

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112024\
 Data File : VX043911.D
 Acq On : 20 Nov 2024 12:40
 Operator : JC/MD
 Sample : P4776-06
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 21 00:40:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 21 00:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	313154	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	258708	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	112203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	106504	42.629	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.260%
7) Chloroethane-d5	1.648	69	69093	65.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.160%#
11) 1,1-Dichloroethene-d2	2.294	65	45899	45.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.420%
21) 2-Butanone-d5	4.452	46	155634	103.663	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.660%
24) Chloroform-d	5.050	84	205925	44.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.960%
26) 1,2-Dichloroethane-d4	5.952	65	143841	46.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.600%
32) Benzene-d6	5.964	84	425399	49.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
36) 1,2-Dichloropropane-d6	7.299	67	136013	52.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.500%
41) Toluene-d8	8.647	98	361723	48.333	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.660%
43) trans-1,3-Dichloroprop...	8.945	79	57964	49.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.360%
47) 2-Hexanone-d5	9.384	63	98515	102.332	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.330%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	171848	52.858	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.720%
66) 1,2-Dichlorobenzene-d4	12.317	152	122311	51.355	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5997	2.334	ug/L	98
3) Chloromethane	1.294	50	6092	2.319	ug/L	98
5) Vinyl chloride	1.374	62	6731	2.520	ug/L #	56
6) Bromomethane	1.593	94	3164	2.844	ug/L	92
8) Chloroethane	1.672	64	3200	2.691	ug/L	89
9) Trichlorofluoromethane	1.874	101	8890	2.487	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	7120	3.342	ug/L #	85
12) 1,1-Dichloroethene	2.306	96	5693	2.934	ug/L #	1
13) Acetone	2.380	43	7523	5.700	ug/L	95
14) Carbon disulfide	2.495	76	8301	2.013	ug/L	98
15) Methyl Acetate	2.703	43	5945	2.408	ug/L #	87
16) Methylene chloride	2.782	84	6039	2.654	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	4941	2.378	ug/L	91
18) Methyl tert-butyl Ether	3.111	73	18506	2.407	ug/L	97
19) 1,1-Dichloroethane	3.599	63	9842	2.377	ug/L	93
20) cis-1,2-Dichloroethene	4.483	96	5758	2.279	ug/L	93
22) 2-Butanone	4.574	43	4554	2.589	ug/L	99
27) 1,2-Dichloroethane	6.086	62	8999	2.524	ug/L	96
29) Cyclohexane	5.458	56	5616	1.669	ug/L #	88

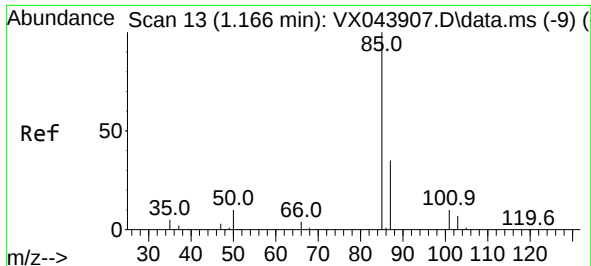
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112024\
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 Quant Title : VOC Analysis
 QLast Update : Thu Nov 21 00:38:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	5.373	97	8539	2.392	ug/L #	70
33) Benzene	6.031	78	21665	2.505	ug/L	100
35) Methylcyclohexane	7.373	83	8684	2.676	ug/L	99
37) 1,2-Dichloropropane	7.434	63	5708	2.543	ug/L #	91
38) Bromodichloromethane	7.818	83	6245	2.219	ug/L #	93
39) cis-1,3-Dichloropropene	8.366	75	8522	2.410	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	14928	4.858	ug/L	94
42) Toluene	8.720	91	21065	2.417	ug/L	96
44) trans-1,3-Dichloropropene	8.976	75	7941	2.498	ug/L	90
45) 1,1,2-Trichloroethane	9.153	97	5421	2.456	ug/L	91
46) Tetrachloroethene	9.275	164	3926	2.539	ug/L	84
48) 2-Hexanone	9.433	43	13502	5.821	ug/L #	89
49) Dibromochloromethane	9.518	129	4313	2.114	ug/L	96
50) 1,2-Dibromoethane	9.610	107	5577	2.399	ug/L #	92
51) Chlorobenzene	10.079	112	14282	2.642	ug/L	92
52) Ethylbenzene	10.195	91	22527	2.452	ug/L	98
53) m,p-Xylene	10.299	106	7772	2.278	ug/L	97
54) o-Xylene	10.640	106	8955	2.607	ug/L	80
55) Styrene	10.659	104	13696	2.409	ug/L	89
57) 1,1,2,2-Tetrachloroethane	11.213	83	9471	2.867	ug/L	88
59) Bromoform	10.799	173	2650	2.108	ug/L #	94
60) Isopropylbenzene	10.963	105	21131	2.390	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	6965	2.724	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	17479	2.502	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	16320	2.343	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	9597	2.587	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	10303	2.797	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	10862	2.828	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	1067	1.668	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.115	180	6220	2.598	ug/L	92
70) 1,2,4-trichlorobenzene	13.591	180	4730	2.143	ug/L	94
71) Naphthalene	13.780	128	16467	2.006	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	4829	2.171	ug/L	92

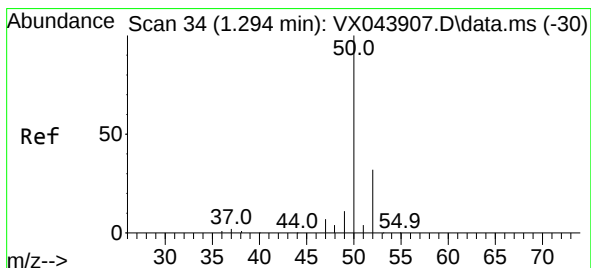
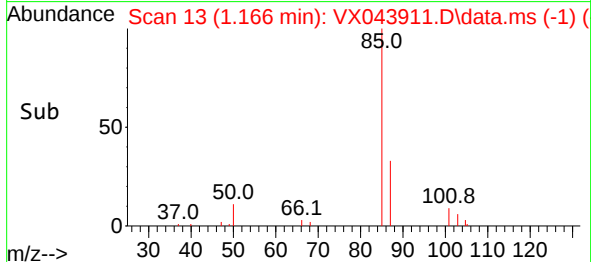
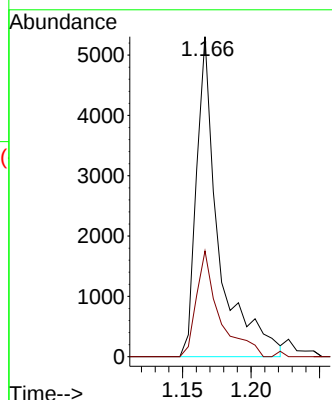
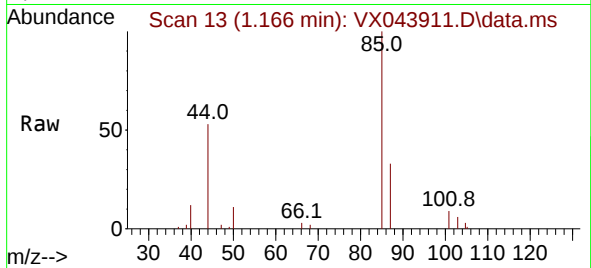
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#2
Dichlorodifluoromethane
Concen: 2.334 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

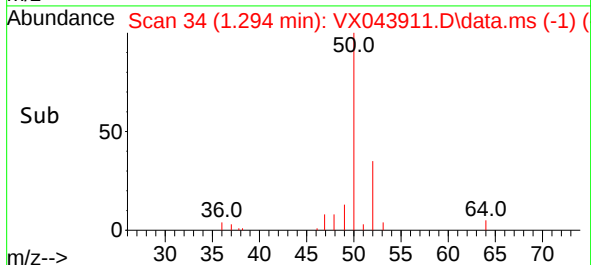
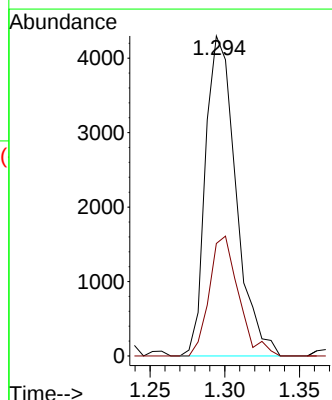
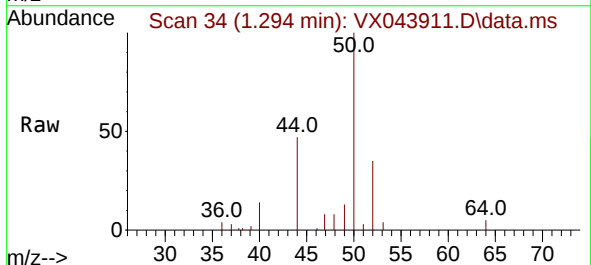
Instrument :
MSVOA_X
ClientSampleId :

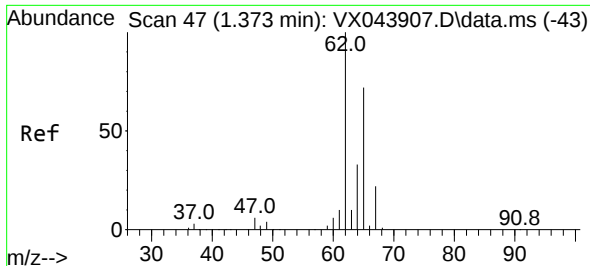
Tgt Ion: 85 Resp: 5997
Ion Ratio Lower Upper
85 100
87 33.8 26.1 39.1



#3
Chloromethane
Concen: 2.319 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

Tgt Ion: 50 Resp: 6092
Ion Ratio Lower Upper
50 100
52 35.1 23.9 44.3

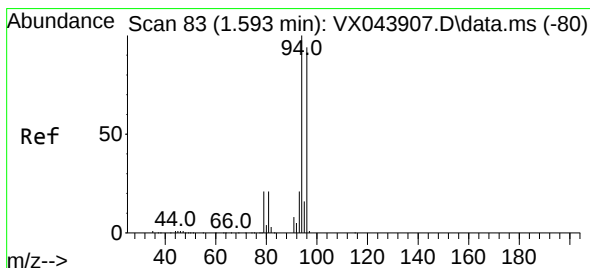
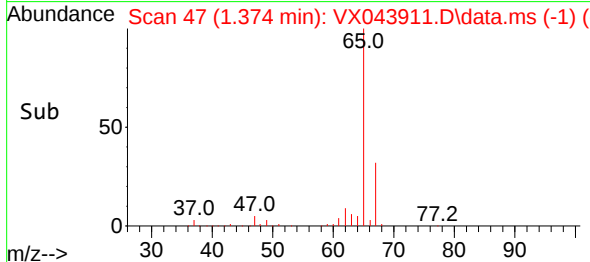
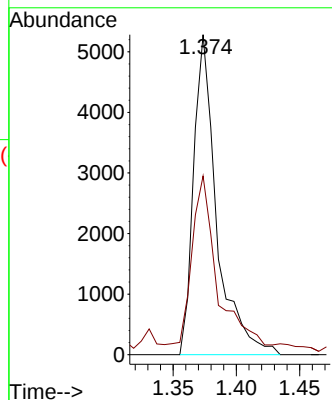
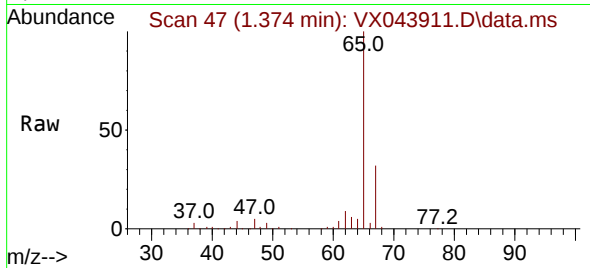




#5
 Vinyl chloride
 Concen: 2.520 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX043911.D
 Acq: 20 Nov 2024 12:40

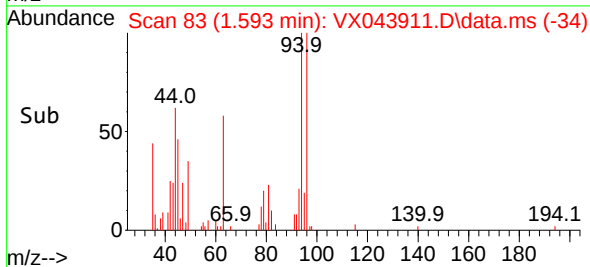
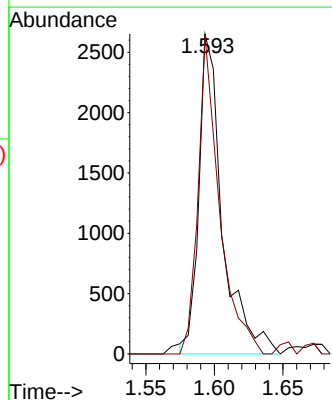
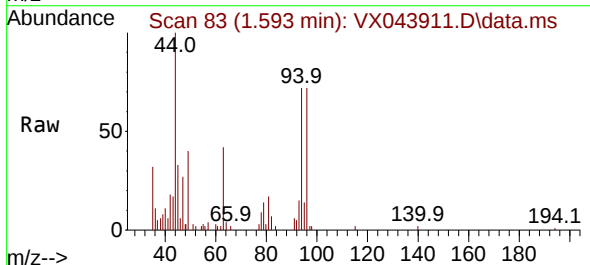
Instrument :
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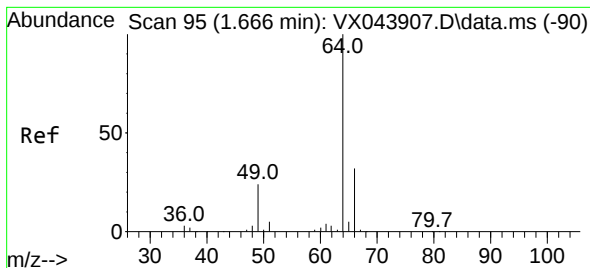
Tgt Ion: 62 Resp: 6731
 Ion Ratio Lower Upper
 62 100
 64 55.9 22.2 41.2#



#6
 Bromomethane
 Concen: 2.844 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX043911.D
 Acq: 20 Nov 2024 12:40

Tgt Ion: 94 Resp: 3164
 Ion Ratio Lower Upper
 94 100
 96 99.7 64.2 119.2





#8

Chloroethane

Concen: 2.691 ug/L

RT: 1.672 min Scan# 90

Delta R.T. 0.006 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

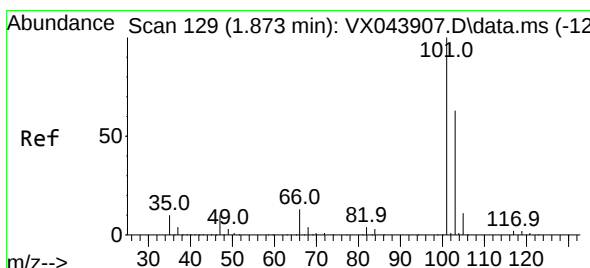
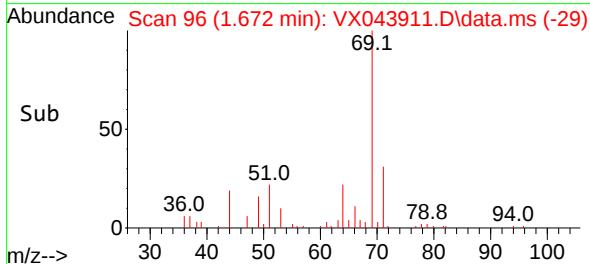
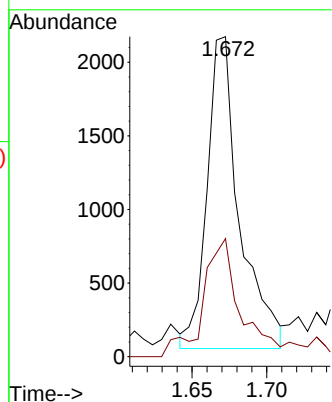
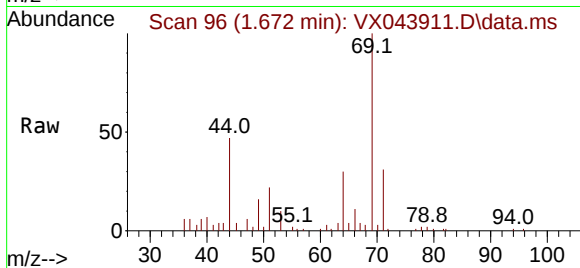
ClientSampleId :

Tgt Ion: 64 Resp: 3200

Ion Ratio Lower Upper

64 100

66 36.9 21.5 39.9



#9

Trichlorofluoromethane

Concen: 2.487 ug/L

RT: 1.874 min Scan# 129

Delta R.T. 0.000 min

Lab File: VX043911.D

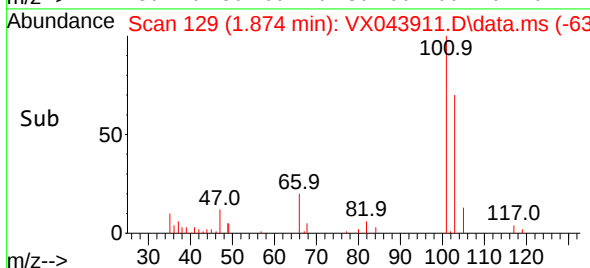
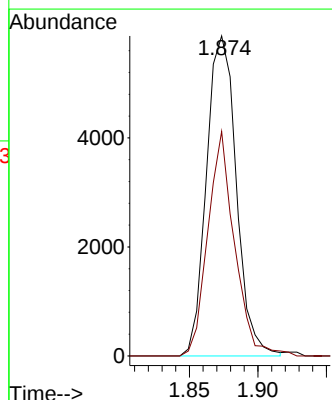
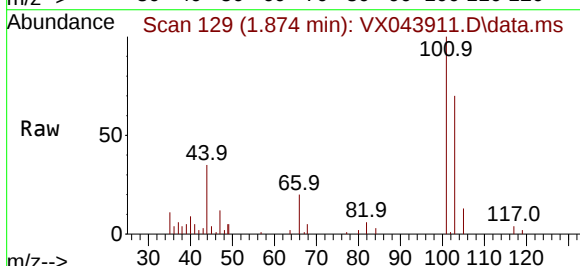
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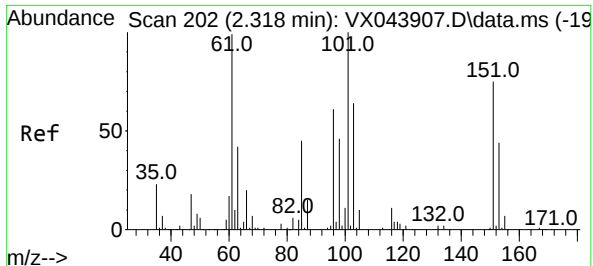
Tgt Ion:101 Resp: 8890

Ion Ratio Lower Upper

101 100

103 62.8 50.8 76.2





#10

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

Concen: 3.342 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

ClientSampleId :

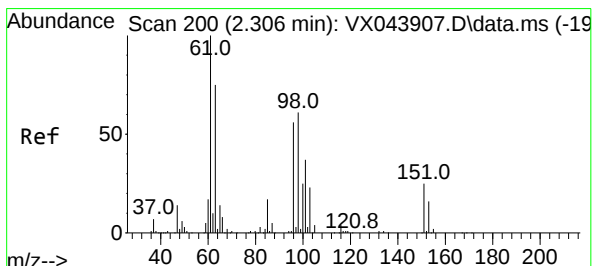
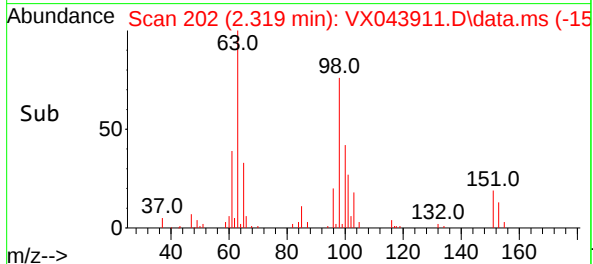
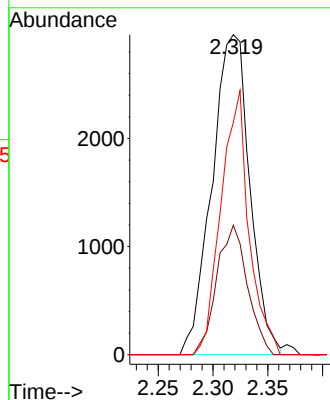
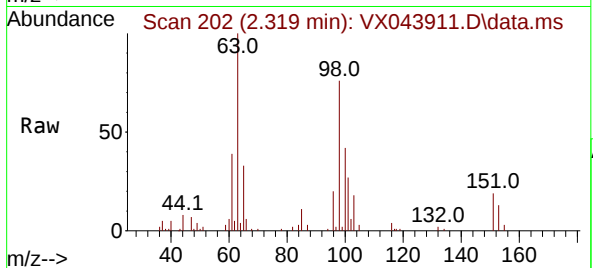
Tgt Ion:101 Resp: 7120

Ion Ratio Lower Upper

101 100

85 32.8 33.9 50.9#

151 60.9 58.5 87.7



#12

1,1-Dichloroethene

Concen: 2.934 ug/L

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

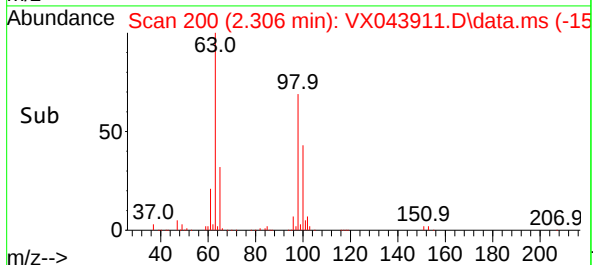
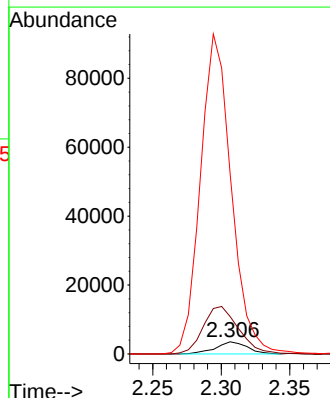
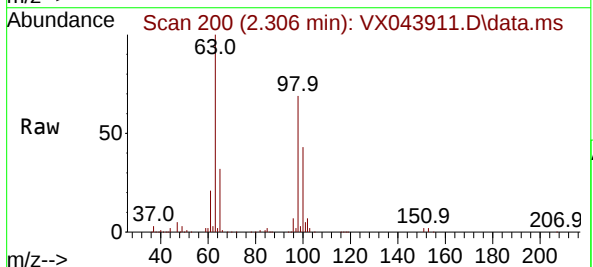
Tgt Ion: 96 Resp: 5693

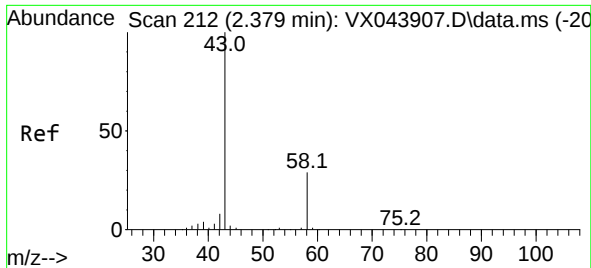
Ion Ratio Lower Upper

96 100

61 309.7 109.3 203.1#

63 1490.4 65.7 122.1#





#13

Acetone

Concen: 5.700 ug/L

RT: 2.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

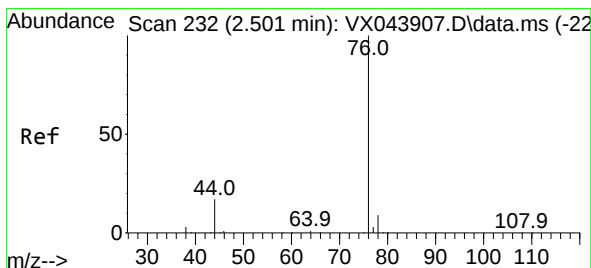
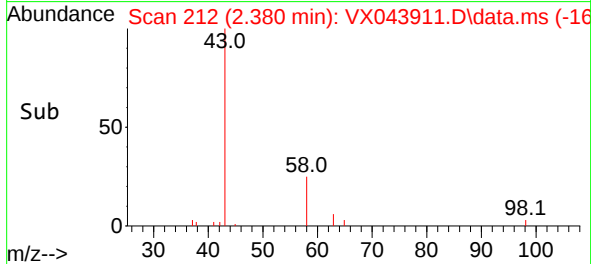
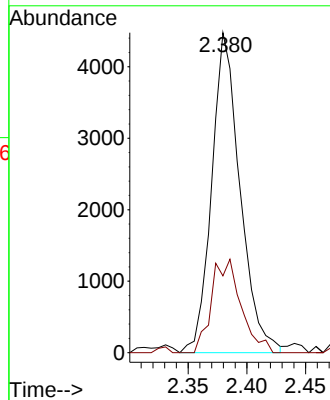
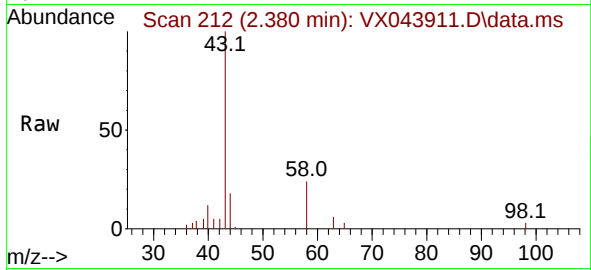
ClientSampleId :

Tgt Ion: 43 Resp: 7523

Ion Ratio Lower Upper

43 100

58 30.3 0.0 66.0



#14

Carbon disulfide

Concen: 2.013 ug/L

RT: 2.495 min Scan# 231

Delta R.T. -0.006 min

Lab File: VX043911.D

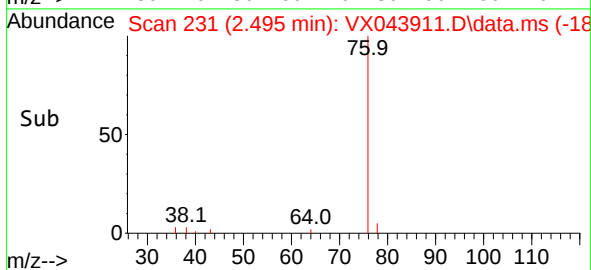
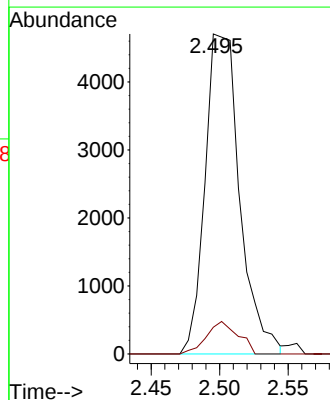
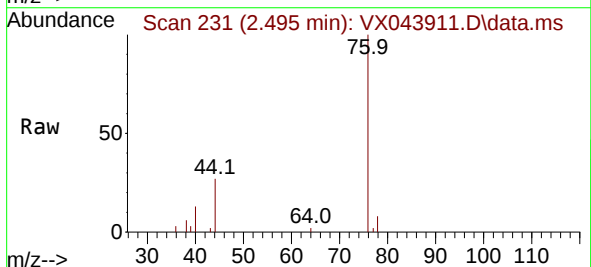
Acq: 20 Nov 2024 12:40

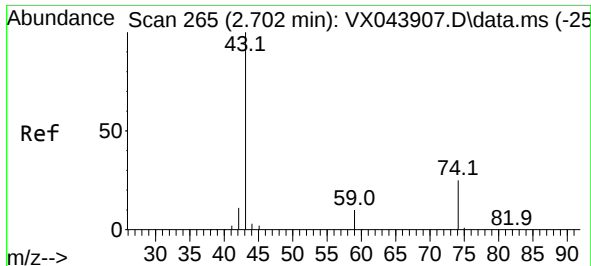
Tgt Ion: 76 Resp: 8301

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8

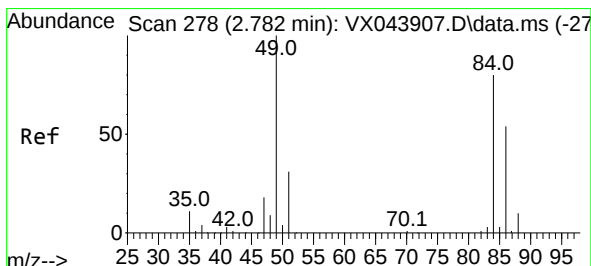
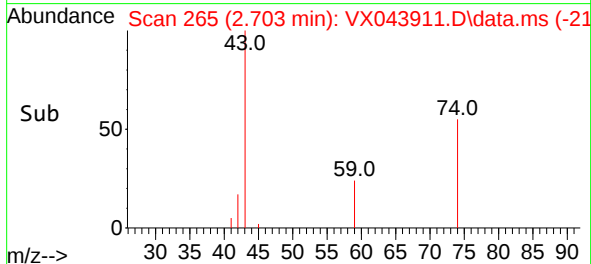
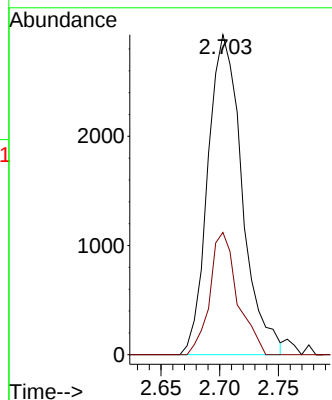
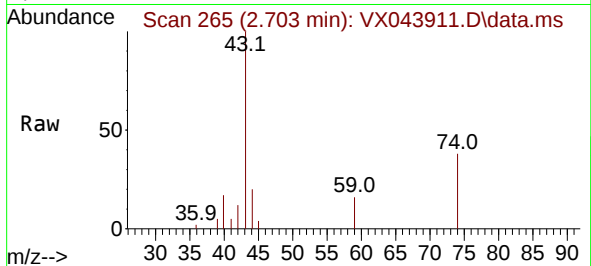




#15
Methyl Acetate
Concen: 2.408 ug/L
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

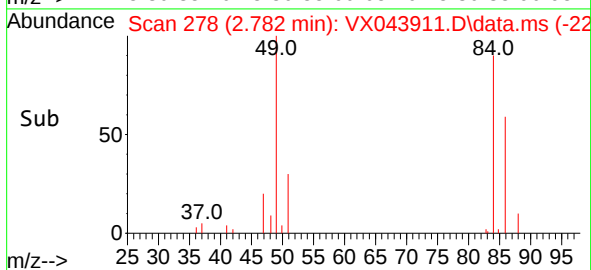
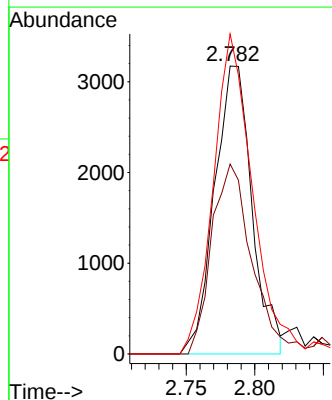
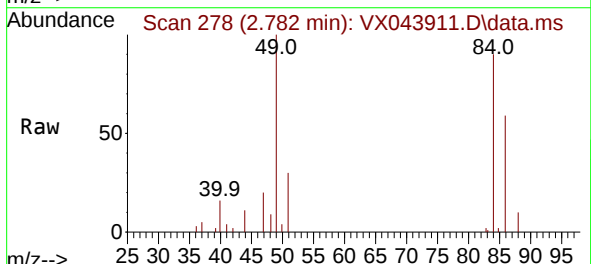
Instrument :
MSVOA_X
ClientSampleId :

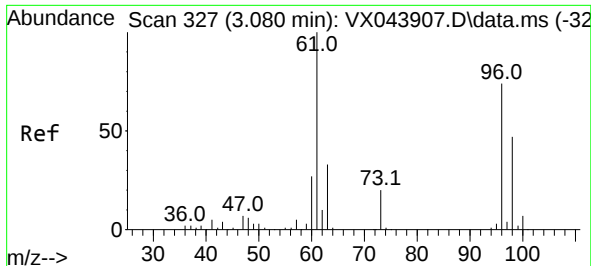
Tgt Ion: 43 Resp: 5945
Ion Ratio Lower Upper
43 100
74 31.0 19.4 29.2#



#16
Methylene chloride
Concen: 2.654 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

Tgt Ion: 84 Resp: 6039
Ion Ratio Lower Upper
84 100
86 66.0 46.0 85.4
49 111.2 80.8 150.2

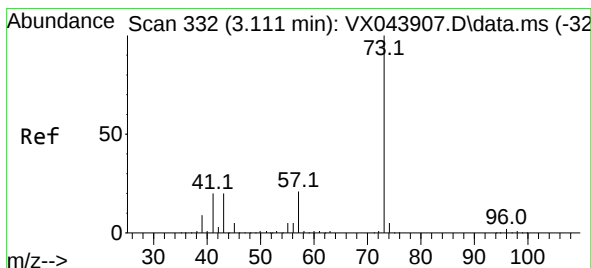
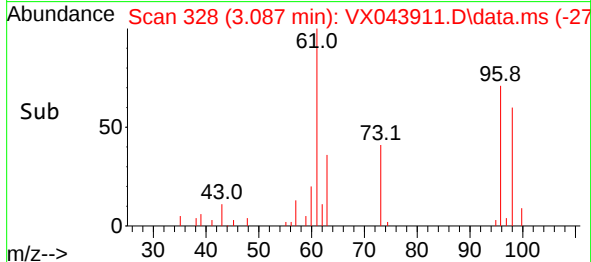
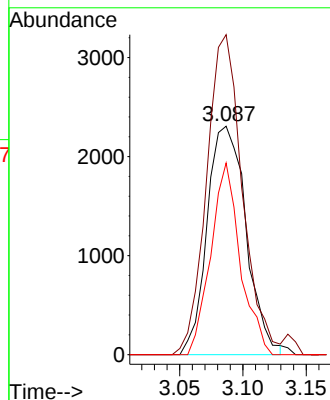
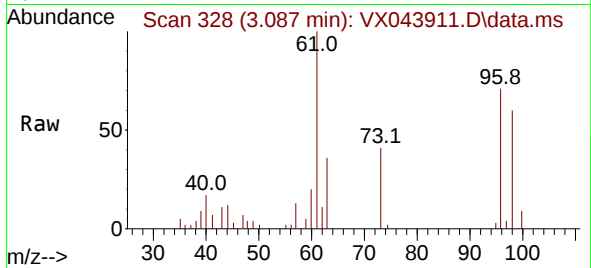




#17
trans-1,2-Dichloroethene
Concen: 2.378 ug/L
RT: 3.087 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

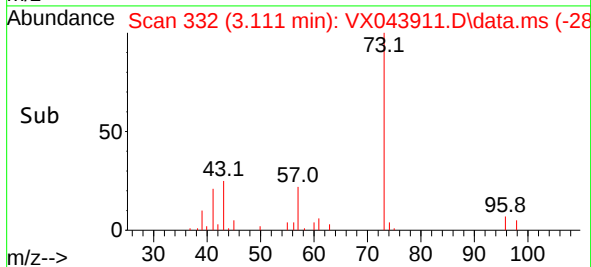
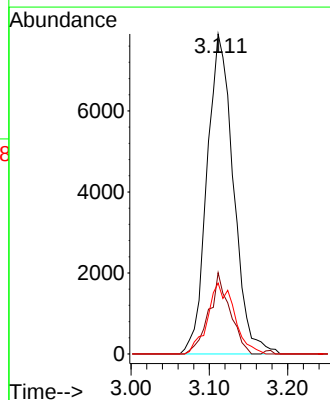
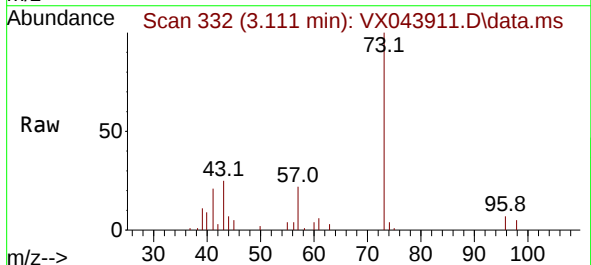
Instrument :
MSVOA_X
ClientSampleId :

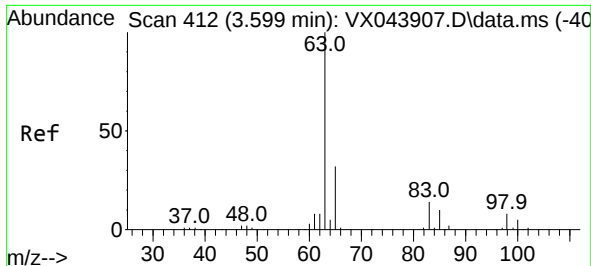
Tgt Ion: 96 Resp: 4941
Ion Ratio Lower Upper
96 100
61 140.1 95.7 177.7
98 83.9 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 2.407 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

Tgt Ion: 73 Resp: 18506
Ion Ratio Lower Upper
73 100
43 20.2 15.2 22.8
57 22.4 17.0 25.6





#19

1,1-Dichloroethane

Concen: 2.377 ug/L

RT: 3.599 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

ClientSampleId :

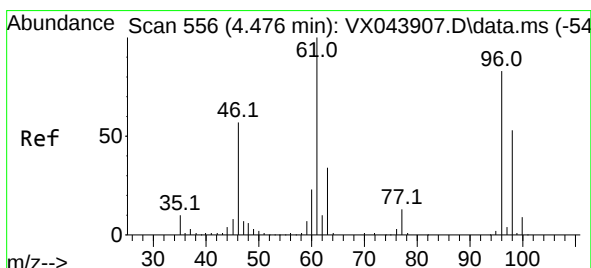
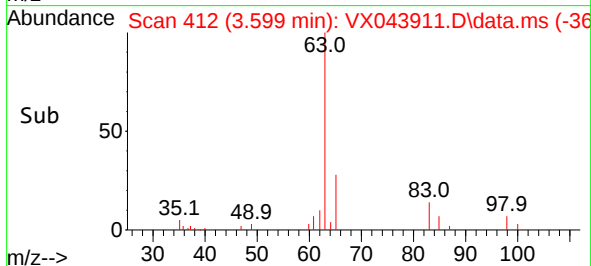
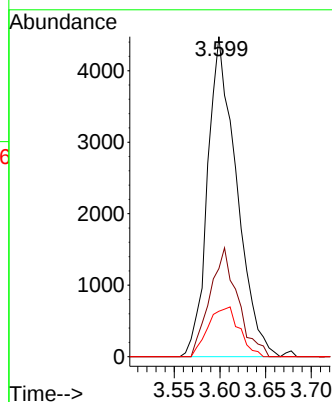
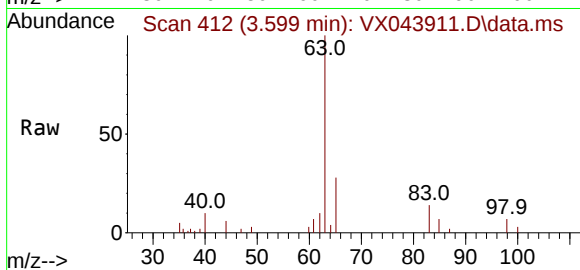
Tgt Ion: 63 Resp: 9842

Ion Ratio Lower Upper

63 100

65 27.6 23.2 43.2

83 14.2 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 2.279 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

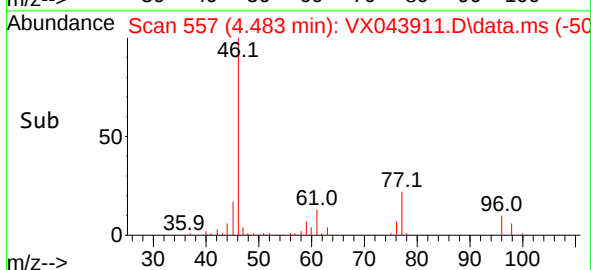
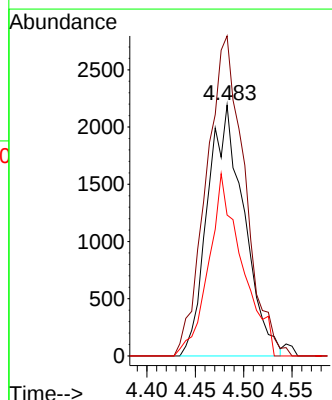
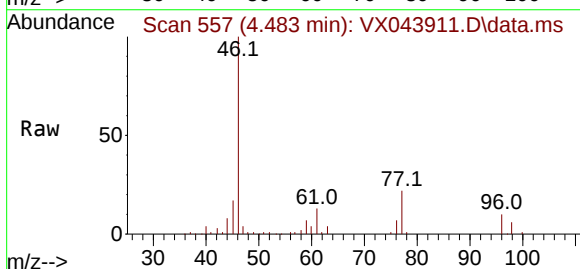
Tgt Ion: 96 Resp: 5758

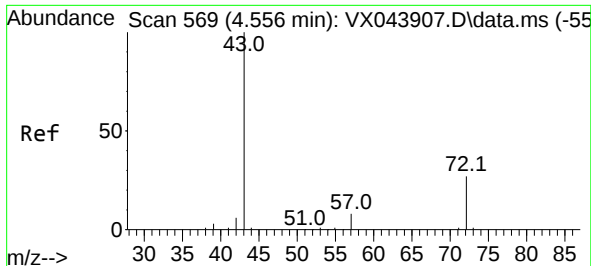
Ion Ratio Lower Upper

96 100

61 127.6 85.0 158.0

98 56.2 44.6 82.8

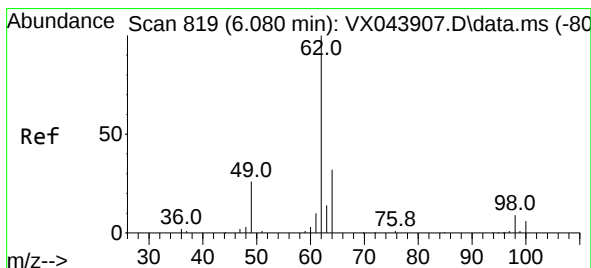
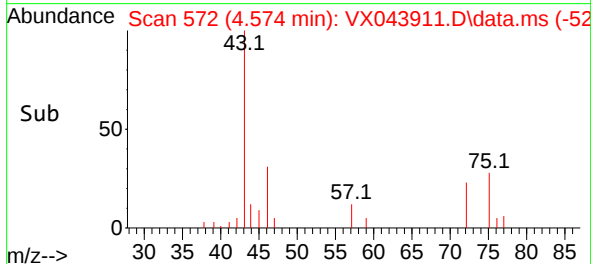
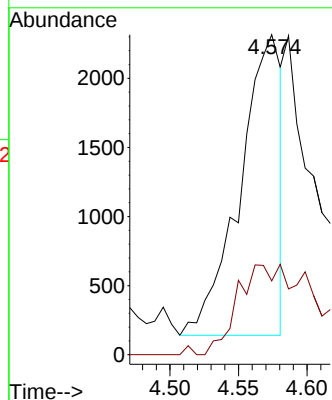
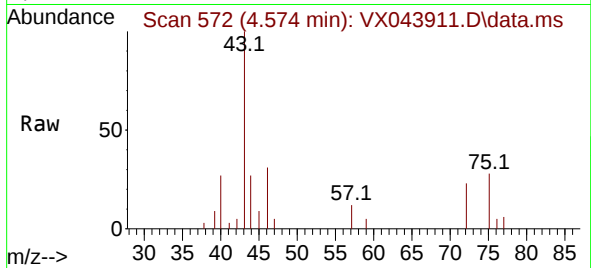




#22
2-Butanone
Concen: 2.589 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

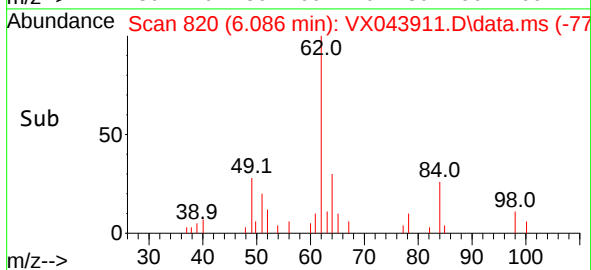
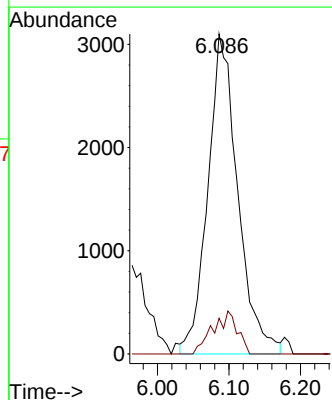
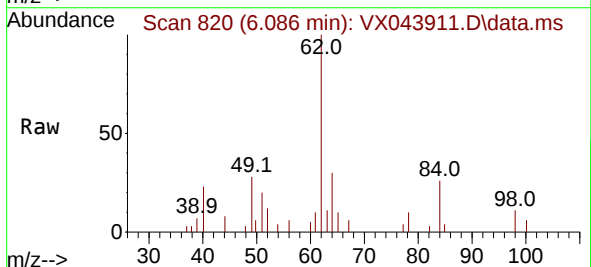
Instrument :
MSVOA_X
ClientSampleId :

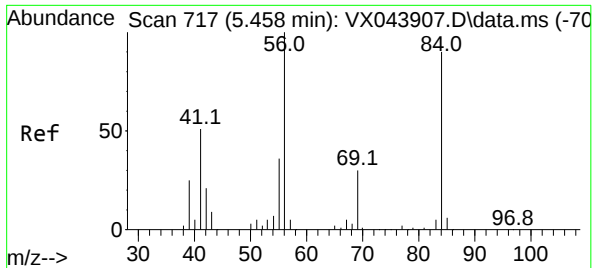
Tgt Ion: 43 Resp: 4554
Ion Ratio Lower Upper
43 100
72 25.8 13.1 39.3



#27
1,2-Dichloroethane
Concen: 2.524 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

Tgt Ion: 62 Resp: 8999
Ion Ratio Lower Upper
62 100
98 11.1 7.7 11.5





#29

Cyclohexane

Concen: 1.669 ug/L

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX043911.D

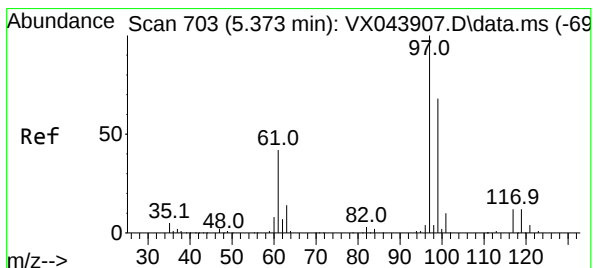
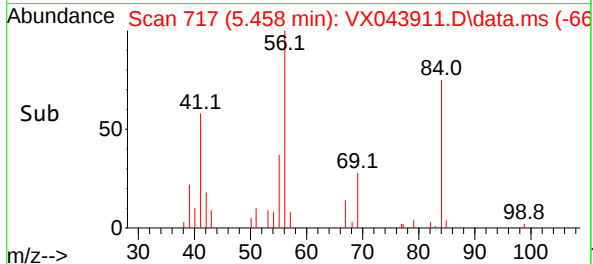
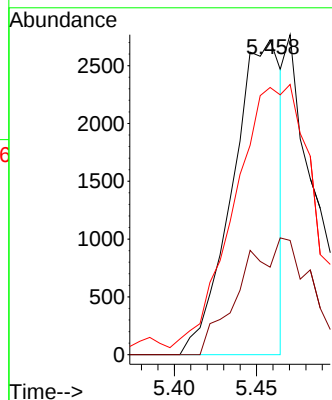
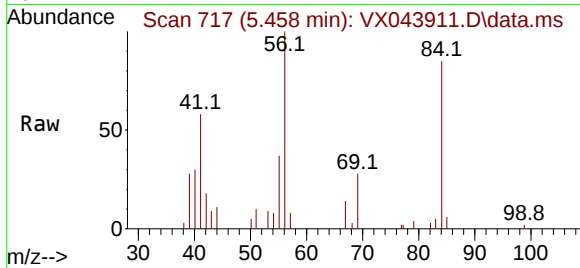
Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 56	Resp: 5616
Ion Ratio	Lower Upper
56	100
69	19.6 25.1 37.7#
84	82.7 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 2.392 ug/L

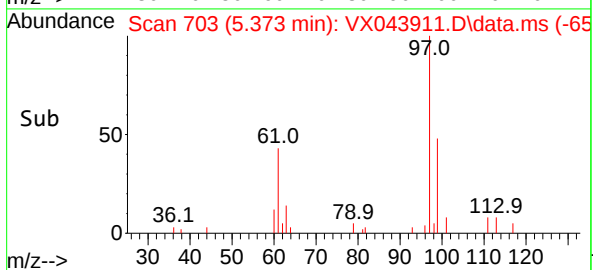
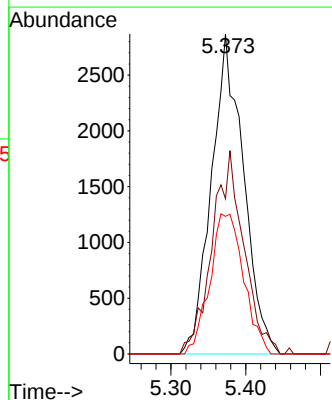
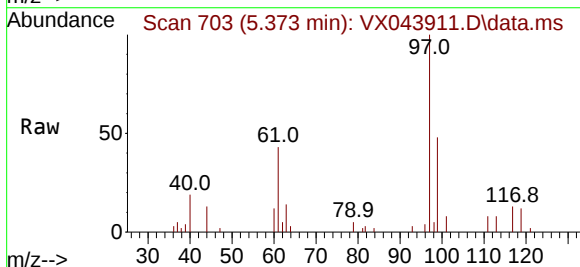
RT: 5.373 min Scan# 703

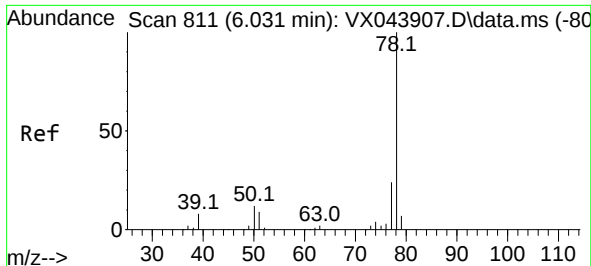
Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Tgt Ion: 97	Resp: 8539
Ion Ratio	Lower Upper
97	100
99	30.6 52.2 78.2#
61	46.4 32.8 49.2

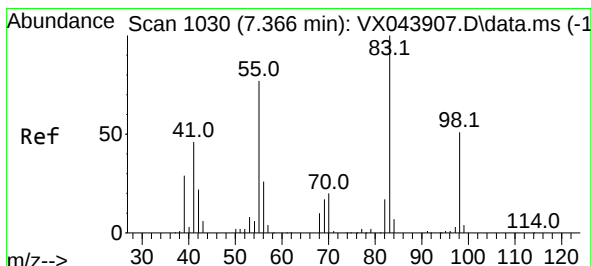
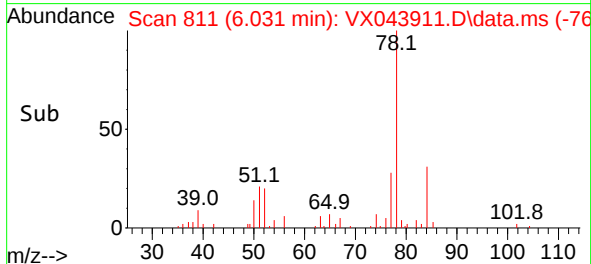
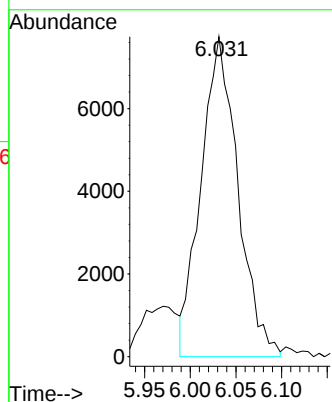
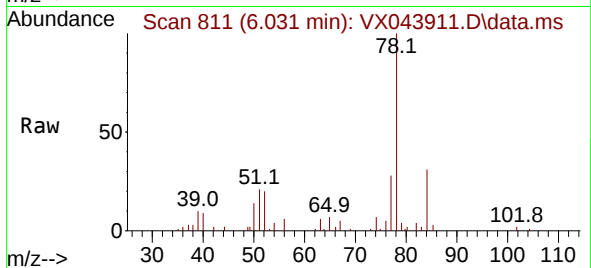




#33
Benzene
Concen: 2.505 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

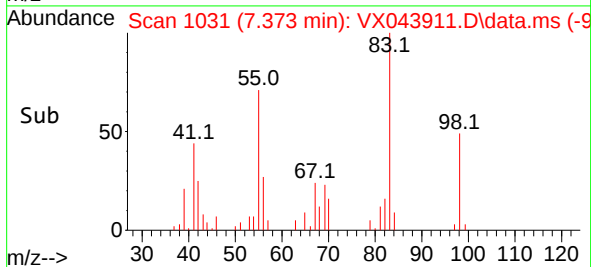
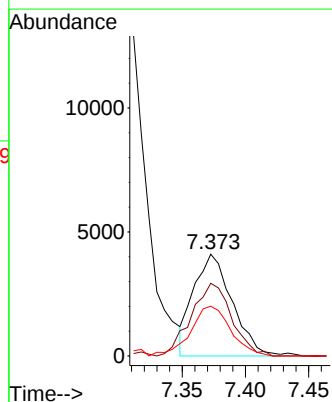
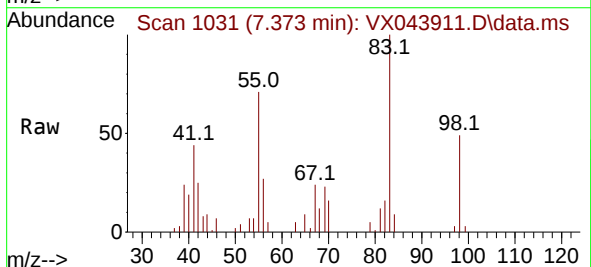
Instrument :
MSVOA_X
ClientSampleId :

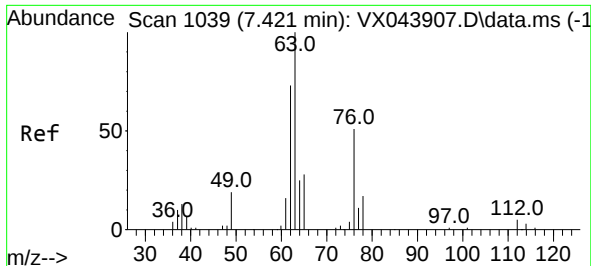
Tgt Ion: 78 Resp: 21665



#35
Methylcyclohexane
Concen: 2.676 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

Tgt Ion: 83 Resp: 8684
Ion Ratio Lower Upper
83 100
55 75.0 58.5 87.7
98 50.8 40.5 60.7





#37

1,2-Dichloropropane

Concen: 2.543 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.013 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

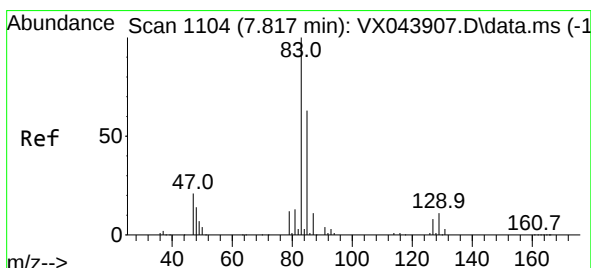
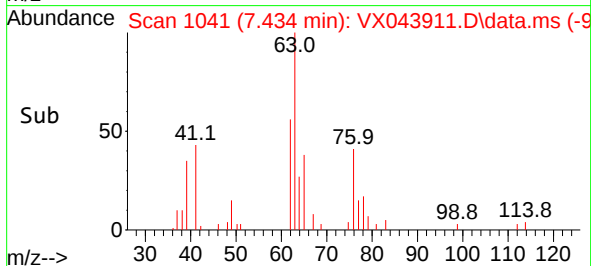
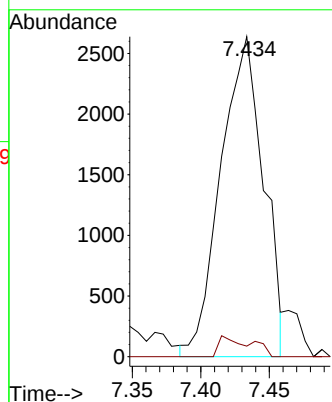
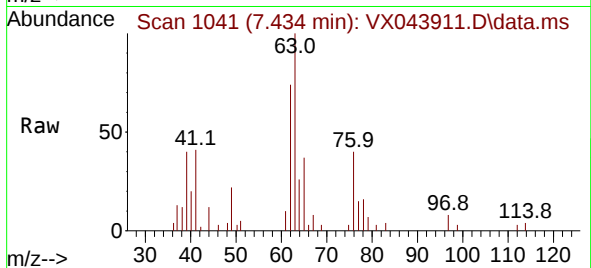
ClientSampleId :

Tgt Ion: 63 Resp: 5708

Ion Ratio Lower Upper

63 100

112 1.5 3.6 5.4#



#38

Bromodichloromethane

Concen: 2.219 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

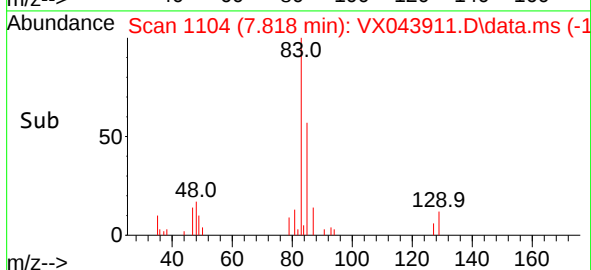
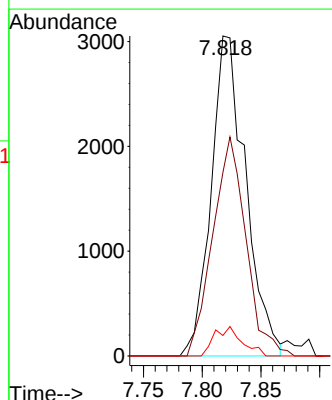
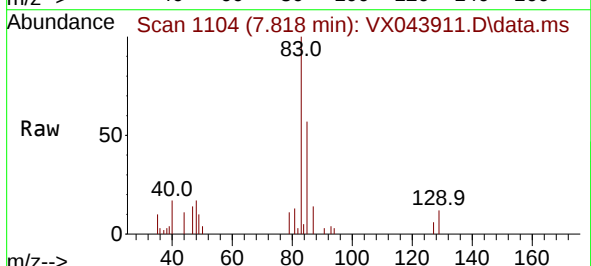
Tgt Ion: 83 Resp: 6245

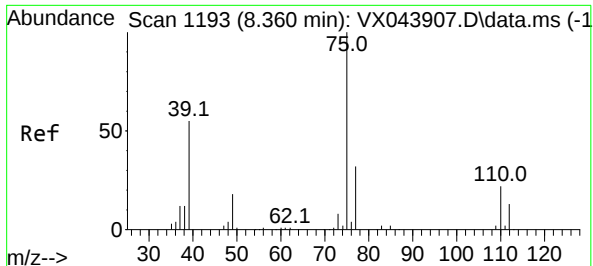
Ion Ratio Lower Upper

83 100

85 57.3 44.1 81.9

127 6.4 7.0 10.4#





#39

cis-1,3-Dichloropropene

Concen: 2.410 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

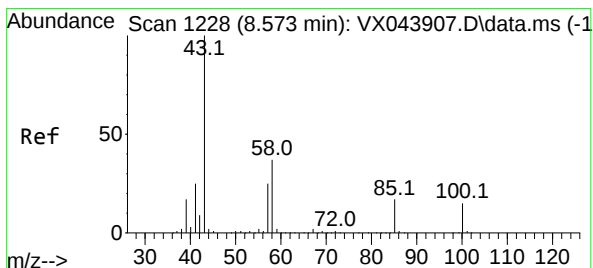
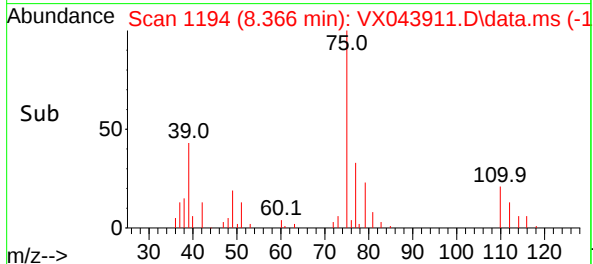
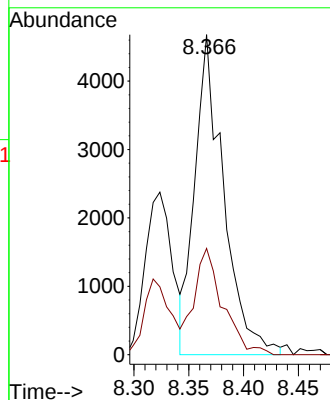
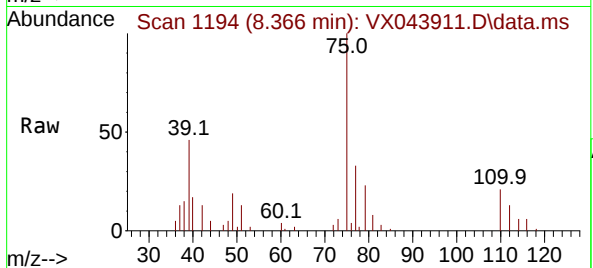
ClientSampleId :

Tgt Ion: 75 Resp: 8522

Ion Ratio Lower Upper

75 100

77 33.2 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 4.858 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

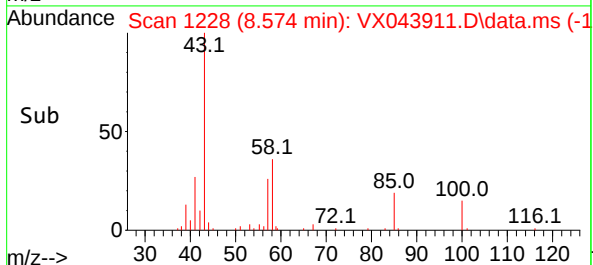
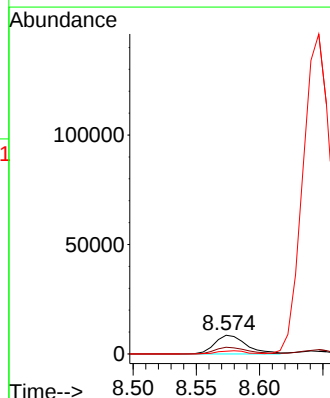
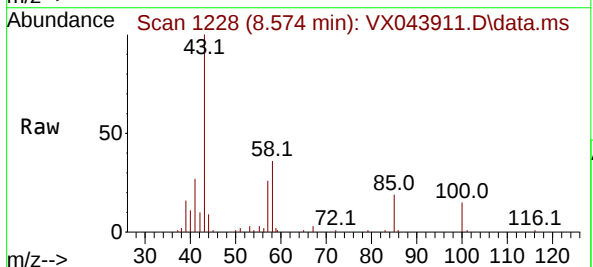
Tgt Ion: 43 Resp: 14928

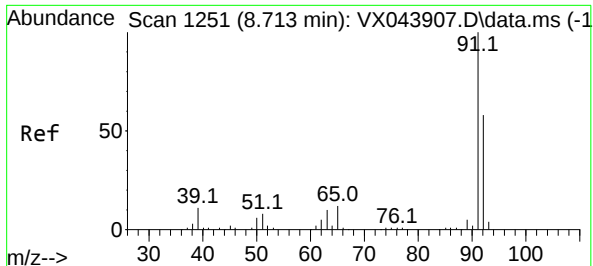
Ion Ratio Lower Upper

43 100

58 36.5 32.4 48.6

100 15.5 13.7 20.5





#42

Toluene

Concen: 2.417 ug/L

RT: 8.720 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

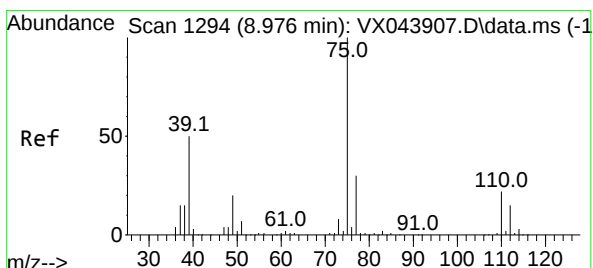
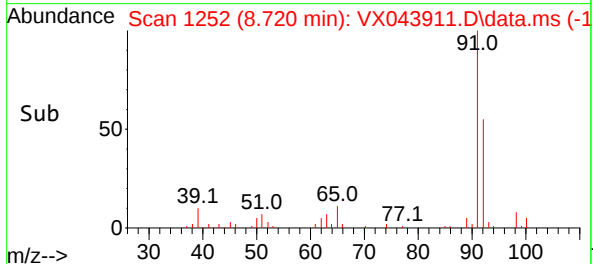
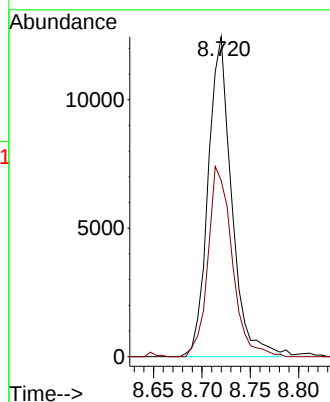
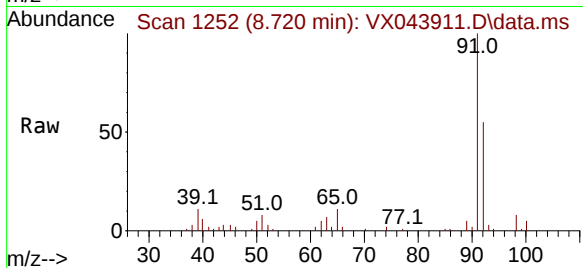
ClientSampleId :

Tgt Ion: 91 Resp: 21065

Ion Ratio Lower Upper

91 100

92 55.0 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 2.498 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043911.D

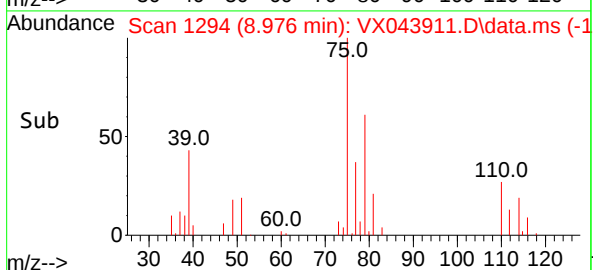
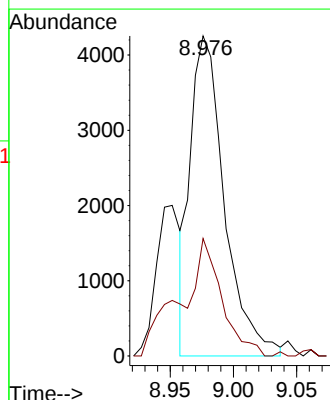
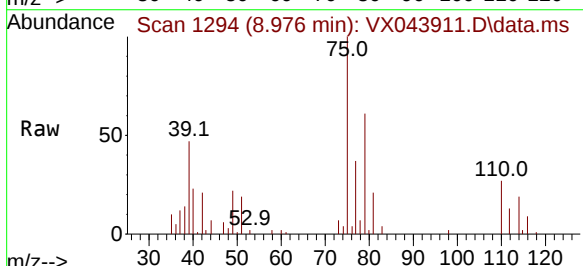
Acq: 20 Nov 2024 12:40

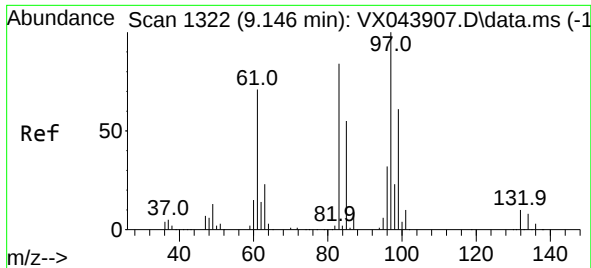
Tgt Ion: 75 Resp: 7941

Ion Ratio Lower Upper

75 100

77 36.7 21.8 40.6

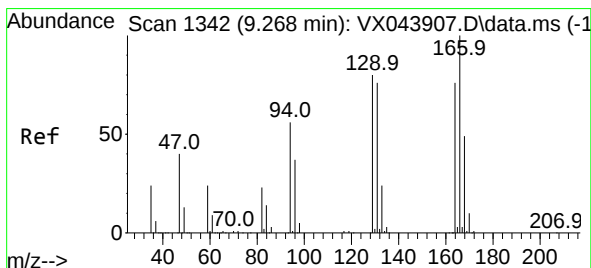
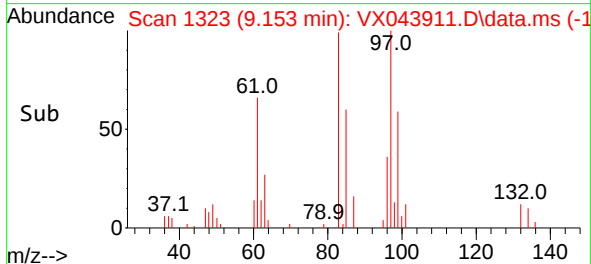
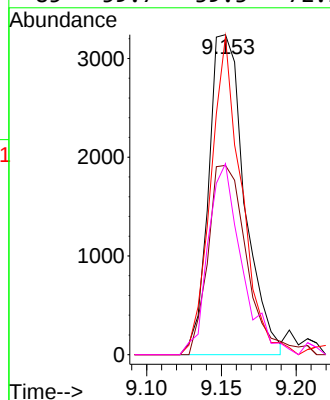
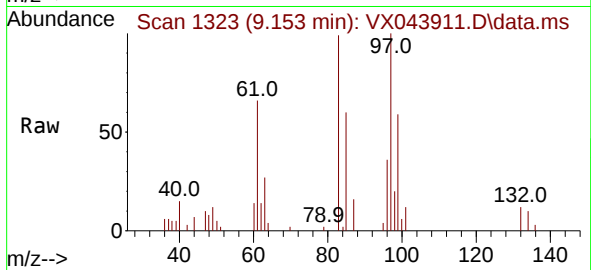




#45
1,1,2-Trichloroethane
Concen: 2.456 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

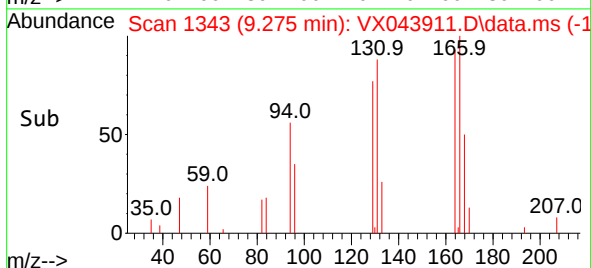
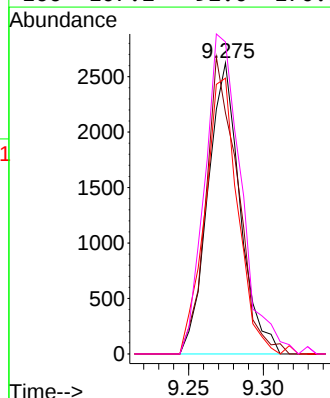
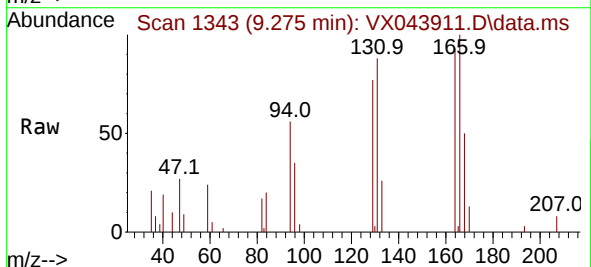
Instrument :
MSVOA_X
ClientSampleId :

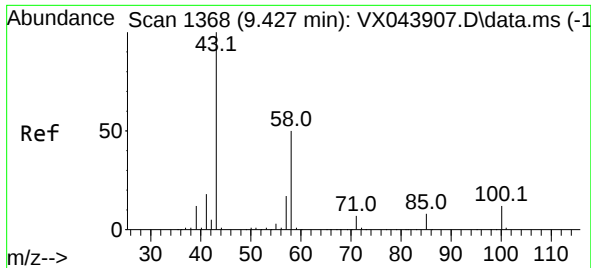
Tgt Ion: 97	Resp: 5421
Ion Ratio	Lower Upper
97 100	
99 59.1	43.4 80.6
83 99.4	60.2 111.8
85 59.7	39.3 72.9



#46
Tetrachloroethene
Concen: 2.539 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

Tgt Ion:164	Resp:	3926	
Ion	Ratio	Lower	Upper
164	100		
129	82.8	73.6	136.6
131	94.8	70.2	130.4
166	107.2	92.0	170.8

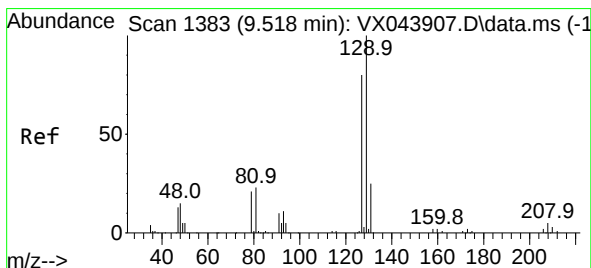
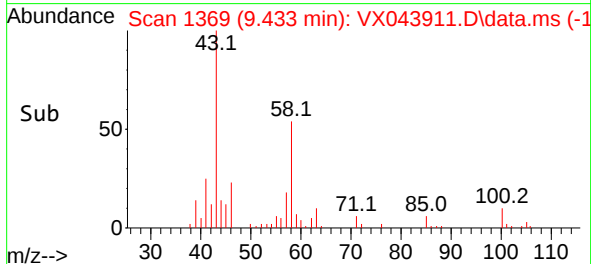
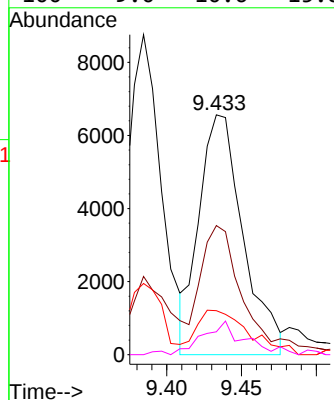
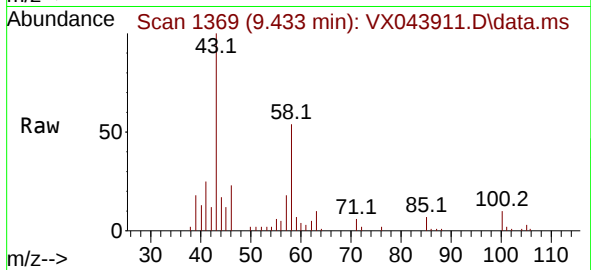




#48
2-Hexanone
Concen: 5.821 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

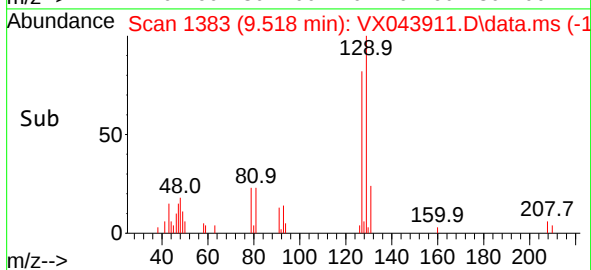
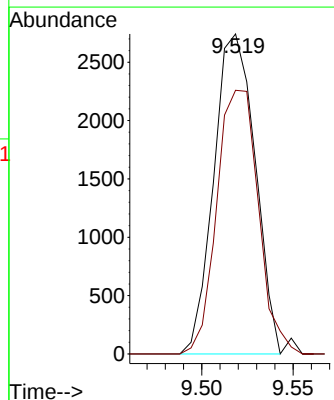
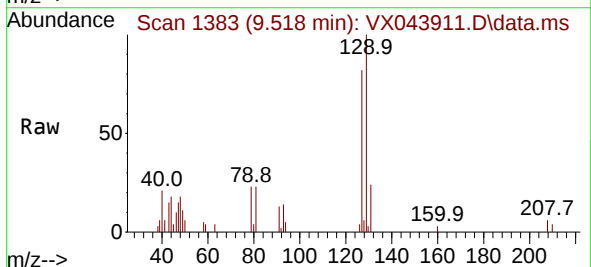
Instrument :
MSVOA_X
ClientSampleId :

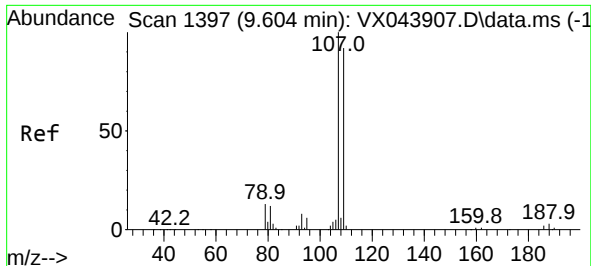
Tgt Ion: 43	Resp: 13502
Ion Ratio	Lower Upper
43 100	
58 47.3	45.4 68.2
57 21.3	15.4 23.0
100 9.0	10.6 15.8#



#49
Dibromochloromethane
Concen: 2.114 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

Tgt Ion:129	Resp: 4313		
Ion Ratio	Lower	Upper	
129 100			
127 80.2	53.5	99.5	





#50

1,2-Dibromoethane

Concen: 2.399 ug/L

RT: 9.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

ClientSampleId :

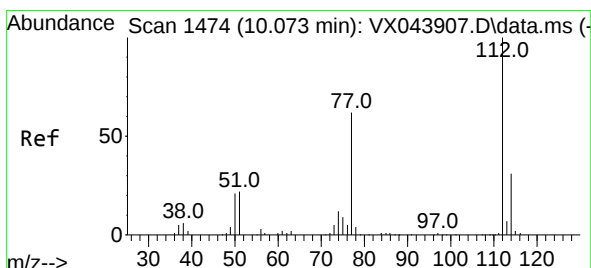
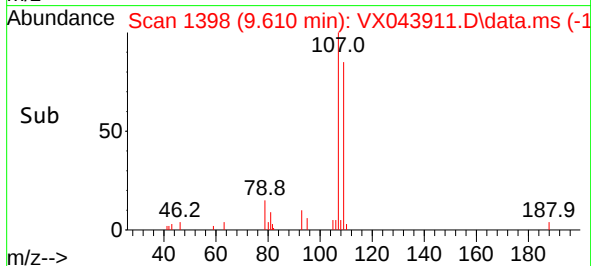
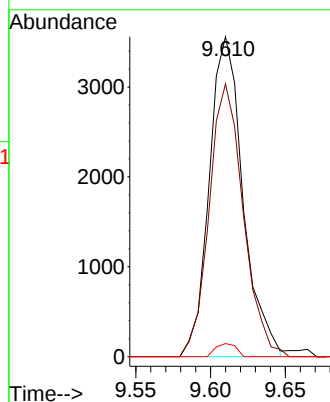
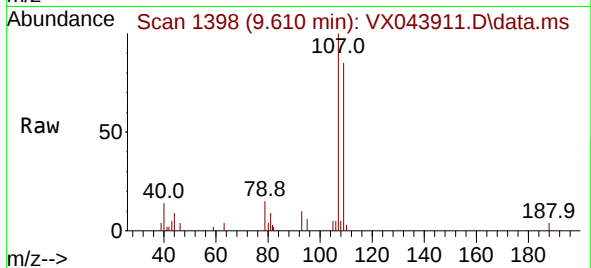
Tgt Ion:107 Resp: 5577

Ion Ratio Lower Upper

107 100

109 85.3 65.5 121.7

188 4.1 2.6 4.0#



#51

Chlorobenzene

Concen: 2.642 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

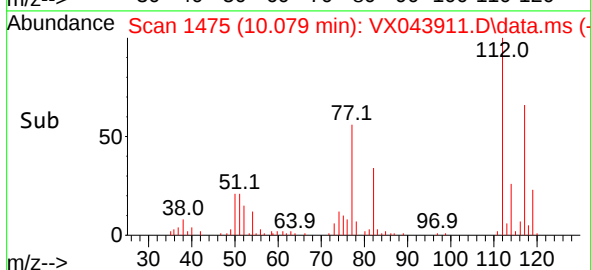
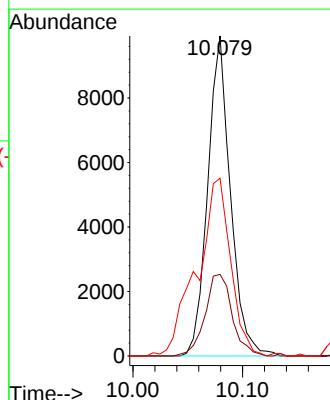
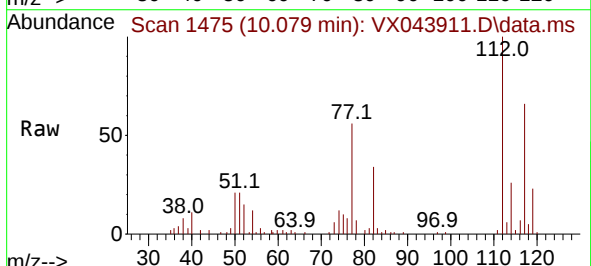
Tgt Ion:112 Resp: 14282

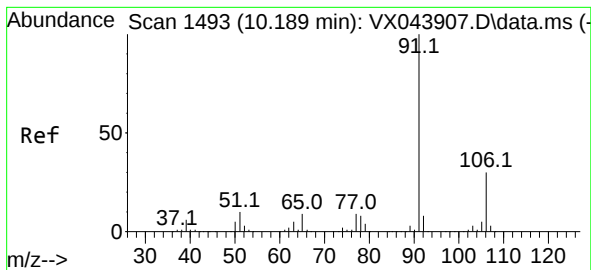
Ion Ratio Lower Upper

112 100

114 25.5 22.9 42.5

77 55.5 48.0 72.0

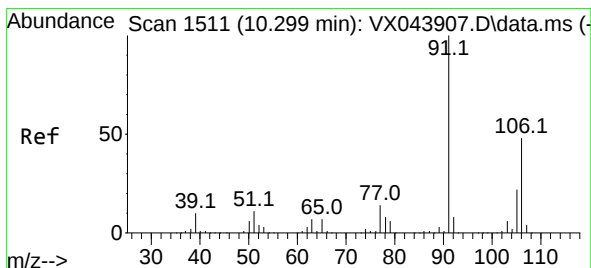
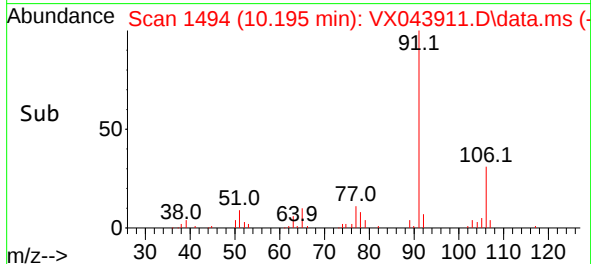
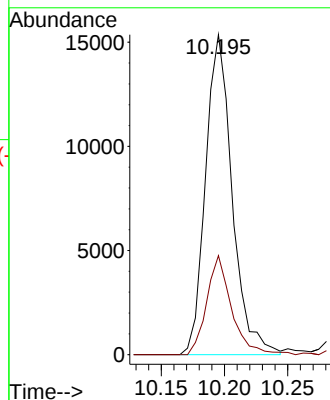
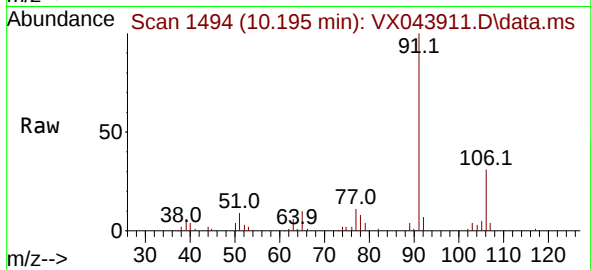




#52
Ethylbenzene
Concen: 2.452 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

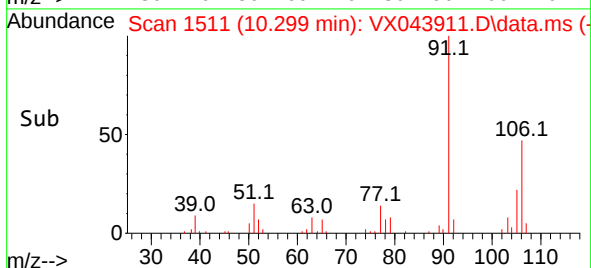
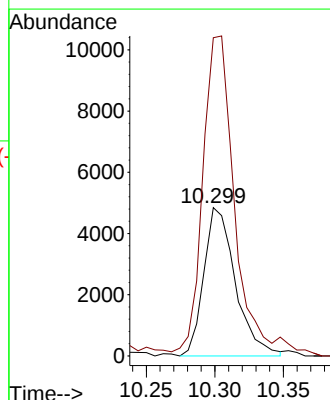
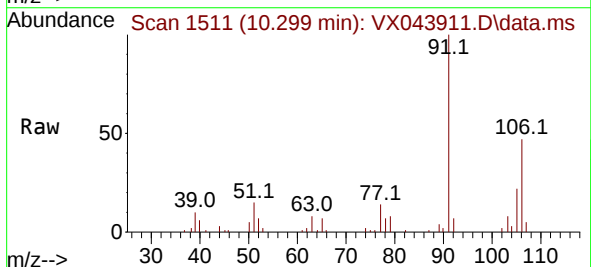
Instrument :
MSVOA_X
ClientSampleId :

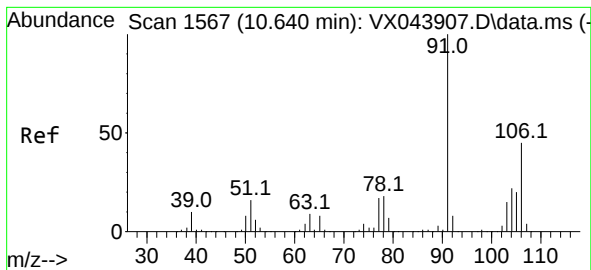
Tgt Ion: 91 Resp: 22527
Ion Ratio Lower Upper
91 100
106 31.0 21.1 39.1



#53
m,p-Xylene
Concen: 2.278 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

Tgt Ion: 106 Resp: 7772
Ion Ratio Lower Upper
106 100
91 214.7 147.5 273.9





#54

o-Xylene

Concen: 2.607 ug/L

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

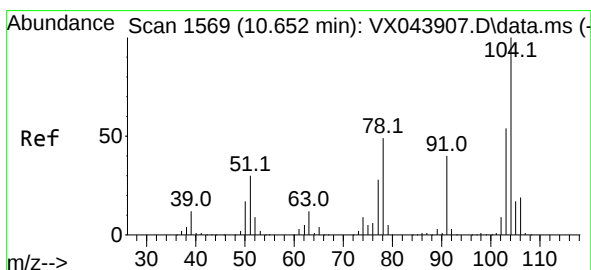
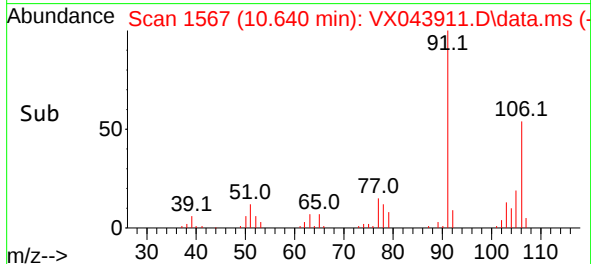
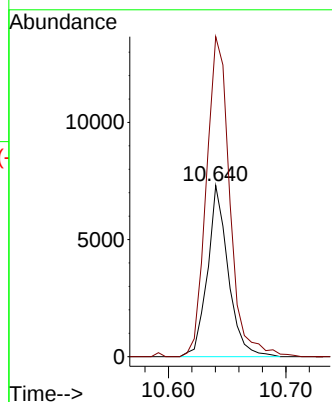
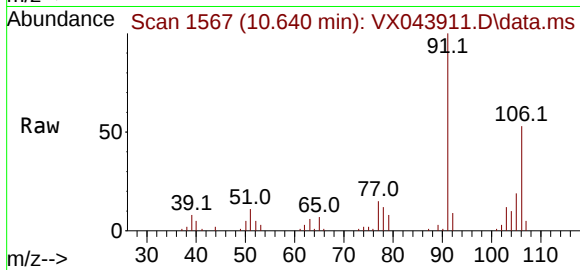
ClientSampleId :

Tgt Ion:106 Resp: 8955

Ion Ratio Lower Upper

106 100

91 186.9 153.7 285.5



#55

Styrene

Concen: 2.409 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX043911.D

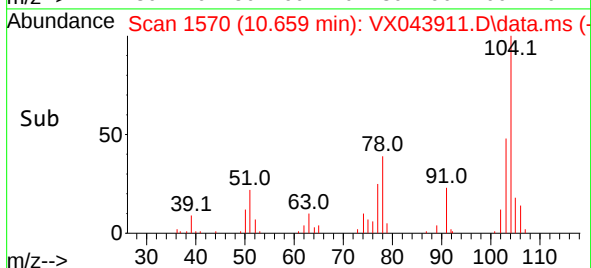
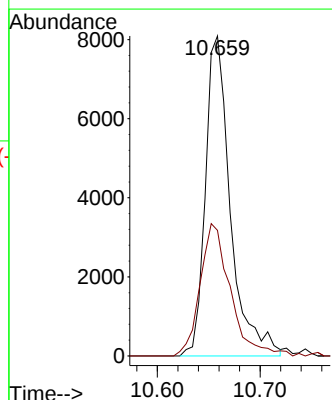
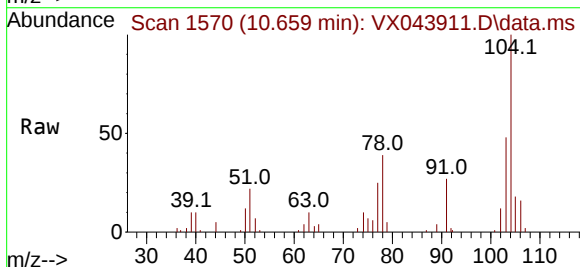
Acq: 20 Nov 2024 12:40

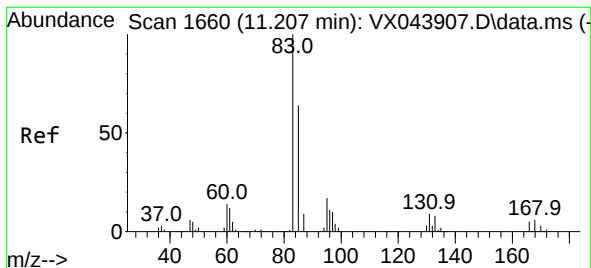
Tgt Ion:104 Resp: 13696

Ion Ratio Lower Upper

104 100

78 39.2 32.8 60.8

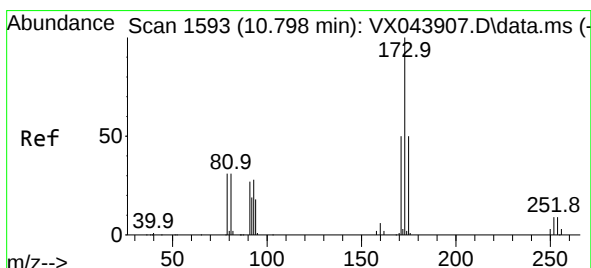
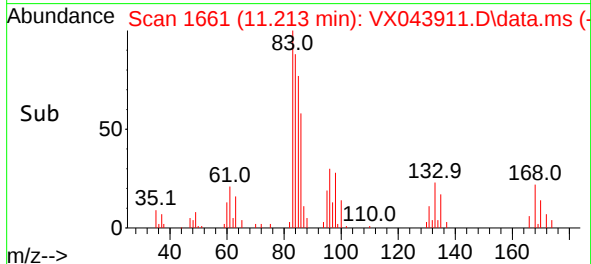
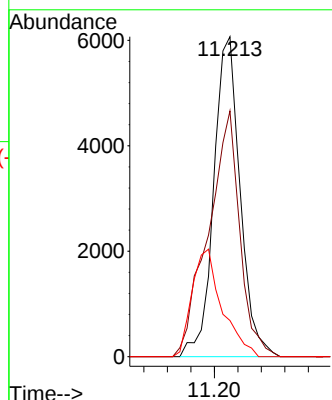
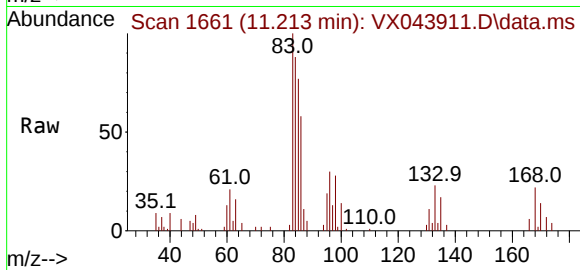




#57
1,1,2,2-Tetrachloroethane
Concen: 2.867 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

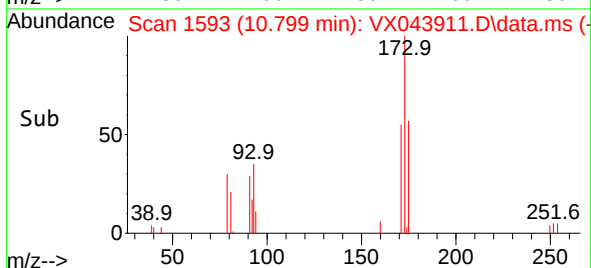
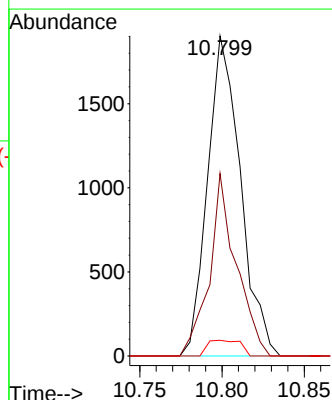
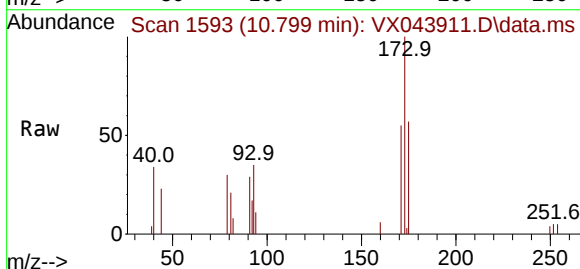
Instrument :
MSVOA_X
ClientSampleId :

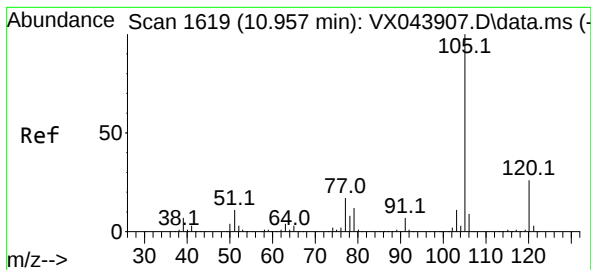
Tgt Ion: 83 Resp: 9471
Ion Ratio Lower Upper
83 100
85 76.8 46.0 85.4
131 11.3 8.8 13.2



#59
Bromoform
Concen: 2.108 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

Tgt Ion:173 Resp: 2650
Ion Ratio Lower Upper
173 100
175 46.5 40.0 60.0
254 3.7 6.3 9.5#





#60

Isopropylbenzene

Concen: 2.390 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

ClientSampleId :

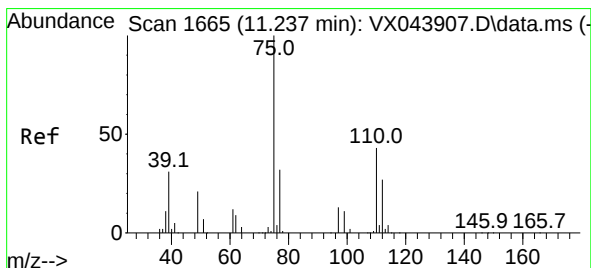
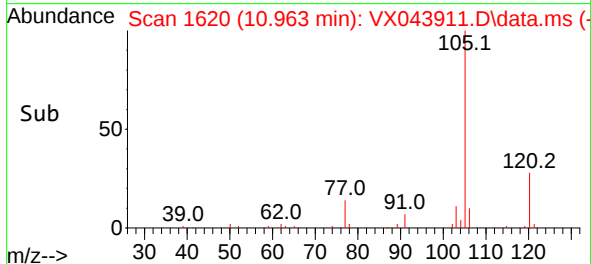
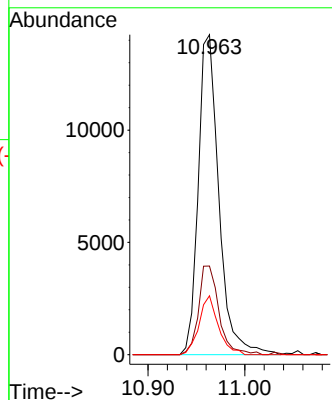
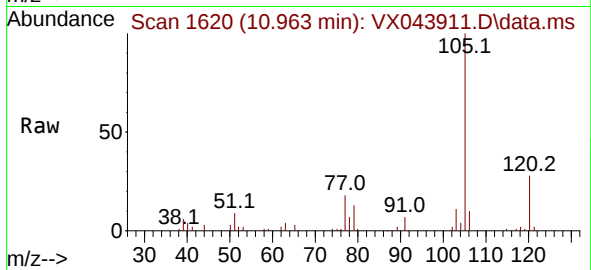
Tgt Ion:105 Resp: 21131

Ion Ratio Lower Upper

105 100

120 27.5 20.6 31.0

77 17.2 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 2.724 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

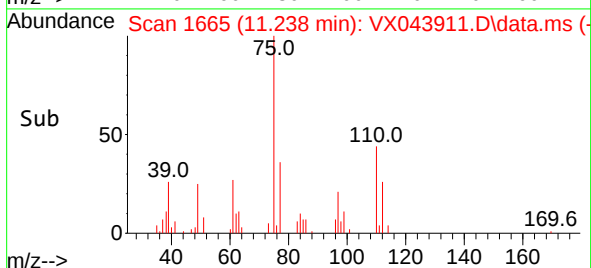
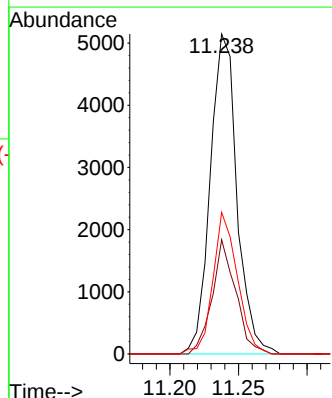
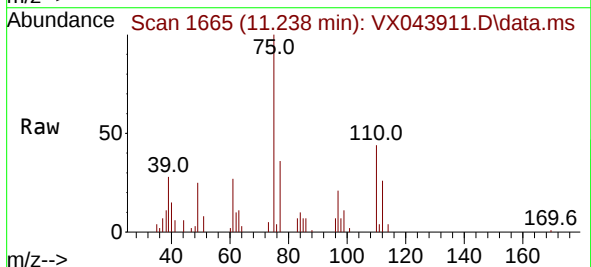
Tgt Ion: 75 Resp: 6965

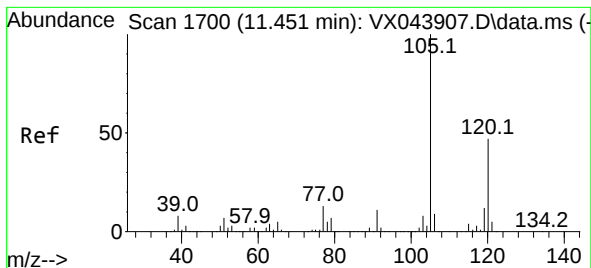
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

110 40.7 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 2.502 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

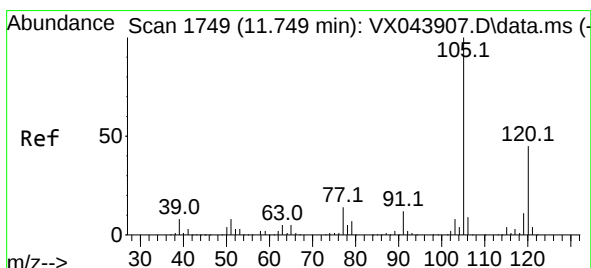
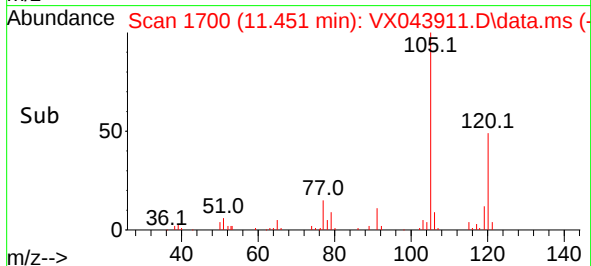
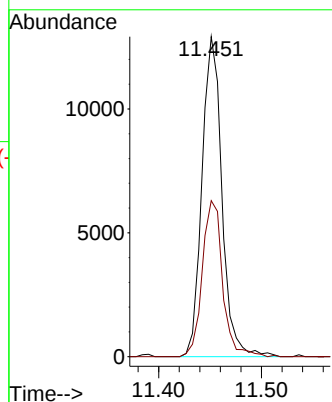
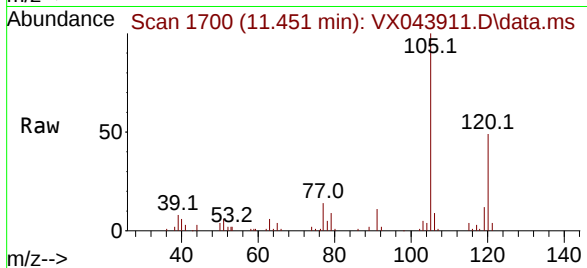
ClientSampleId :

Tgt Ion:105 Resp: 17479

Ion Ratio Lower Upper

105 100

120 48.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 2.343 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043911.D

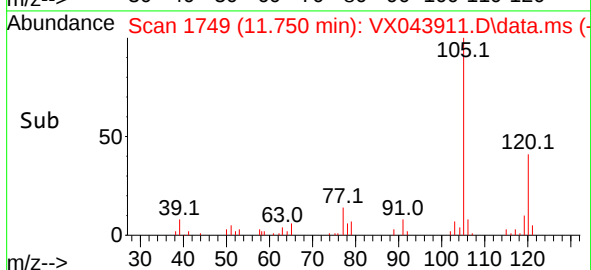
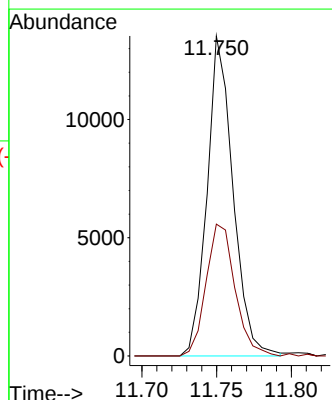
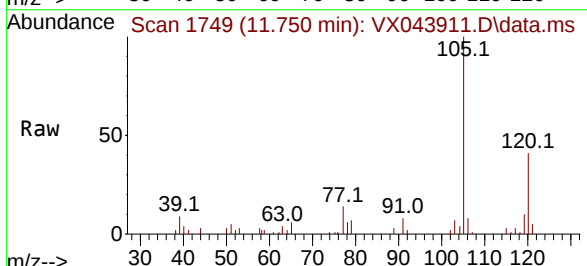
Acq: 20 Nov 2024 12:40

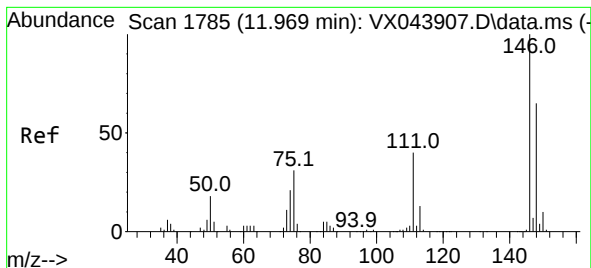
Tgt Ion:105 Resp: 16320

Ion Ratio Lower Upper

105 100

120 45.9 34.5 51.7





#64

1,3-Dichlorobenzene

Concen: 2.587 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

ClientSampleId :

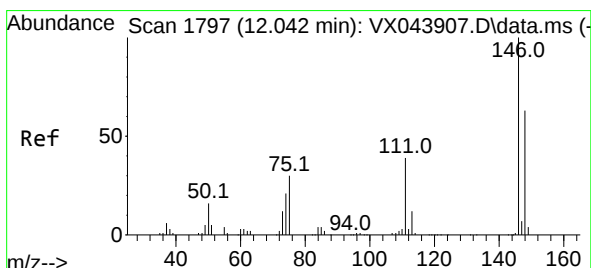
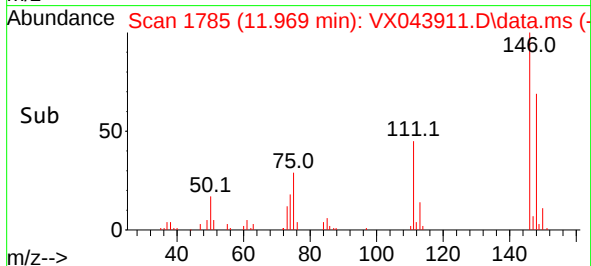
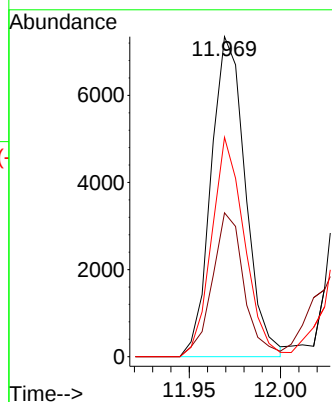
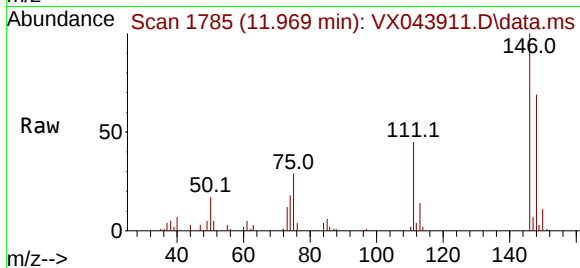
Tgt Ion:146 Resp: 9597

Ion Ratio Lower Upper

146 100

111 45.0 28.8 53.4

148 68.5 46.1 85.5



#65

1,4-Dichlorobenzene

Concen: 2.797 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

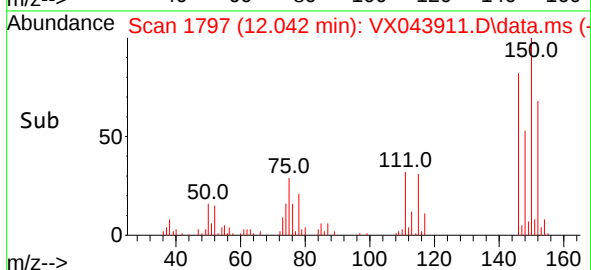
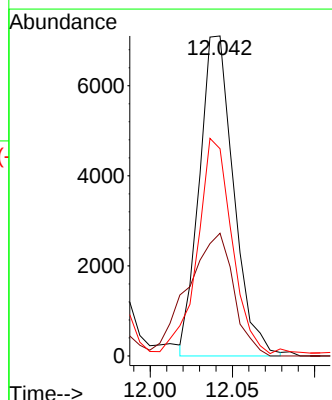
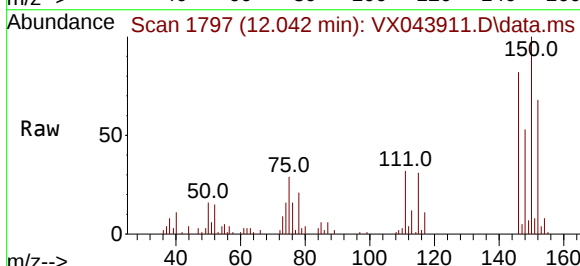
Tgt Ion:146 Resp: 10303

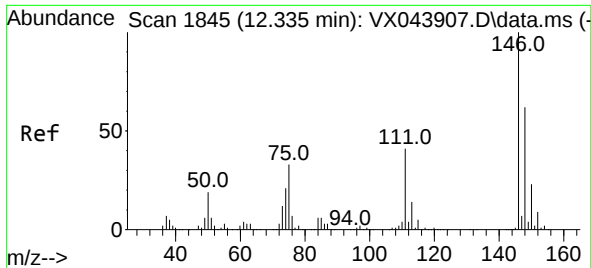
Ion Ratio Lower Upper

146 100

111 38.3 29.5 54.7

148 64.7 43.2 80.2

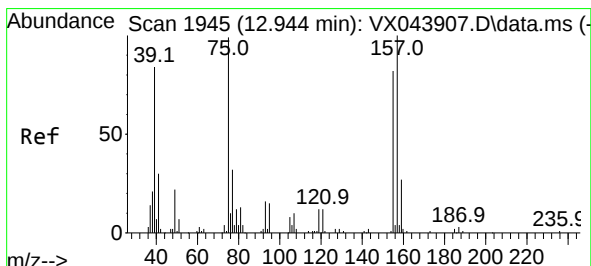
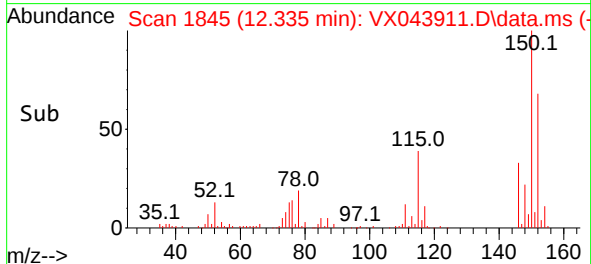
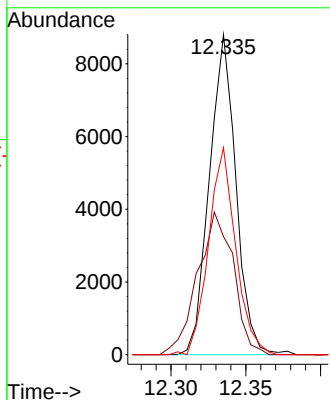
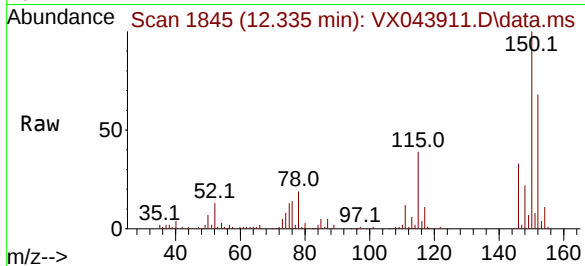




#67
1,2-Dichlorobenzene
Concen: 2.828 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

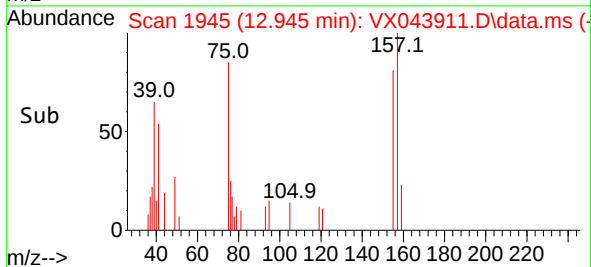
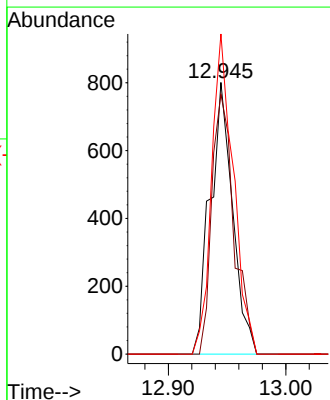
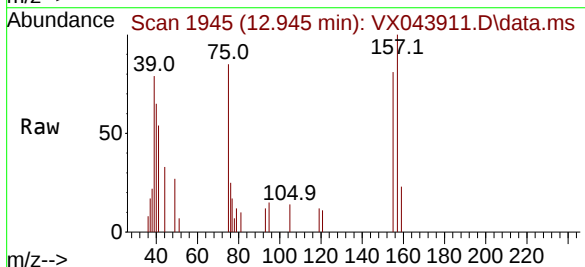
Instrument :
MSVOA_X
ClientSampleId :

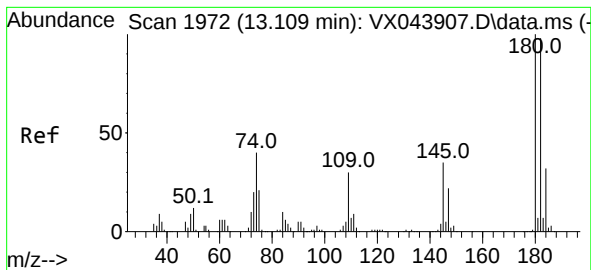
Tgt Ion:146 Resp: 10862
Ion Ratio Lower Upper
146 100
111 36.9 34.3 51.5
148 64.6 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 1.668 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX043911.D
Acq: 20 Nov 2024 12:40

Tgt Ion: 75 Resp: 1067
Ion Ratio Lower Upper
75 100
155 95.6 60.5 90.7#
157 117.9 73.5 110.3#





#69

1,3,5-Trichlorobenzene

Concen: 2.598 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

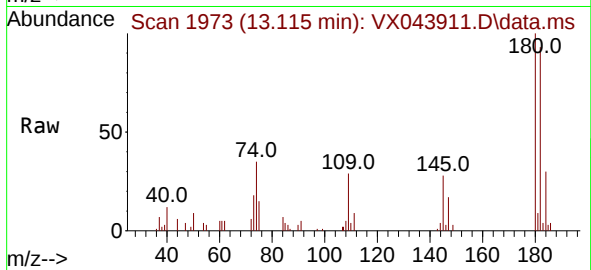
Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 6220

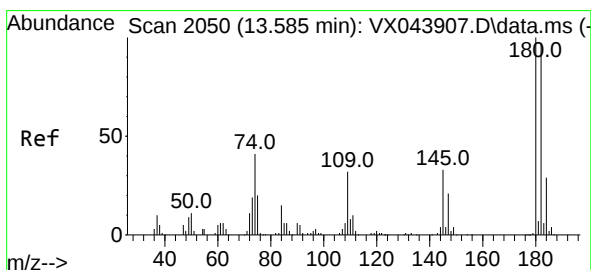
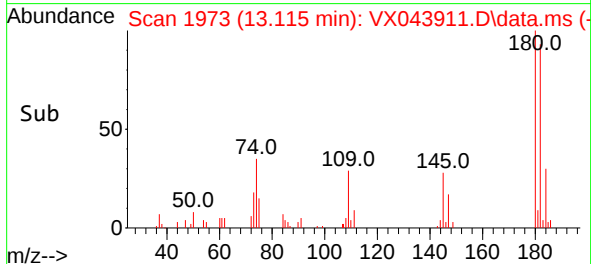
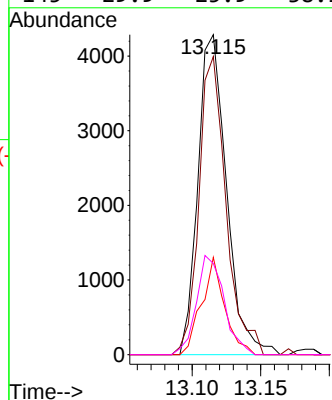
Ion Ratio Lower Upper

180 100

182 88.0 76.7 115.1

184 24.6 24.2 36.4

145 29.9 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 2.143 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

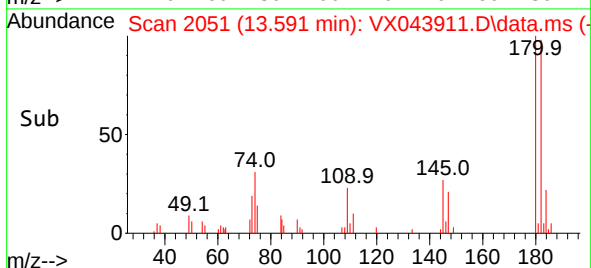
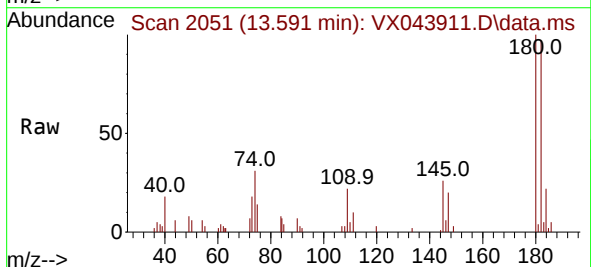
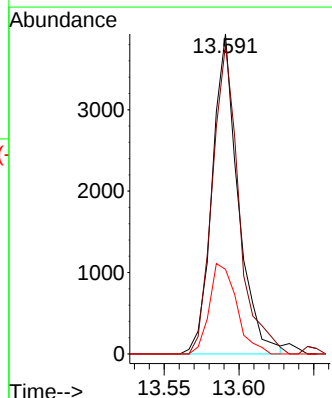
Tgt Ion:180 Resp: 4730

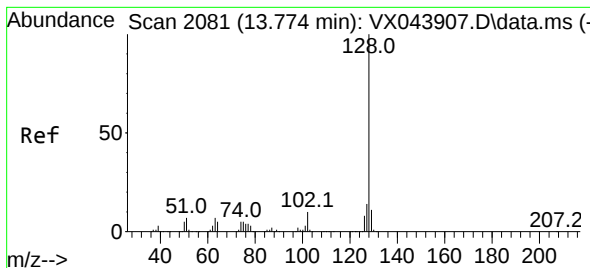
Ion Ratio Lower Upper

180 100

182 98.8 74.1 111.1

145 29.7 25.3 37.9





#71

Naphthalene

Concen: 2.006 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX043911.D

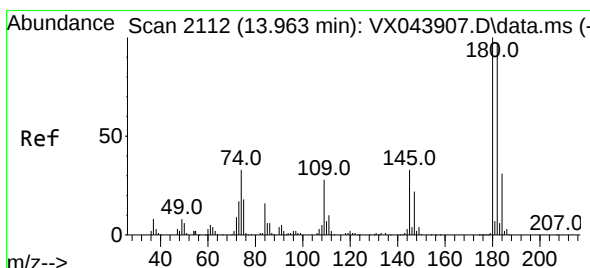
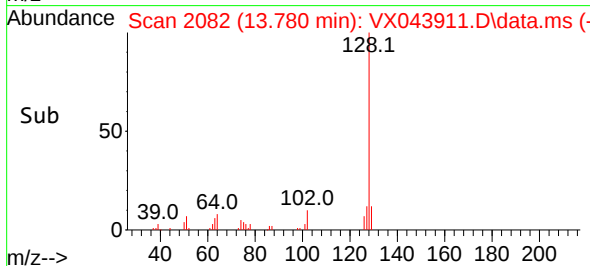
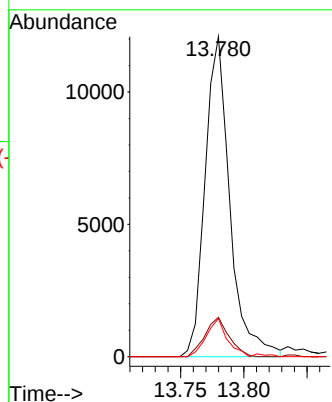
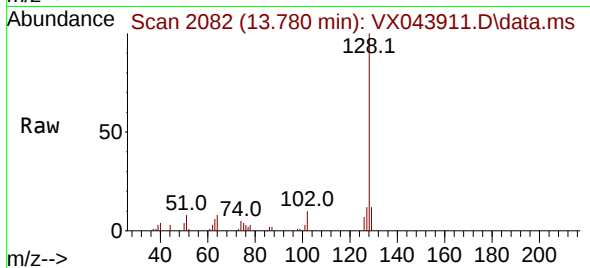
Acq: 20 Nov 2024 12:40

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	16467
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.1 15.1
129	10.0	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 2.171 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043911.D

Acq: 20 Nov 2024 12:40

Tgt Ion:180	Resp:	4829
Ion Ratio	Lower	Upper
180	100	
182	100.7	73.8 110.6
145	36.7	27.4 41.2

