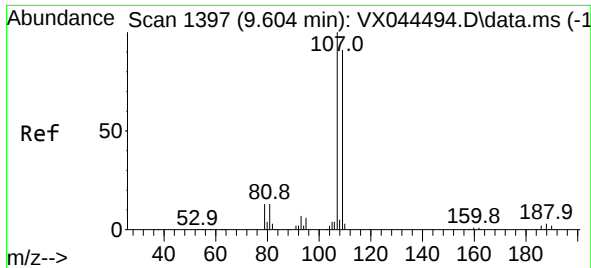
Tgt Ion: 43 Resp: 140783
Ion Ratio Lower Upper
43 100
58 53.0 45.4 68.2
57 17.9 15.4 23.0
100 12.7 10.6 15.8



#49
Dibromochloromethane
Concen: 52.307 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion: 129 Resp: 68232
Ion Ratio Lower Upper
129 100
127 76.7 53.5 99.5

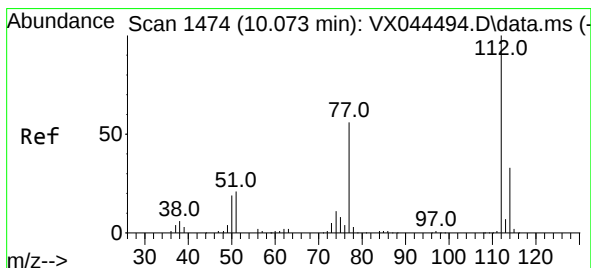
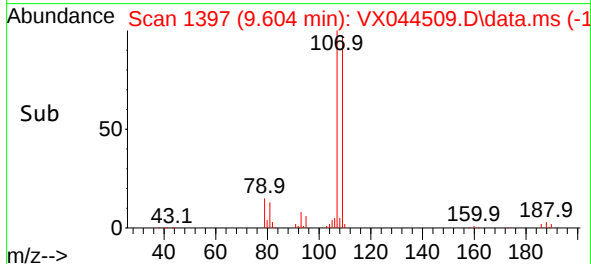
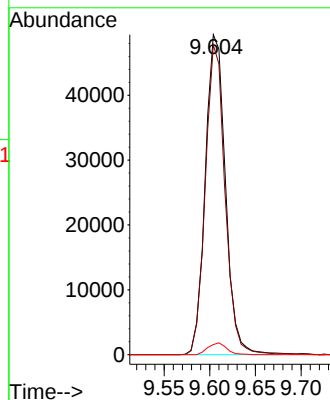
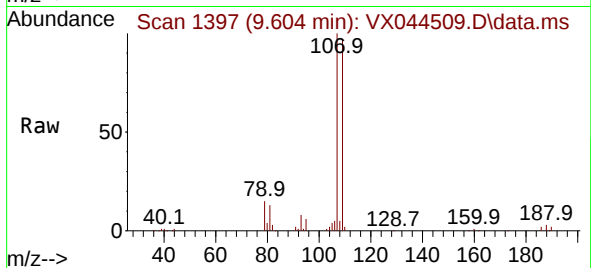




#50
1,2-Dibromoethane
Concen: 49.643 ug/L
RT: 9.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

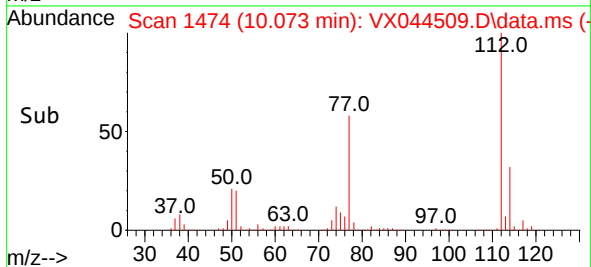
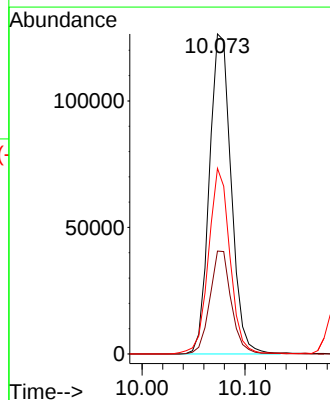
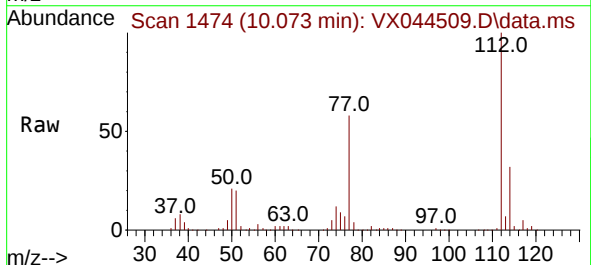
Instrument :
MSVOA_X
ClientSampleId :

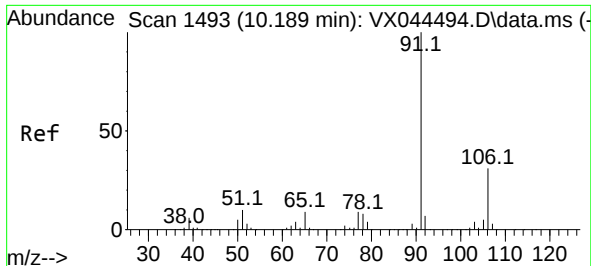
Tgt Ion:107	Resp:	75659
Ion	Ratio	Lower Upper
107	100	
109	96.8	65.5 121.7
188	3.2	2.6 4.0



#51
Chlorobenzene
Concen: 51.133 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion:112	Resp:	186420
Ion	Ratio	Lower Upper
112	100	
114	32.2	22.9 42.5
77	58.0	48.0 72.0

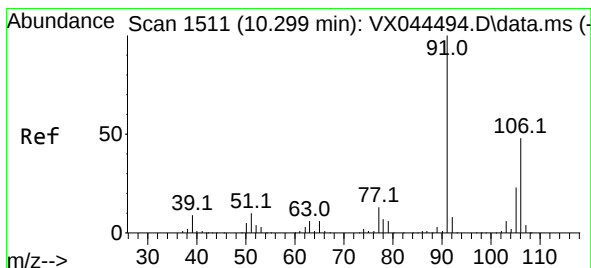
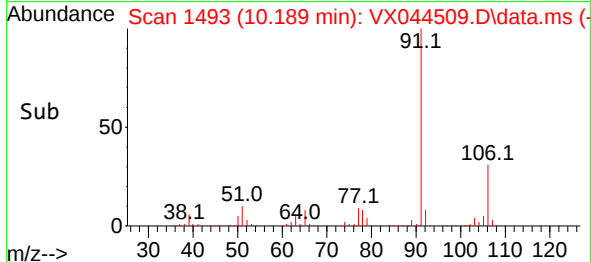
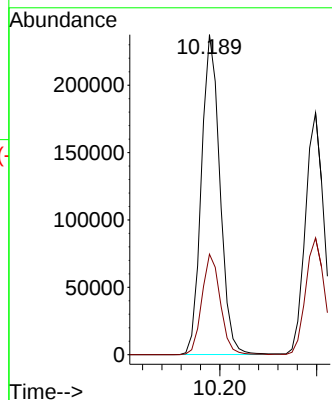
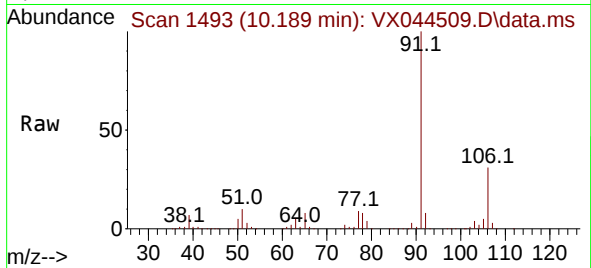




#52
Ethylbenzene
Concen: 50.595 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

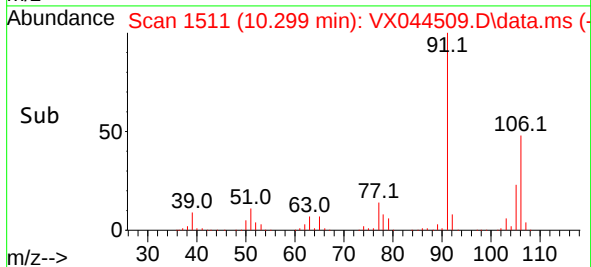
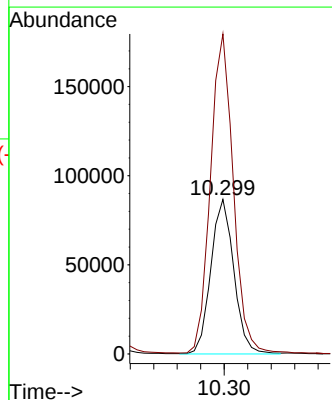
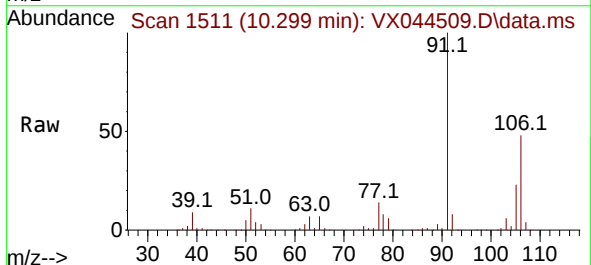
Instrument :
MSVOA_X
ClientSampleId :

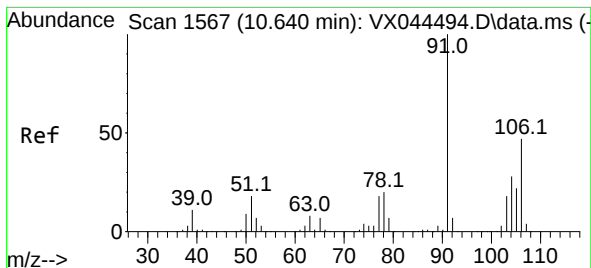
Tgt Ion: 91 Resp: 316703
Ion Ratio Lower Upper
91 100
106 31.4 21.1 39.1



#53
m,p-Xylene
Concen: 52.158 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

Tgt Ion: 106 Resp: 118253
Ion Ratio Lower Upper
106 100
91 207.1 147.5 273.9





#54

o-Xylene

Concen: 51.763 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

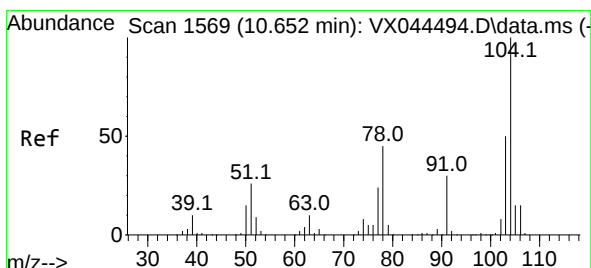
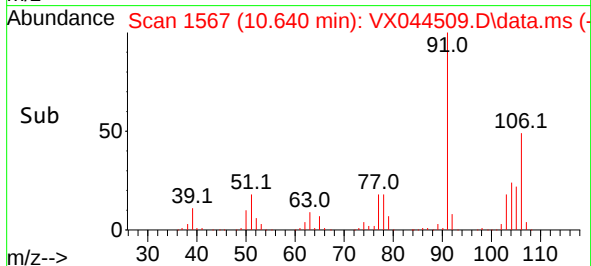
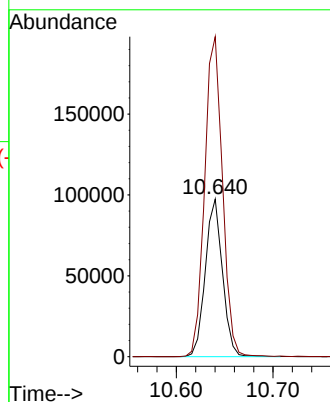
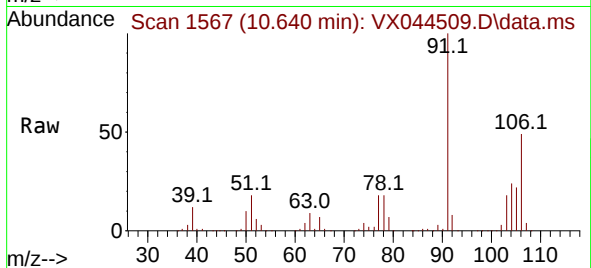
ClientSampleId :

Tgt Ion:106 Resp: 120682

Ion Ratio Lower Upper

106 100

91 203.1 153.7 285.5



#55

Styrene

Concen: 52.063 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044509.D

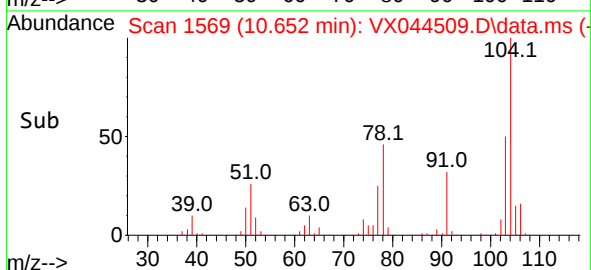
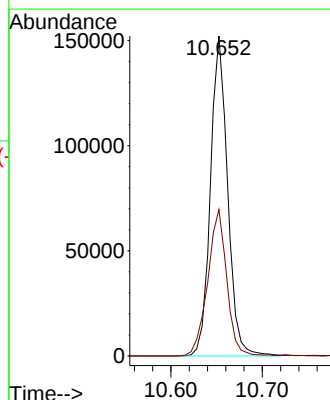
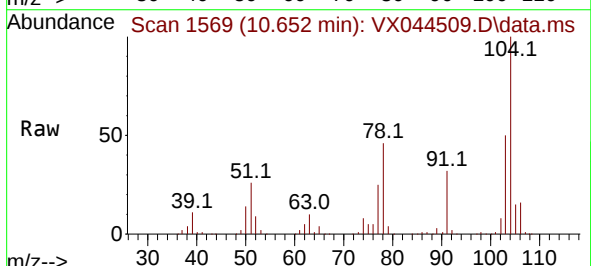
Acq: 27 Dec 2024 10:08

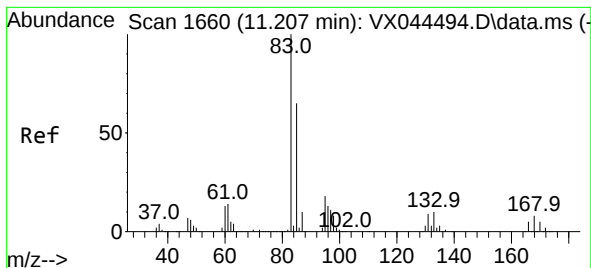
Tgt Ion:104 Resp: 197967

Ion Ratio Lower Upper

104 100

78 45.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 48.827 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

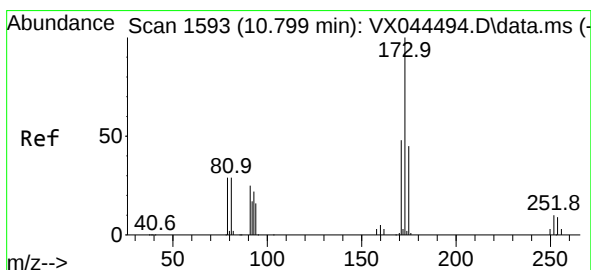
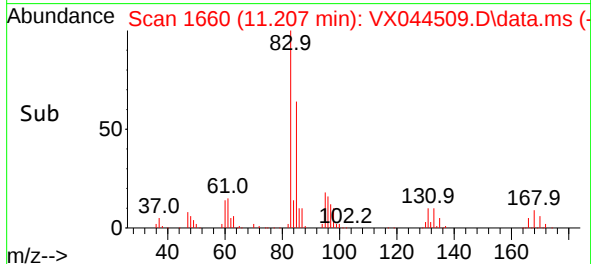
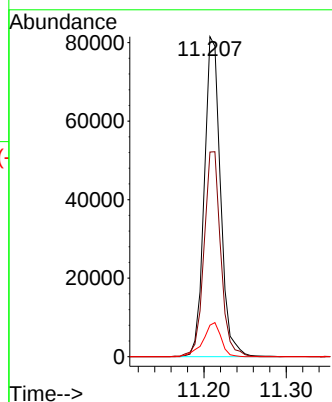
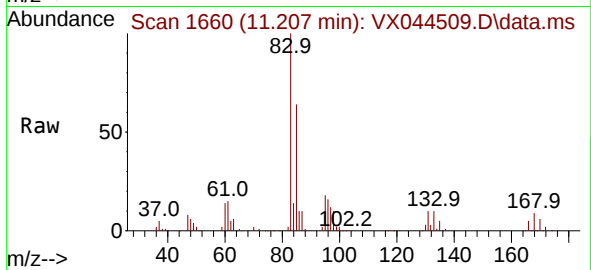
Tgt Ion: 83 Resp: 111783

Ion Ratio Lower Upper

83 100

85 64.0 46.0 85.4

131 9.8 8.8 13.2



#59

Bromoform

Concen: 47.032 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

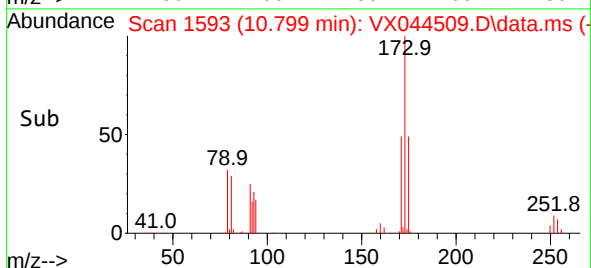
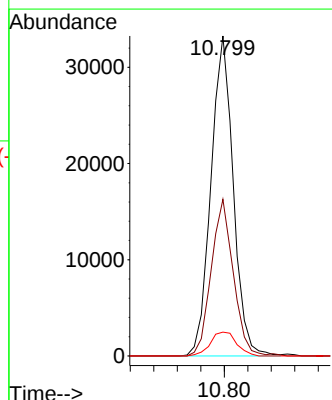
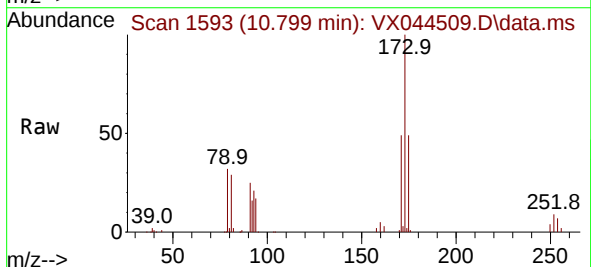
Tgt Ion:173 Resp: 43847

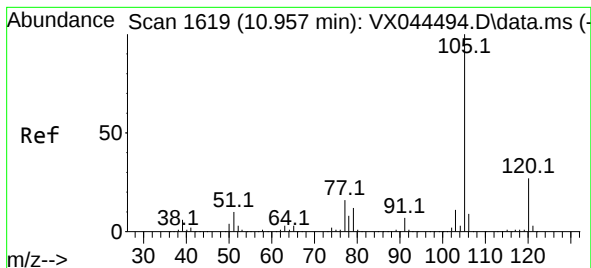
Ion Ratio Lower Upper

173 100

175 48.3 40.0 60.0

254 8.8 6.3 9.5





#60

Isopropylbenzene

Concen: 44.015 ug/L

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

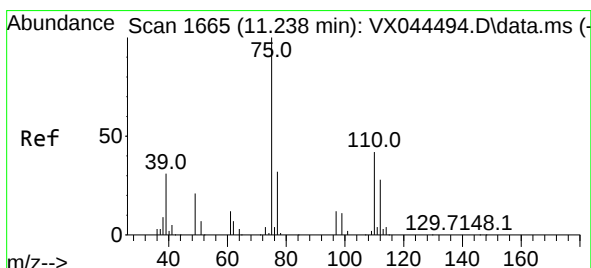
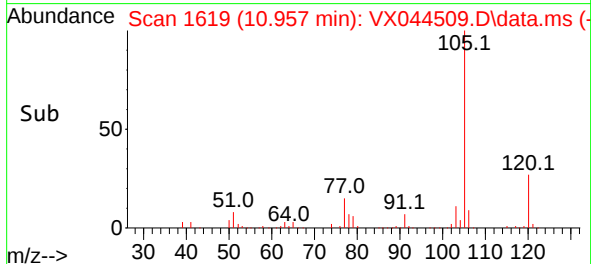
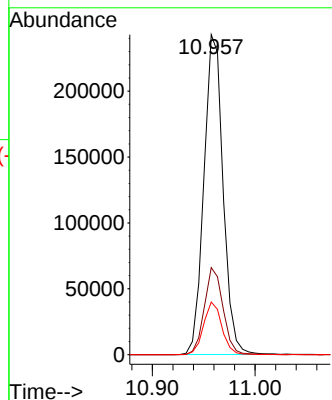
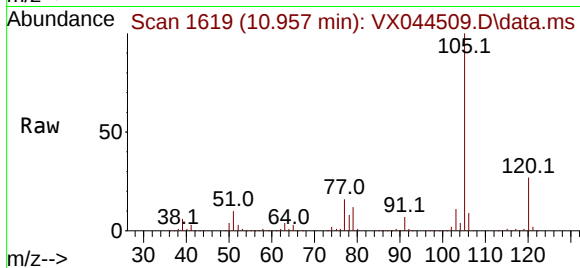
Tgt Ion:105 Resp: 315575

Ion Ratio Lower Upper

105 100

120 26.6 20.6 31.0

77 15.8 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 38.729 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

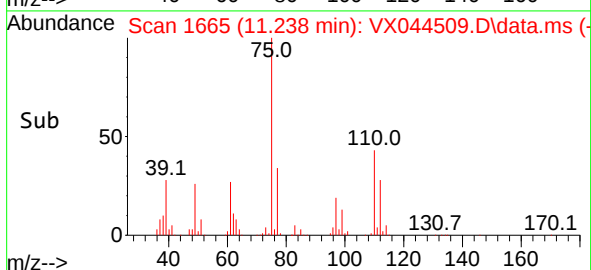
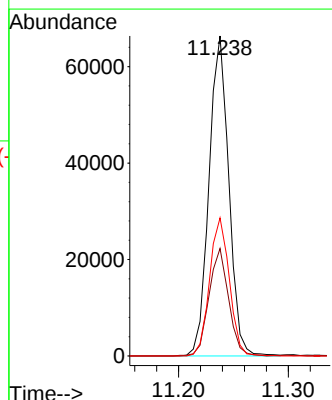
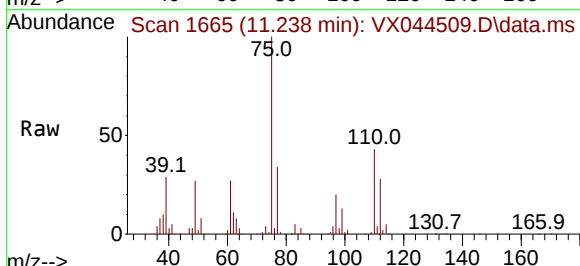
Tgt Ion: 75 Resp: 83344

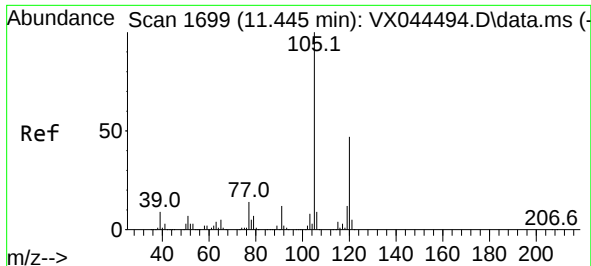
Ion Ratio Lower Upper

75 100

77 33.3 25.8 38.6

110 43.0 33.3 49.9

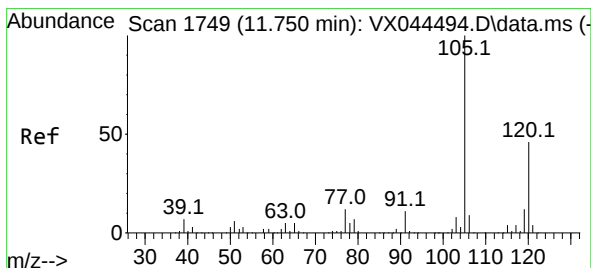
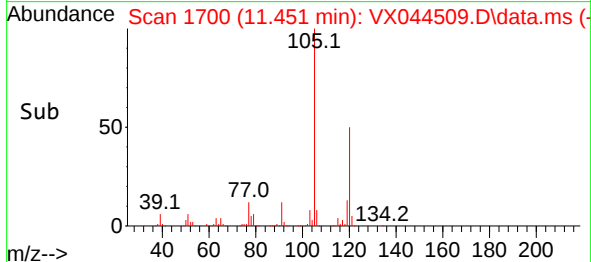
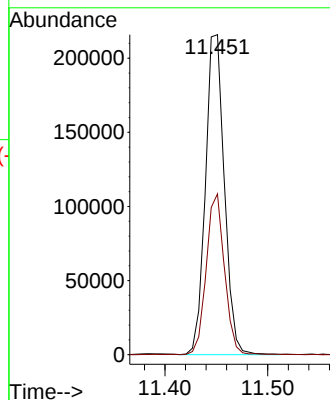
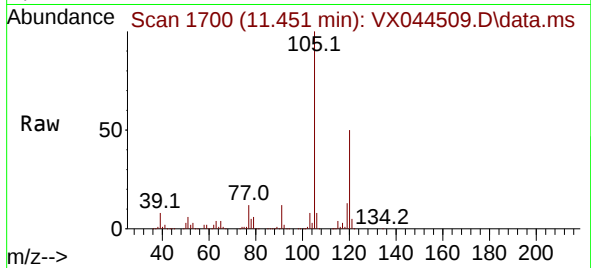




#62
1,3,5-Trimethylbenzene
Concen: 46.523 ug/L
RT: 11.451 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

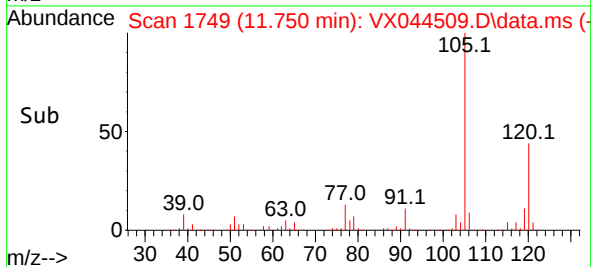
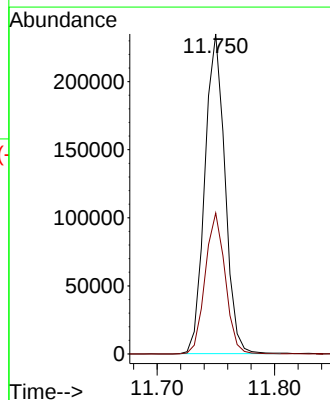
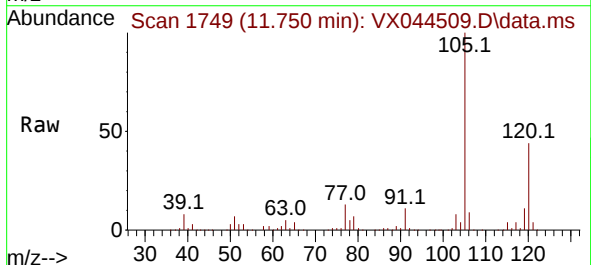
Instrument :
MSVOA_X
ClientSampleId :

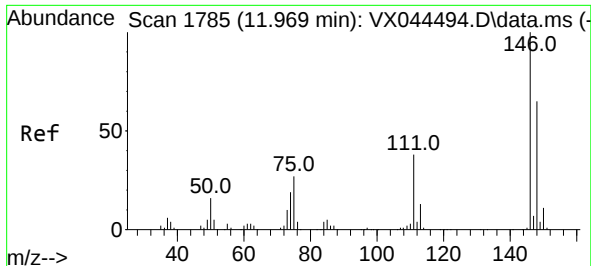
Tgt Ion:105 Resp: 276810
Ion Ratio Lower Upper
105 100
120 48.3 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 47.807 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

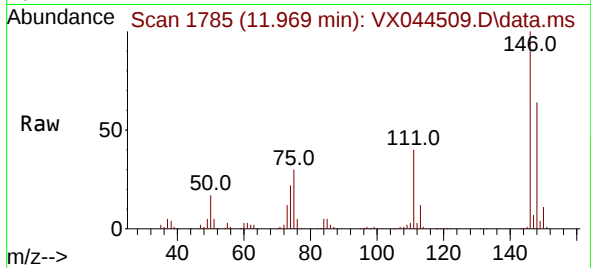
Tgt Ion:105 Resp: 279162
Ion Ratio Lower Upper
105 100
120 43.8 34.5 51.7



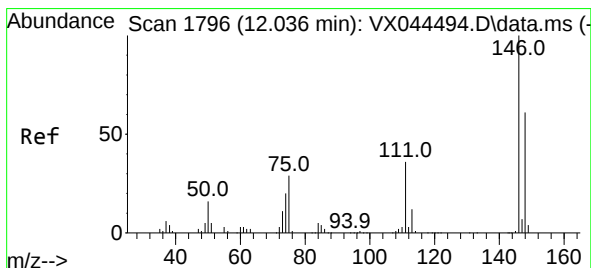
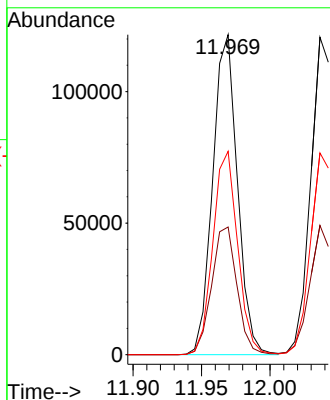
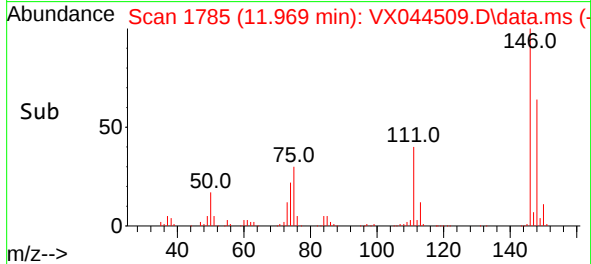


#64
1,3-Dichlorobenzene
Concen: 51.294 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08

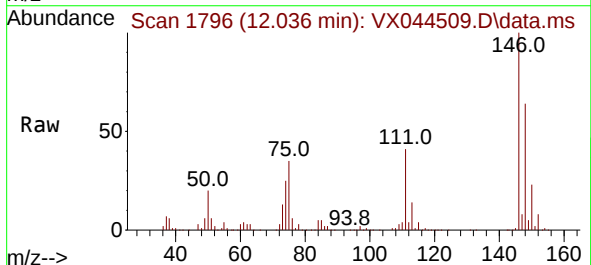
Instrument :
MSVOA_X
ClientSampleId :



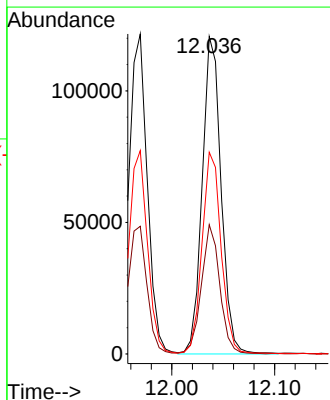
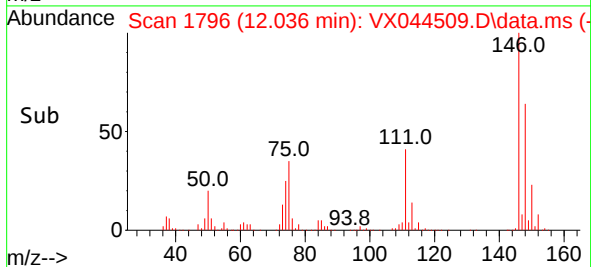
Tgt Ion:146 Resp: 152518
Ion Ratio Lower Upper
146 100
111 39.9 28.8 53.4
148 63.5 46.1 85.5

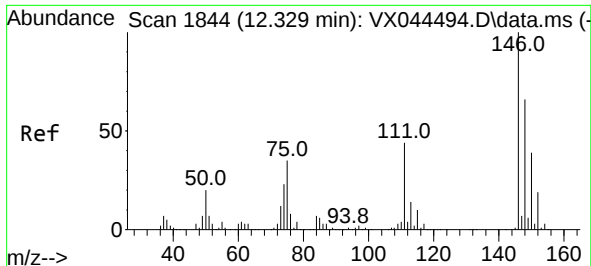


#65
1,4-Dichlorobenzene
Concen: 51.815 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX044509.D
Acq: 27 Dec 2024 10:08



Tgt Ion:146 Resp: 154174
Ion Ratio Lower Upper
146 100
111 40.7 29.5 54.7
148 63.6 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 51.870 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

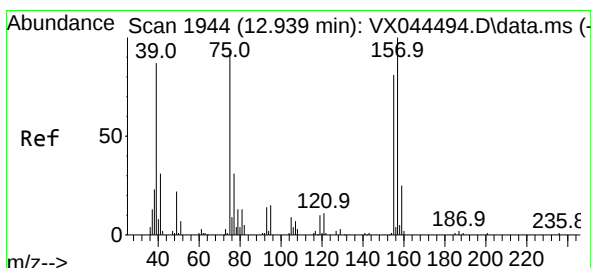
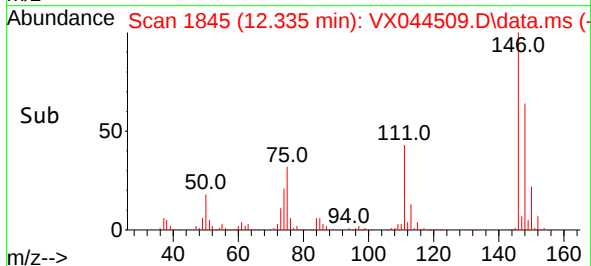
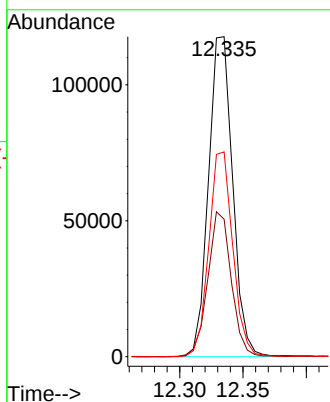
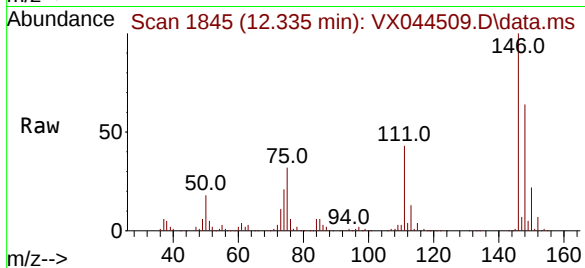
Tgt Ion:146 Resp: 156599

Ion Ratio Lower Upper

146 100

111 43.0 34.3 51.5

148 64.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 42.902 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

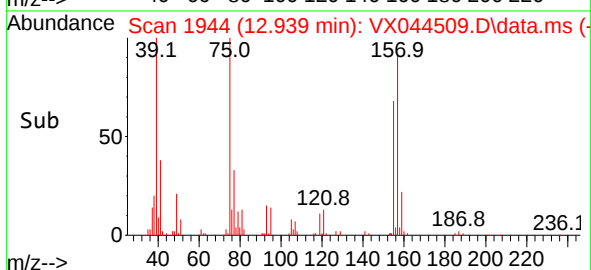
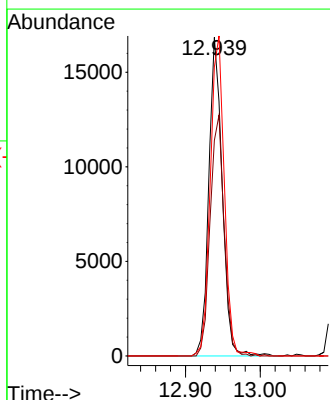
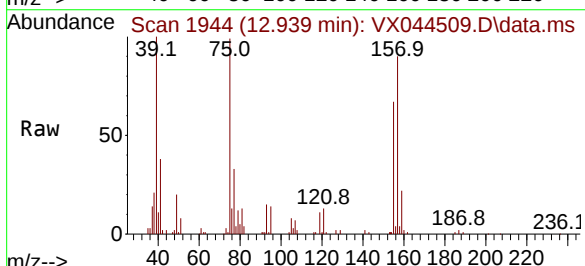
Tgt Ion: 75 Resp: 20983

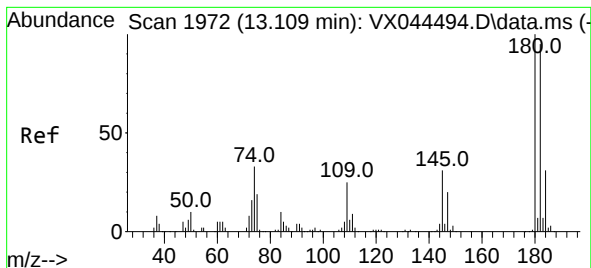
Ion Ratio Lower Upper

75 100

155 67.7 60.5 90.7

157 90.7 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 54.023 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

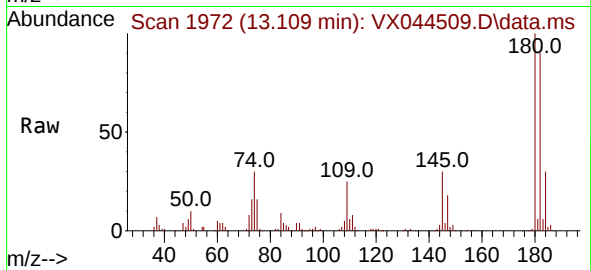
Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 100221

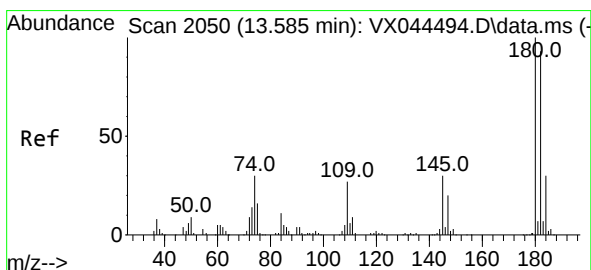
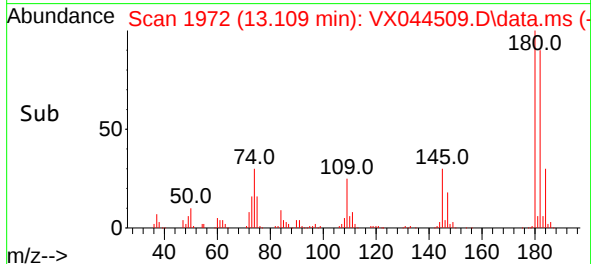
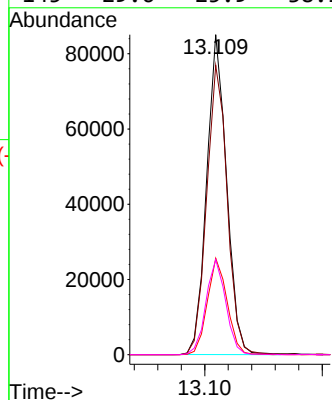
Ion Ratio Lower Upper

180 100

182 93.3 76.7 115.1

184 30.0 24.2 36.4

145 29.6 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 50.973 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

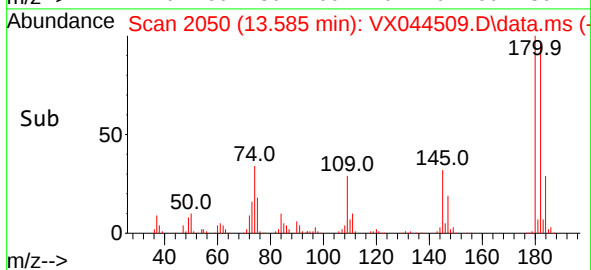
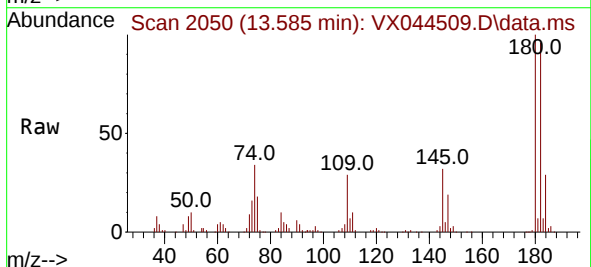
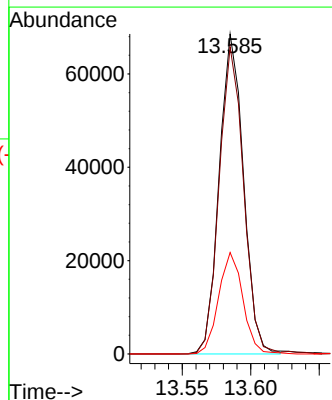
Tgt Ion:180 Resp: 84232

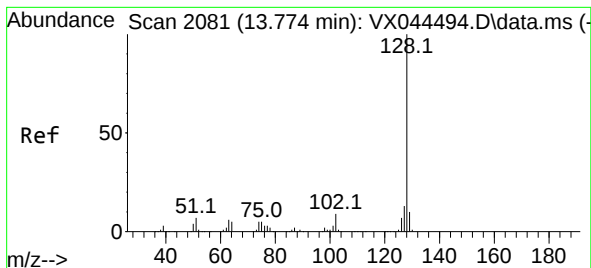
Ion Ratio Lower Upper

180 100

182 96.2 74.1 111.1

145 31.6 25.3 37.9





#71

Naphthalene

Concen: 43.017 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

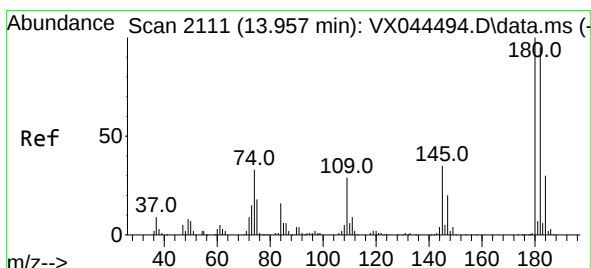
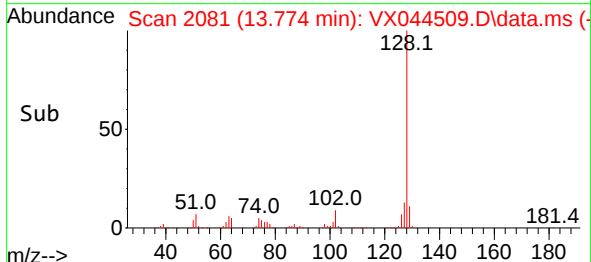
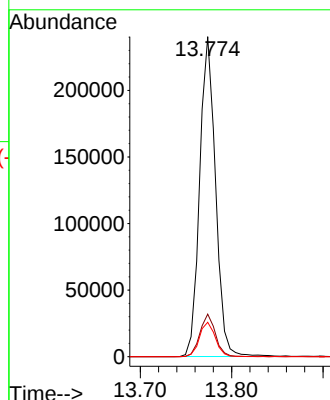
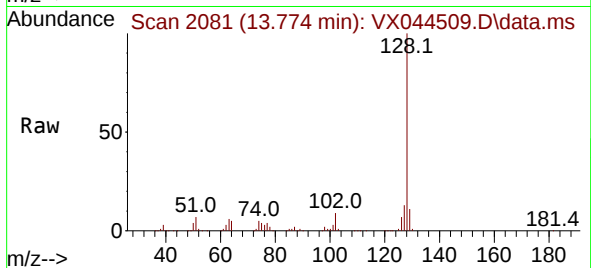
Tgt Ion:128 Resp: 289811

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 51.475 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044509.D

Acq: 27 Dec 2024 10:08

Tgt Ion:180 Resp: 90362

Ion Ratio Lower Upper

180 100

182 92.8 73.8 110.6

145 33.3 27.4 41.2

