

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121724\
 Data File : VX044354.D
 Acq On : 17 Dec 2024 16:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 03:09:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:03:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	252731	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	217862	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	99225	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	98200	42.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.920%
7) Chloroethane-d5	1.648	69	85235	47.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	2.294	65	40681	41.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.260%
21) 2-Butanone-d5	4.465	46	150071	105.982	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.980%
24) Chloroform-d	5.050	84	210856	48.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.040%
26) 1,2-Dichloroethane-d4	5.952	65	136847	44.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.140%
32) Benzene-d6	5.970	84	361268	47.991	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.980%
36) 1,2-Dichloropropane-d6	7.306	67	115959	49.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.220%
41) Toluene-d8	8.647	98	316976	45.540	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.080%
43) trans-1,3-Dichloroprop...	8.945	79	49960	44.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.960%
47) 2-Hexanone-d5	9.384	63	96338	105.705	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.700%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	162910	51.977	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.960%
66) 1,2-Dichlorobenzene-d4	12.317	152	110850	47.948	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89439	43.638	ug/L	99
3) Chloromethane	1.294	50	90021	47.612	ug/L	96
5) Vinyl chloride	1.374	62	97084	47.593	ug/L	96
6) Bromomethane	1.593	94	62836	45.321	ug/L	96
8) Chloroethane	1.666	64	63254	46.839	ug/L	97
9) Trichlorofluoromethane	1.874	101	161096	42.386	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	80569	48.133	ug/L	97
12) 1,1-Dichloroethene	2.312	96	69484	46.637	ug/L	92
13) Acetone	2.386	43	82220	65.255	ug/L	94
14) Carbon disulfide	2.501	76	116159	41.156	ug/L	98
15) Methyl Acetate	2.703	43	95418	46.700	ug/L	97
16) Methylene chloride	2.782	84	82119	47.897	ug/L	89
17) trans-1,2-Dichloroethene	3.087	96	72748	46.883	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	283471	45.274	ug/L	97
19) 1,1-Dichloroethane	3.605	63	157160	48.279	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	91777	48.381	ug/L	97
22) 2-Butanone	4.568	43	133587	87.842	ug/L	98
23) Bromochloromethane	4.897	128	45938	49.658	ug/L	97
25) Chloroform	5.086	83	173290	47.299	ug/L	94

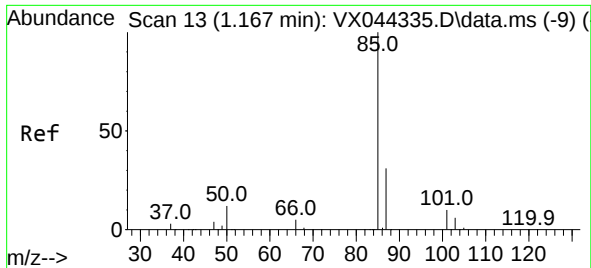
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121724\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:03:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	141442	46.438	ug/L	99
29) Cyclohexane	5.464	56	127836	47.292	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	141441	47.826	ug/L	96
31) Carbon tetrachloride	5.672	117	111639	48.195	ug/L	99
33) Benzene	6.037	78	326074	49.287	ug/L	100
34) Trichloroethene	7.123	95	84637	46.858	ug/L	94
35) Methylcyclohexane	7.379	83	124026	47.400	ug/L	97
37) 1,2-Dichloropropane	7.427	63	90532	50.962	ug/L	99
38) Bromodichloromethane	7.818	83	111630	47.963	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	135406	48.664	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	262888	95.587	ug/L	95
42) Toluene	8.714	91	344778	49.184	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	121669	46.134	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	89675	49.259	ug/L	99
46) Tetrachloroethene	9.275	164	59858	49.679	ug/L	95
48) 2-Hexanone	9.433	43	195660	90.356	ug/L	96
49) Dibromochloromethane	9.519	129	78918	49.044	ug/L	100
50) 1,2-Dibromoethane	9.610	107	90715	48.251	ug/L #	98
51) Chlorobenzene	10.079	112	218155	48.508	ug/L	98
52) Ethylbenzene	10.189	91	379533	49.152	ug/L	99
53) m,p-Xylene	10.299	106	140716	50.314	ug/L	96
54) o-Xylene	10.640	106	139657	48.560	ug/L	99
55) Styrene	10.652	104	232175	49.498	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	135241	47.889	ug/L	96
59) Bromoform	10.799	173	47913	48.124	ug/L	98
60) Isopropylbenzene	10.963	105	368570	48.137	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	103199	44.905	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	299366	47.113	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	296076	47.478	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	152317	47.968	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	151142	47.565	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	156349	48.493	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	22446	42.974	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	97280	49.102	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	85967	48.714	ug/L	97
71) Naphthalene	13.774	128	334933	46.552	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	93485	49.866	ug/L	99

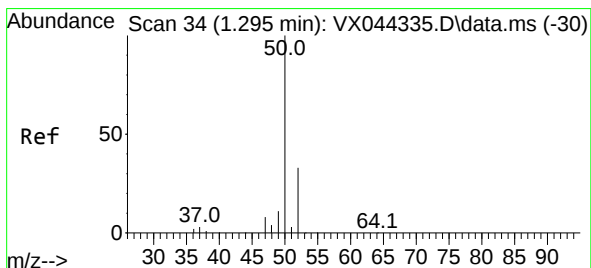
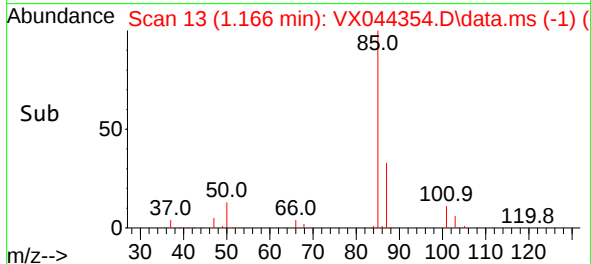
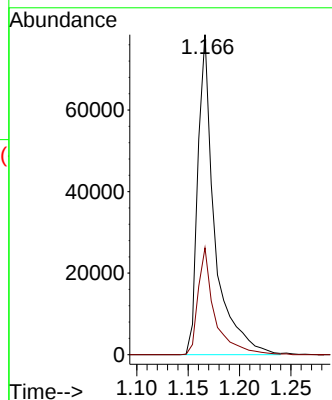
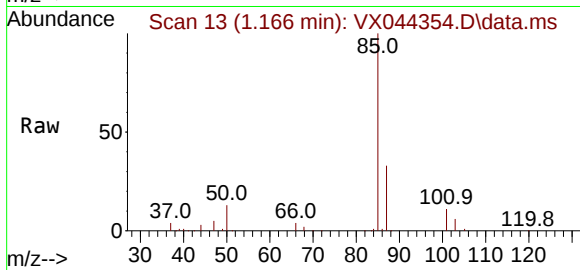
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 43.638 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

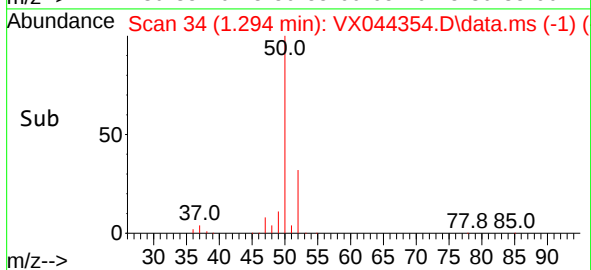
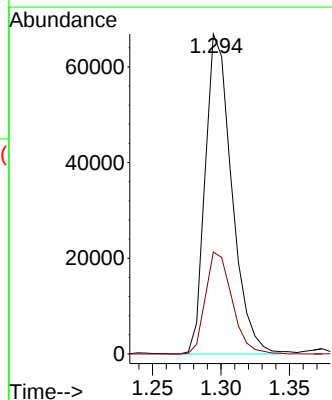
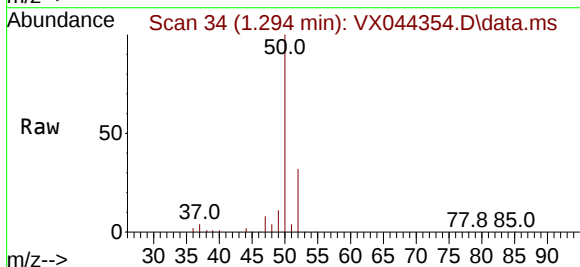
Instrument :
MSVOA_X
ClientSampleId :

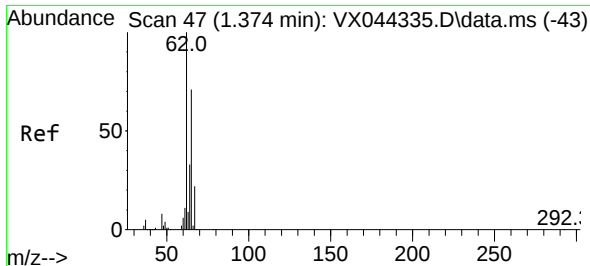
Tgt Ion: 85 Resp: 89439
Ion Ratio Lower Upper
85 100
87 33.1 26.1 39.1



#3
Chloromethane
Concen: 47.612 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

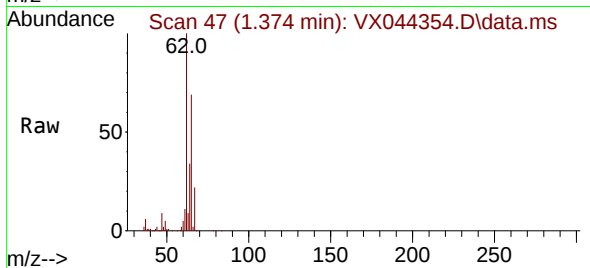
Tgt Ion: 50 Resp: 90021
Ion Ratio Lower Upper
50 100
52 31.9 23.9 44.3



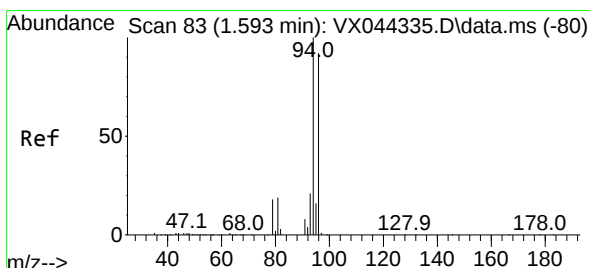
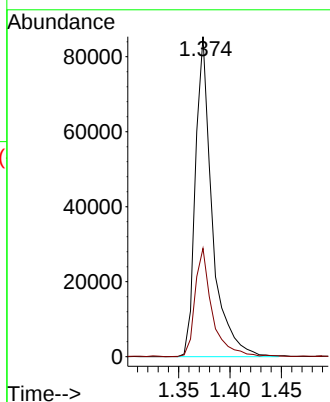
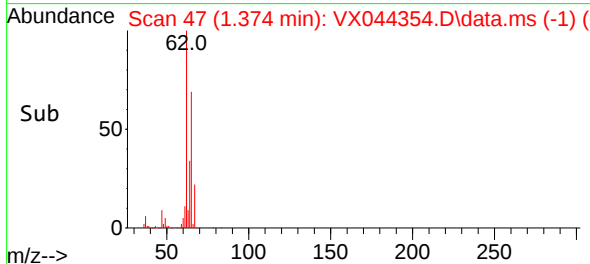


#5
 Vinyl chloride
 Concen: 47.593 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX044354.D
 Acq: 17 Dec 2024 16:11

Instrument :
 MSVOA_X
 ClientSampleId :

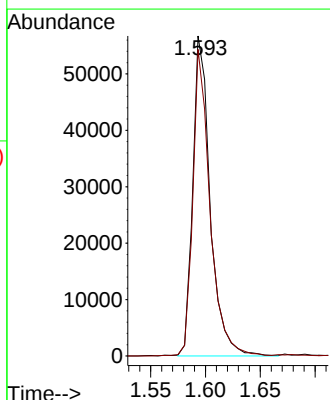
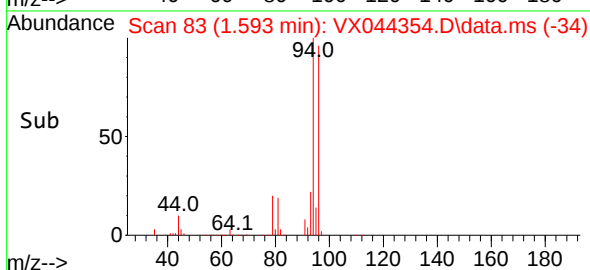
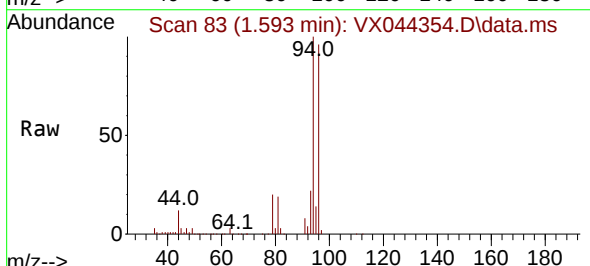


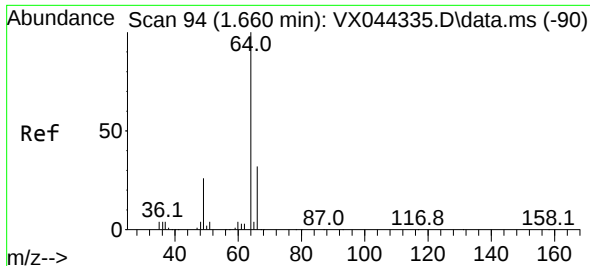
Tgt Ion: 62 Resp: 97084
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.2 41.2



#6
 Bromomethane
 Concen: 45.321 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX044354.D
 Acq: 17 Dec 2024 16:11

Tgt Ion: 94 Resp: 62836
 Ion Ratio Lower Upper
 94 100
 96 95.8 64.2 119.2

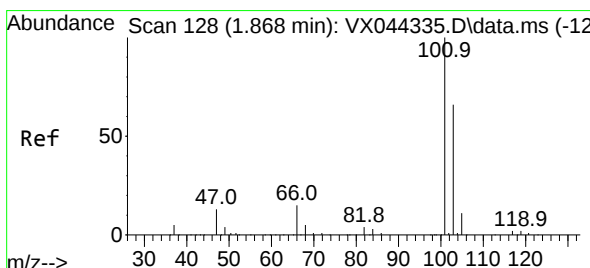
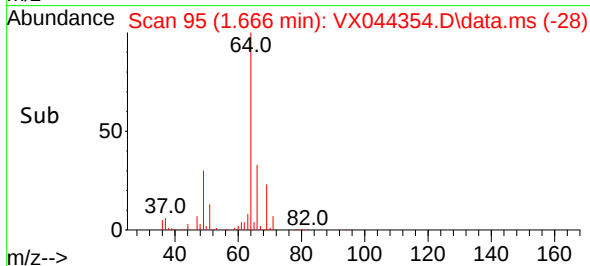
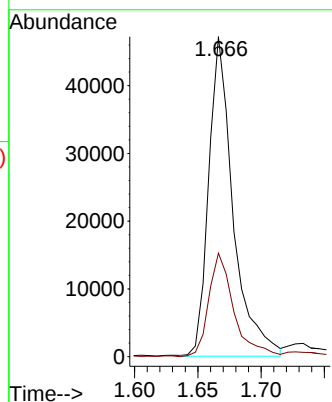
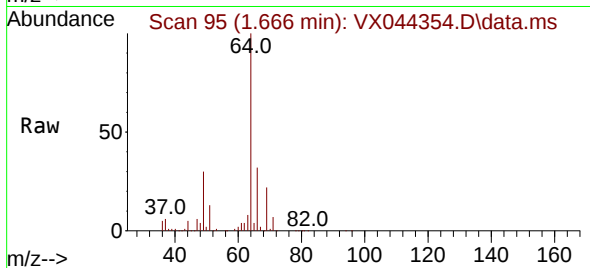




#8
Chloroethane
Concen: 46.839 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

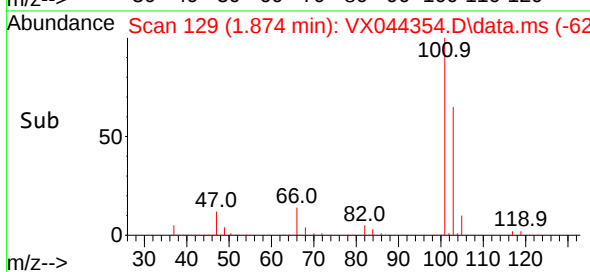
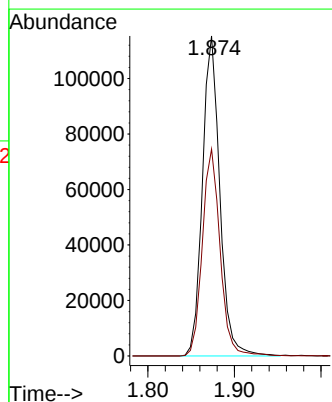
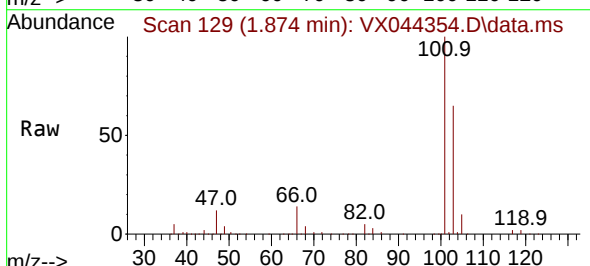
Instrument :
MSVOA_X
ClientSampleId :

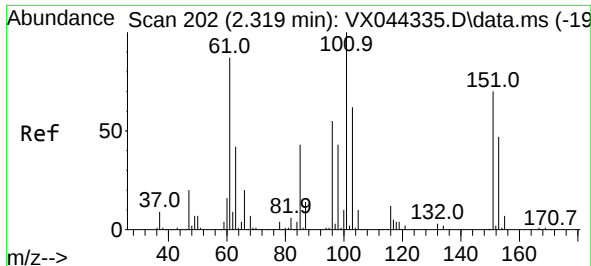
Tgt Ion: 64 Resp: 63254
Ion Ratio Lower Upper
64 100
66 32.3 21.5 39.9



#9
Trichlorofluoromethane
Concen: 42.386 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Tgt Ion:101 Resp: 161096
Ion Ratio Lower Upper
101 100
103 65.8 50.8 76.2

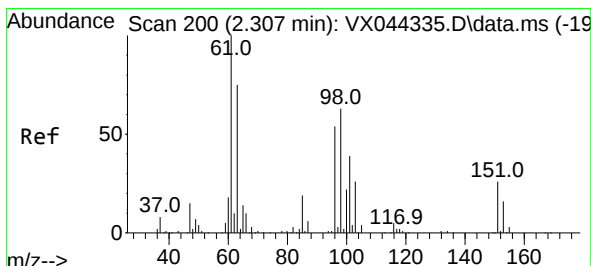
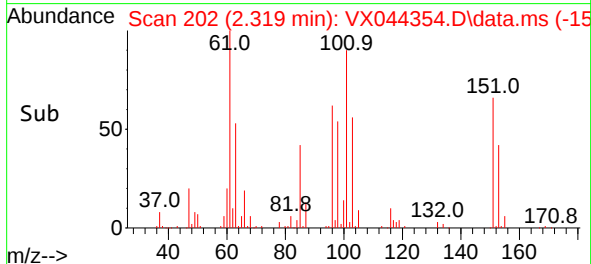
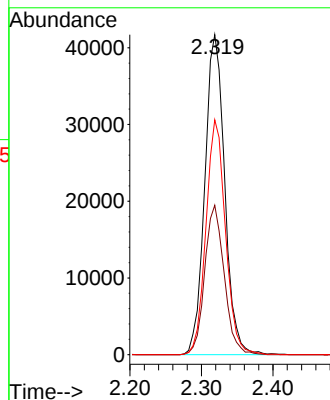
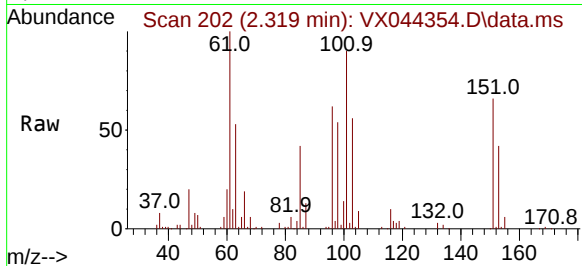




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.133 ug/L
 RT: 2.319 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX044354.D
 Acq: 17 Dec 2024 16:11

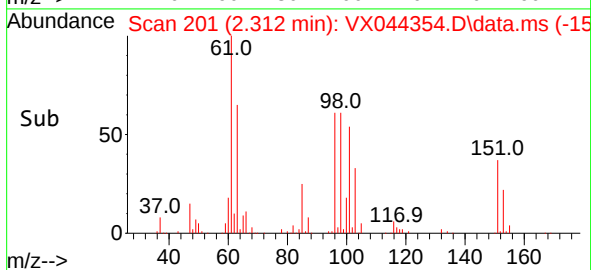
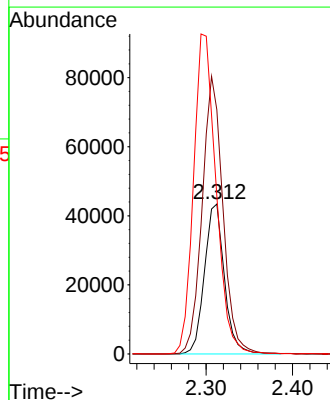
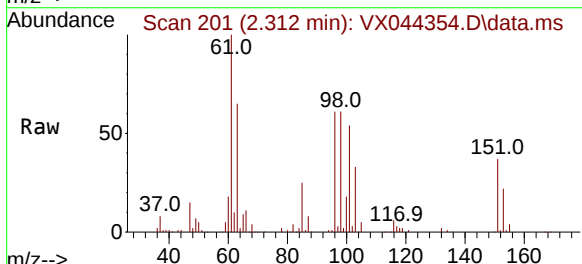
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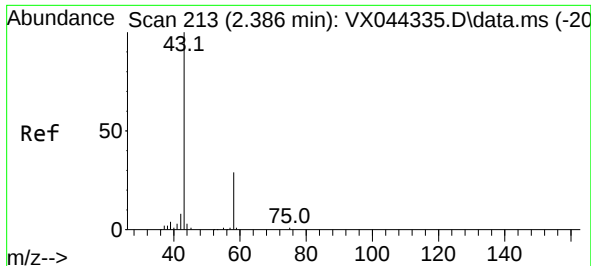
Tgt Ion:101 Resp: 80569
 Ion Ratio Lower Upper
 101 100
 85 45.9 33.9 50.9
 151 72.1 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 46.637 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX044354.D
 Acq: 17 Dec 2024 16:11

Tgt Ion: 96 Resp: 69484
 Ion Ratio Lower Upper
 96 100
 61 162.9 109.3 203.1
 63 105.3 65.7 122.1

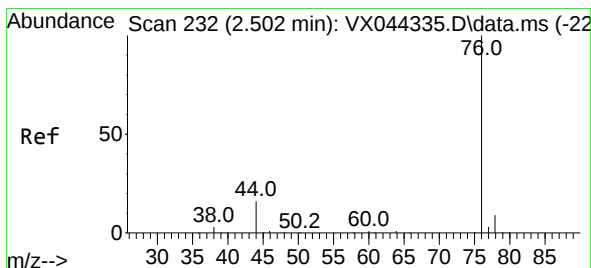
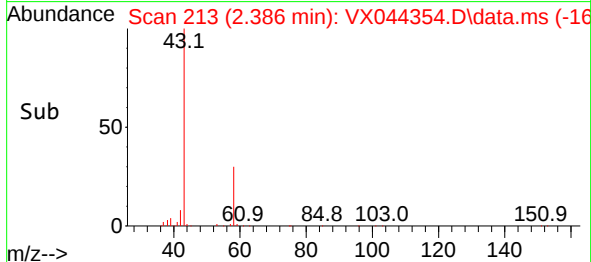
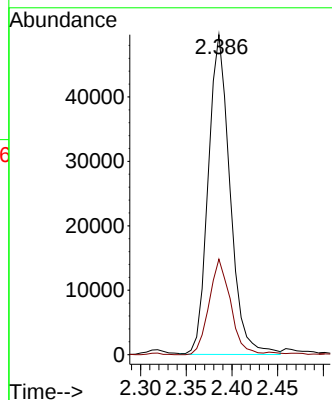
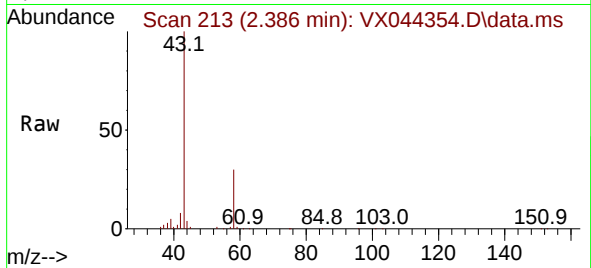




#13
Acetone
Concen: 65.255 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

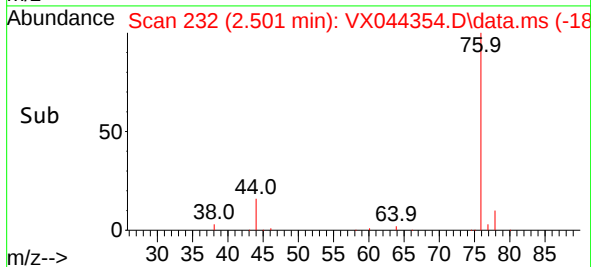
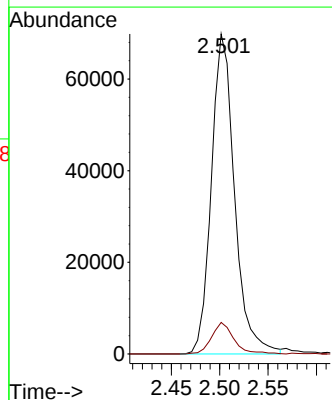
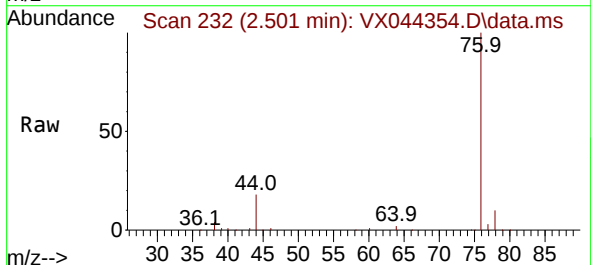
Instrument :
MSVOA_X
ClientSampleId :

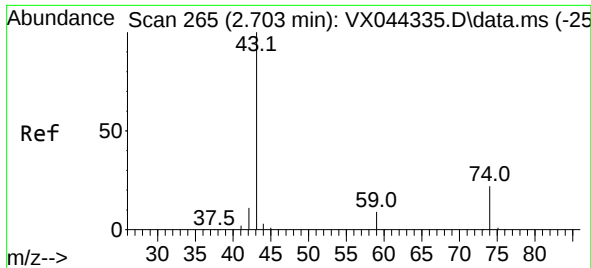
Tgt Ion: 43 Resp: 82220
Ion Ratio Lower Upper
43 100
58 29.4 0.0 66.0



#14
Carbon disulfide
Concen: 41.156 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Tgt Ion: 76 Resp: 116159
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

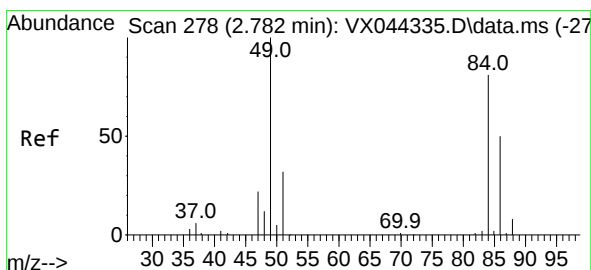
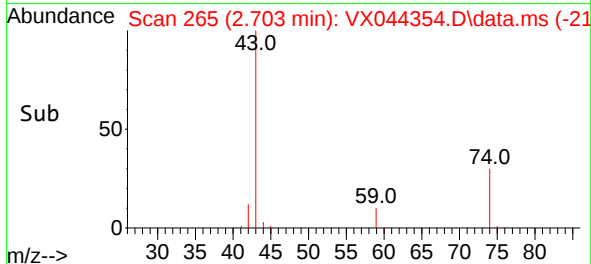
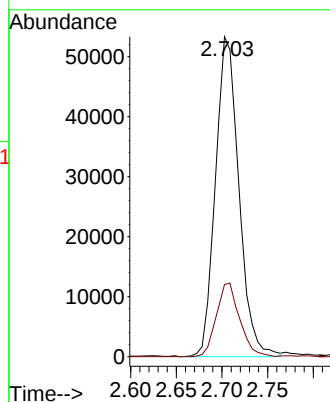
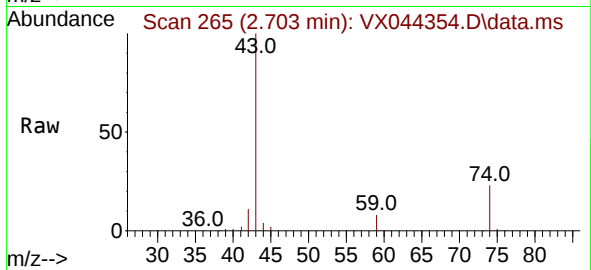




#15
Methyl Acetate
Concen: 46.700 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

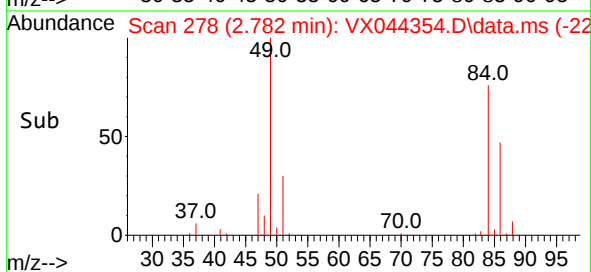
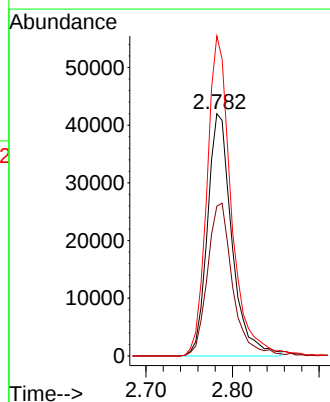
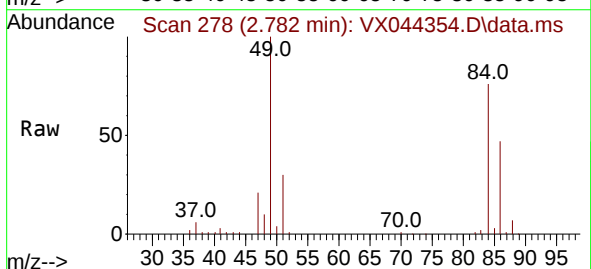
Instrument :
MSVOA_X
ClientSampleId :

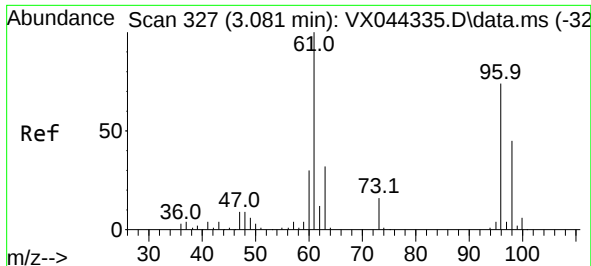
Tgt Ion: 43 Resp: 95418
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2



#16
Methylene chloride
Concen: 47.897 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

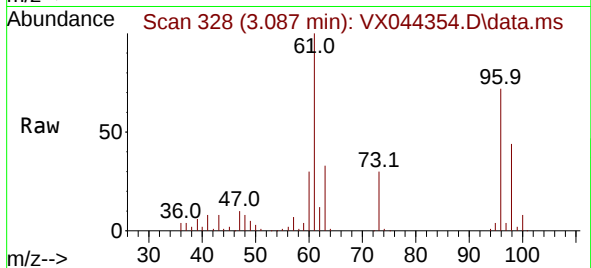
Tgt Ion: 84 Resp: 82119
Ion Ratio Lower Upper
84 100
86 61.8 46.0 85.4
49 132.1 80.8 150.2



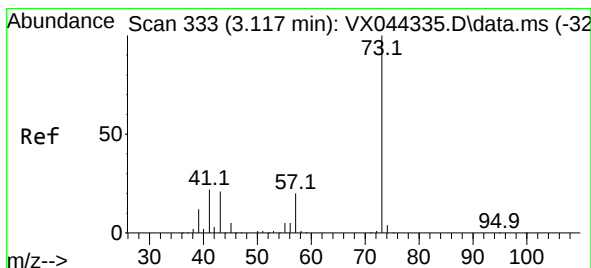
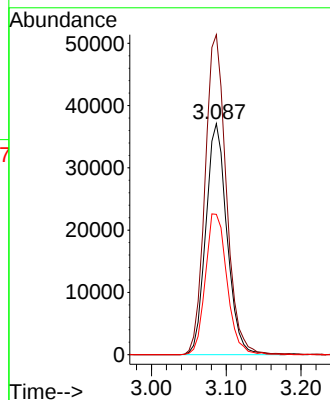
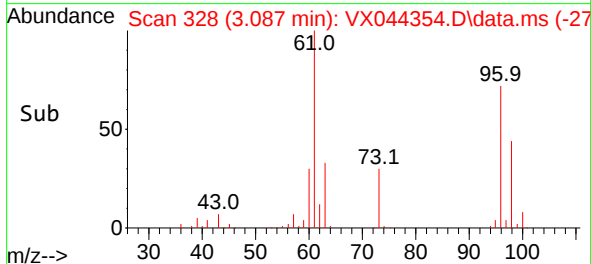


#17
trans-1,2-Dichloroethene
Concen: 46.883 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :

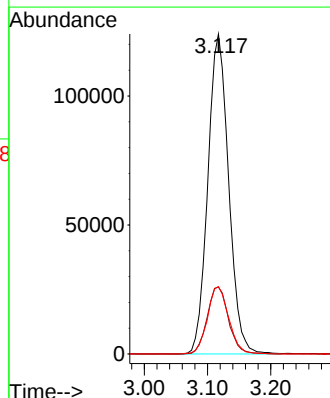
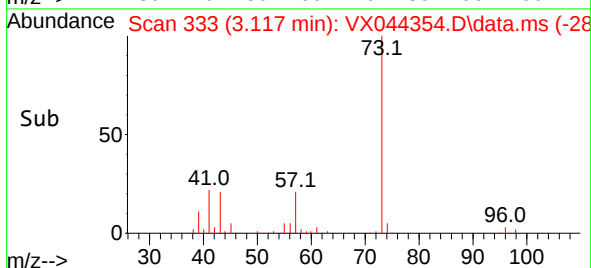
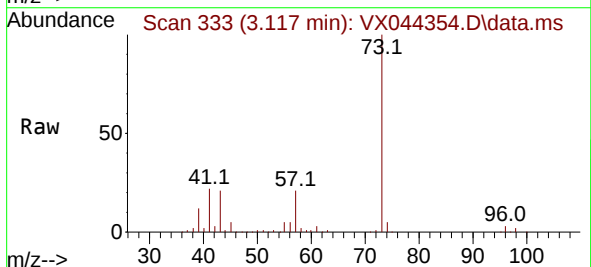


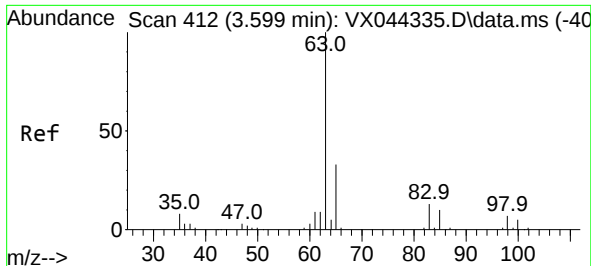
Tgt Ion: 96 Resp: 72748
Ion Ratio Lower Upper
96 100
61 138.5 95.7 177.7
98 60.8 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 45.274 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Tgt Ion: 73 Resp: 283471
Ion Ratio Lower Upper
73 100
43 21.5 15.2 22.8
57 21.5 17.0 25.6





#19

1,1-Dichloroethane

Concen: 48.279 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

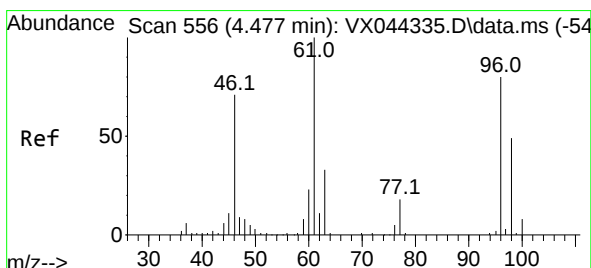
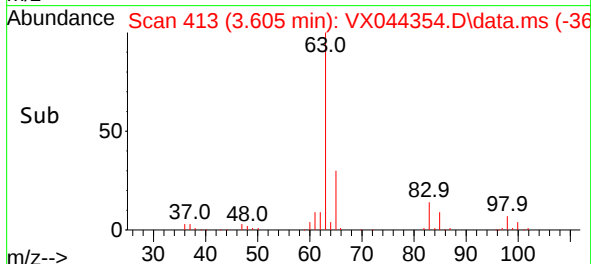
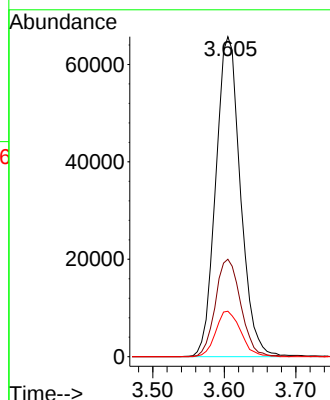
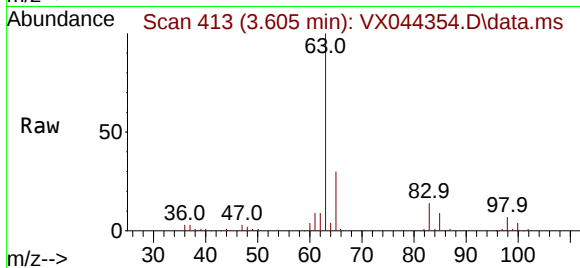
Tgt Ion: 63 Resp: 157160

Ion Ratio Lower Upper

63 100

65 30.5 23.2 43.2

83 14.2 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 48.381 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

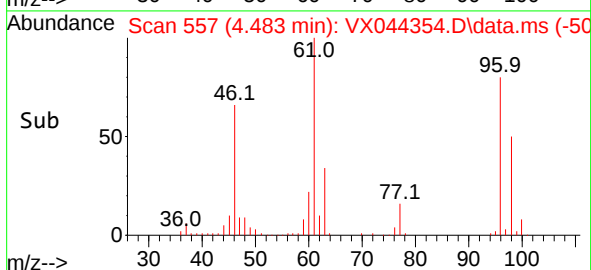
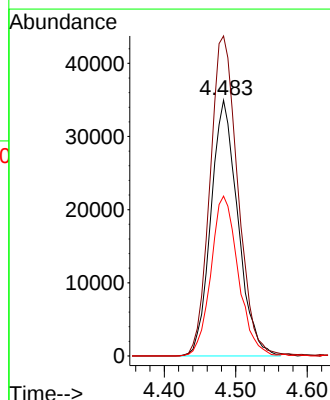
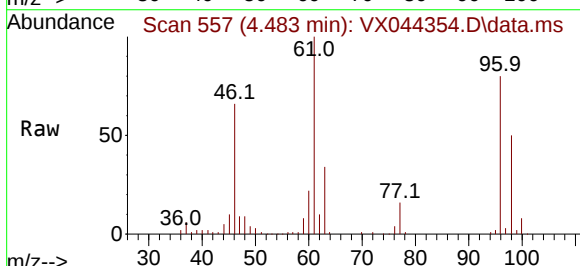
Tgt Ion: 96 Resp: 91777

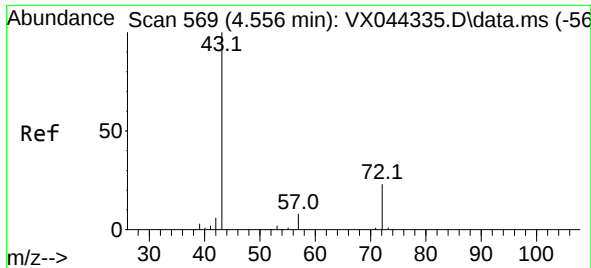
Ion Ratio Lower Upper

96 100

61 125.2 85.0 158.0

98 62.5 44.6 82.8

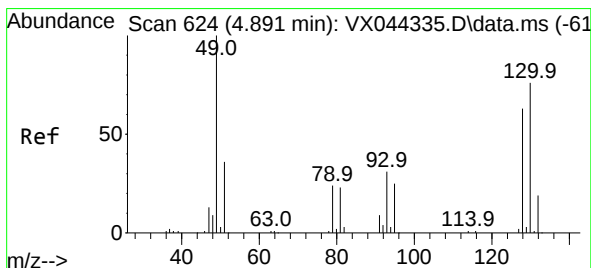
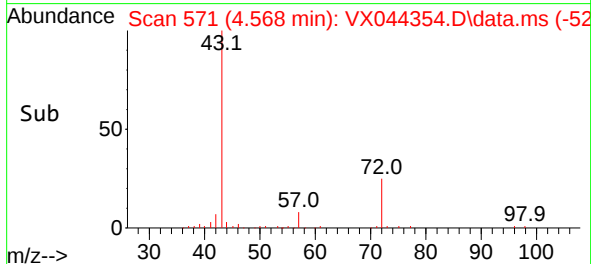
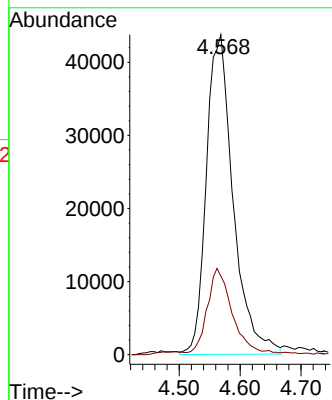
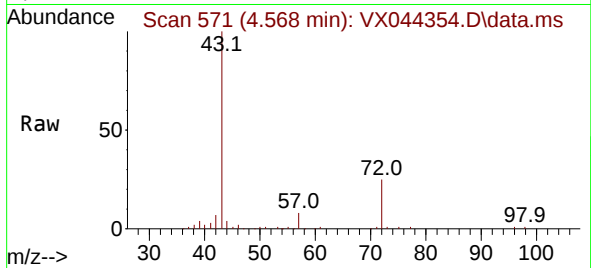




#22
2-Butanone
Concen: 87.842 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

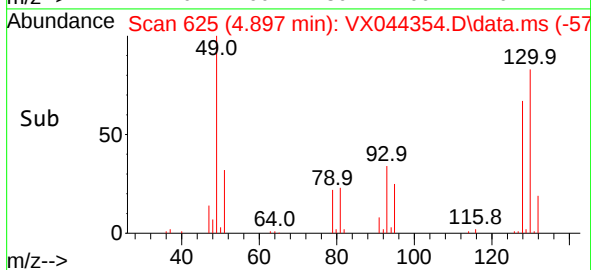
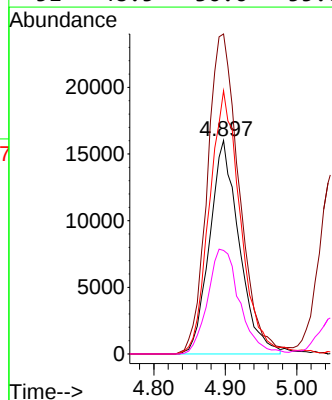
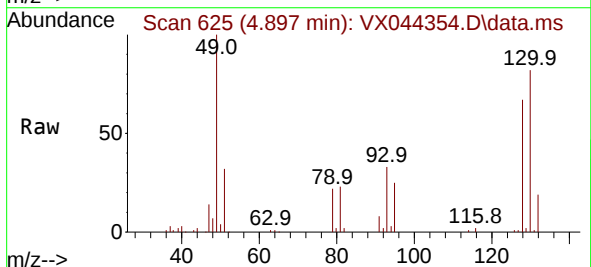
Instrument :
MSVOA_X
ClientSampleId :

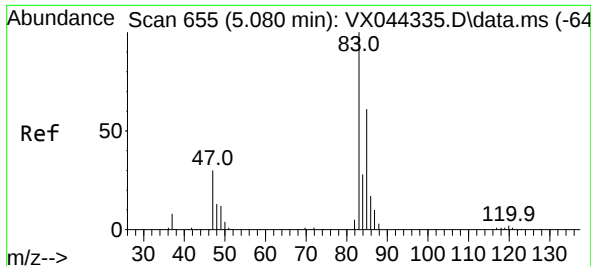
Tgt Ion: 43 Resp: 133587
Ion Ratio Lower Upper
43 100
72 24.9 13.1 39.3



#23
Bromochloromethane
Concen: 49.658 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Tgt Ion:128 Resp: 45938
Ion Ratio Lower Upper
128 100
49 150.0 103.7 192.5
130 123.4 89.1 165.5
51 48.5 36.6 55.0

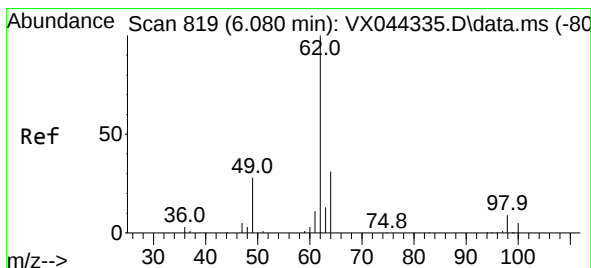
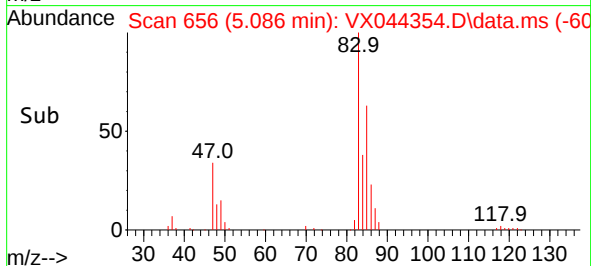
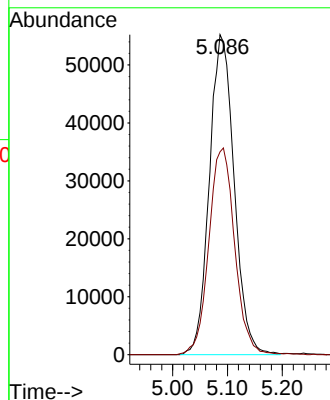
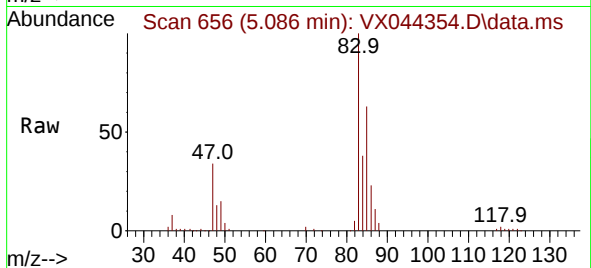




#25
Chloroform
Concen: 47.299 ug/L
RT: 5.086 min Scan# 611
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

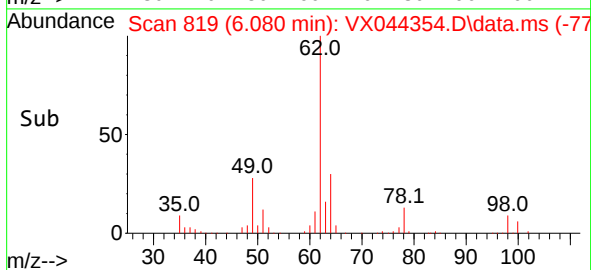
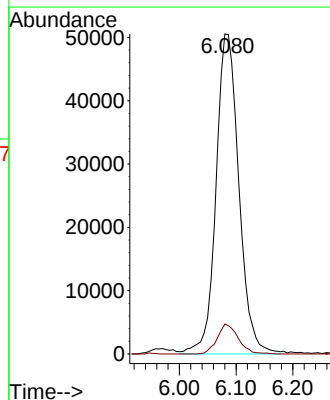
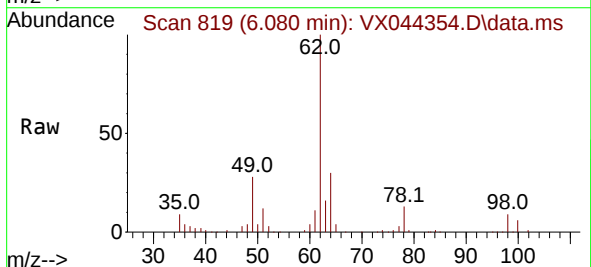
Instrument :
MSVOA_X
ClientSampleId :

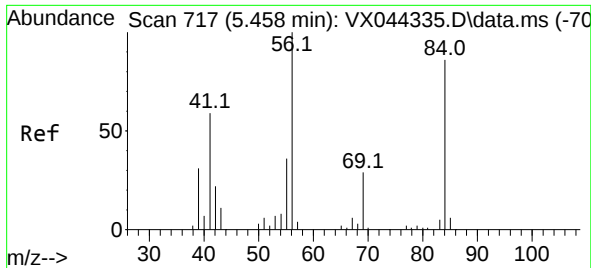
Tgt Ion: 83 Resp: 173290
Ion Ratio Lower Upper
83 100
85 63.4 47.7 88.7



#27
1,2-Dichloroethane
Concen: 46.438 ug/L
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

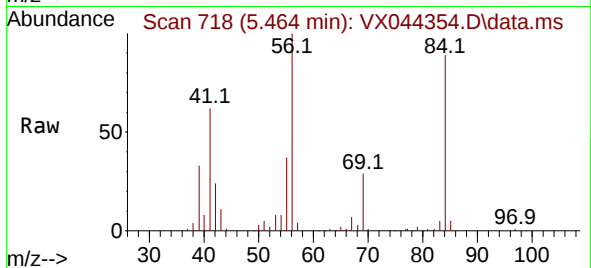
Tgt Ion: 62 Resp: 141442
Ion Ratio Lower Upper
62 100
98 9.4 7.7 11.5



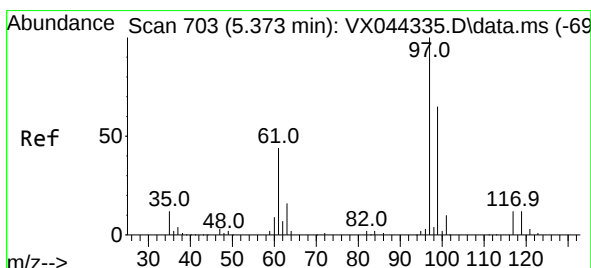
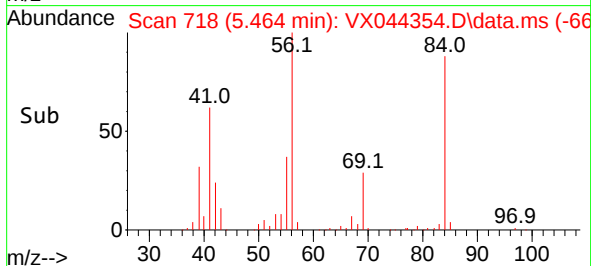
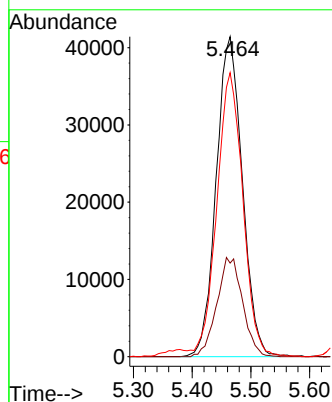


#29
Cyclohexane
Concen: 47.292 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :

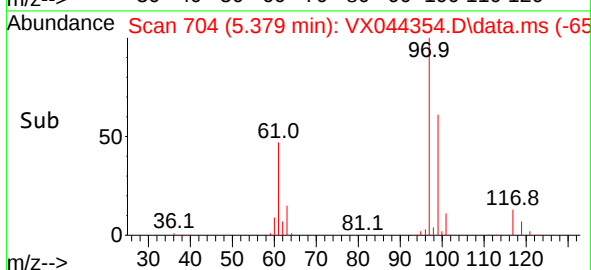
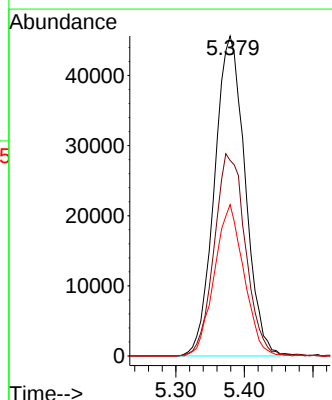
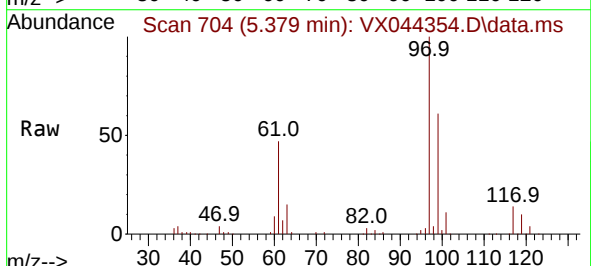


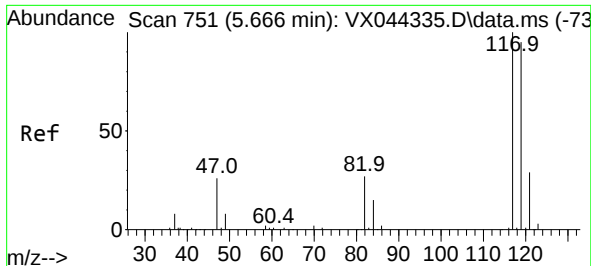
Tgt Ion: 56 Resp: 127836
Ion Ratio Lower Upper
56 100
69 30.6 25.1 37.7
84 87.9 72.9 109.3



#30
1,1,1-Trichloroethane
Concen: 47.826 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Tgt Ion: 97 Resp: 141441
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 45.7 32.8 49.2

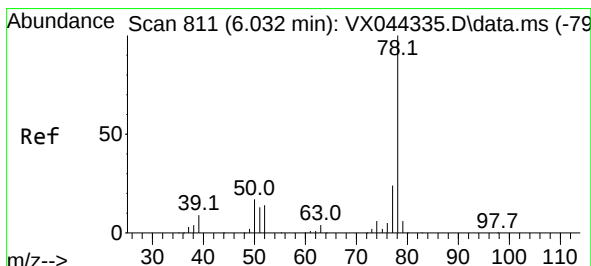
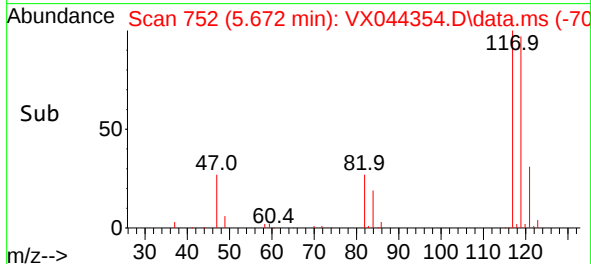
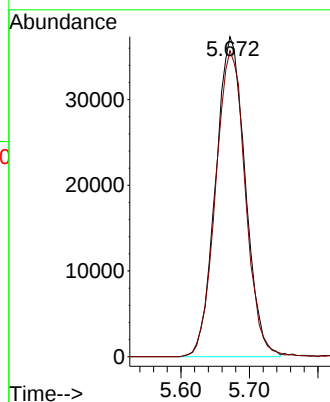
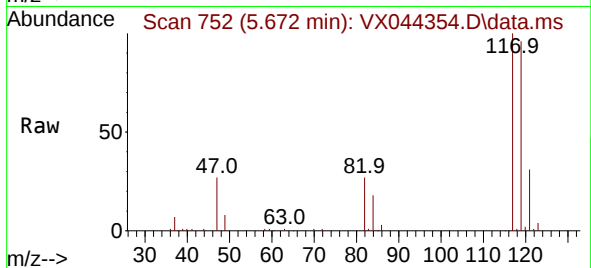




#31
Carbon tetrachloride
Concen: 48.195 ug/L
RT: 5.672 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

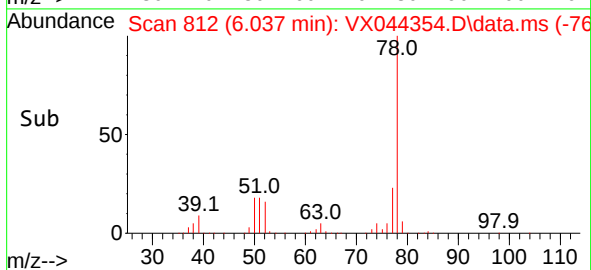
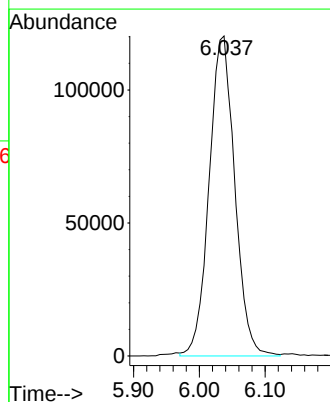
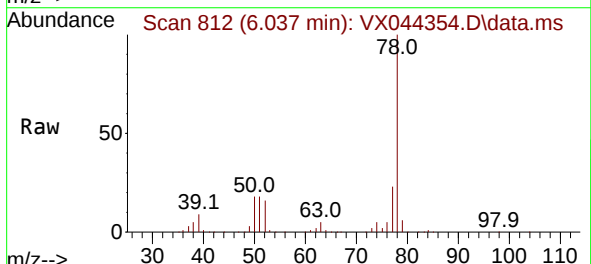
Instrument :
MSVOA_X
ClientSampleId :

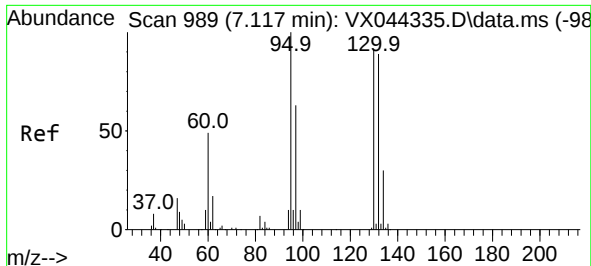
Tgt Ion:117 Resp: 111639
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5



#33
Benzene
Concen: 49.287 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

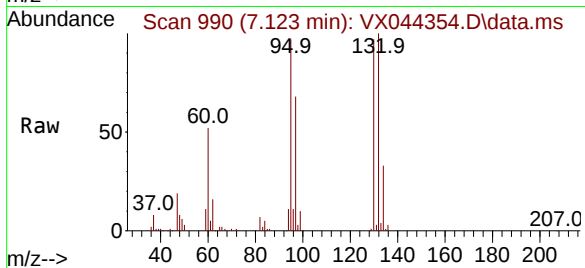
Tgt Ion: 78 Resp: 326074





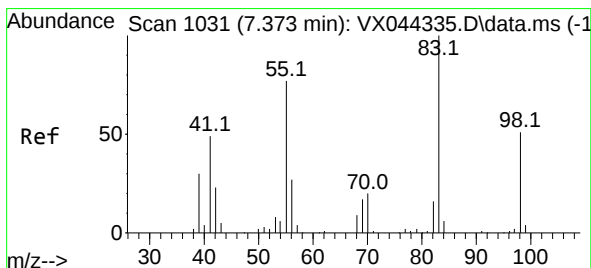
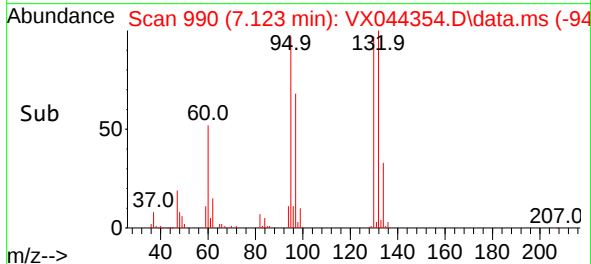
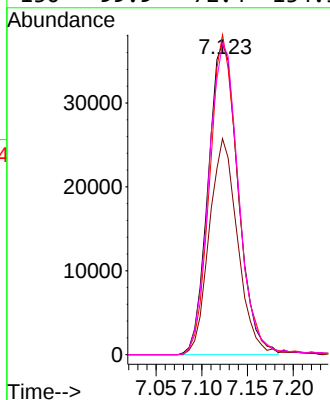
#34
Trichloroethene
Concen: 46.858 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 84637

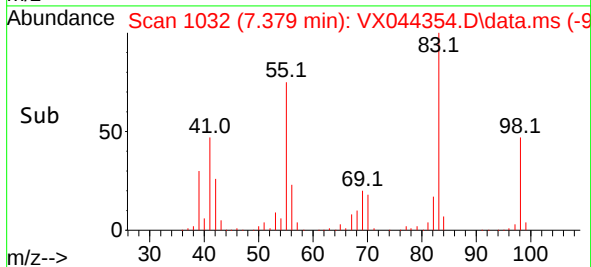
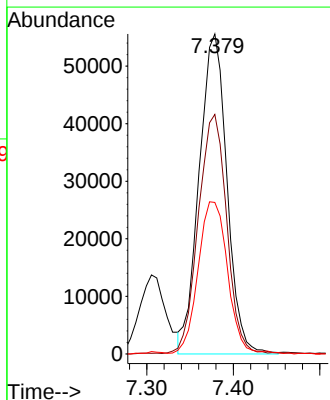
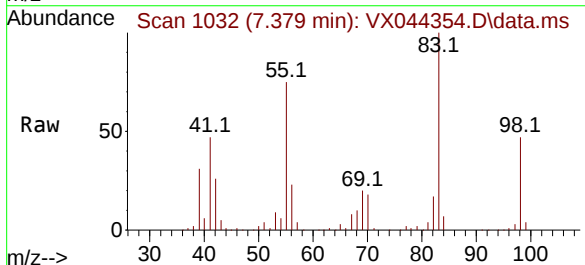
Ion	Ratio	Lower	Upper
95	100		
97	69.3	45.0	83.6
132	102.7	66.6	123.8
130	99.9	72.4	134.5

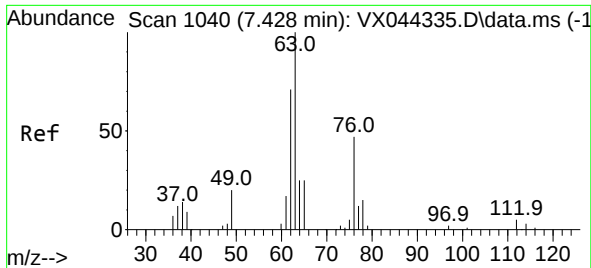


#35
Methylcyclohexane
Concen: 47.400 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Tgt Ion: 83 Resp: 124026

Ion	Ratio	Lower	Upper
83	100		
55	76.4	58.5	87.7
98	50.2	40.5	60.7





#37

1,2-Dichloropropane

Concen: 50.962 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

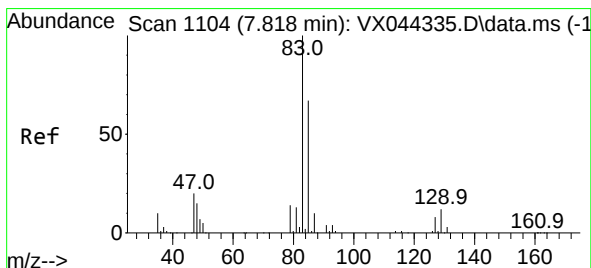
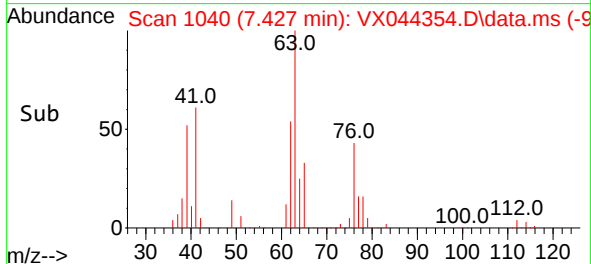
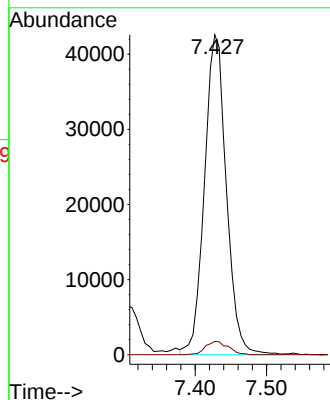
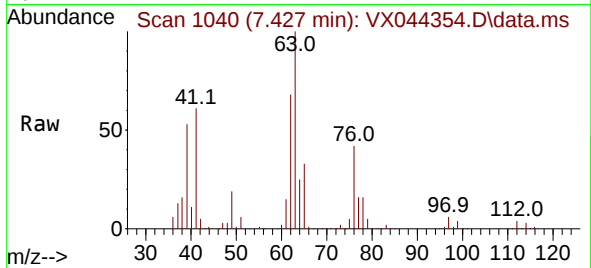
ClientSampleId :

Tgt Ion: 63 Resp: 90532

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 47.963 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

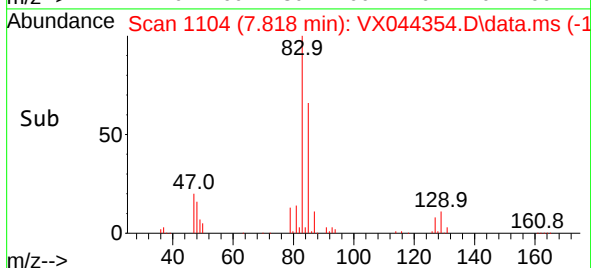
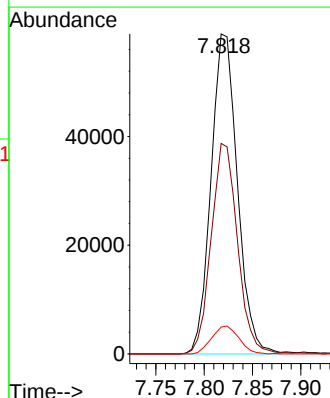
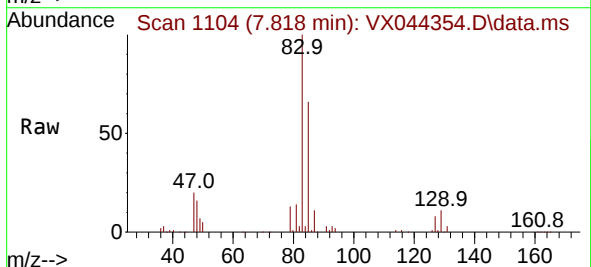
Tgt Ion: 83 Resp: 111630

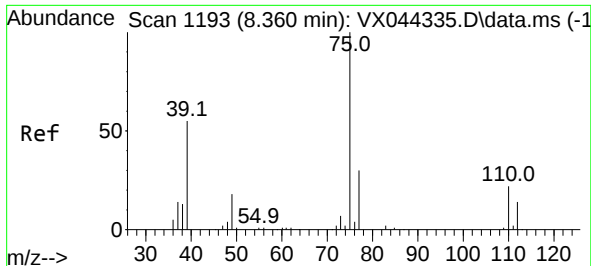
Ion Ratio Lower Upper

83 100

85 65.8 44.1 81.9

127 8.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 48.664 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

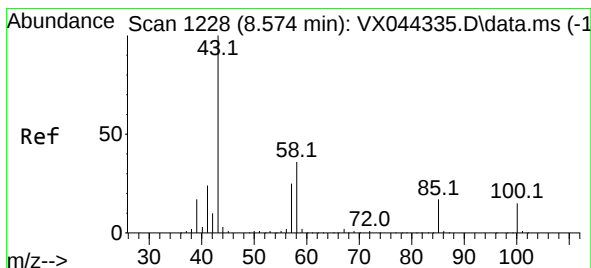
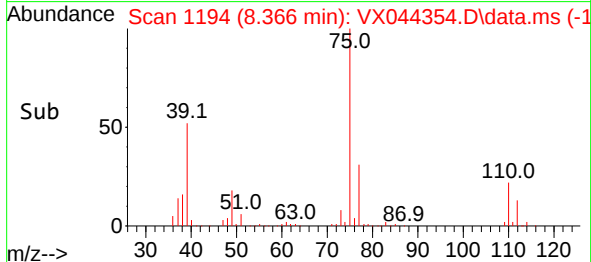
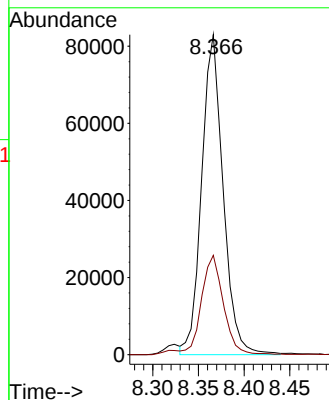
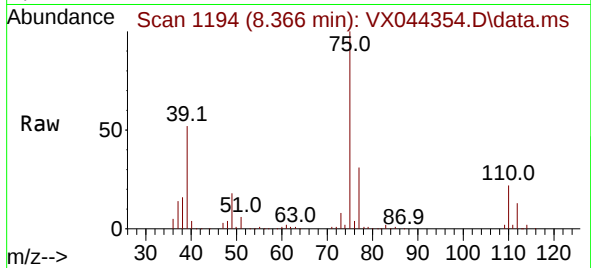
ClientSampleId :

Tgt Ion: 75 Resp: 135406

Ion Ratio Lower Upper

75 100

77 31.0 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 95.587 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

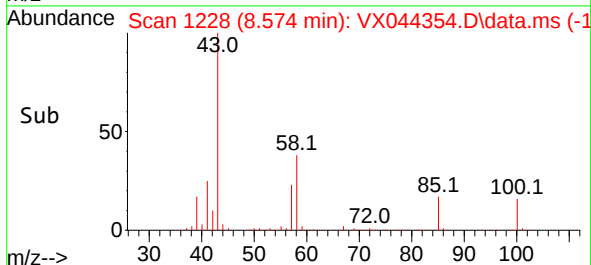
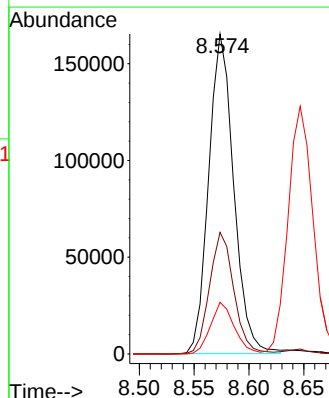
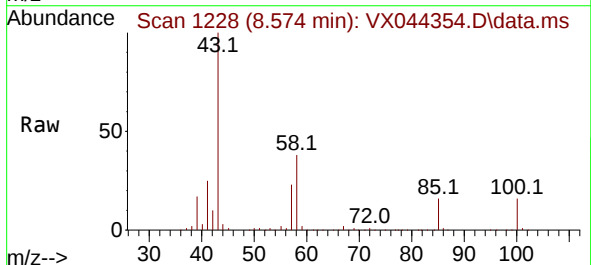
Tgt Ion: 43 Resp: 262888

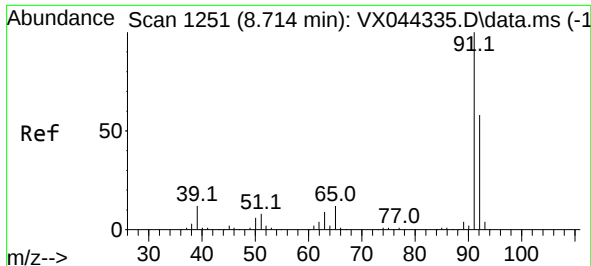
Ion Ratio Lower Upper

43 100

58 37.0 32.4 48.6

100 15.4 13.7 20.5





#42

Toluene

Concen: 49.184 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

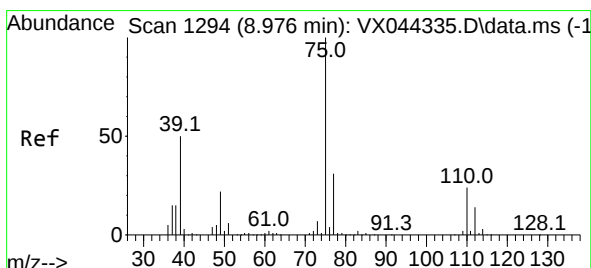
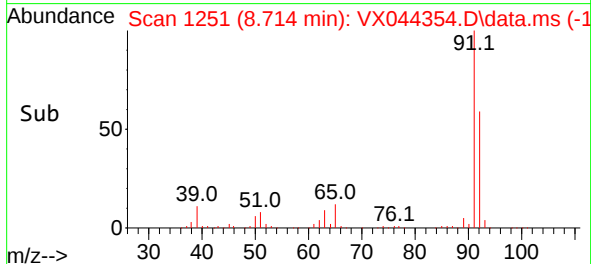
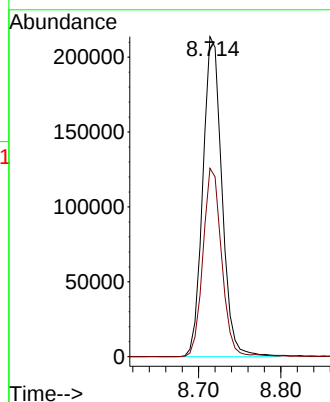
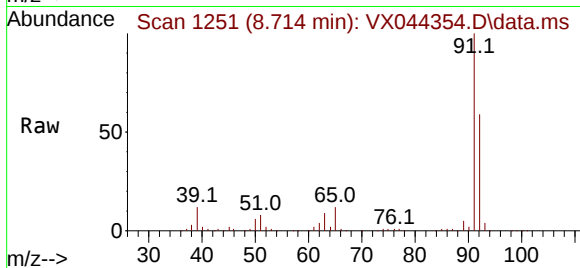
ClientSampleId :

Tgt Ion: 91 Resp: 344778

Ion Ratio Lower Upper

91 100

92 58.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 46.134 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044354.D

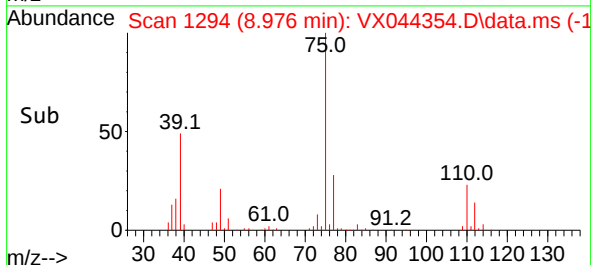
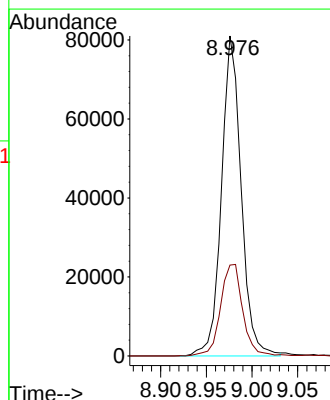
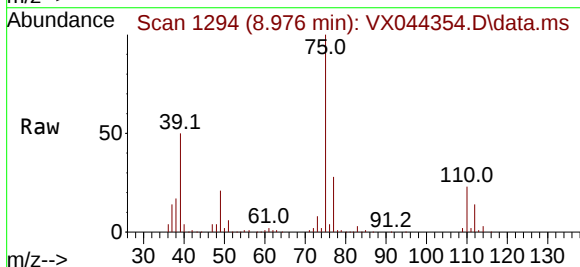
Acq: 17 Dec 2024 16:11

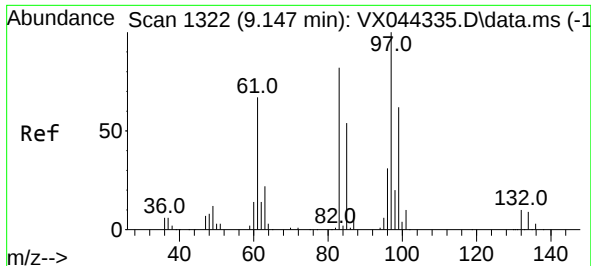
Tgt Ion: 75 Resp: 121669

Ion Ratio Lower Upper

75 100

77 28.4 21.8 40.6

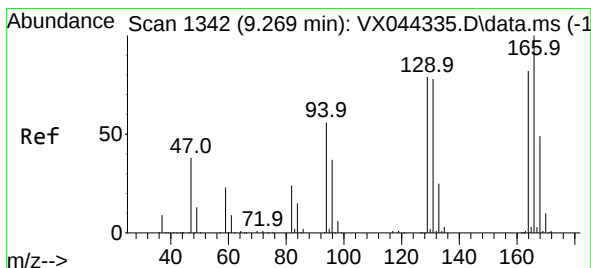
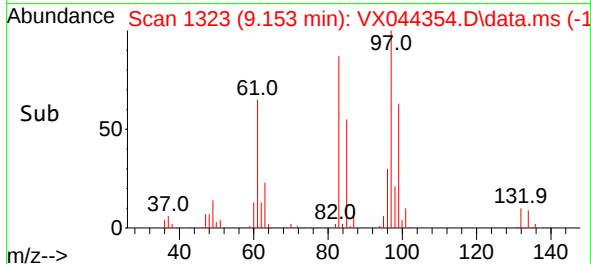
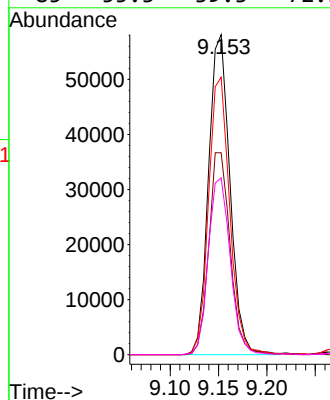
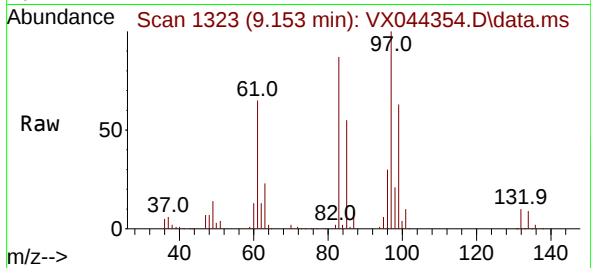




#45
1,1,2-Trichloroethane
Concen: 49.259 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

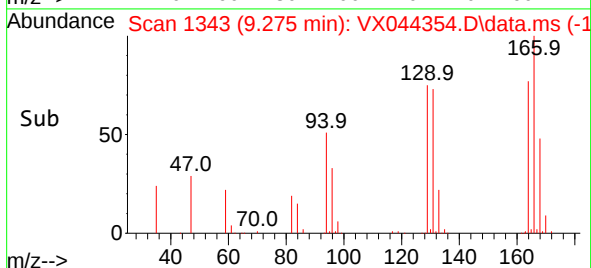
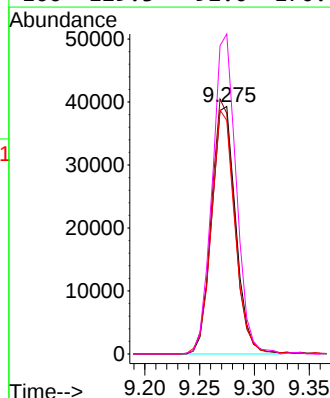
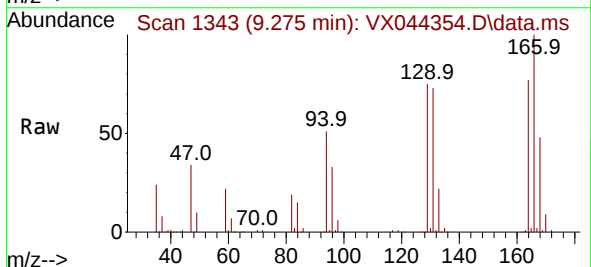
Instrument :
MSVOA_X
ClientSampleId :

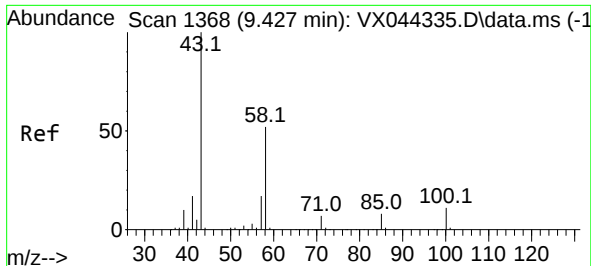
Tgt Ion:	97	Resp:	89675
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.4	80.6
83	86.7	60.2	111.8
85	55.3	39.3	72.9



#46
Tetrachloroethene
Concen: 49.679 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Tgt Ion:	164	Resp:	59858
Ion	Ratio	Lower	Upper
164	100		
129	97.2	73.6	136.6
131	94.4	70.2	130.4
166	129.3	92.0	170.8

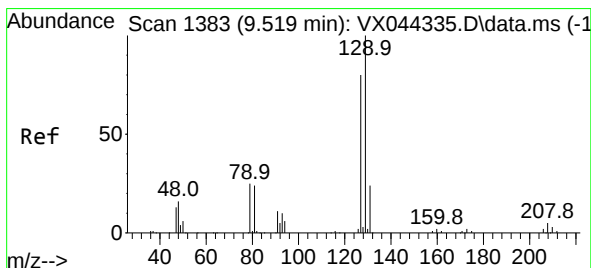
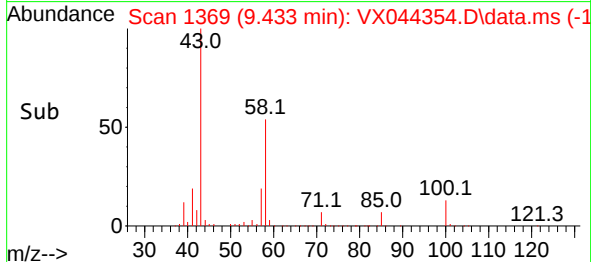
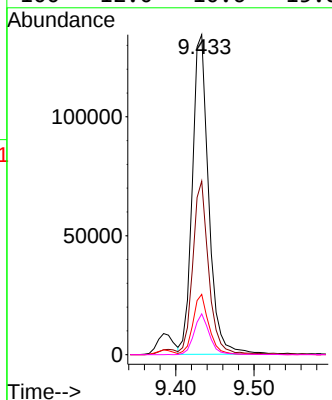
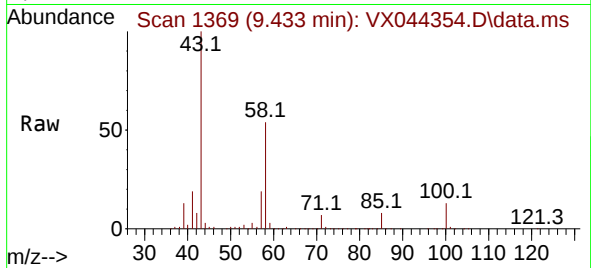




#48
2-Hexanone
Concen: 90.356 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

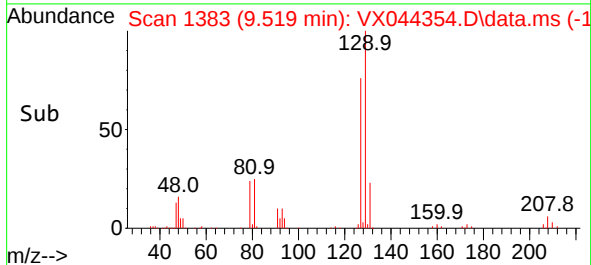
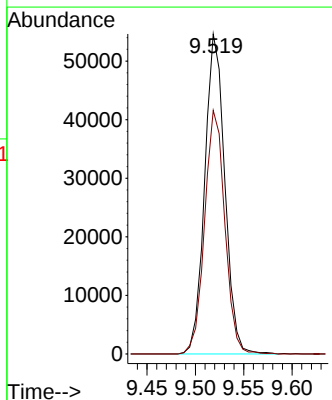
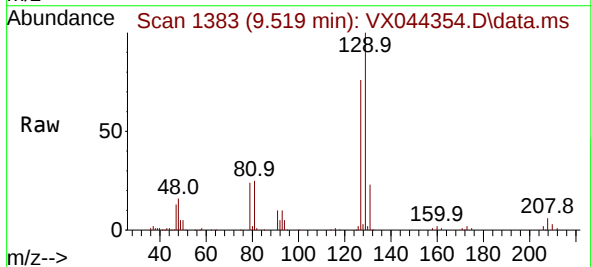
Instrument :
MSVOA_X
ClientSampleId :

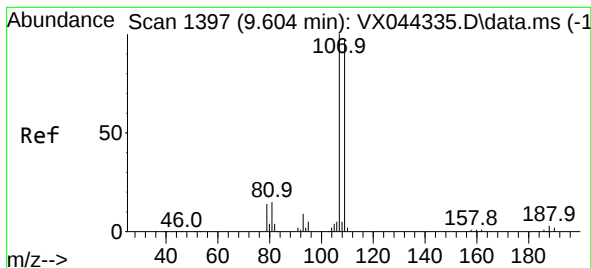
Tgt Ion: 43 Resp: 195660
Ion Ratio Lower Upper
43 100
58 52.9 45.4 68.2
57 18.3 15.4 23.0
100 12.0 10.6 15.8



#49
Dibromochloromethane
Concen: 49.044 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Tgt Ion: 129 Resp: 78918
Ion Ratio Lower Upper
129 100
127 76.1 53.5 99.5





#50

1,2-Dibromoethane

Concen: 48.251 ug/L

RT: 9.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

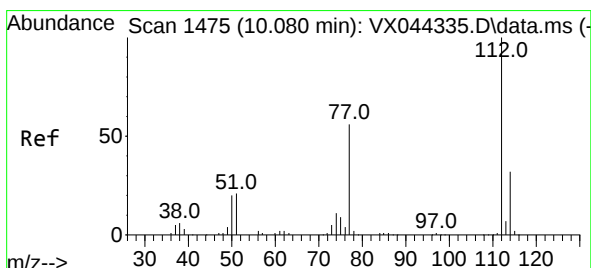
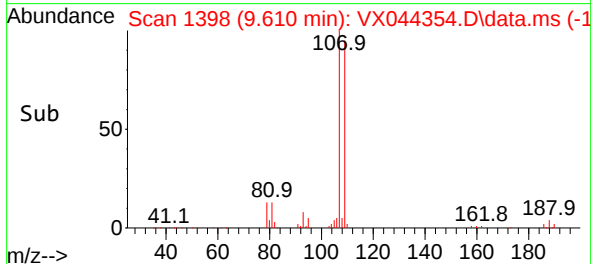
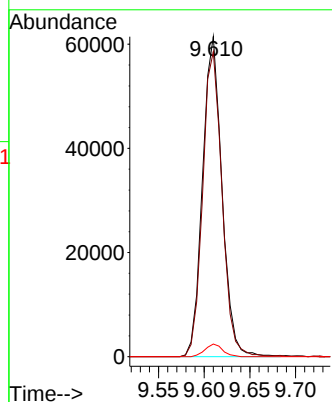
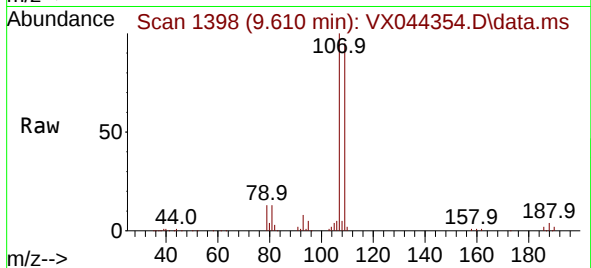
Tgt Ion:107 Resp: 90715

Ion Ratio Lower Upper

107 100

109 95.3 65.5 121.7

188 4.0 2.6 4.0#



#51

Chlorobenzene

Concen: 48.508 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

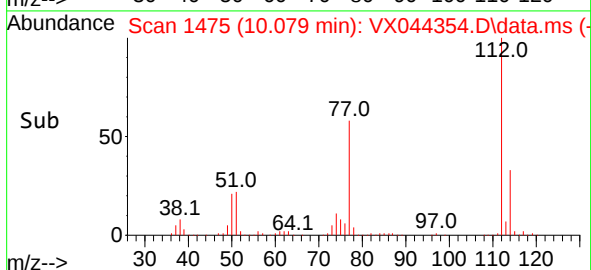
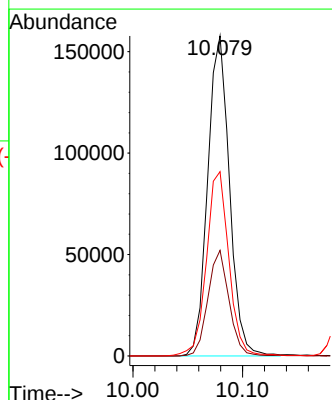
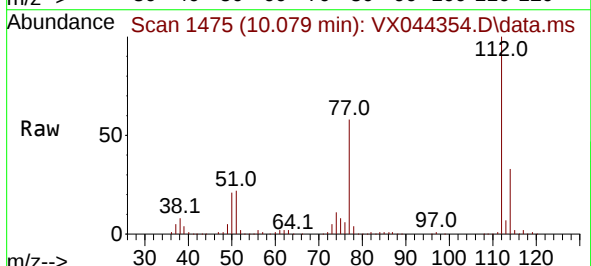
Tgt Ion:112 Resp: 218155

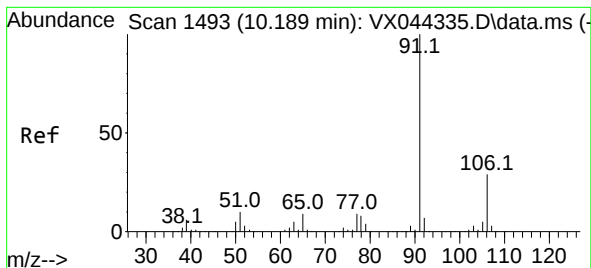
Ion Ratio Lower Upper

112 100

114 33.0 22.9 42.5

77 57.6 48.0 72.0

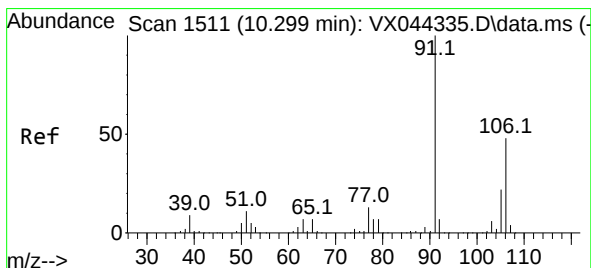
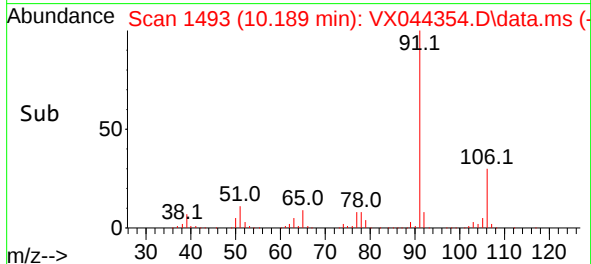
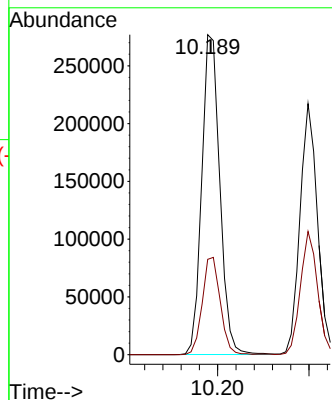
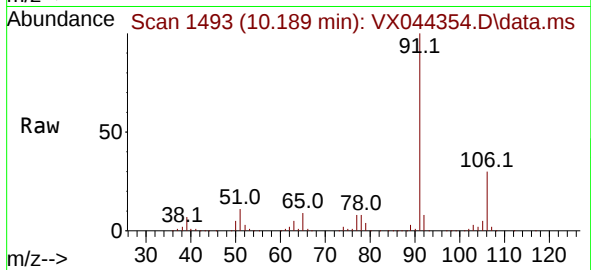




#52
Ethylbenzene
Concen: 49.152 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

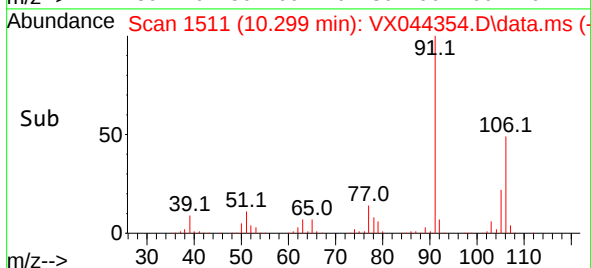
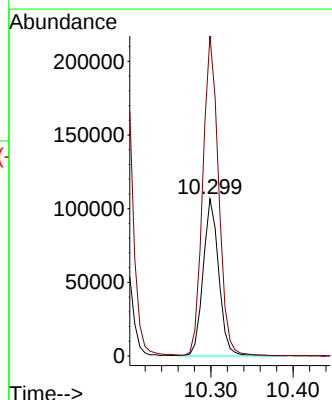
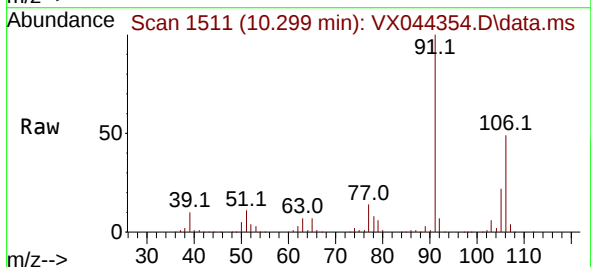
Instrument :
MSVOA_X
ClientSampleId :

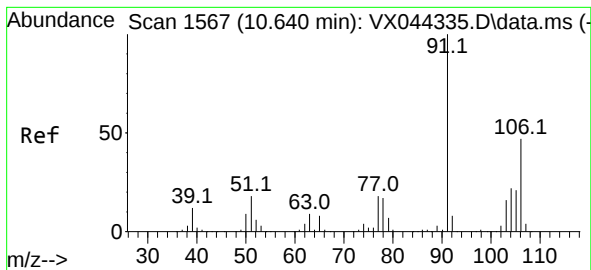
Tgt Ion: 91 Resp: 379533
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.1



#53
m,p-Xylene
Concen: 50.314 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Tgt Ion: 106 Resp: 140716
Ion Ratio Lower Upper
106 100
91 203.9 147.5 273.9





#54

o-Xylene

Concen: 48.560 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

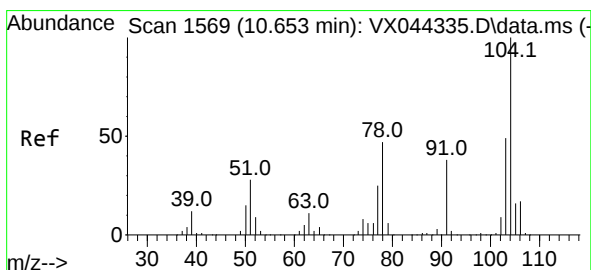
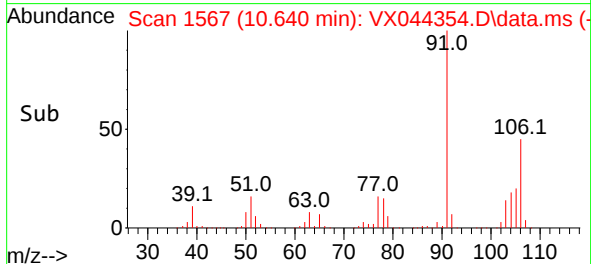
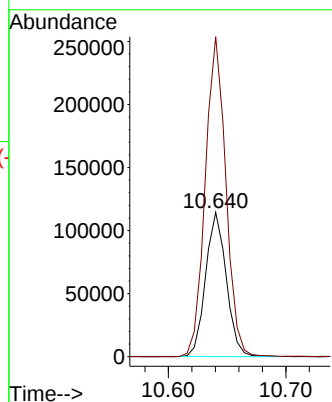
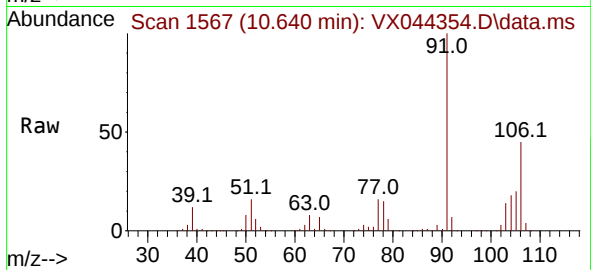
ClientSampleId :

Tgt Ion:106 Resp: 139657

Ion Ratio Lower Upper

106 100

91 221.8 153.7 285.5



#55

Styrene

Concen: 49.498 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044354.D

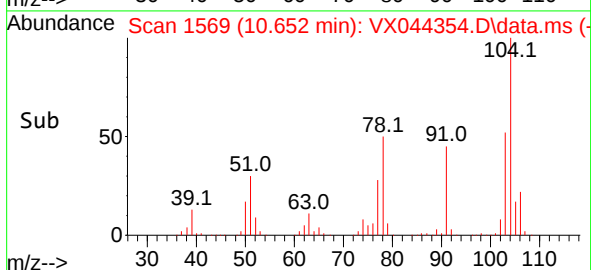
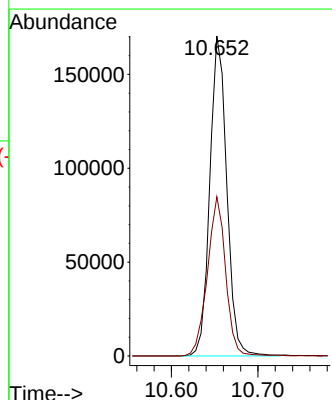
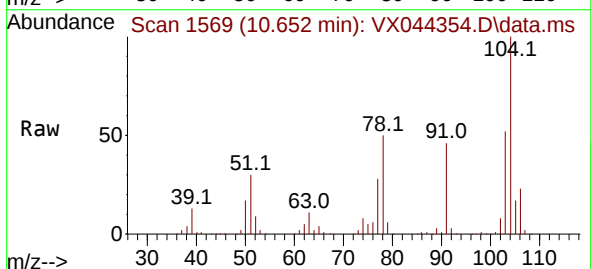
Acq: 17 Dec 2024 16:11

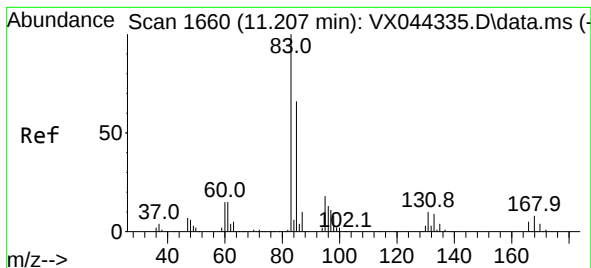
Tgt Ion:104 Resp: 232175

Ion Ratio Lower Upper

104 100

78 49.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 47.889 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

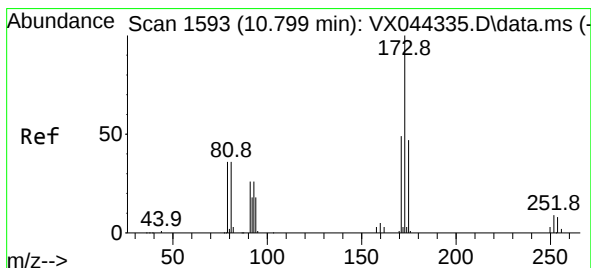
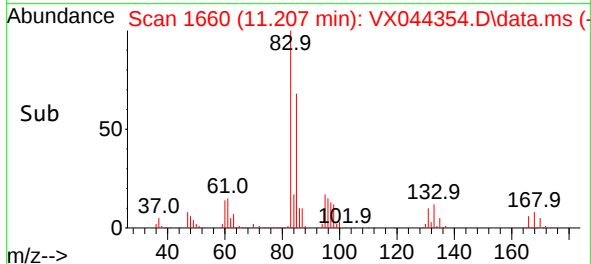
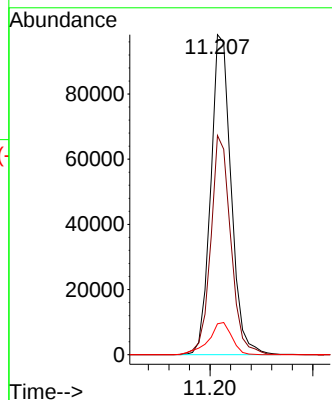
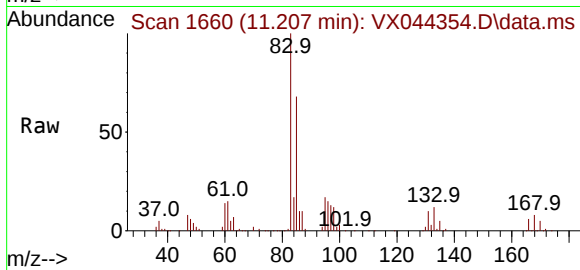
Tgt Ion: 83 Resp: 135241

Ion Ratio Lower Upper

83 100

85 68.5 46.0 85.4

131 9.6 8.8 13.2



#59

Bromoform

Concen: 48.124 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

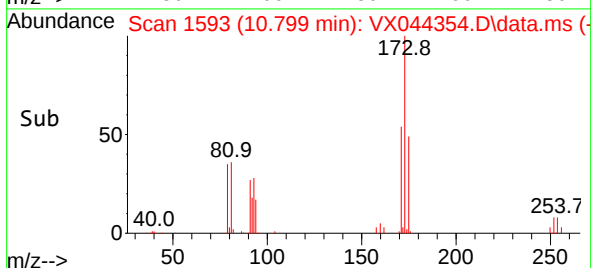
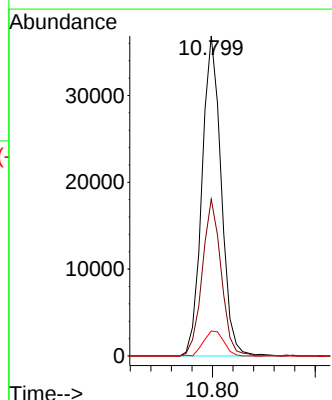
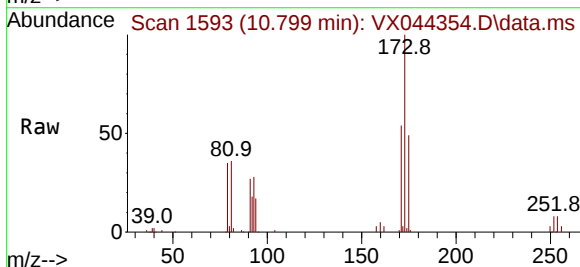
Tgt Ion:173 Resp: 47913

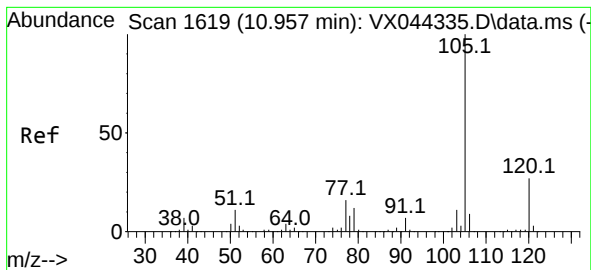
Ion Ratio Lower Upper

173 100

175 48.3 40.0 60.0

254 8.2 6.3 9.5





#60

Isopropylbenzene

Concen: 48.137 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

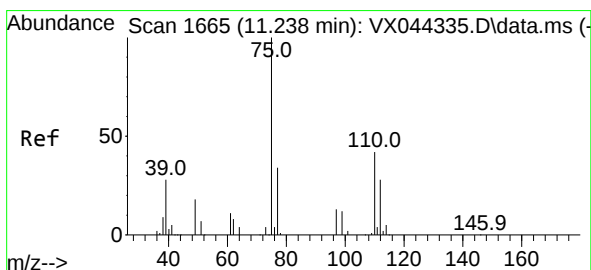
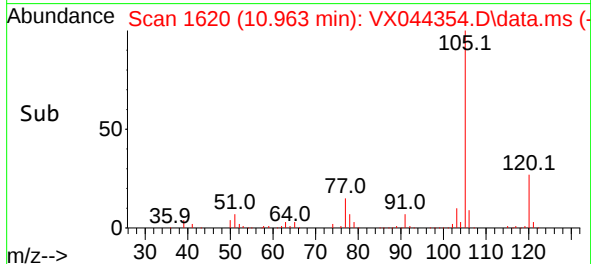
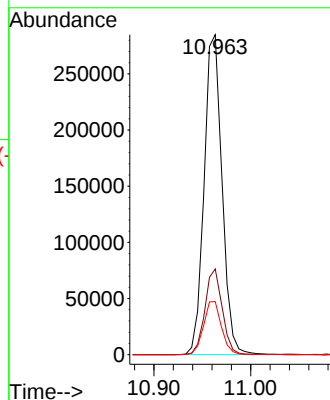
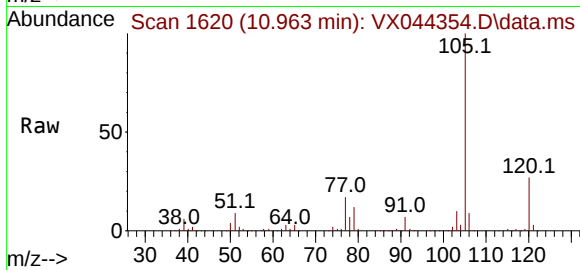
Tgt Ion:105 Resp: 368570

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.6 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 44.905 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

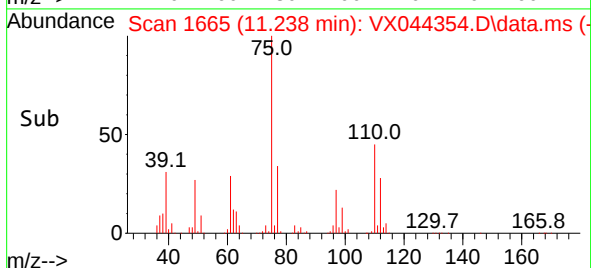
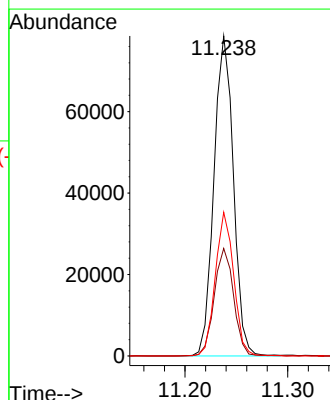
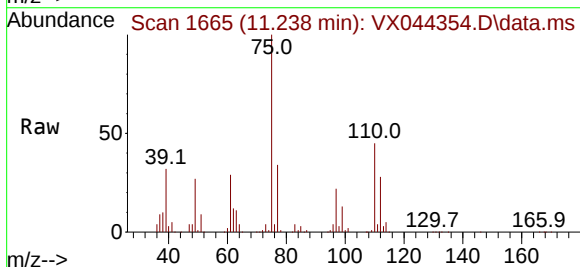
Tgt Ion: 75 Resp: 103199

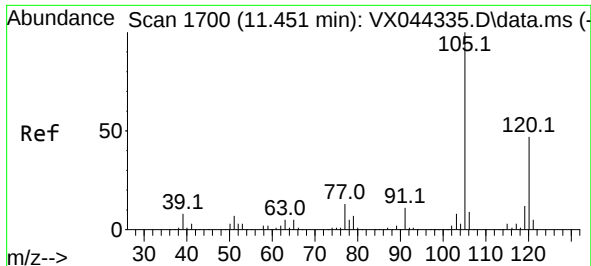
Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.6

110 42.5 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 47.113 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

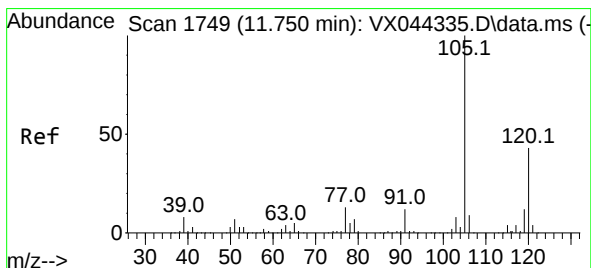
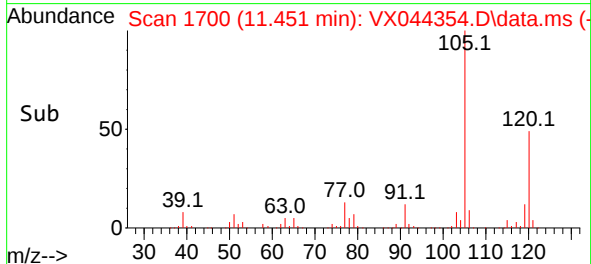
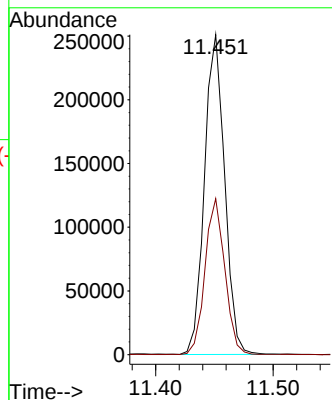
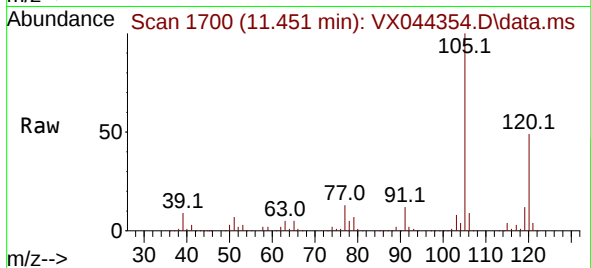
ClientSampleId :

Tgt Ion:105 Resp: 299366

Ion Ratio Lower Upper

105 100

120 48.0 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 47.478 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044354.D

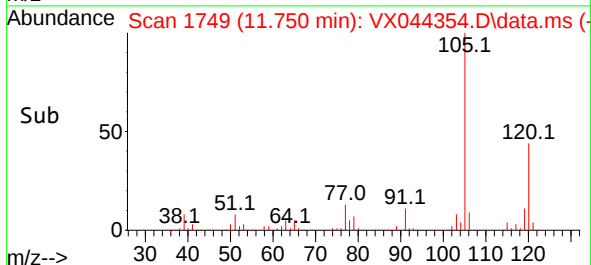
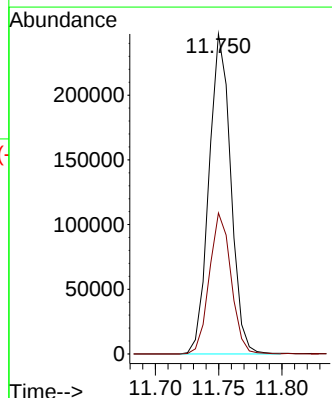
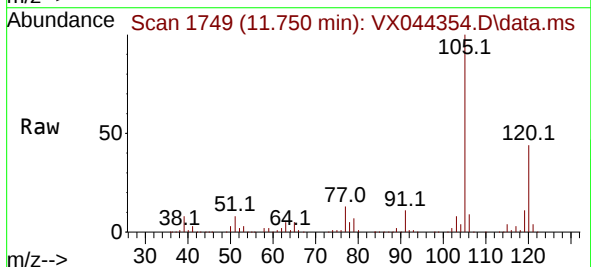
Acq: 17 Dec 2024 16:11

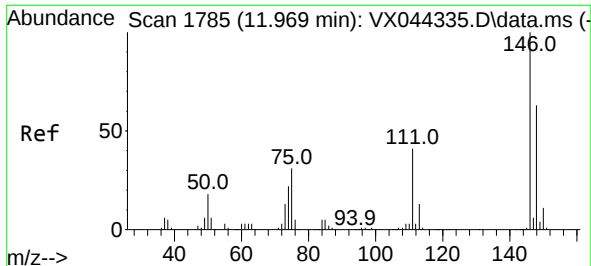
Tgt Ion:105 Resp: 296076

Ion Ratio Lower Upper

105 100

120 43.9 34.5 51.7

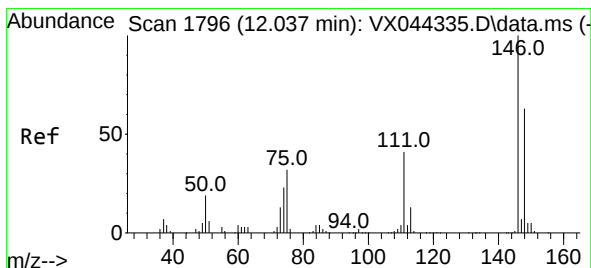
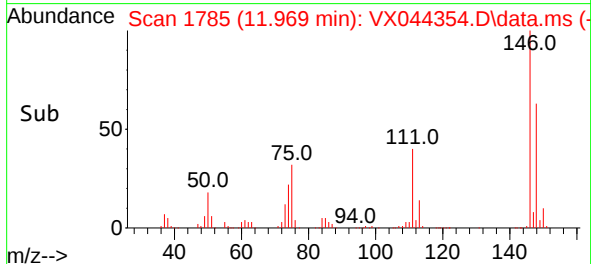
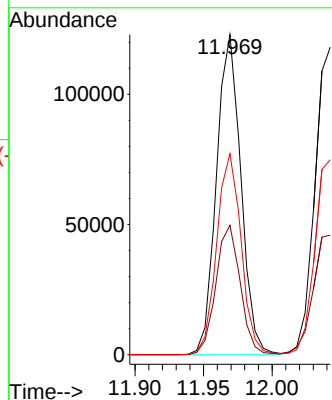
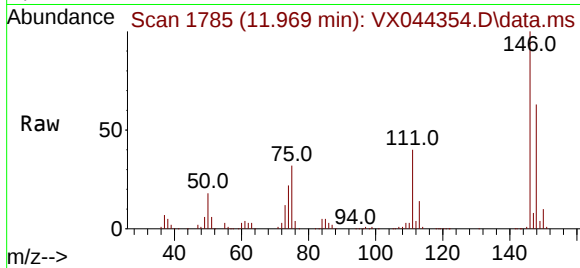




#64
1,3-Dichlorobenzene
Concen: 47.968 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

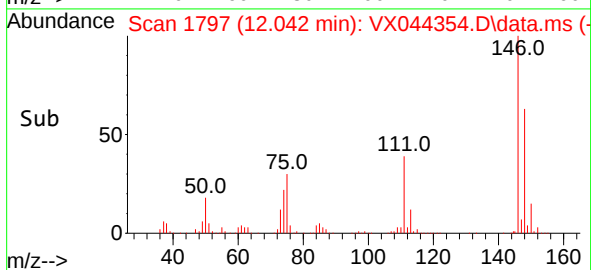
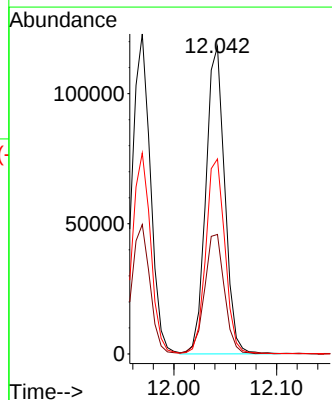
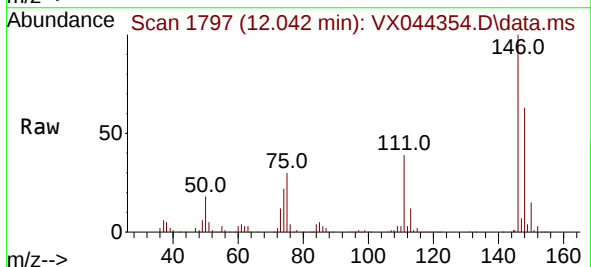
Instrument :
MSVOA_X
ClientSampleId :

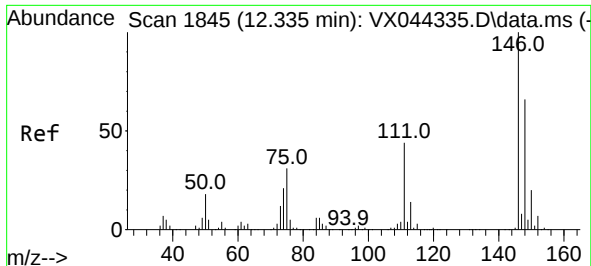
Tgt Ion:146 Resp: 152317
Ion Ratio Lower Upper
146 100
111 40.5 28.8 53.4
148 62.8 46.1 85.5



#65
1,4-Dichlorobenzene
Concen: 47.565 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044354.D
Acq: 17 Dec 2024 16:11

Tgt Ion:146 Resp: 151142
Ion Ratio Lower Upper
146 100
111 38.9 29.5 54.7
148 63.4 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 48.493 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

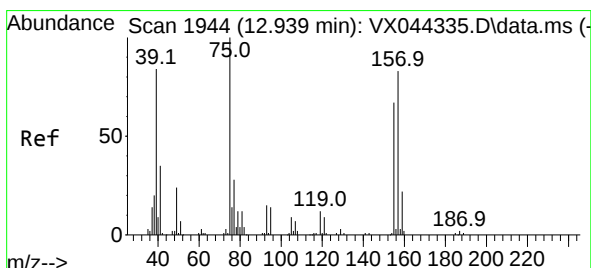
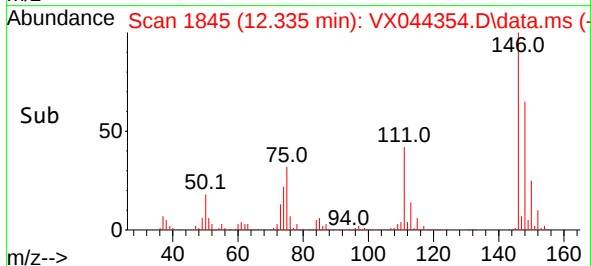
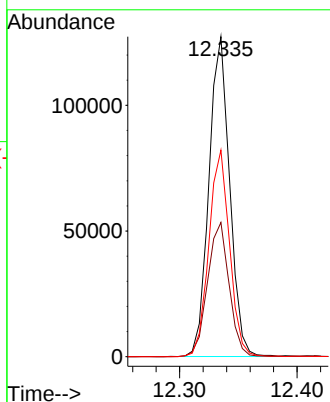
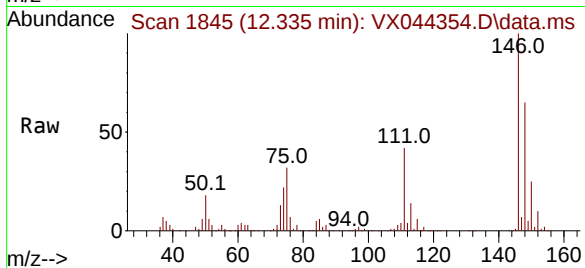
Tgt Ion:146 Resp: 156349

Ion Ratio Lower Upper

146 100

111 42.0 34.3 51.5

148 64.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 42.974 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

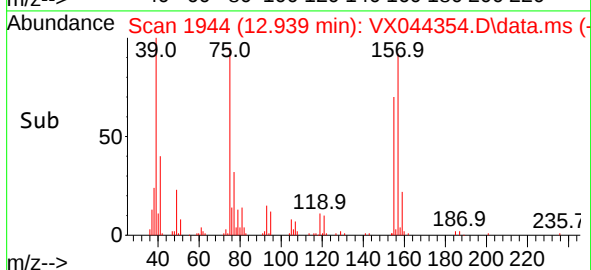
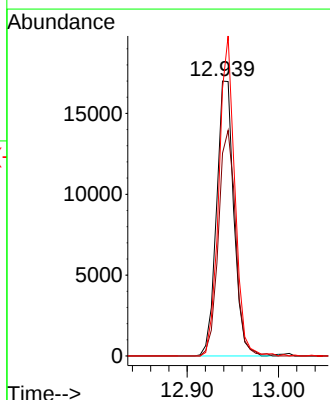
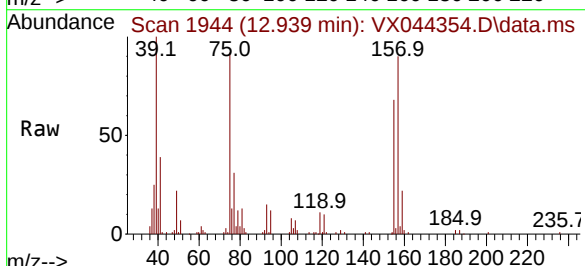
Tgt Ion: 75 Resp: 22446

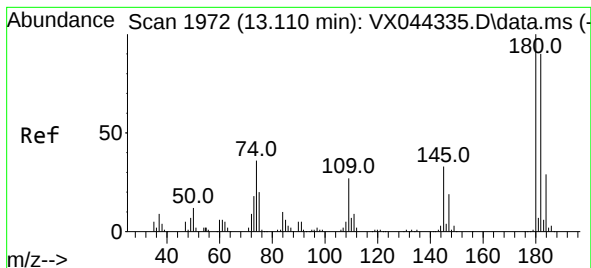
Ion Ratio Lower Upper

75 100

155 73.7 60.5 90.7

157 97.3 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 49.102 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

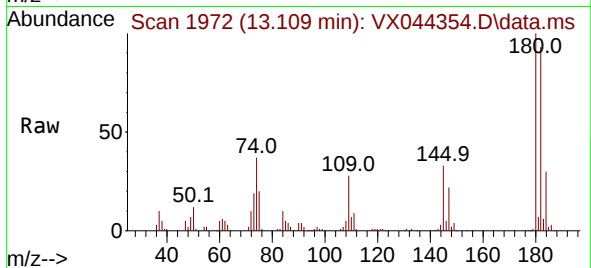
Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 97280

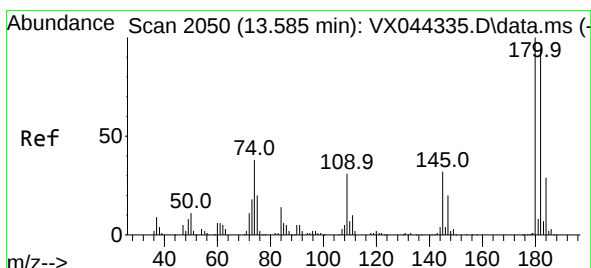
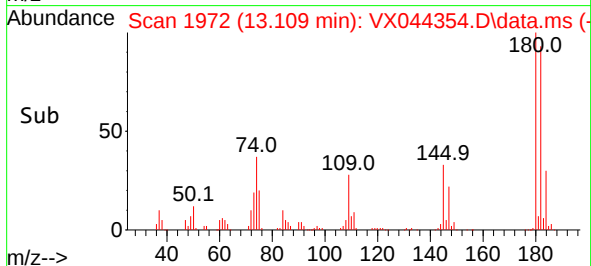
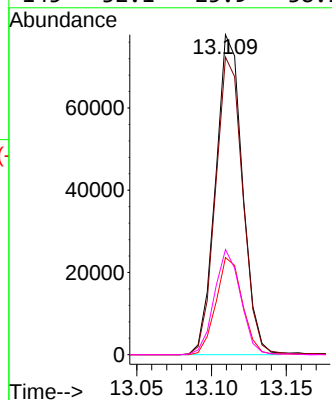
Ion Ratio Lower Upper

180 100

182 94.2 76.7 115.1

184 30.0 24.2 36.4

145 32.1 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 48.714 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

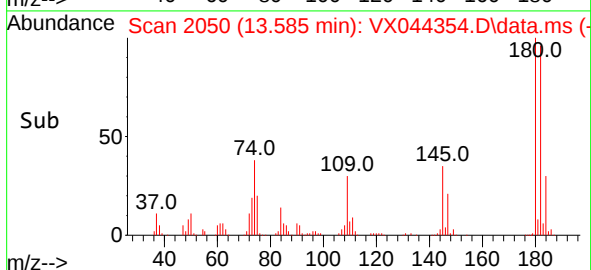
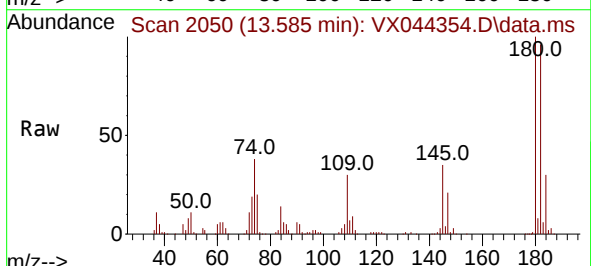
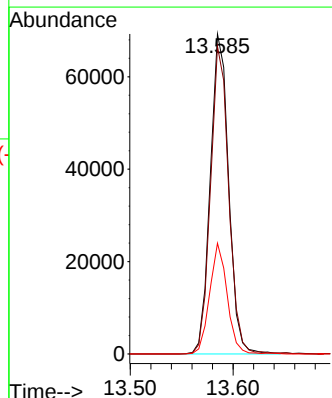
Tgt Ion:180 Resp: 85967

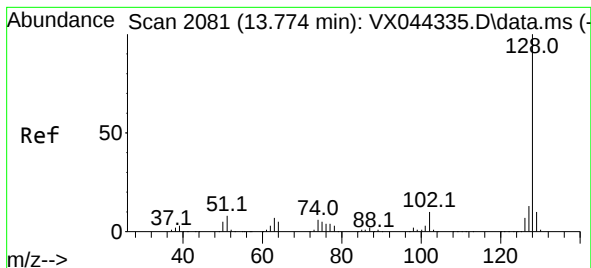
Ion Ratio Lower Upper

180 100

182 95.1 74.1 111.1

145 32.9 25.3 37.9





#71

Naphthalene

Concen: 46.552 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

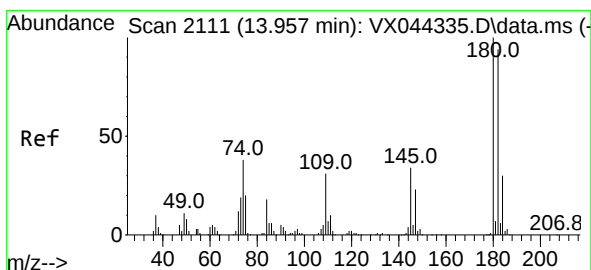
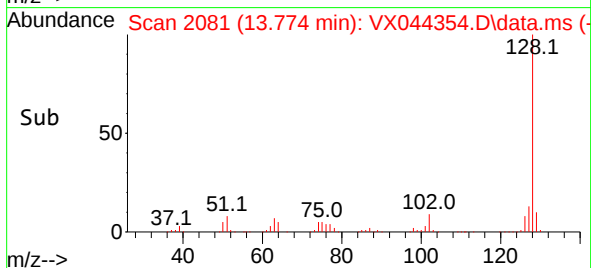
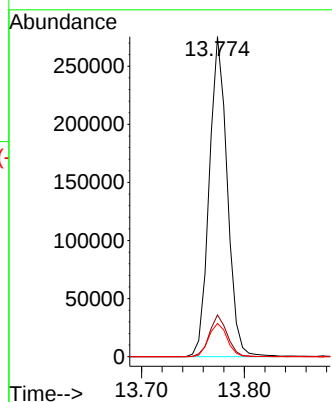
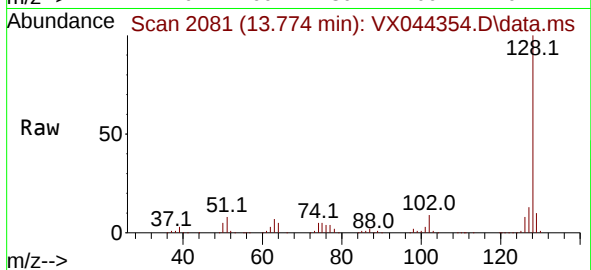
Tgt Ion:128 Resp: 334933

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.866 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044354.D

Acq: 17 Dec 2024 16:11

Tgt Ion:180 Resp: 93485

Ion Ratio Lower Upper

180 100

182 91.3 73.8 110.6

145 34.1 27.4 41.2

