

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043896.D
 Acq On : 19 Nov 2024 12:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 23:36:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:30:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	323833	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	234518	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	127532	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	115563	44.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.460%
7) Chloroethane-d5	1.642	69	50859	46.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.360%
11) 1,1-Dichloroethene-d2	2.294	65	45617	43.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.860%
21) 2-Butanone-d5	4.458	46	143042	92.134	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.130%
24) Chloroform-d	5.044	84	210520	43.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.940%
26) 1,2-Dichloroethane-d4	5.946	65	136868	43.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
32) Benzene-d6	5.964	84	407302	52.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.340%
36) 1,2-Dichloropropane-d6	7.299	67	125938	53.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.760%
41) Toluene-d8	8.641	98	304655	44.906	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.820%
43) trans-1,3-Dichloroprop...	8.945	79	55783	52.737	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.480%
47) 2-Hexanone-d5	9.384	63	93385	107.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	169981	57.676	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	124581	46.021	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.040%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	117733	44.309	ug/L	98
3) Chloromethane	1.294	50	120353	44.299	ug/L	95
5) Vinyl chloride	1.374	62	118391	42.857	ug/L	97
6) Bromomethane	1.593	94	44320	38.522	ug/L	97
8) Chloroethane	1.666	64	51242	41.674	ug/L	97
9) Trichlorofluoromethane	1.867	101	157960	42.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	96610	43.849	ug/L	99
12) 1,1-Dichloroethene	2.306	96	86221	42.971	ug/L	90
13) Acetone	2.386	43	105963	77.640	ug/L	97
14) Carbon disulfide	2.501	76	182605	42.820	ug/L	98
15) Methyl Acetate	2.703	43	112520	44.072	ug/L	99
16) Methylene chloride	2.782	84	102327	43.494	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	92743	43.161	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	347056	43.646	ug/L	100
19) 1,1-Dichloroethane	3.599	63	183858	42.948	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	112576	43.095	ug/L	99
22) 2-Butanone	4.556	43	159110	87.477	ug/L	100
23) Bromochloromethane	4.891	128	55568	41.331	ug/L	98
25) Chloroform	5.086	83	198412	42.441	ug/L	99

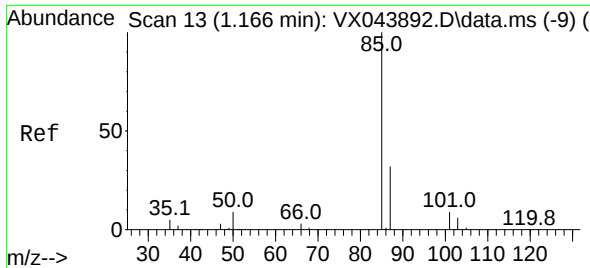
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
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 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:30:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	157714	42.772	ug/L	100
29) Cyclohexane	5.458	56	160467	52.604	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	166180	51.355	ug/L	99
31) Carbon tetrachloride	5.666	117	136673	52.072	ug/L	99
33) Benzene	6.025	78	394218	50.285	ug/L	100
34) Trichloroethene	7.116	95	107241	49.845	ug/L	97
35) Methylcyclohexane	7.373	83	160892	54.696	ug/L	99
37) 1,2-Dichloropropane	7.427	63	104758	51.488	ug/L	99
38) Bromodichloromethane	7.818	83	127658	50.029	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	160478	50.054	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	294202	105.620	ug/L	95
42) Toluene	8.714	91	356132	45.078	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	139512	48.410	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	96312	48.137	ug/L	98
46) Tetrachloroethene	9.269	164	68515	48.873	ug/L	97
48) 2-Hexanone	9.427	43	212131	100.886	ug/L	95
49) Dibromochloromethane	9.518	129	91936	49.706	ug/L	98
50) 1,2-Dibromoethane	9.604	107	96690	45.878	ug/L	100
51) Chlorobenzene	10.073	112	217173	44.317	ug/L	98
52) Ethylbenzene	10.189	91	382524	45.936	ug/L	100
53) m,p-Xylene	10.299	106	145455	47.030	ug/L	99
54) o-Xylene	10.640	106	157242	50.497	ug/L	99
55) Styrene	10.652	104	259938	50.429	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	169067	56.452	ug/L	98
59) Bromoform	10.799	173	63051	44.123	ug/L	99
60) Isopropylbenzene	10.957	105	436606	43.442	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	132102	45.461	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	371175	46.746	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	371504	46.925	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	188290	44.654	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	186133	44.454	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	194330	44.512	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	32041	44.057	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	114202	41.974	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	109419	43.616	ug/L	99
71) Naphthalene	13.774	128	442533	47.419	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	117460	46.469	ug/L	96

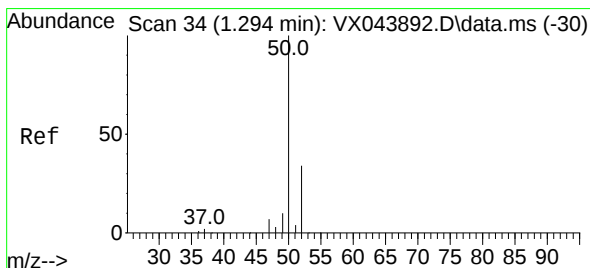
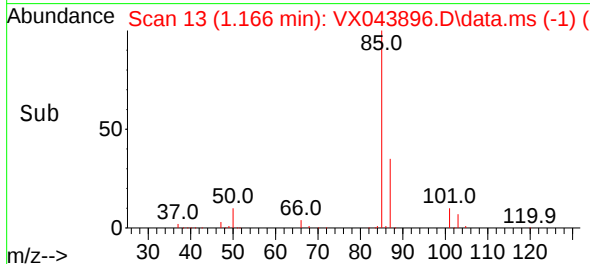
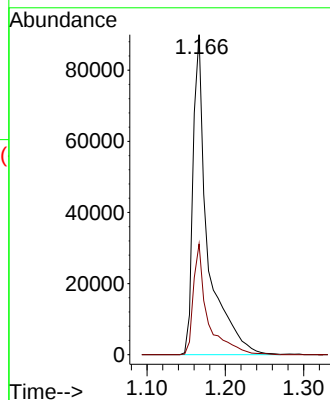
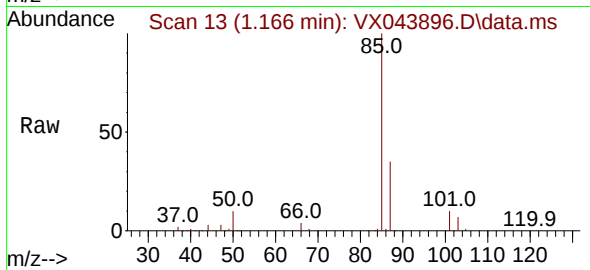
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#2
Dichlorodifluoromethane
Concen: 44.309 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

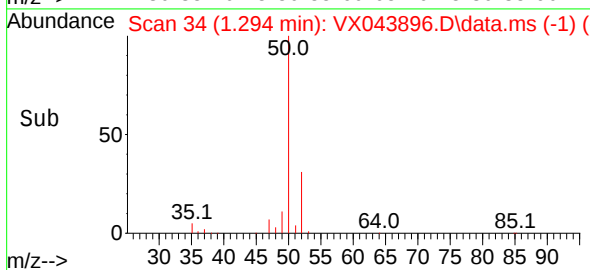
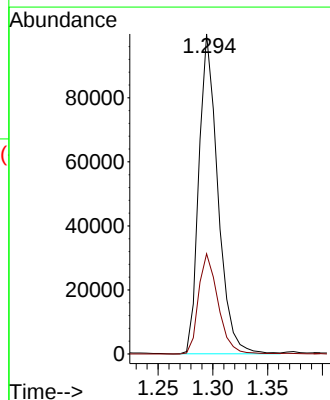
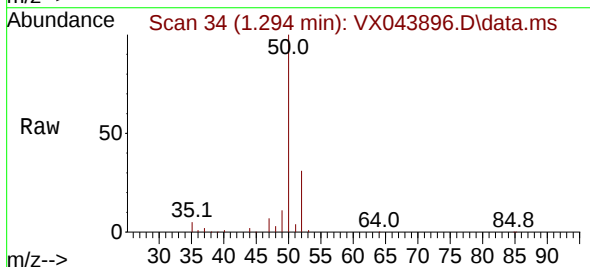
Instrument :
MSVOA_X
ClientSampleId :

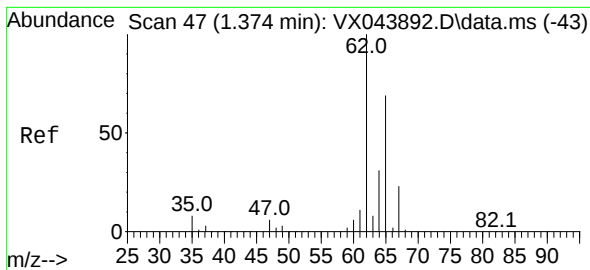
Tgt Ion: 85 Resp: 117733
Ion Ratio Lower Upper
85 100
87 33.5 26.1 39.1



#3
Chloromethane
Concen: 44.299 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

Tgt Ion: 50 Resp: 120353
Ion Ratio Lower Upper
50 100
52 31.3 23.9 44.3





#5

Vinyl chloride

Concen: 42.857 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

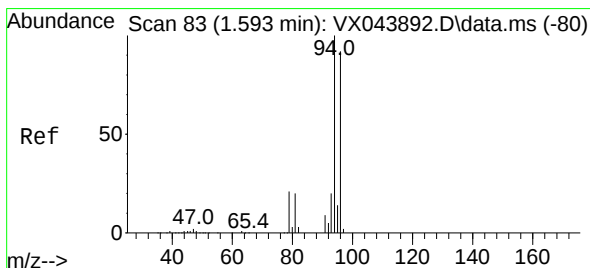
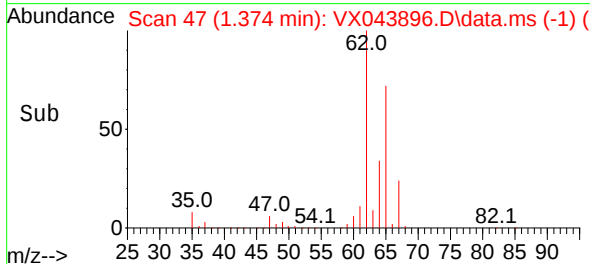
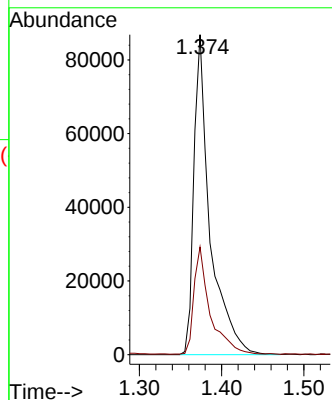
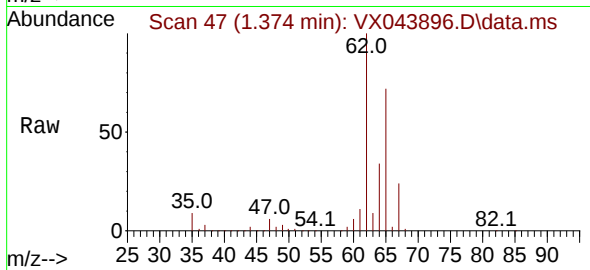
ClientSampleId :

Tgt Ion: 62 Resp: 118391

Ion Ratio Lower Upper

62 100

64 33.6 22.2 41.2



#6

Bromomethane

Concen: 38.522 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX043896.D

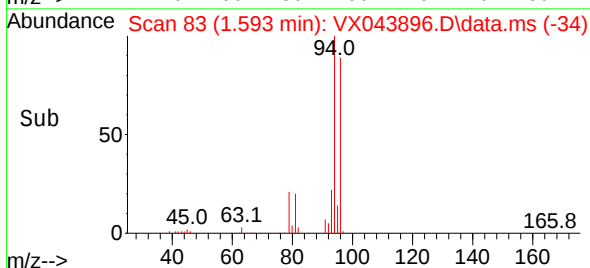
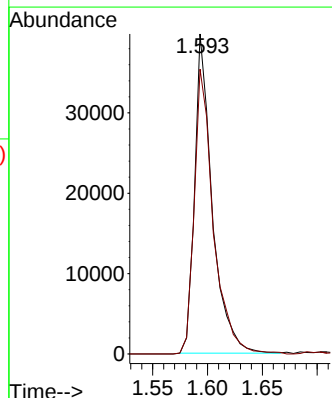
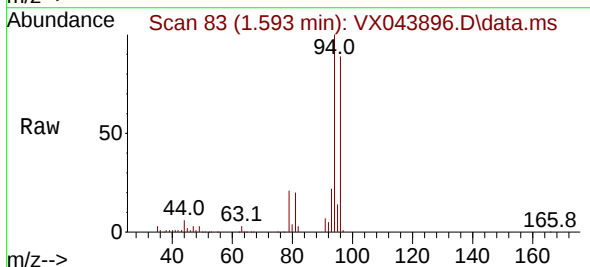
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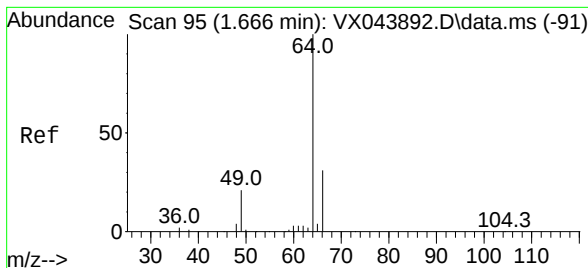
Tgt Ion: 94 Resp: 44320

Ion Ratio Lower Upper

94 100

96 89.0 64.2 119.2





#8

Chloroethane

Concen: 41.674 ug/L

RT: 1.666 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

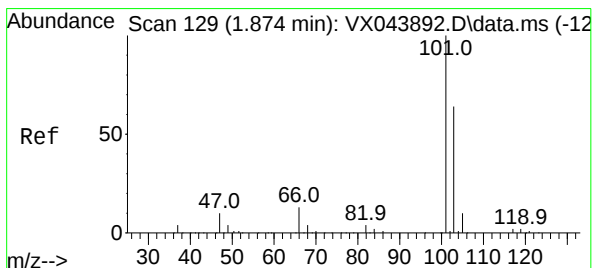
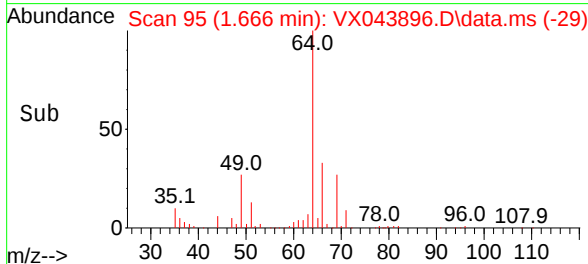
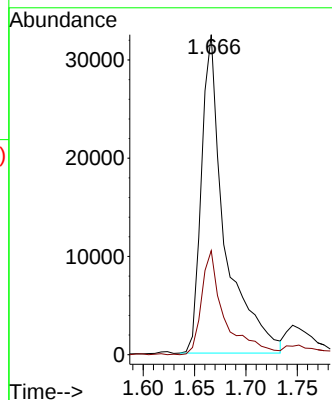
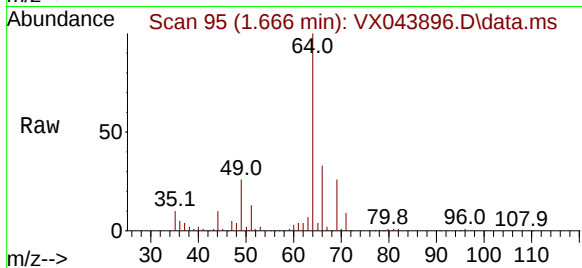
ClientSampleId :

Tgt Ion: 64 Resp: 51242

Ion Ratio Lower Upper

64 100

66 32.5 21.5 39.9



#9

Trichlorofluoromethane

Concen: 42.735 ug/L

RT: 1.867 min Scan# 128

Delta R.T. -0.006 min

Lab File: VX043896.D

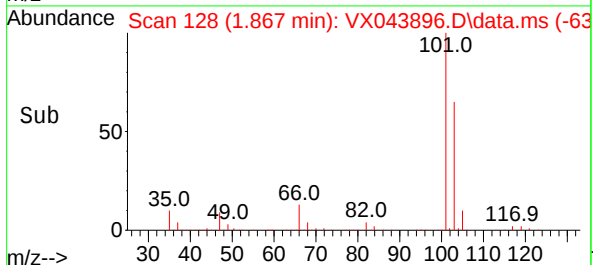
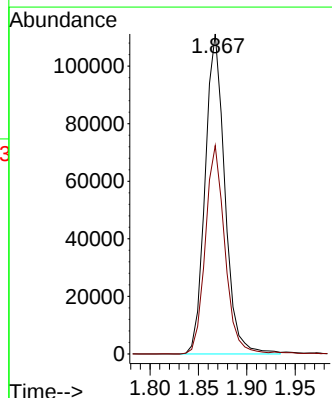
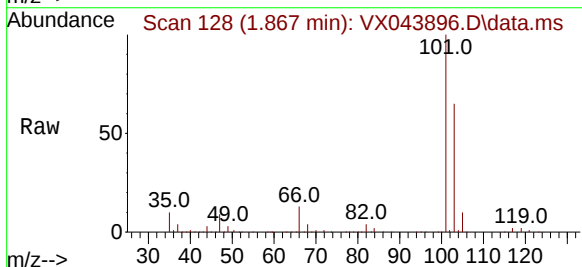
Acq: 19 Nov 2024 12:39

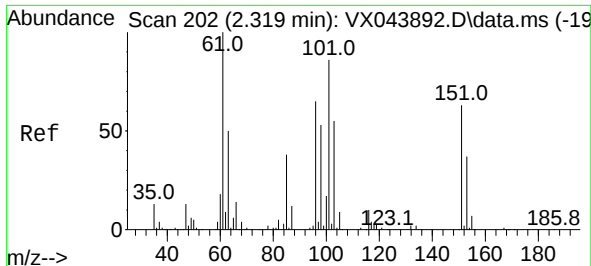
Tgt Ion:101 Resp: 157960

Ion Ratio Lower Upper

101 100

103 64.4 50.8 76.2





#10

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

Concen: 43.849 ug/L

RT: 2.312 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

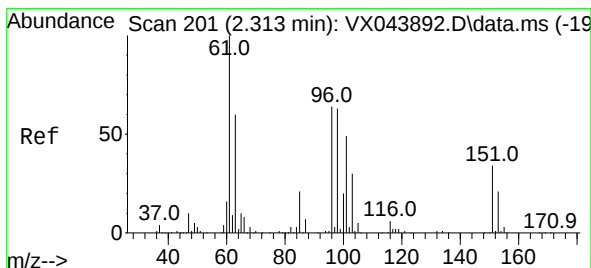
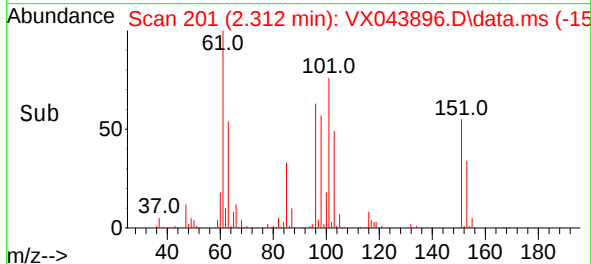
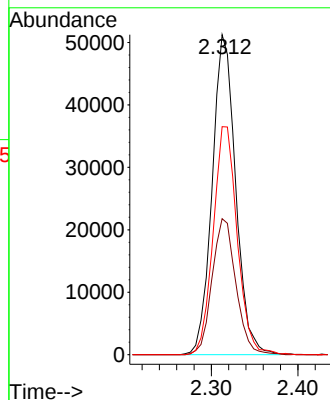
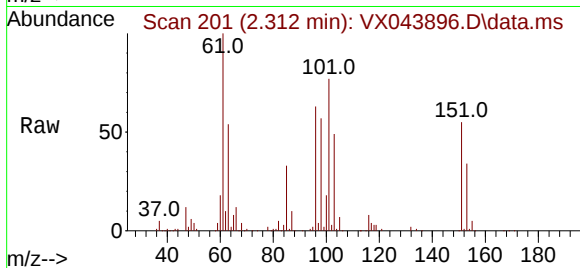
Tgt Ion:101 Resp: 96610

Ion Ratio Lower Upper

101 100

85 43.0 33.9 50.9

151 72.3 58.5 87.7



#12

1,1-Dichloroethene

Concen: 42.971 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

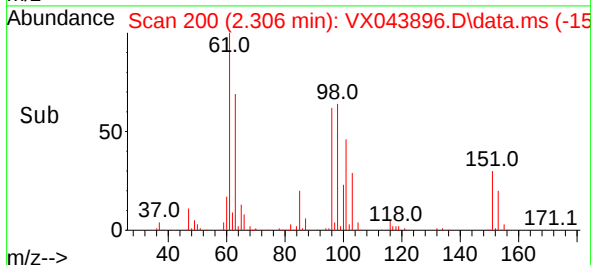
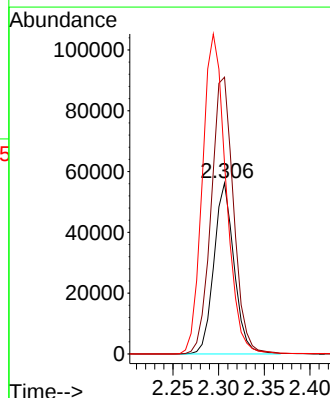
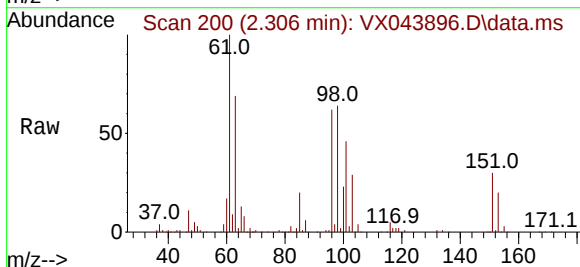
Tgt Ion: 96 Resp: 86221

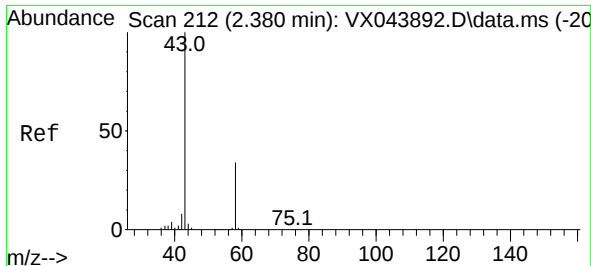
Ion Ratio Lower Upper

96 100

61 162.0 109.3 203.1

63 111.6 65.7 122.1

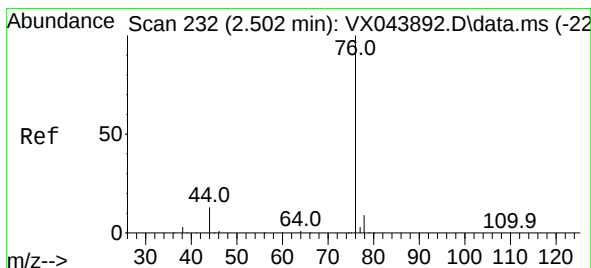
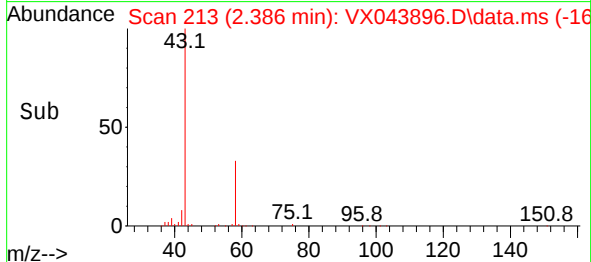
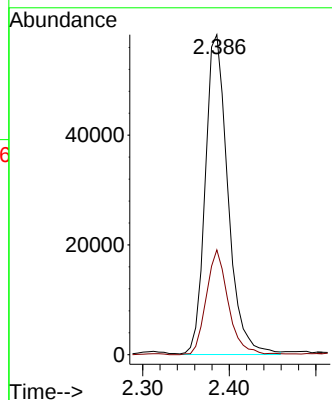
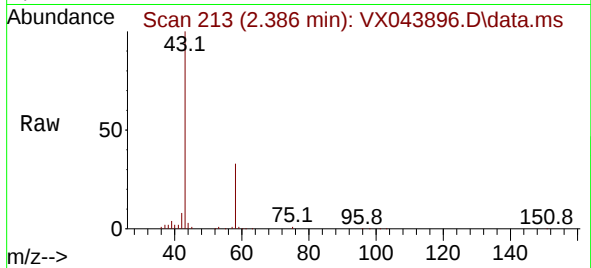




#13
Acetone
Concen: 77.640 ug/L
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

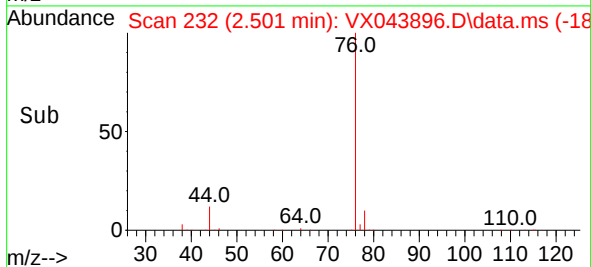
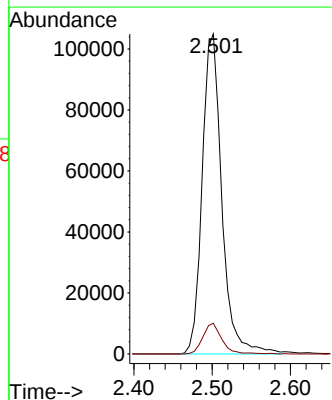
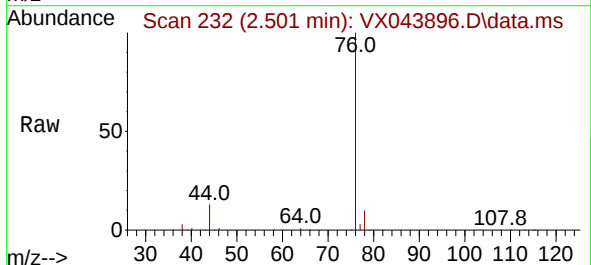
Instrument :
MSVOA_X
ClientSampleId :

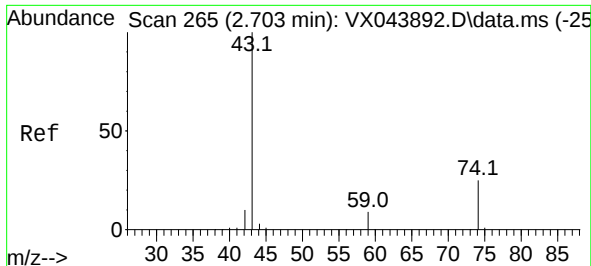
Tgt Ion: 43 Resp: 105963
Ion Ratio Lower Upper
43 100
58 31.4 0.0 66.0



#14
Carbon disulfide
Concen: 42.820 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

Tgt Ion: 76 Resp: 182605
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8





#15

Methyl Acetate

Concen: 44.072 ug/L

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

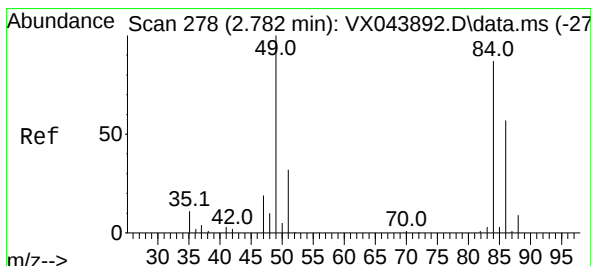
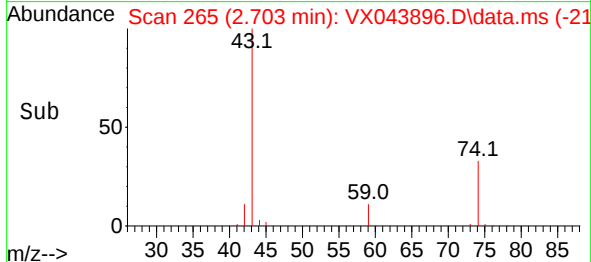
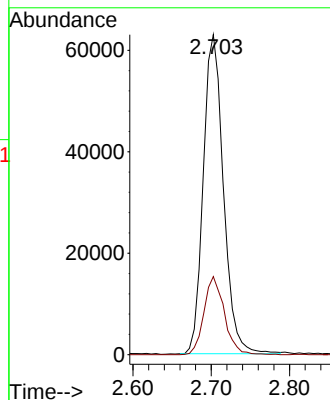
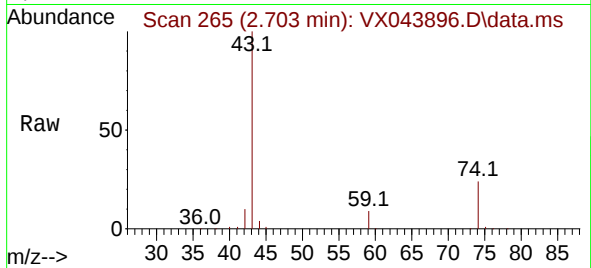
ClientSampleId :

Tgt Ion: 43 Resp: 112520

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.2



#16

Methylene chloride

Concen: 43.494 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

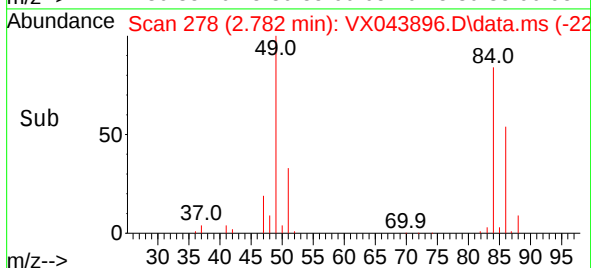
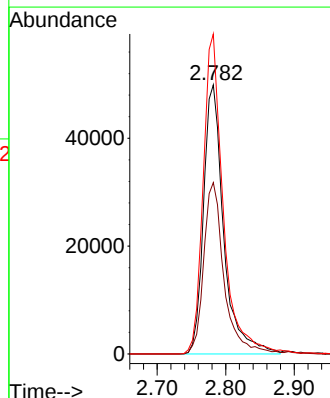
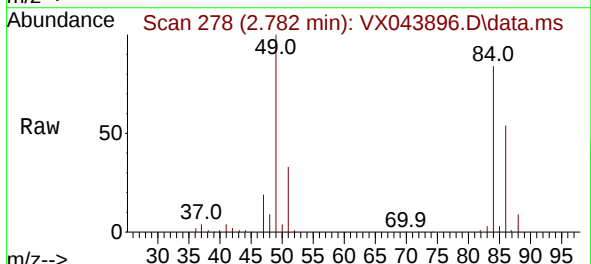
Tgt Ion: 84 Resp: 102327

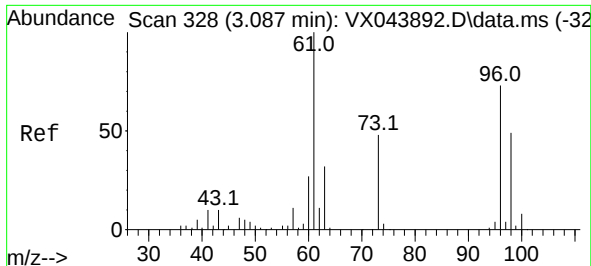
Ion Ratio Lower Upper

84 100

86 63.7 46.0 85.4

49 118.9 80.8 150.2





#17

trans-1,2-Dichloroethene

Concen: 43.161 ug/L

RT: 3.081 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

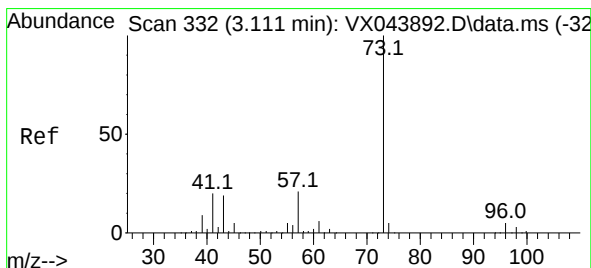
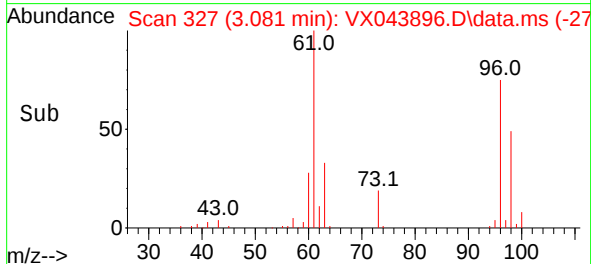
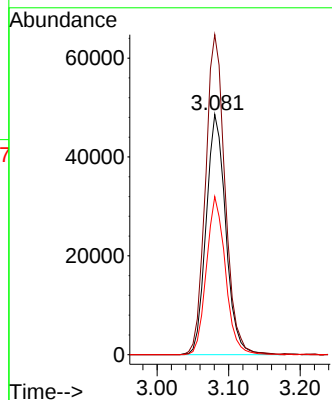
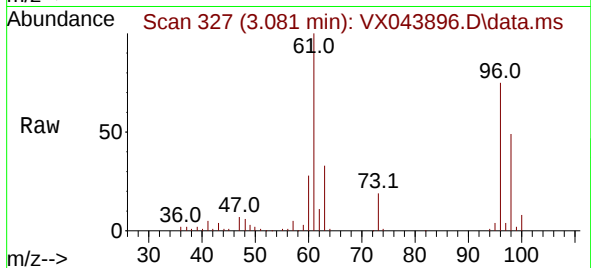
Tgt Ion: 96 Resp: 92743

Ion Ratio Lower Upper

96 100

61 133.2 95.7 177.7

98 65.8 47.2 87.6



#18

Methyl tert-butyl Ether

Concen: 43.646 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

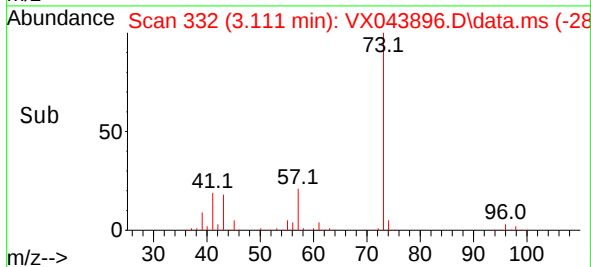
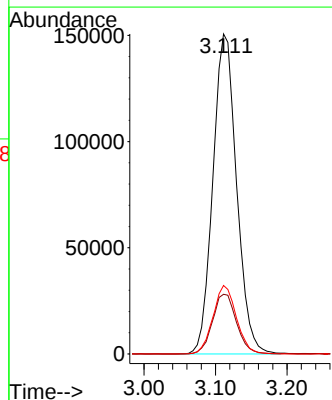
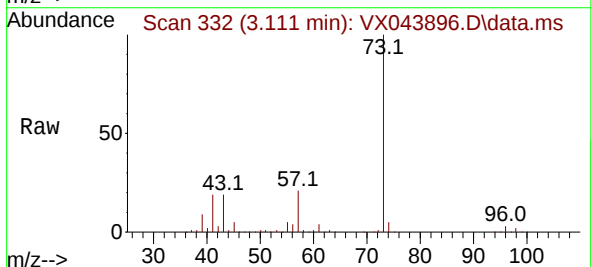
Tgt Ion: 73 Resp: 347056

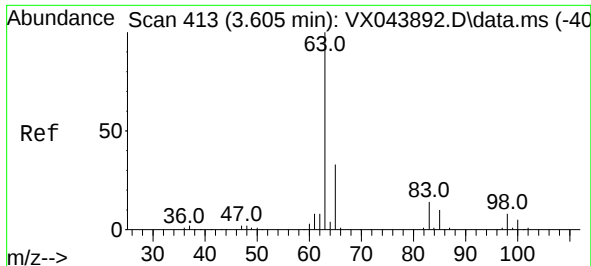
Ion Ratio Lower Upper

73 100

43 19.0 15.2 22.8

57 21.1 17.0 25.6





#19

1,1-Dichloroethane

Concen: 42.948 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

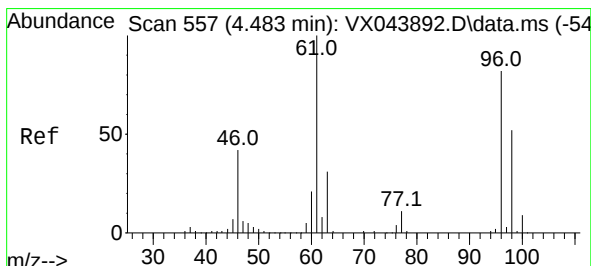
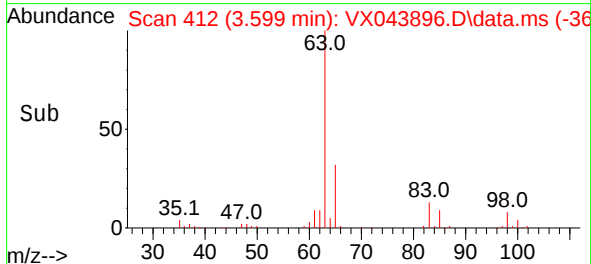
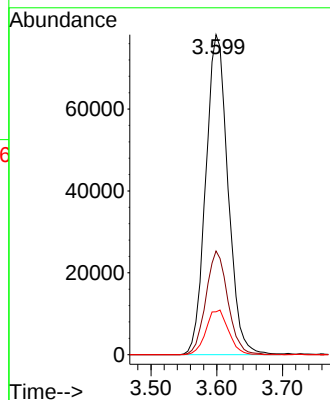
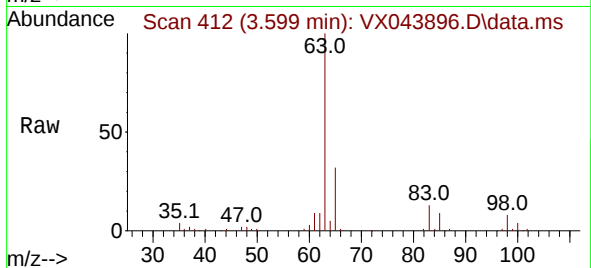
Tgt Ion: 63 Resp: 183858

Ion Ratio Lower Upper

63 100

65 32.4 23.2 43.2

83 13.4 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 43.095 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

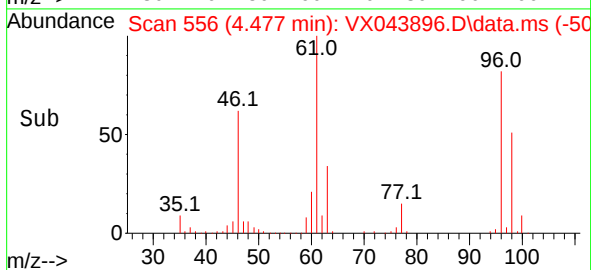
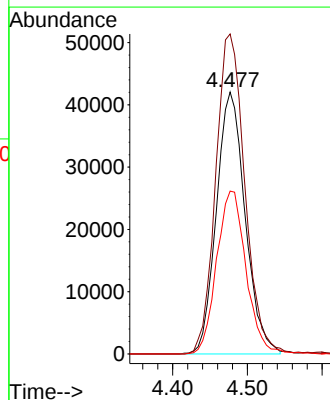
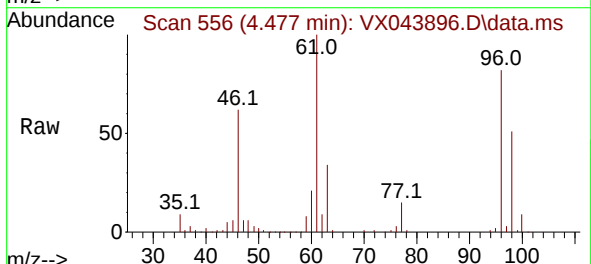
Tgt Ion: 96 Resp: 112576

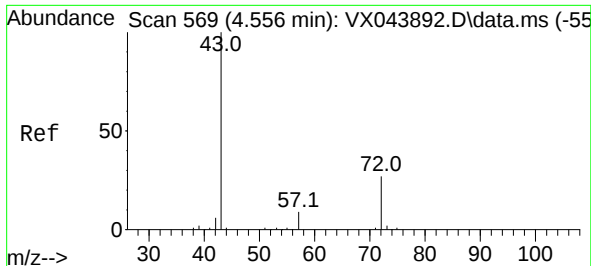
Ion Ratio Lower Upper

96 100

61 122.2 85.0 158.0

98 62.2 44.6 82.8

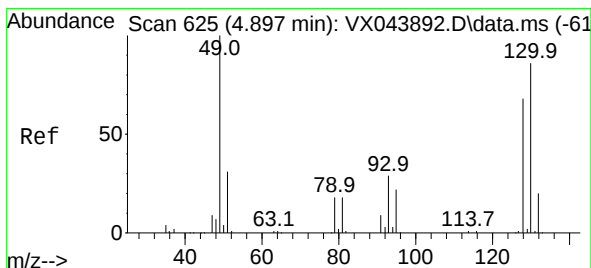
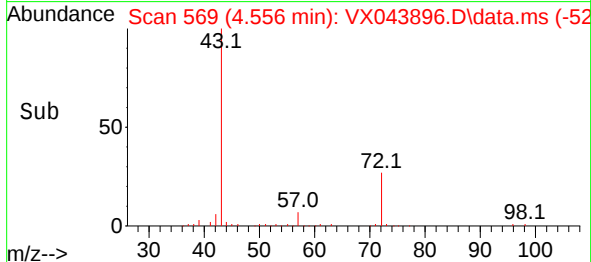
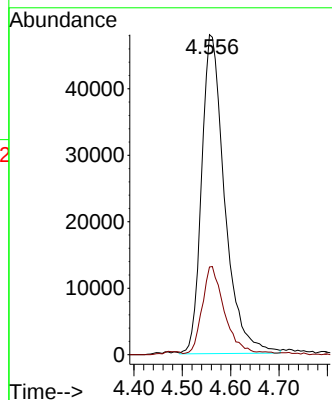
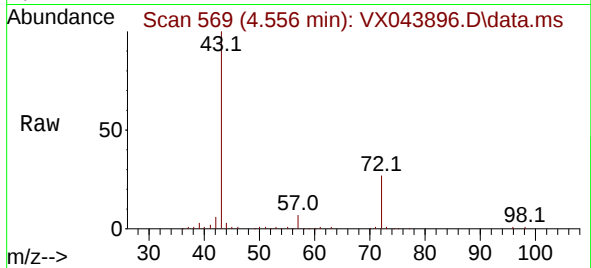




#22
2-Butanone
Concen: 87.477 ug/L
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

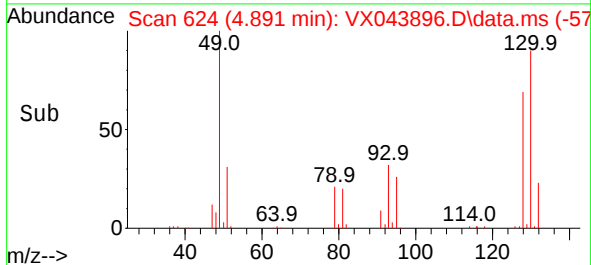
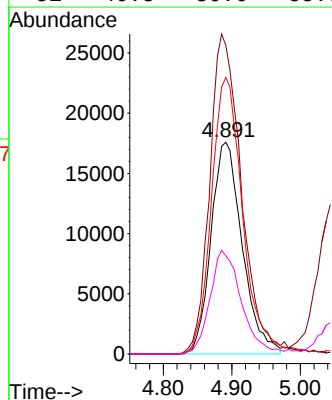
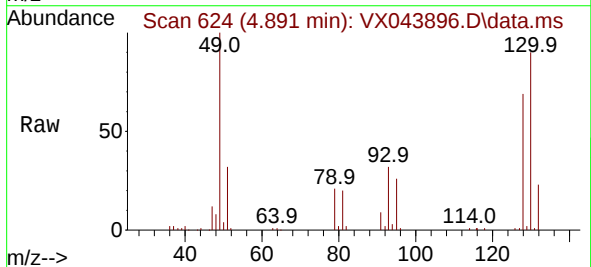
Instrument :
MSVOA_X
ClientSampleId :

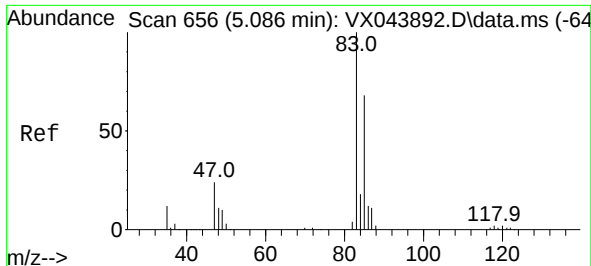
Tgt Ion: 43 Resp: 159110
Ion Ratio Lower Upper
43 100
72 26.0 13.1 39.3



#23
Bromochloromethane
Concen: 41.331 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

Tgt Ion:128 Resp: 55568
Ion Ratio Lower Upper
128 100
49 145.7 103.7 192.5
130 130.5 89.1 165.5
51 46.3 36.6 55.0





#25

Chloroform

Concen: 42.441 ug/L

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

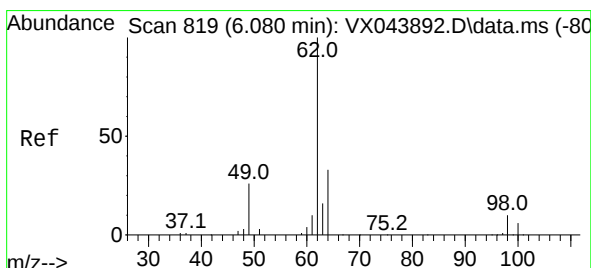
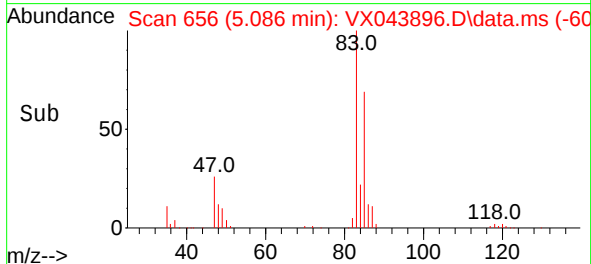
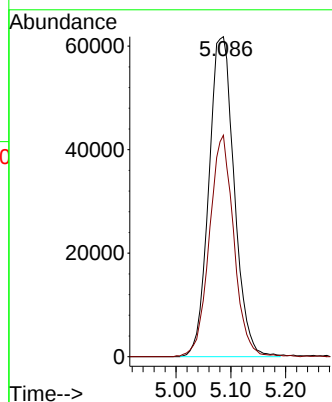
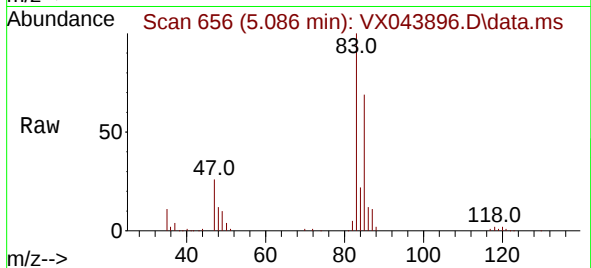
ClientSampleId :

Tgt Ion: 83 Resp: 198412

Ion Ratio Lower Upper

83 100

85 69.2 47.7 88.7



#27

1,2-Dichloroethane

Concen: 42.772 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX043896.D

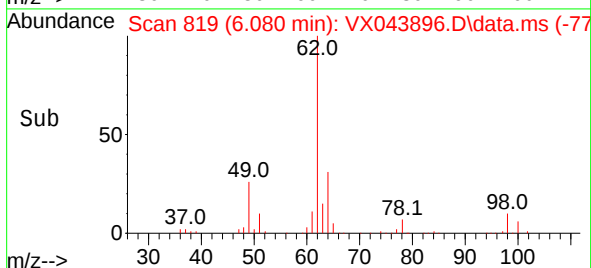
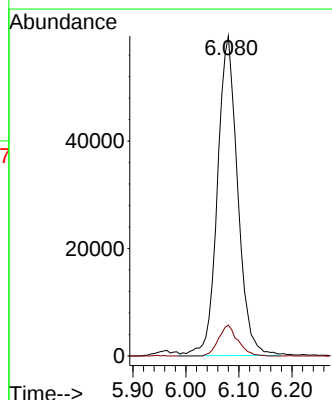
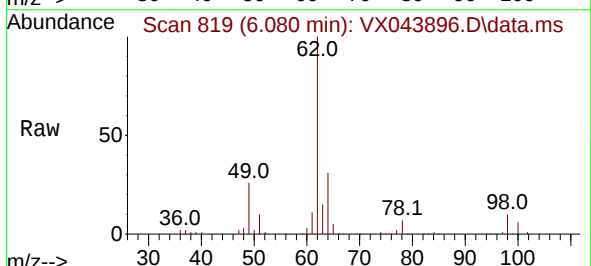
Acq: 19 Nov 2024 12:39

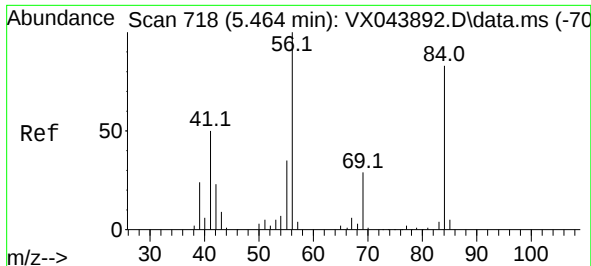
Tgt Ion: 62 Resp: 157714

Ion Ratio Lower Upper

62 100

98 9.7 7.7 11.5





#29

Cyclohexane

Concen: 52.604 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min MSVOA_X

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

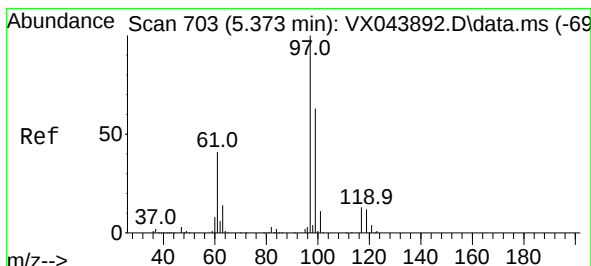
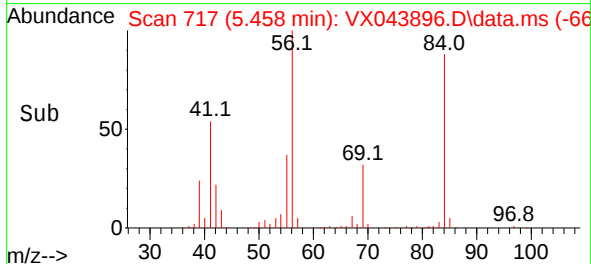
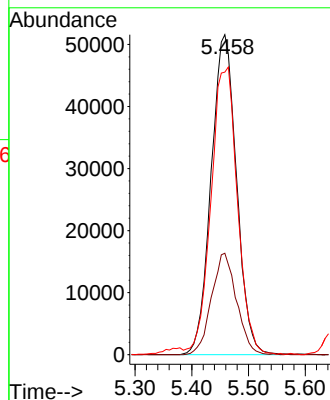
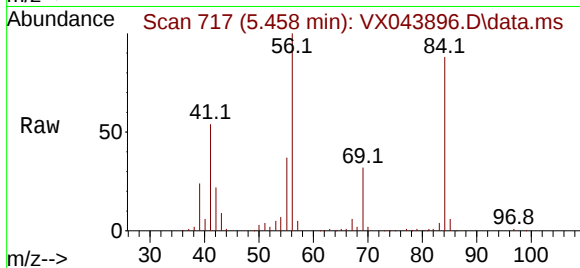
Tgt Ion: 56 Resp: 160467

Ion Ratio Lower Upper

56 100

69 31.2 25.1 37.7

84 93.1 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 51.355 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

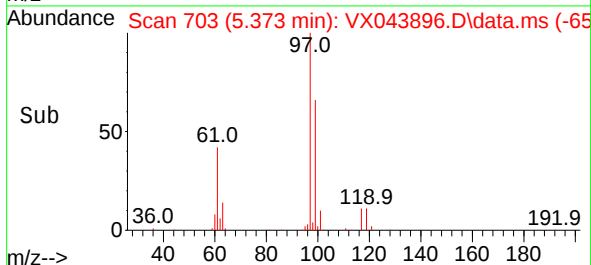
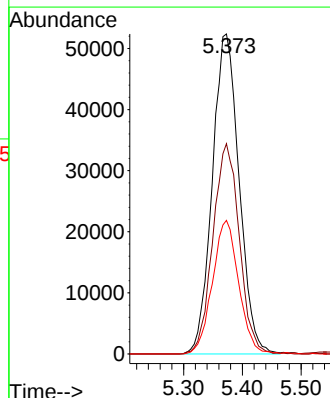
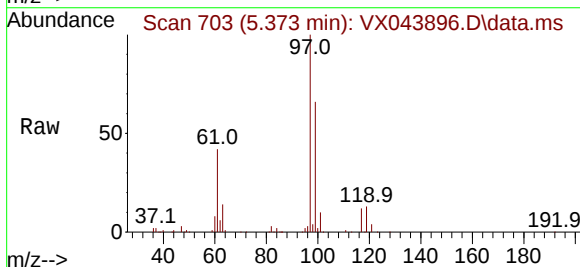
Tgt Ion: 97 Resp: 166180

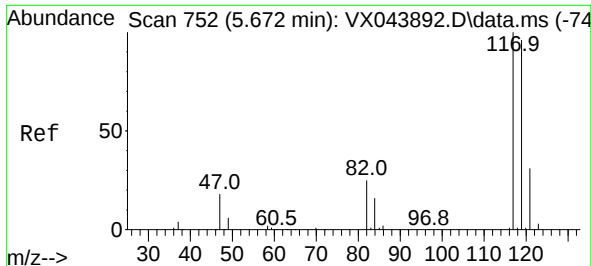
Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.2

61 40.8 32.8 49.2

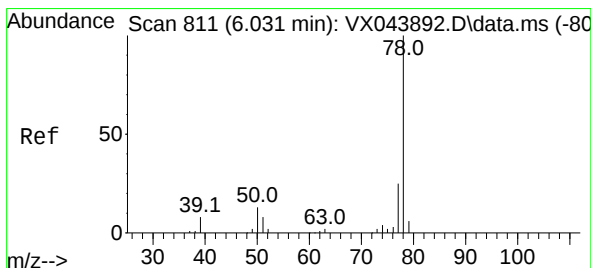
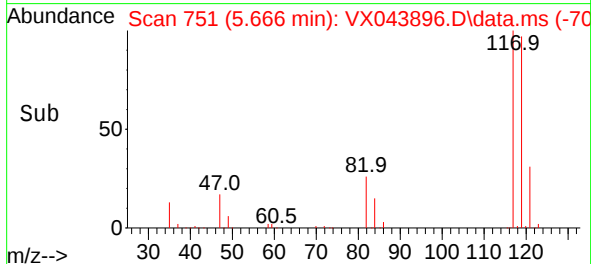
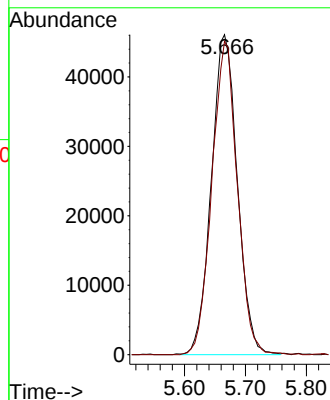
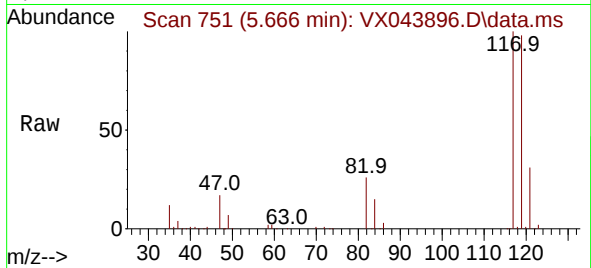




#31
Carbon tetrachloride
Concen: 52.072 ug/L
RT: 5.666 min Scan# 74
Delta R.T. -0.006 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

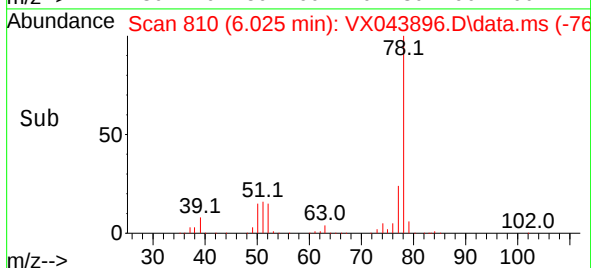
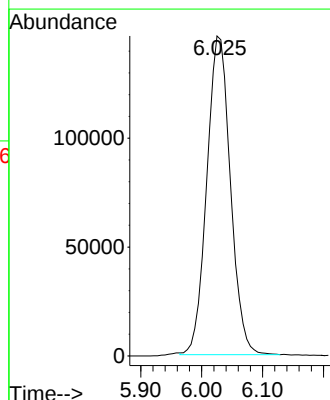
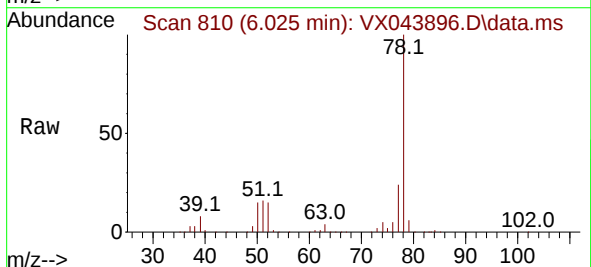
Instrument :
MSVOA_X
ClientSampleId :

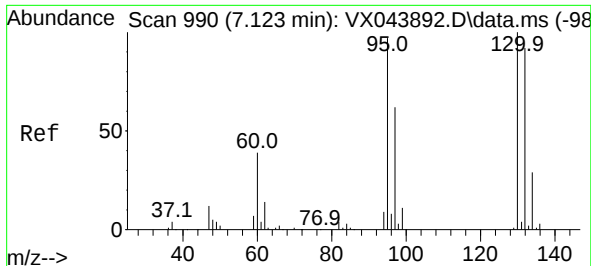
Tgt Ion:117 Resp: 136673
Ion Ratio Lower Upper
117 100
119 95.7 77.7 116.5



#33
Benzene
Concen: 50.285 ug/L
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

Tgt Ion: 78 Resp: 394218





#34

Trichloroethene

Concen: 49.845 ug/L

RT: 7.116 min Scan# 90

Delta R.T. -0.006 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 95 Resp: 107241

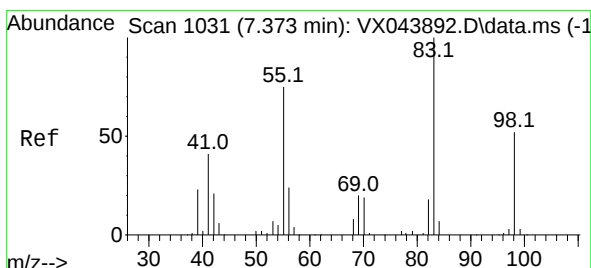
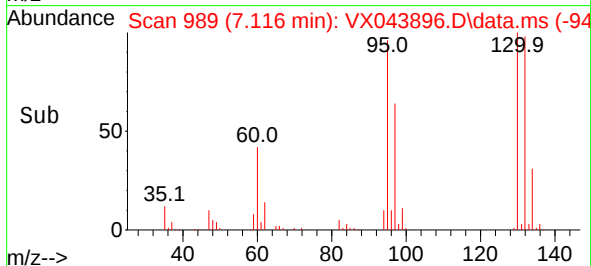
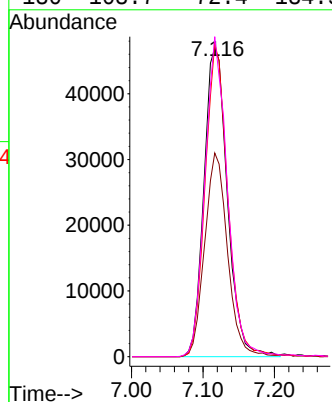
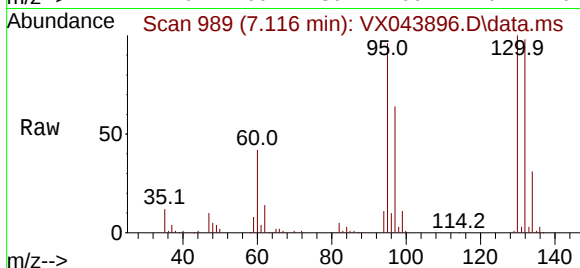
Ion Ratio Lower Upper

95 100

97 66.0 45.0 83.6

132 101.5 66.6 123.8

130 103.7 72.4 134.5



#35

Methylcyclohexane

Concen: 54.696 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

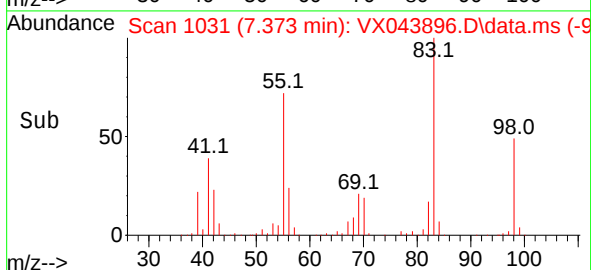
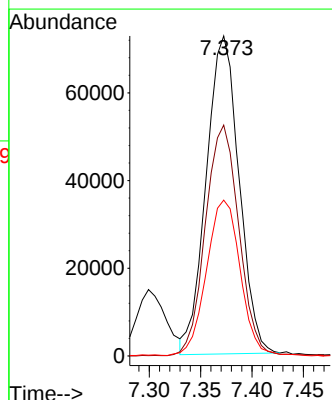
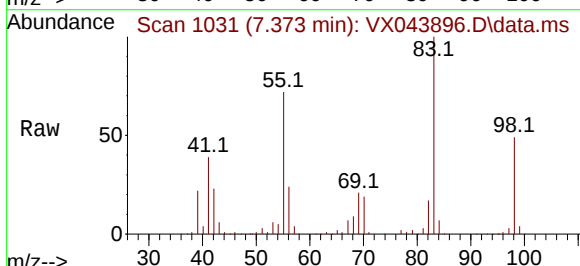
Tgt Ion: 83 Resp: 160892

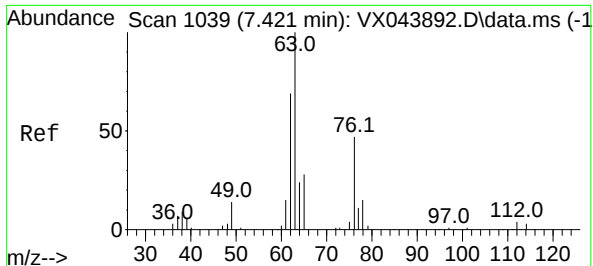
Ion Ratio Lower Upper

83 100

55 73.8 58.5 87.7

98 50.4 40.5 60.7

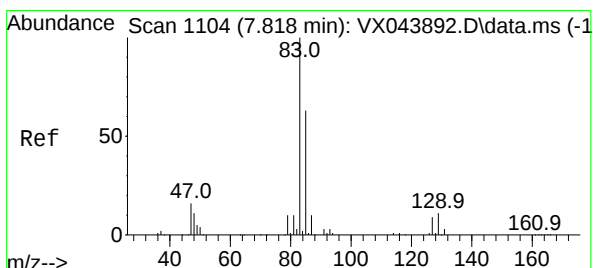
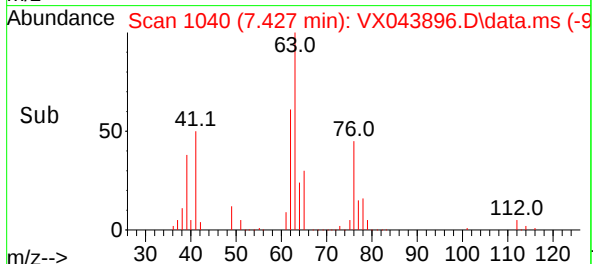
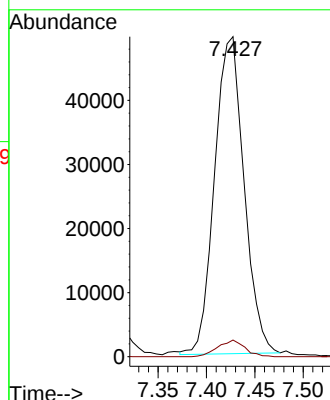
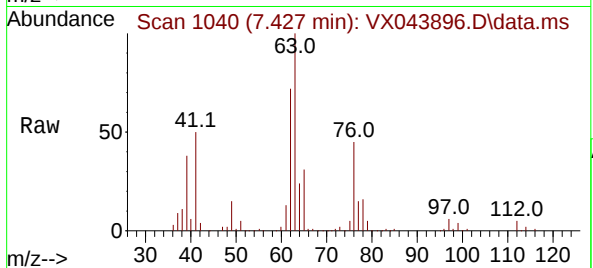




#37
1,2-Dichloropropane
Concen: 51.488 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

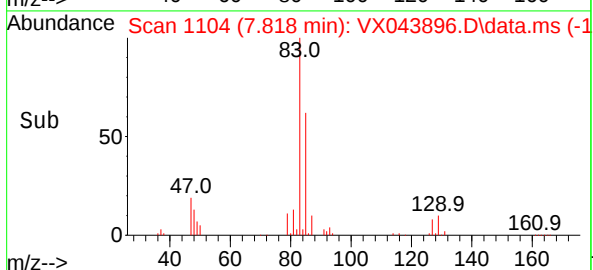
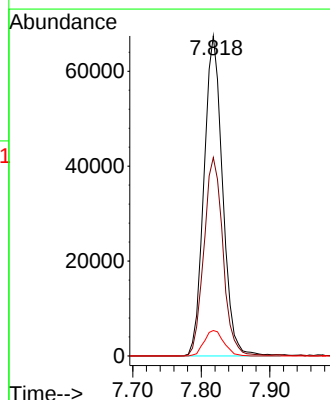
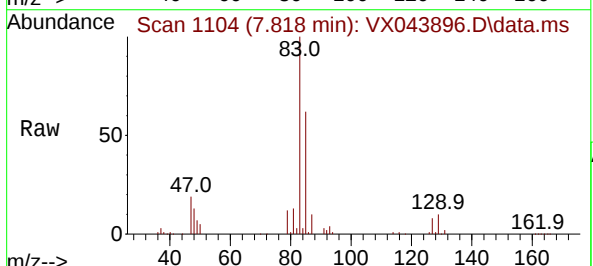
Instrument :
MSVOA_X
ClientSampleId :

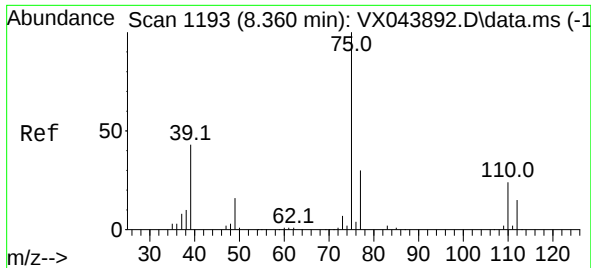
Tgt Ion: 63 Resp: 104758
Ion Ratio Lower Upper
63 100
112 4.8 3.6 5.4



#38
Bromodichloromethane
Concen: 50.029 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

Tgt Ion: 83 Resp: 127658
Ion Ratio Lower Upper
83 100
85 62.0 44.1 81.9
127 8.0 7.0 10.4

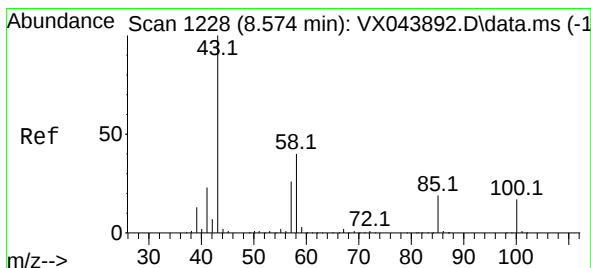
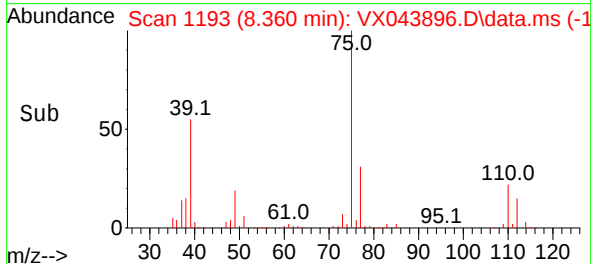
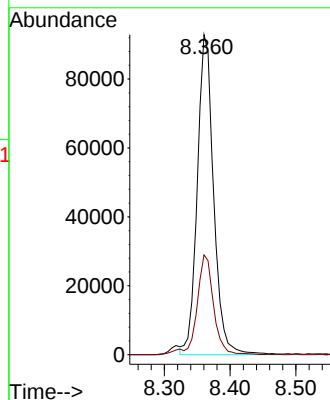
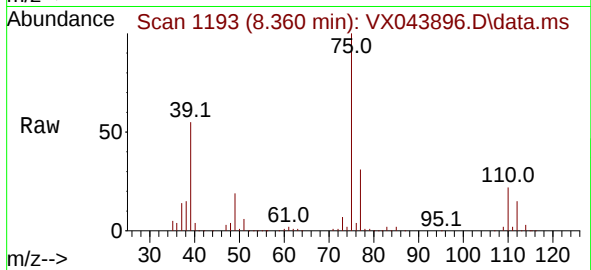




#39
cis-1,3-Dichloropropene
Concen: 50.054 ug/L
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

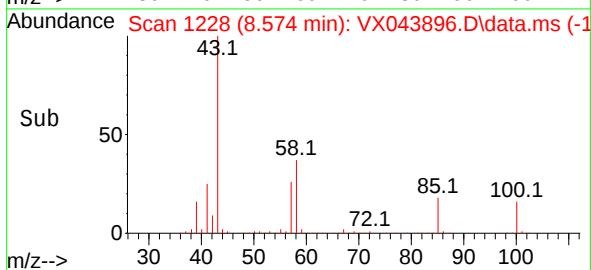
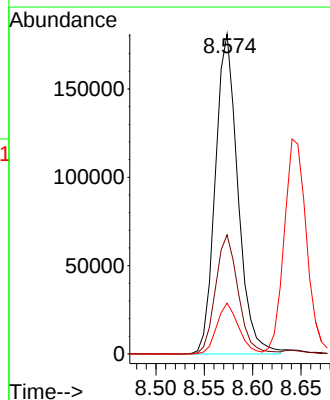
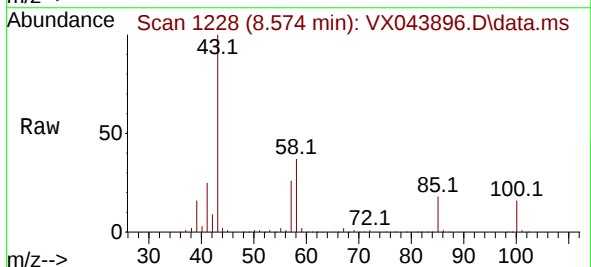
Instrument :
MSVOA_X
ClientSampleId :

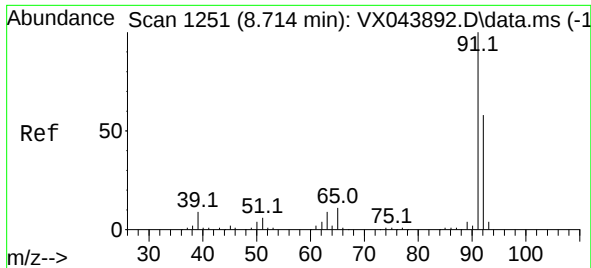
Tgt Ion: 75 Resp: 160478
Ion Ratio Lower Upper
75 100
77 31.2 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 105.620 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

Tgt Ion: 43 Resp: 294202
Ion Ratio Lower Upper
43 100
58 37.5 32.4 48.6
100 15.3 13.7 20.5





#42

Toluene

Concen: 45.078 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

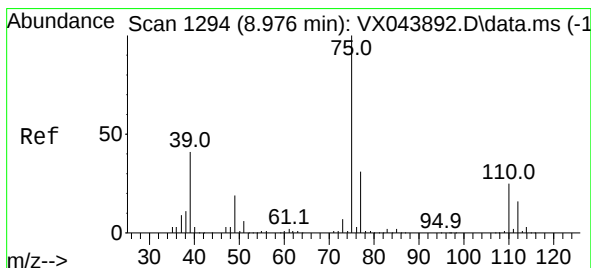
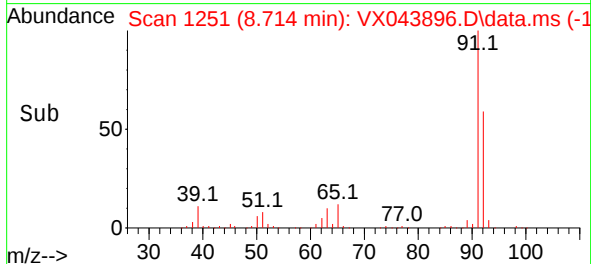
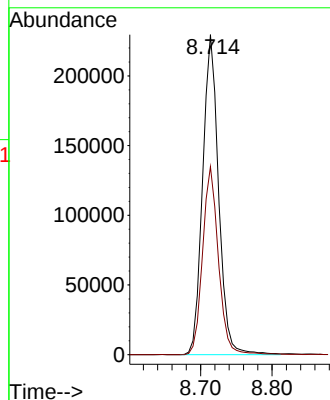
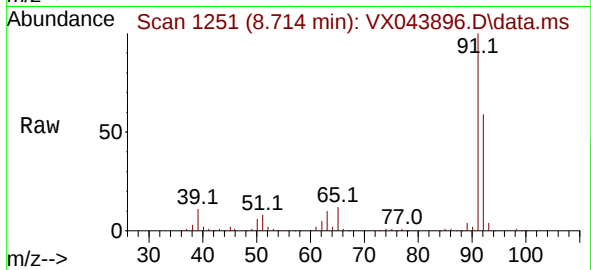
ClientSampleId :

Tgt Ion: 91 Resp: 356132

Ion Ratio Lower Upper

91 100

92 58.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 48.410 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043896.D

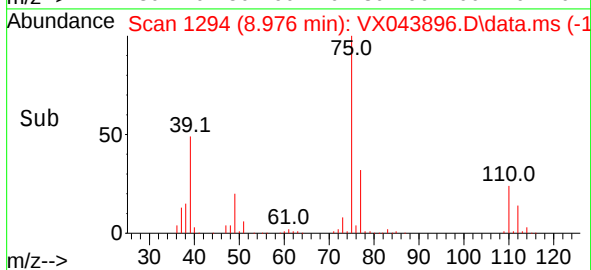
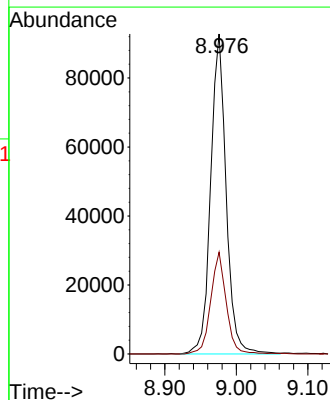
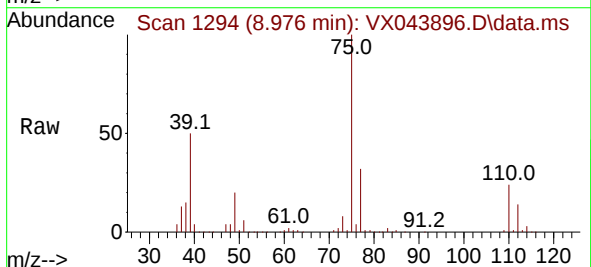
Acq: 19 Nov 2024 12:39

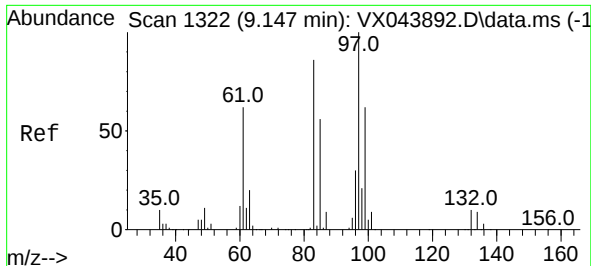
Tgt Ion: 75 Resp: 139512

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 48.137 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 96312

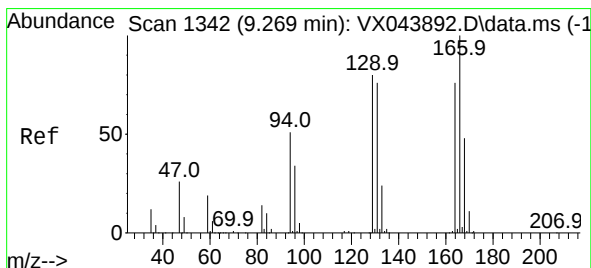
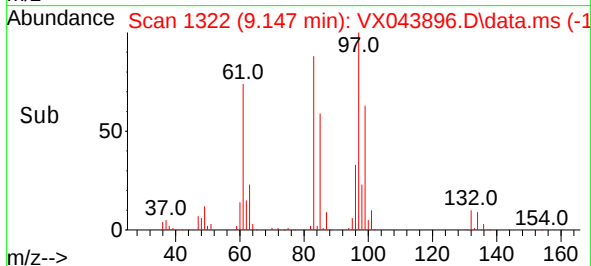
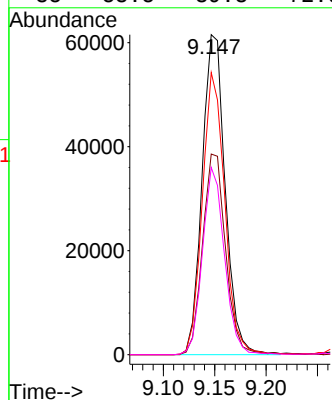
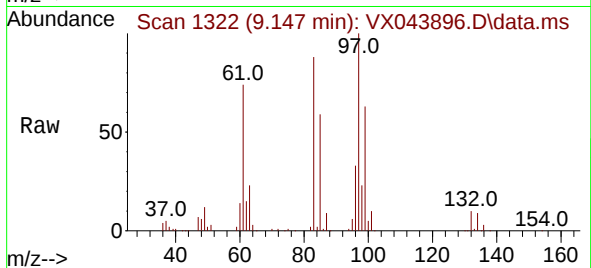
Ion Ratio Lower Upper

97 100

99 62.7 43.4 80.6

83 88.2 60.2 111.8

85 58.5 39.3 72.9



#46

Tetrachloroethene

Concen: 48.873 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Tgt Ion:164 Resp: 68515

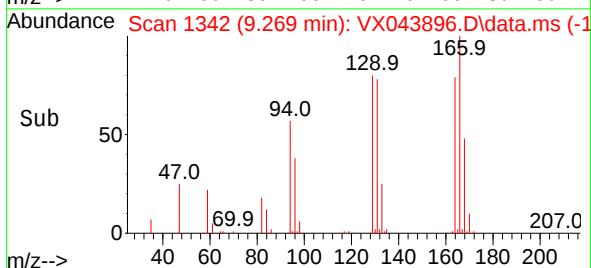
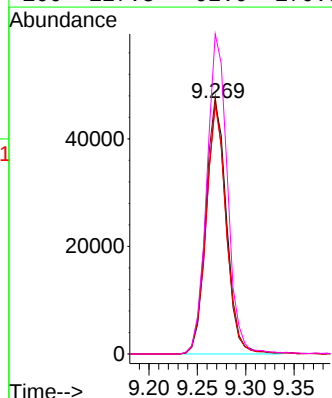
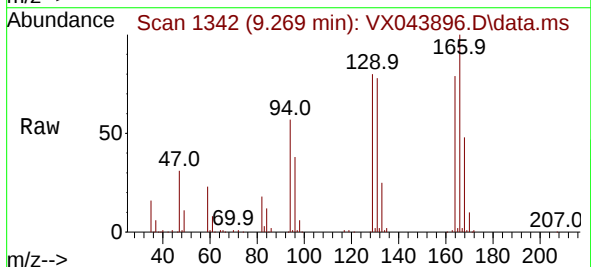
Ion Ratio Lower Upper

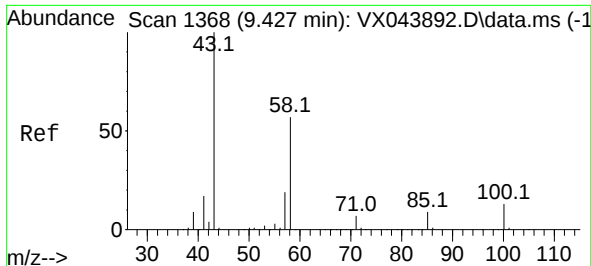
164 100

129 102.3 73.6 136.6

131 99.0 70.2 130.4

166 127.3 92.0 170.8



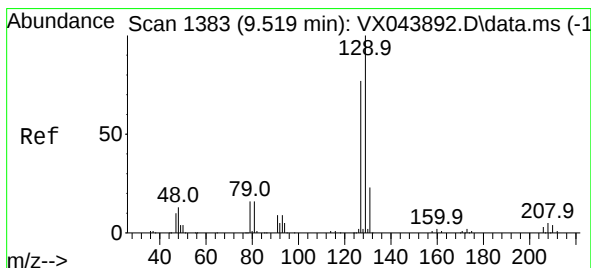
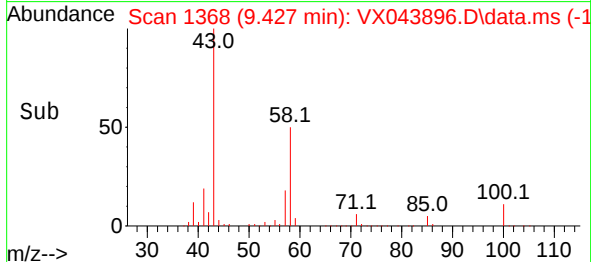
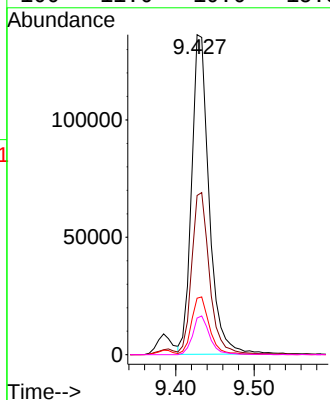
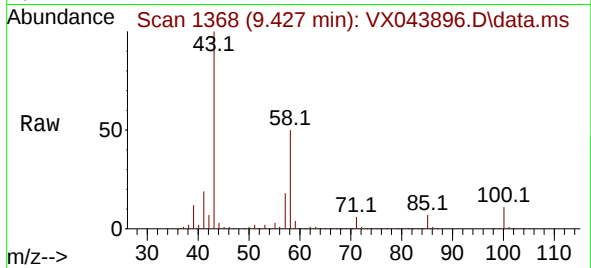


#48
2-Hexanone
Concen: 100.886 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 212131

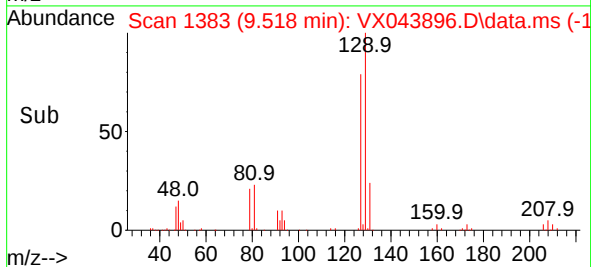
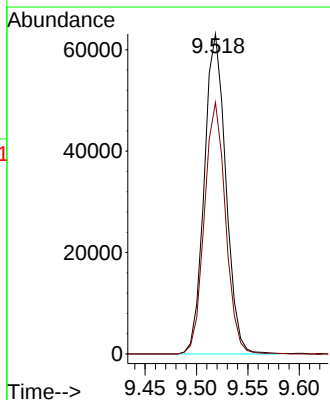
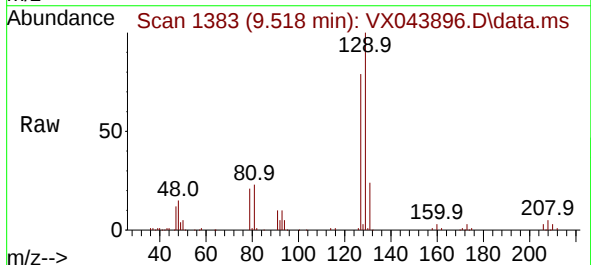
Ion	Ratio	Lower	Upper
43	100		
58	52.1	45.4	68.2
57	18.3	15.4	23.0
100	11.6	10.6	15.8

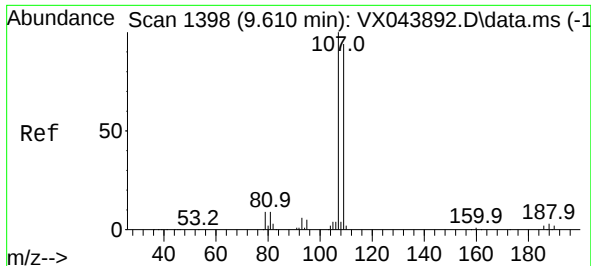


#49
Dibromochloromethane
Concen: 49.706 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

Tgt Ion: 129 Resp: 91936

Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.5	99.5





#50

1,2-Dibromoethane

Concen: 45.878 ug/L

RT: 9.604 min Scan# 14

Delta R.T. -0.006 min MSVOA_X

Lab File: VX043896.D

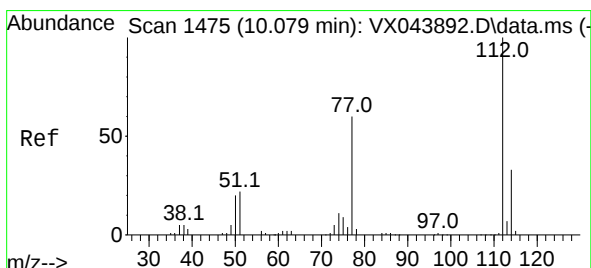
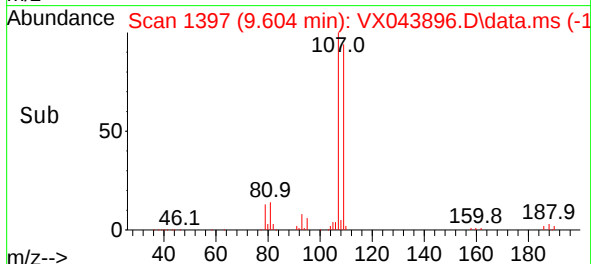
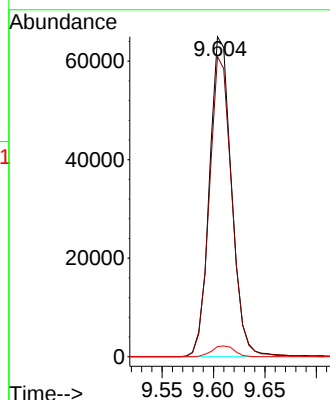
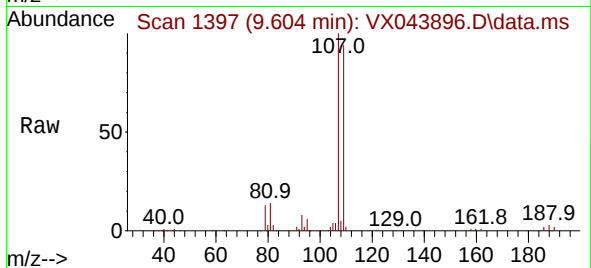
Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	96690
Ion Ratio	Lower	Upper
107	100	
109	93.8	65.5 121.7
188	3.1	2.6 4.0



#51

Chlorobenzene

Concen: 44.317 ug/L

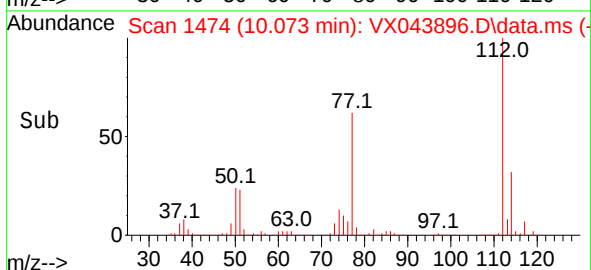
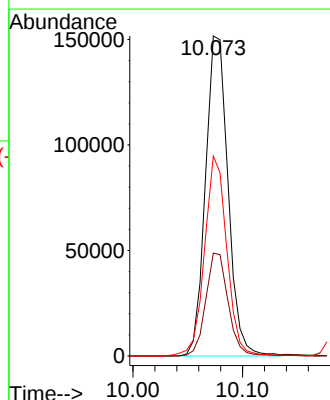
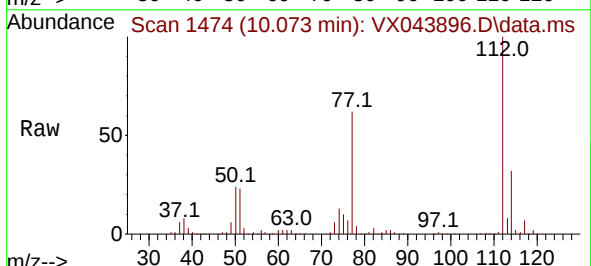
RT: 10.073 min Scan# 1474

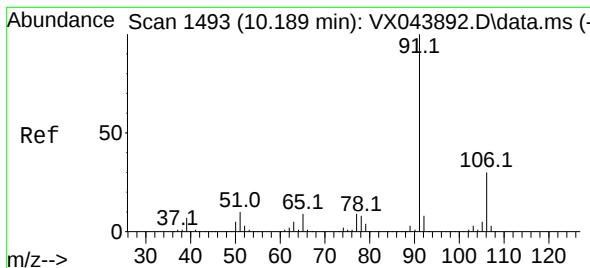
Delta R.T. -0.006 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Tgt Ion:112	Resp:	217173
Ion Ratio	Lower	Upper
112	100	
114	32.2	22.9 42.5
77	62.5	48.0 72.0





#52

Ethylbenzene

Concen: 45.936 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

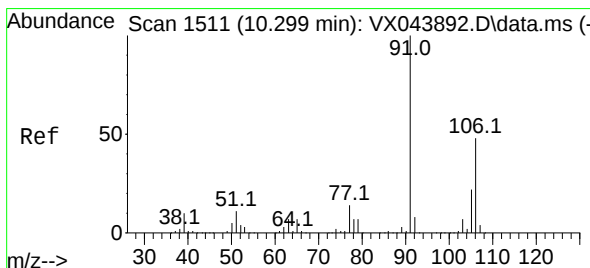
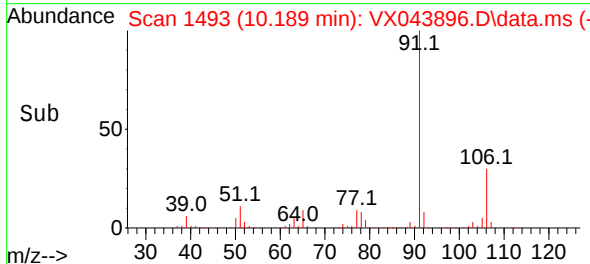
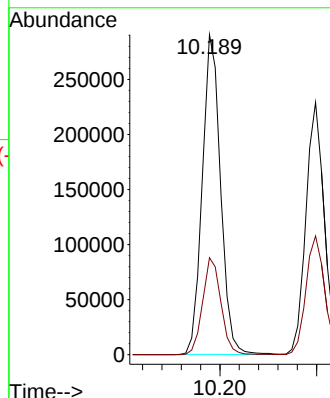
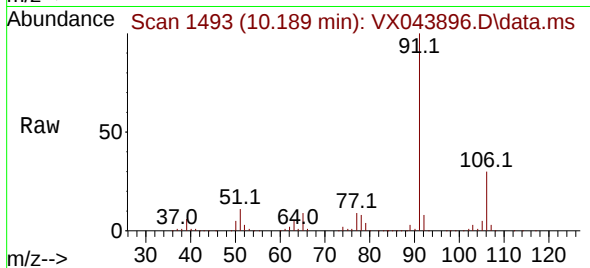
ClientSampleId :

Tgt Ion: 91 Resp: 382524

Ion Ratio Lower Upper

91 100

106 30.3 21.1 39.1



#53

m,p-Xylene

Concen: 47.030 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043896.D

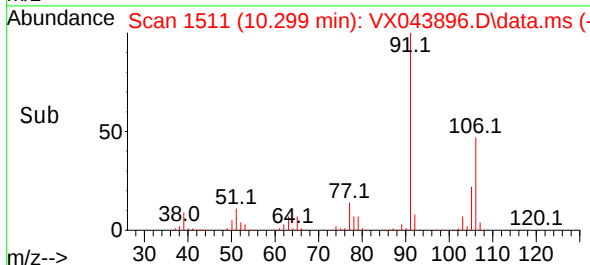
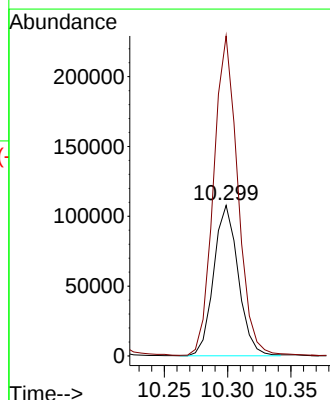
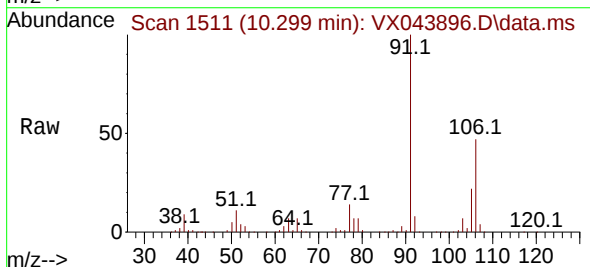
Acq: 19 Nov 2024 12:39

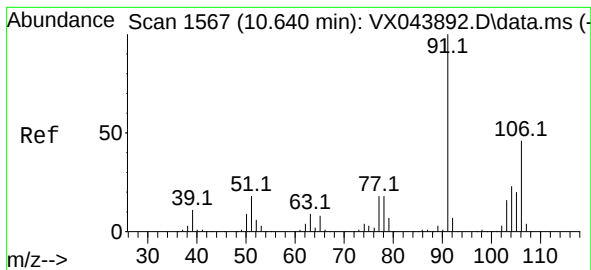
Tgt Ion:106 Resp: 145455

Ion Ratio Lower Upper

106 100

91 212.5 147.5 273.9





#54

o-Xylene

Concen: 50.497 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

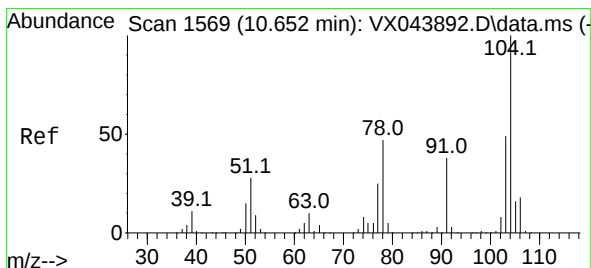
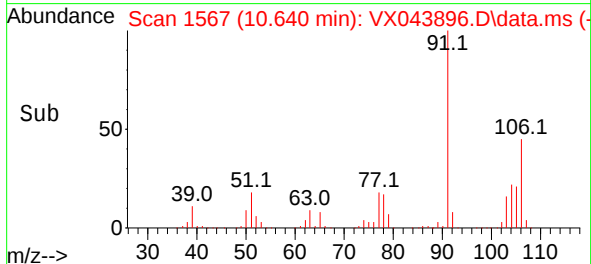
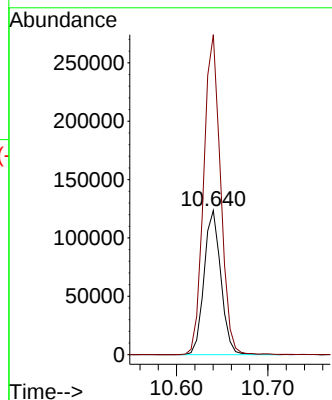
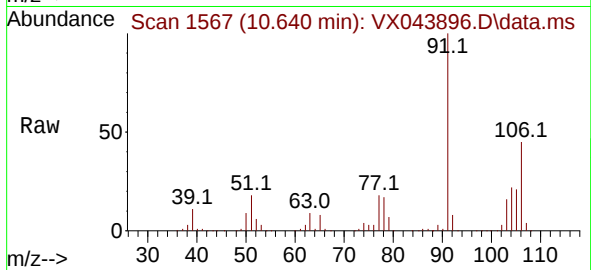
ClientSampleId :

Tgt Ion:106 Resp: 157242

Ion Ratio Lower Upper

106 100

91 221.9 153.7 285.5



#55

Styrene

Concen: 50.429 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043896.D

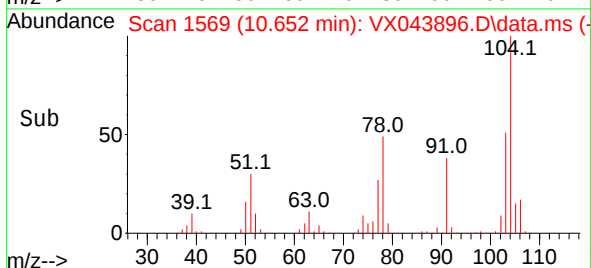
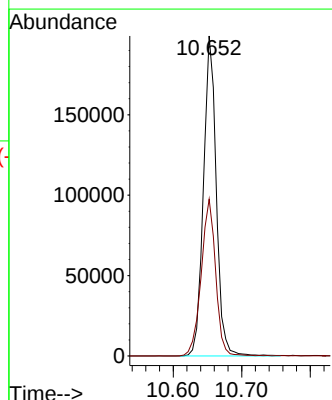
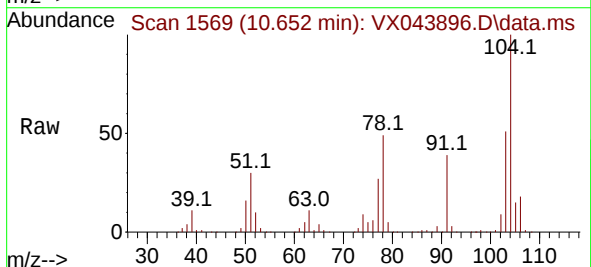
Acq: 19 Nov 2024 12:39

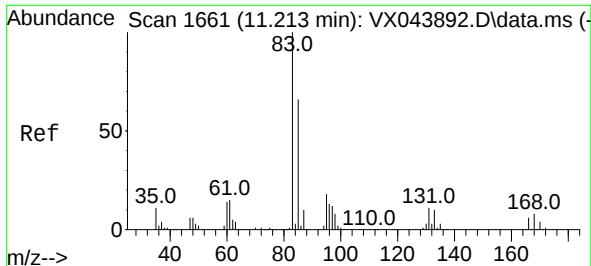
Tgt Ion:104 Resp: 259938

Ion Ratio Lower Upper

104 100

78 49.0 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 56.452 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

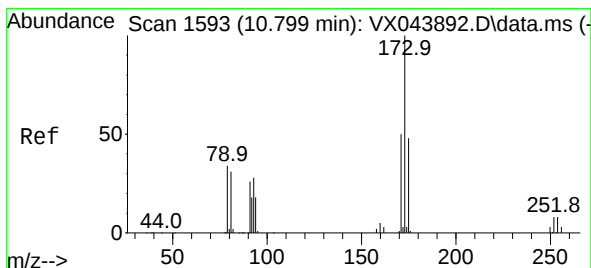
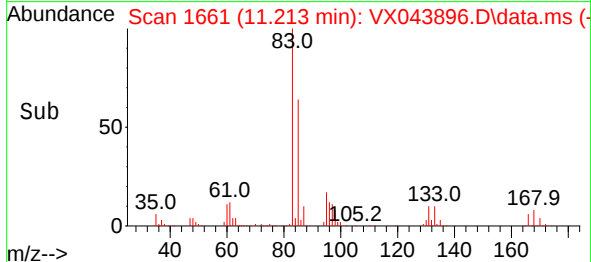
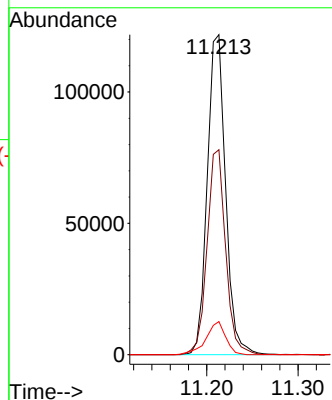
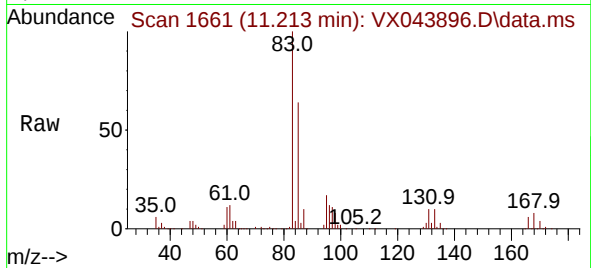
Tgt Ion: 83 Resp: 169067

Ion Ratio Lower Upper

83 100

85 64.1 46.0 85.4

131 10.4 8.8 13.2



#59

Bromoform

Concen: 44.123 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

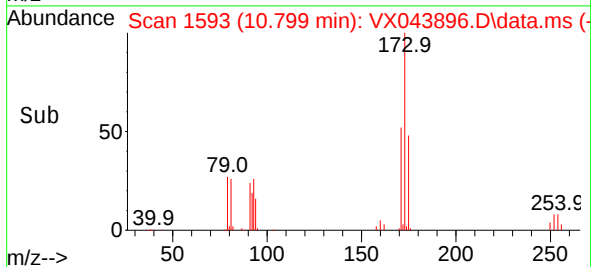
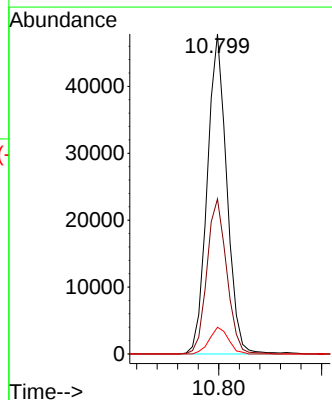
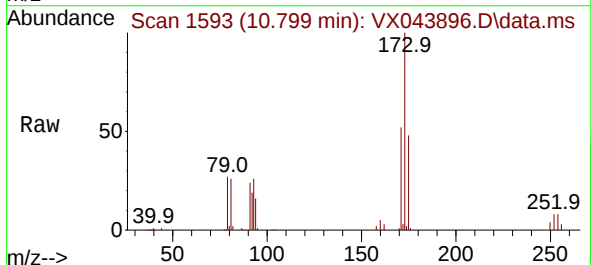
Tgt Ion:173 Resp: 63051

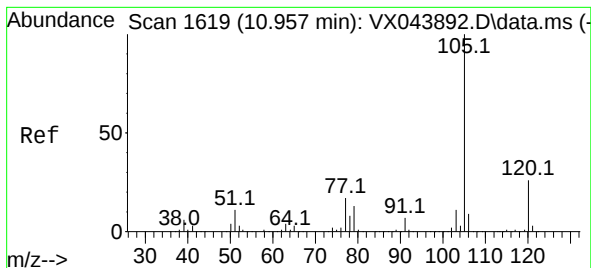
Ion Ratio Lower Upper

173 100

175 49.0 40.0 60.0

254 8.1 6.3 9.5





#60

Isopropylbenzene

Concen: 43.442 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

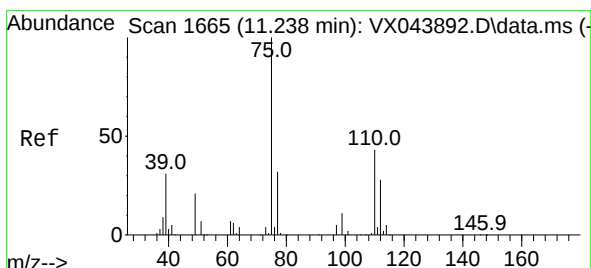
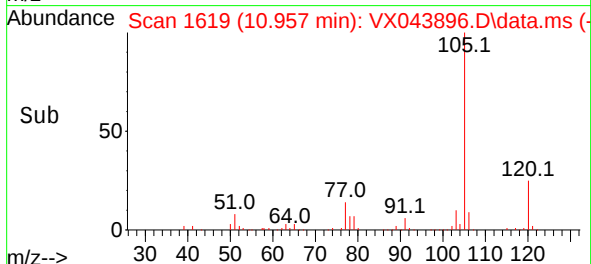
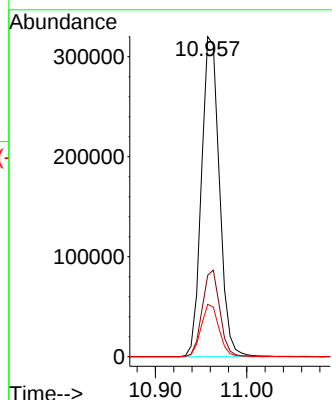
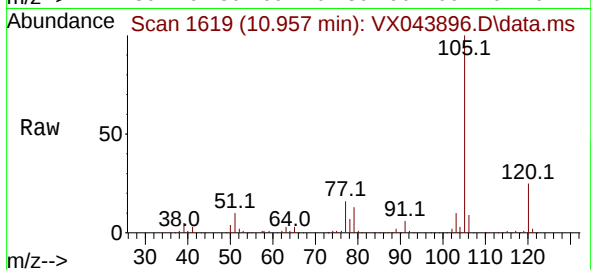
Tgt Ion:105 Resp: 436606

Ion Ratio Lower Upper

105 100

120 26.5 20.6 31.0

77 16.4 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 45.461 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

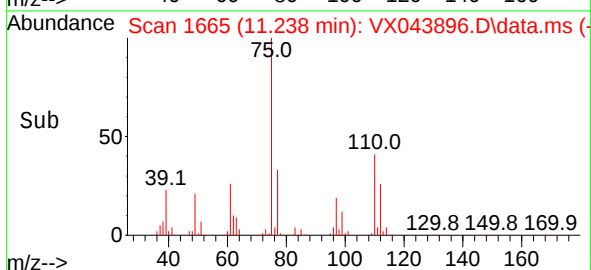
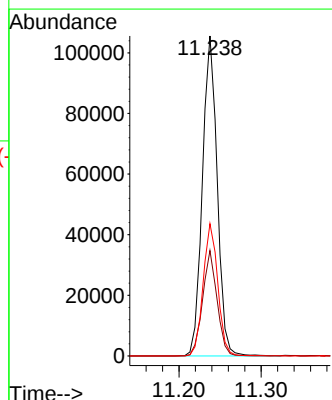
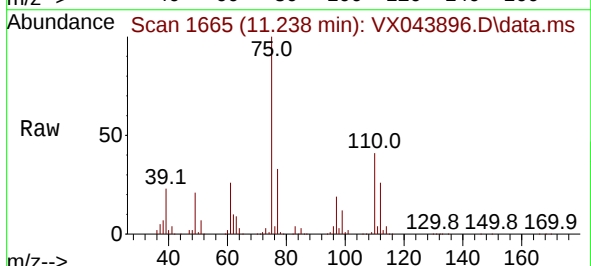
Tgt Ion: 75 Resp: 132102

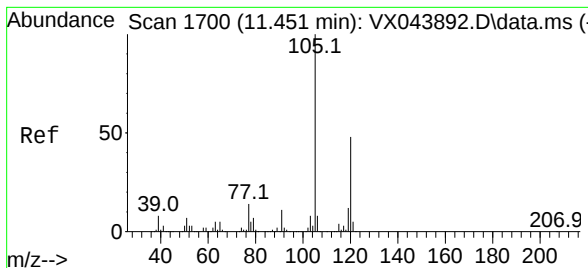
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

110 40.8 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 46.746 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

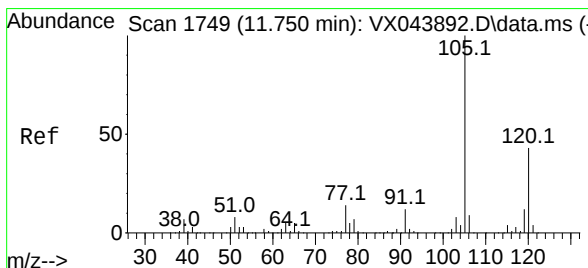
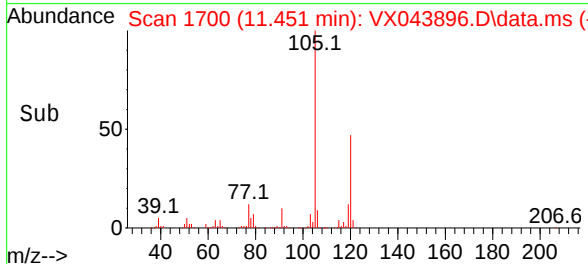
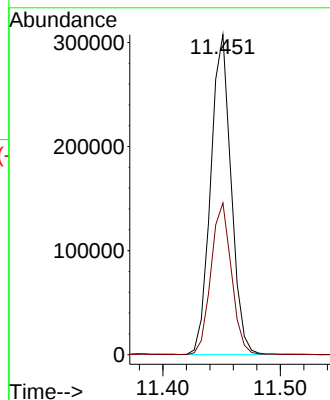
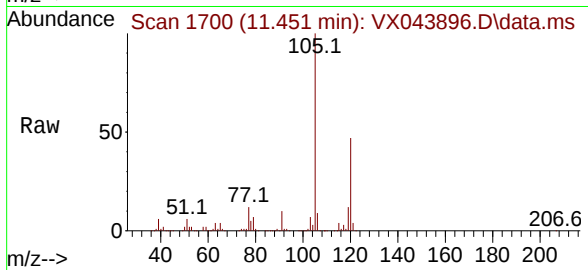
ClientSampleId :

Tgt Ion:105 Resp: 371175

Ion Ratio Lower Upper

105 100

120 47.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 46.925 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043896.D

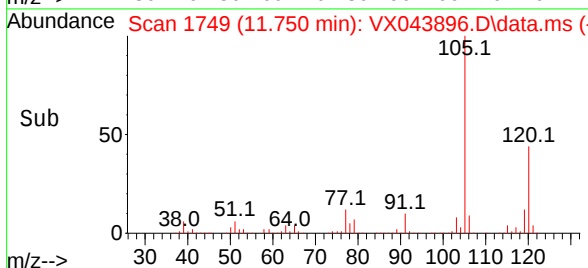
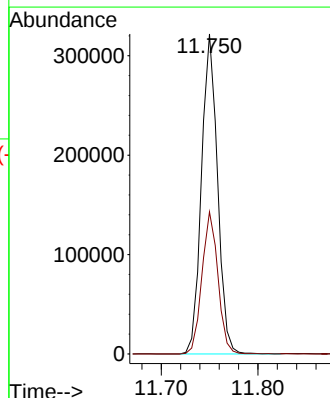
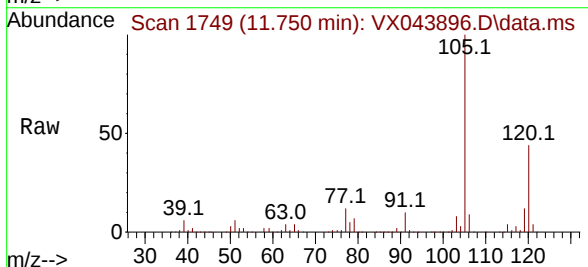
Acq: 19 Nov 2024 12:39

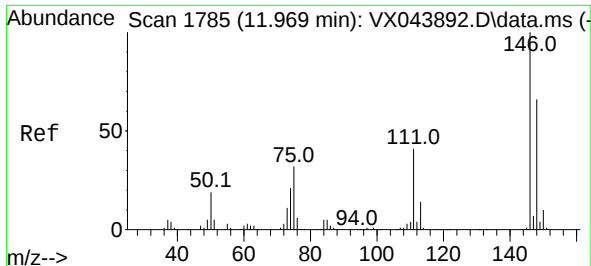
Tgt Ion:105 Resp: 371504

Ion Ratio Lower Upper

105 100

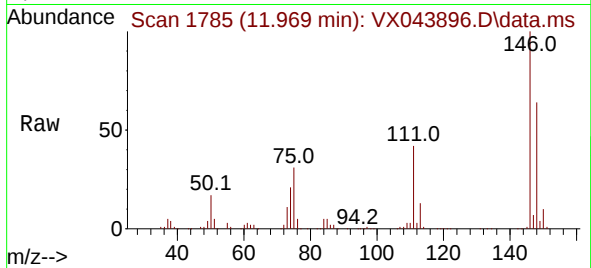
120 44.3 34.5 51.7



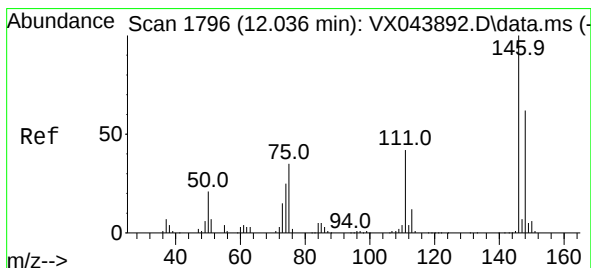
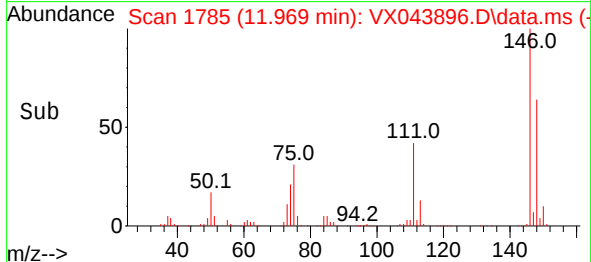
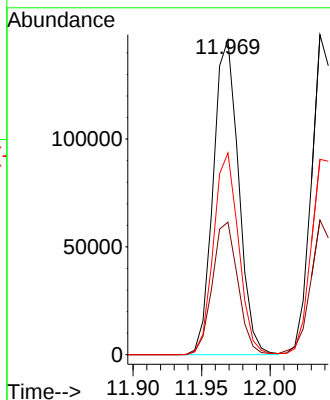


#64
1,3-Dichlorobenzene
Concen: 44.654 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

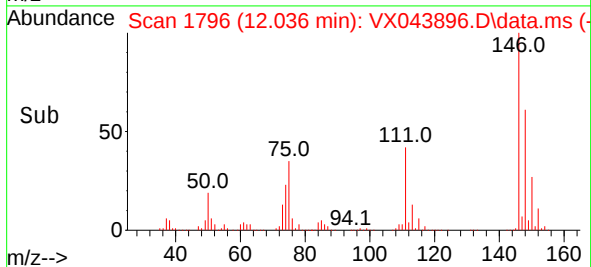
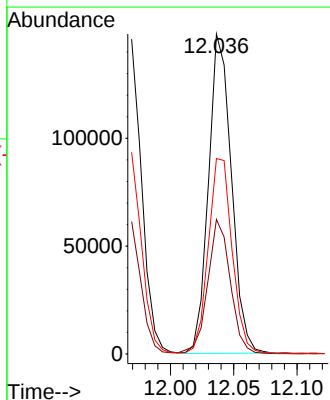
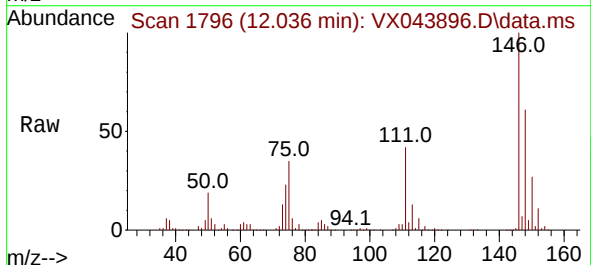


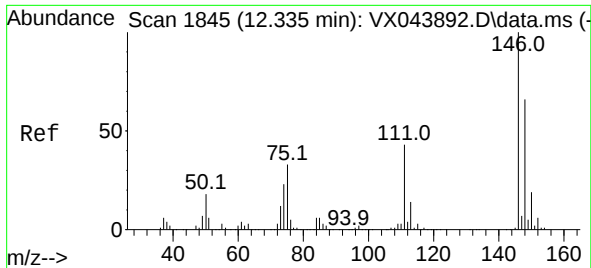
Tgt Ion:146 Resp: 188290
Ion Ratio Lower Upper
146 100
111 42.1 28.8 53.4
148 64.1 46.1 85.5



#65
1,4-Dichlorobenzene
Concen: 44.454 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX043896.D
Acq: 19 Nov 2024 12:39

Tgt Ion:146 Resp: 186133
Ion Ratio Lower Upper
146 100
111 42.0 29.5 54.7
148 61.1 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 44.512 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

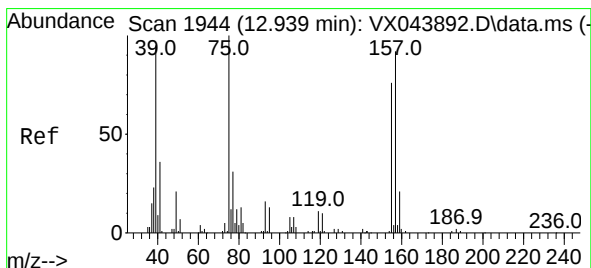
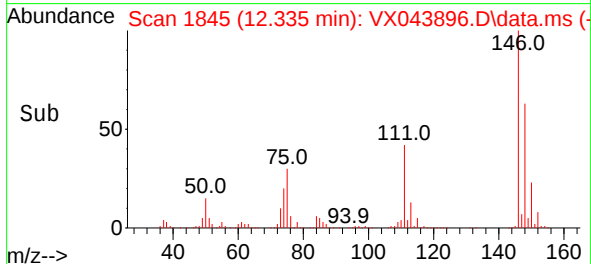
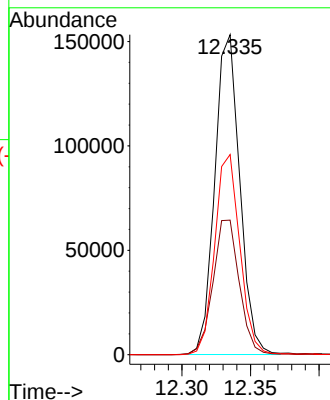
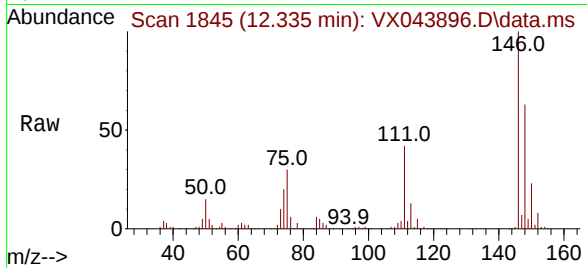
Tgt Ion:146 Resp: 194330

Ion Ratio Lower Upper

146 100

111 42.1 34.3 51.5

148 62.5 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 44.057 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

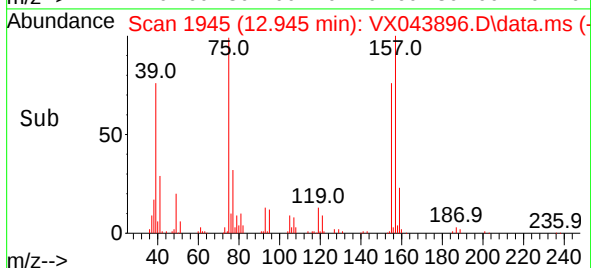
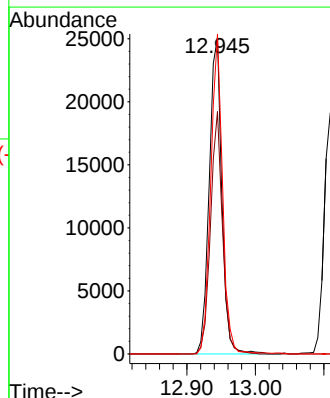
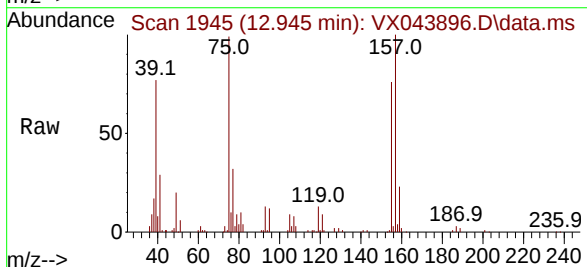
Tgt Ion: 75 Resp: 32041

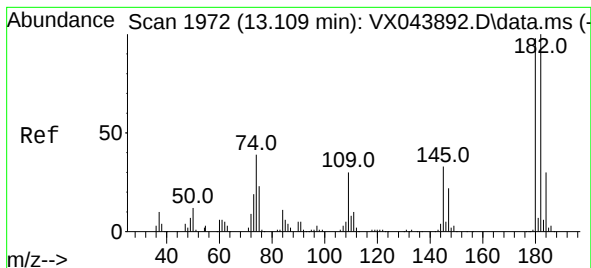
Ion Ratio Lower Upper

75 100

155 76.6 60.5 90.7

157 101.1 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 41.974 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

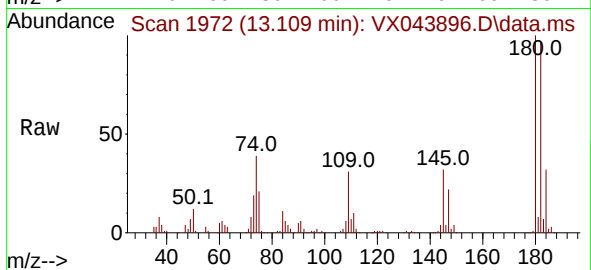
Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 114202

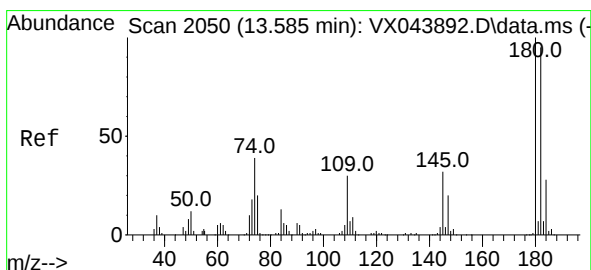
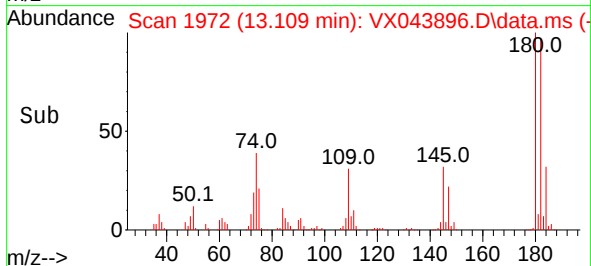
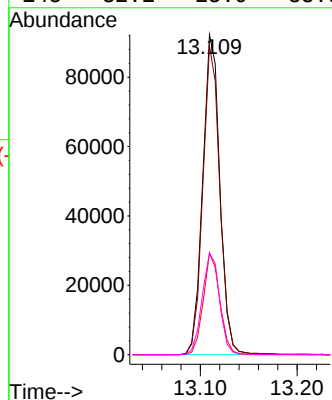
Ion Ratio Lower Upper

180 100

182 95.3 76.7 115.1

184 30.6 24.2 36.4

145 32.1 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 43.616 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

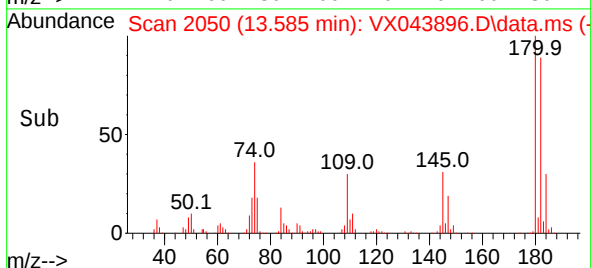
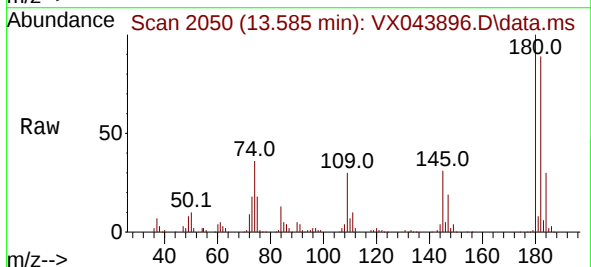
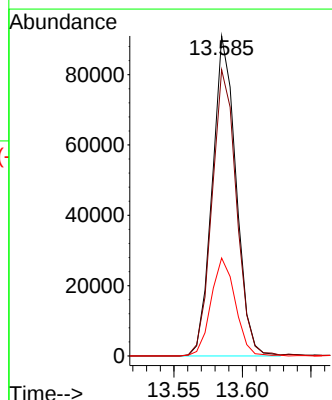
Tgt Ion:180 Resp: 109419

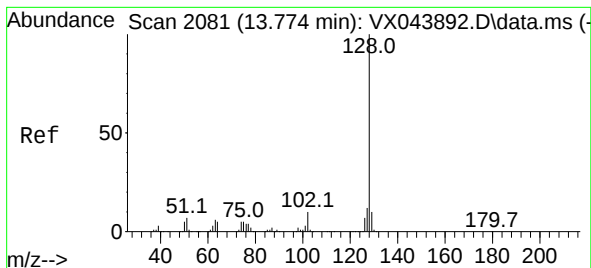
Ion Ratio Lower Upper

180 100

182 91.9 74.1 111.1

145 31.3 25.3 37.9





#71

Naphthalene

Concen: 47.419 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Instrument :

MSVOA_X

ClientSampleId :

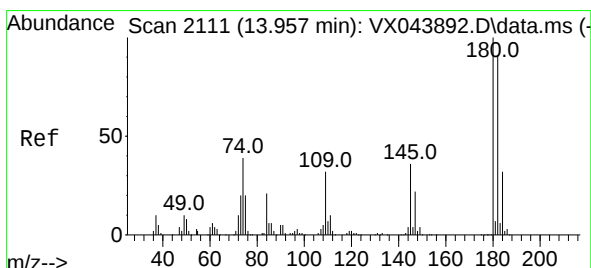
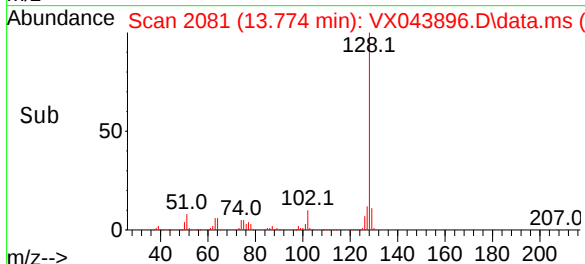
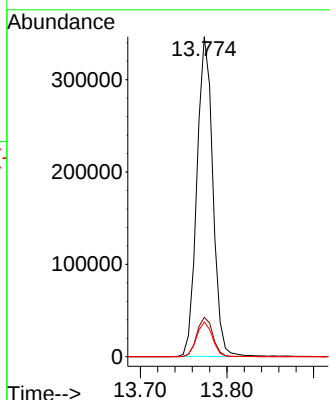
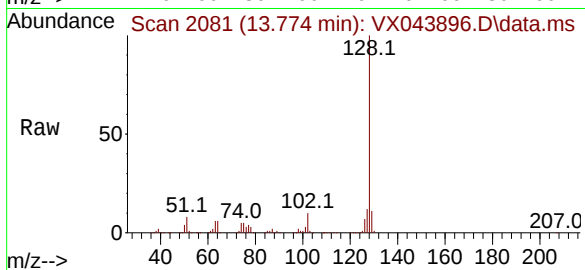
Tgt Ion:128 Resp: 442533

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 46.469 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX043896.D

Acq: 19 Nov 2024 12:39

Tgt Ion:180 Resp: 117460

Ion Ratio Lower Upper

180 100

182 96.6 73.8 110.6

145 35.3 27.4 41.2

