

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043515.D
 Acq On : 25 Oct 2024 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 01:31:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 00:05:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	282298	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	252019	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	121610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	75189	48.962	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.920%
7) Chloroethane-d5	1.666	69	64139	52.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.300%
11) 1,1-Dichloroethene-d2	2.306	65	37006	51.030	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.060%
21) 2-Butanone-d5	4.458	46	128600	100.533	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.530%
24) Chloroform-d	5.056	84	184235	51.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.740%
26) 1,2-Dichloroethane-d4	5.952	65	122335	51.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.520%
32) Benzene-d6	5.970	84	329601	51.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
36) 1,2-Dichloropropane-d6	7.305	67	105051	52.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.500%
41) Toluene-d8	8.646	98	303617	51.838	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.680%
43) trans-1,3-Dichloroprop...	8.951	79	54198	51.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.460%
47) 2-Hexanone-d5	9.384	63	108123	109.469	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.470%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	157399	53.091	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.180%
66) 1,2-Dichlorobenzene-d4	12.317	152	114041	51.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108083	49.296	ug/L	100
3) Chloromethane	1.300	50	100182	49.678	ug/L	98
5) Vinyl chloride	1.373	62	98996	49.657	ug/L	96
6) Bromomethane	1.605	94	64785	55.055	ug/L	99
8) Chloroethane	1.684	64	60048	50.797	ug/L	98
9) Trichlorofluoromethane	1.885	101	144799	48.686	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	86263	48.434	ug/L	99
12) 1,1-Dichloroethene	2.318	96	78285	50.168	ug/L	95
13) Acetone	2.379	43	109535	94.051	ug/L	98
14) Carbon disulfide	2.513	76	195700	50.993	ug/L	100
15) Methyl Acetate	2.702	43	111712	51.528	ug/L	99
16) Methylene chloride	2.788	84	92979	51.442	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	83277	50.750	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	321031	52.663	ug/L	99
19) 1,1-Dichloroethane	3.611	63	166520	51.473	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	101404	51.794	ug/L	99
22) 2-Butanone	4.556	43	163189	106.427	ug/L	98
23) Bromochloromethane	4.897	128	52272	50.963	ug/L	95
25) Chloroform	5.092	83	180667	51.580	ug/L	97

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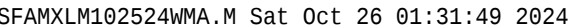
Instrument :
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 ClientSampleId :

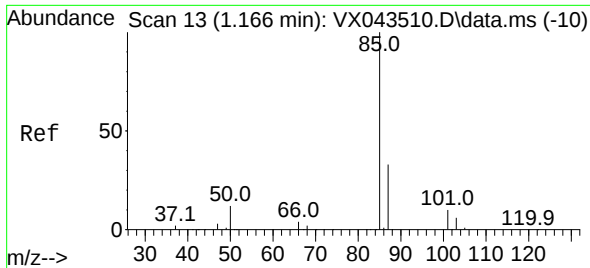
Quant Time: Oct 26 01:31:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 00:05:57 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	146717	51.647	ug/L	99
29) Cyclohexane	5.464	56	142135	49.249	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	156902	50.475	ug/L	99
31) Carbon tetrachloride	5.677	117	132445	49.636	ug/L	100
33) Benzene	6.037	78	356167	51.800	ug/L	100
34) Trichloroethene	7.122	95	96190	50.935	ug/L	98
35) Methylcyclohexane	7.378	83	143730	49.462	ug/L	99
37) 1,2-Dichloropropane	7.427	63	95522	52.144	ug/L	99
38) Bromodichloromethane	7.817	83	132244	52.436	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	161816	53.437	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	309556	108.456	ug/L	99
42) Toluene	8.714	91	379703	52.169	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	155142	54.711	ug/L	98
45) 1,1,2-Trichloroethane	9.152	97	98000	51.959	ug/L	99
46) Tetrachloroethene	9.274	164	68760	50.798	ug/L	95
48) 2-Hexanone	9.427	43	237581	108.969	ug/L	98
49) Dibromochloromethane	9.518	129	101415	54.325	ug/L	98
50) 1,2-Dibromoethane	9.610	107	107570	53.382	ug/L	96
51) Chlorobenzene	10.079	112	248510	51.713	ug/L	99
52) Ethylbenzene	10.195	91	420504	51.499	ug/L	97
53) m,p-Xylene	10.299	106	160043	52.422	ug/L	99
54) o-Xylene	10.640	106	158692	51.899	ug/L	99
55) Styrene	10.652	104	277426	54.002	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	157501	52.919	ug/L	100
59) Bromoform	10.799	173	68192	51.988	ug/L	99
60) Isopropylbenzene	10.963	105	421865	50.490	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	124998	51.727	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	354766	51.761	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	353412	51.503	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	189325	52.202	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	191027	51.729	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	187637	52.036	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.938	75	36667	53.514	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	126266	51.817	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	120891	52.967	ug/L	99
71) Naphthalene	13.774	128	459503	53.323	ug/L	100
72) 1,2,3-Trichlorobenzene	13.956	180	121980	53.415	ug/L	97

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

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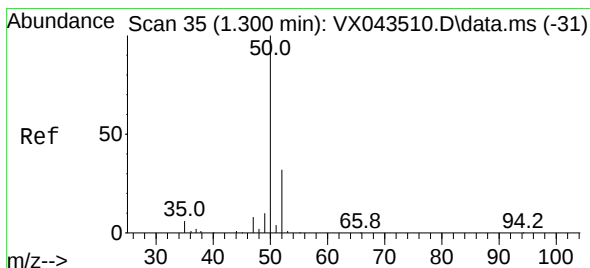
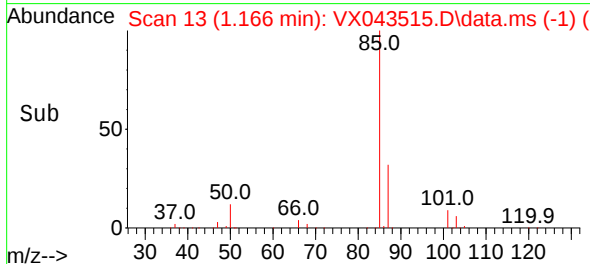
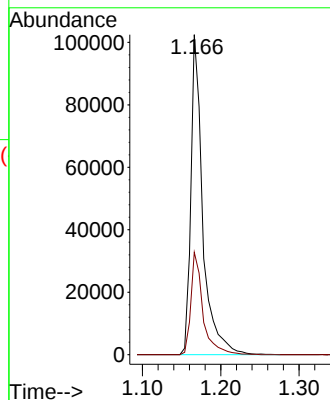
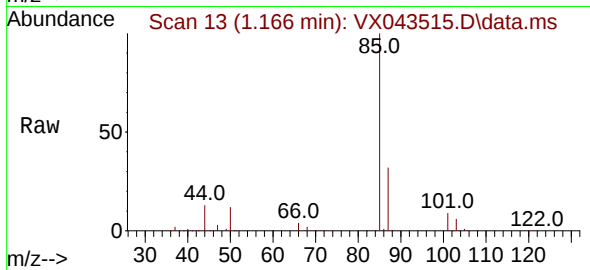




#2
 Dichlorodifluoromethane
 Concen: 49.296 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043515.D
 Acq: 25 Oct 2024 11:43

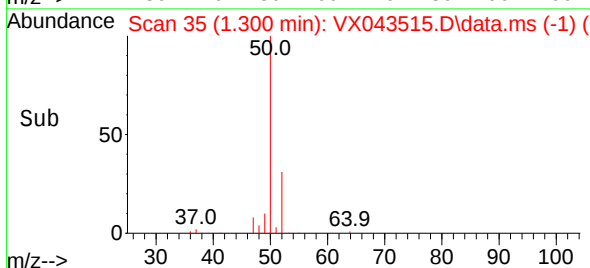
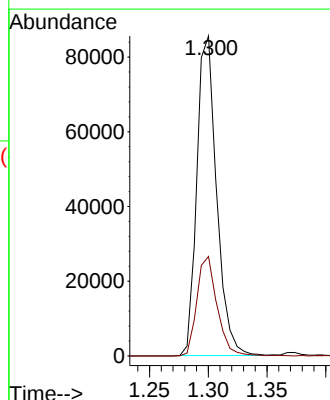
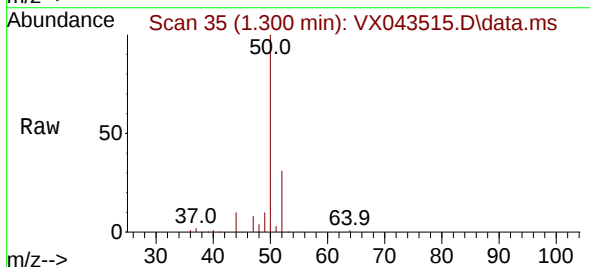
Instrument :
 MSVOA_X
 ClientSampleId :

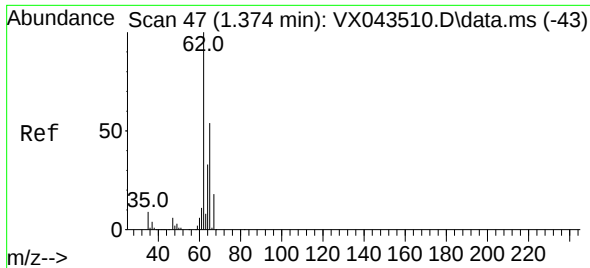
Tgt Ion: 85 Resp: 108083
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 49.678 ug/L
 RT: 1.300 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: VX043515.D
 Acq: 25 Oct 2024 11:43

Tgt Ion: 50 Resp: 100182
 Ion Ratio Lower Upper
 50 100
 52 31.1 22.6 42.0

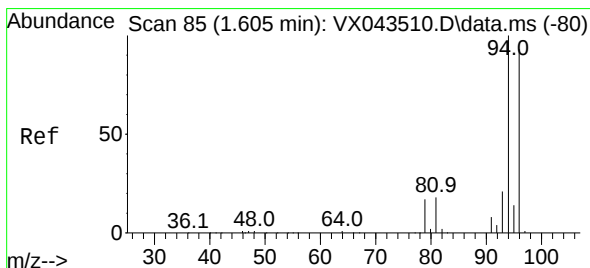
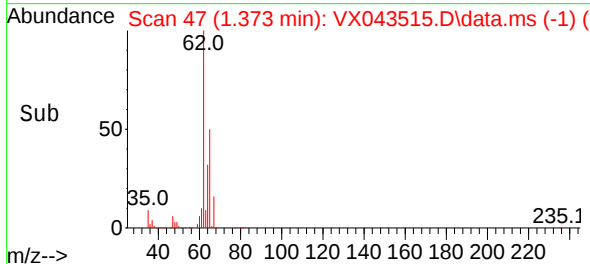
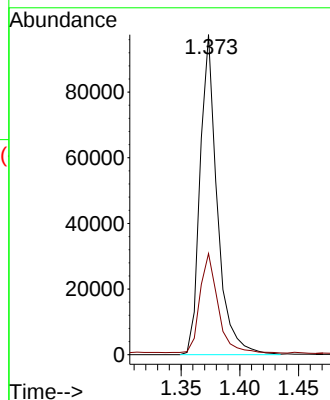
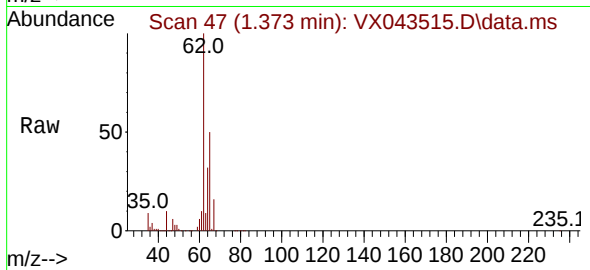




#5
 Vinyl chloride
 Concen: 49.657 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX043515.D
 Acq: 25 Oct 2024 11:43

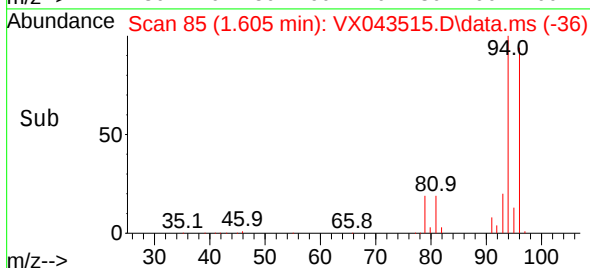
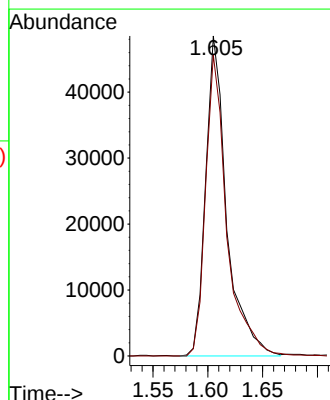
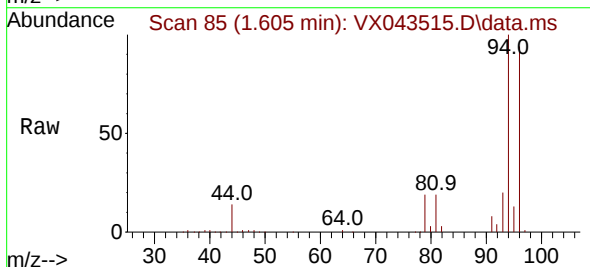
Instrument :
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 ClientSampleId :

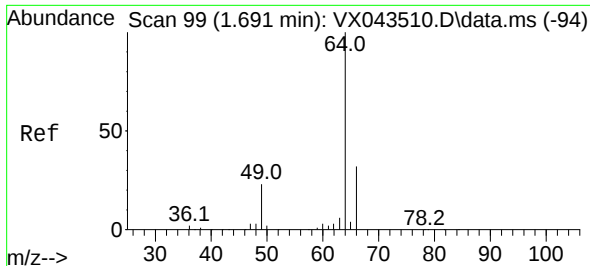
Tgt Ion: 62 Resp: 98996
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.9 44.5



#6
 Bromomethane
 Concen: 55.055 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX043515.D
 Acq: 25 Oct 2024 11:43

Tgt Ion: 94 Resp: 64785
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.2 121.2

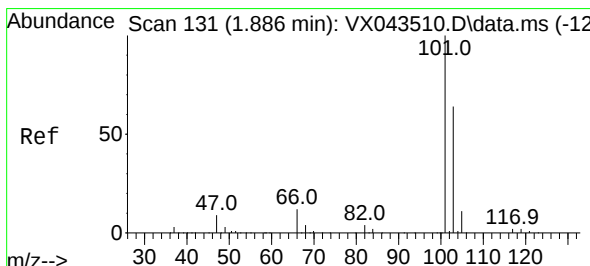
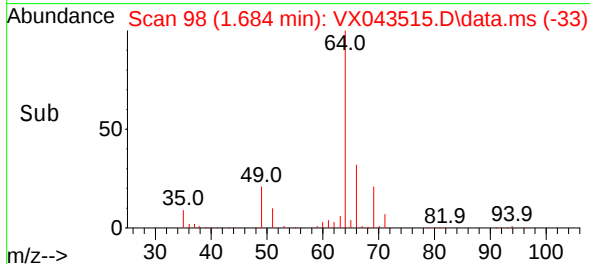
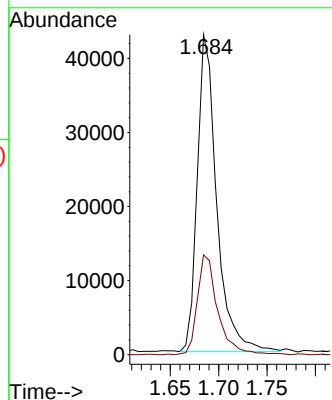
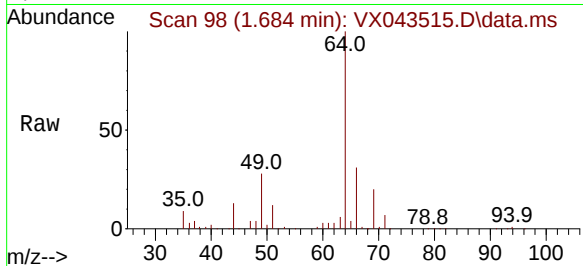




#8
Chloroethane
Concen: 50.797 ug/L
RT: 1.684 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

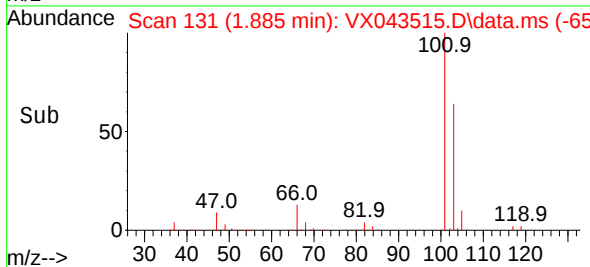
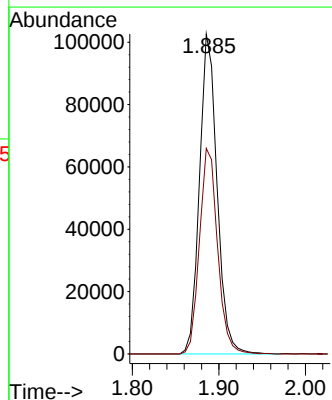
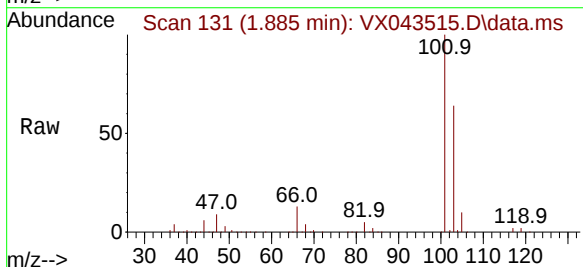
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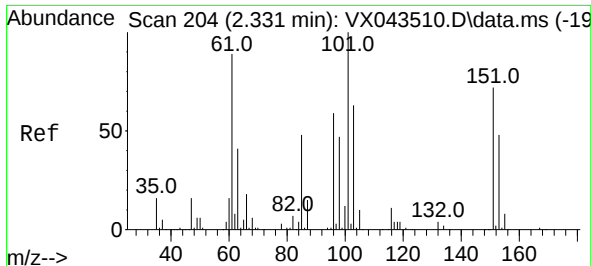
Tgt Ion: 64 Resp: 60048
Ion Ratio Lower Upper
64 100
66 31.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 48.686 ug/L
RT: 1.885 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

Tgt Ion:101 Resp: 144799
Ion Ratio Lower Upper
101 100
103 66.1 51.7 77.5





#10

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

Concen: 48.434 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

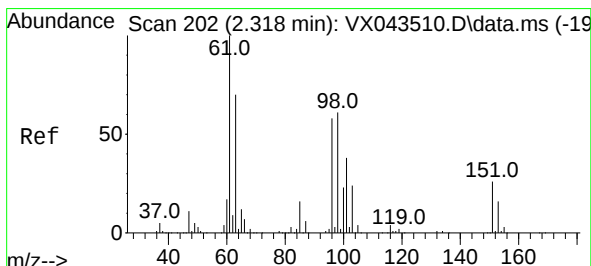
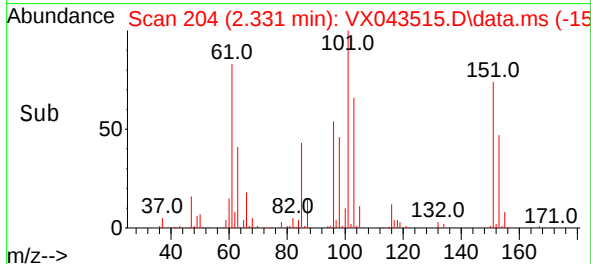
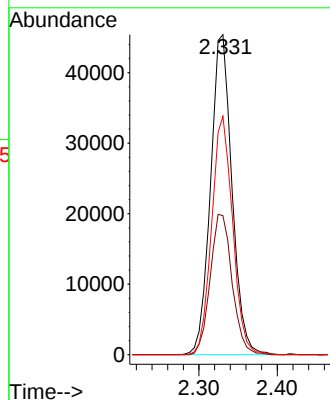
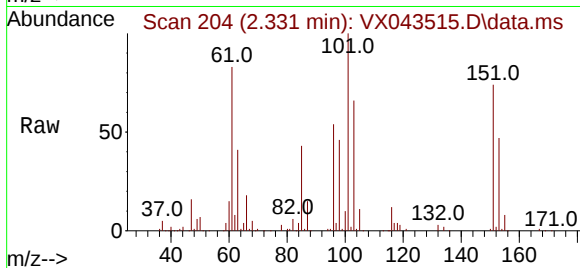
Tgt Ion:101 Resp: 86263

Ion Ratio Lower Upper

101 100

85 44.7 35.6 53.4

151 73.0 57.7 86.5



#12

1,1-Dichloroethene

Concen: 50.168 ug/L

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

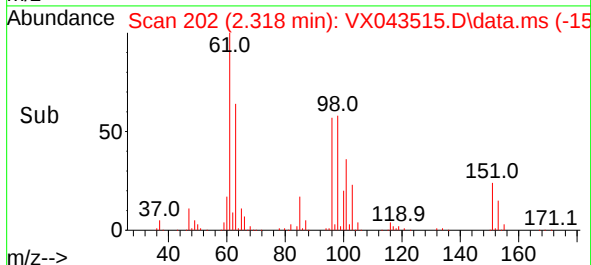
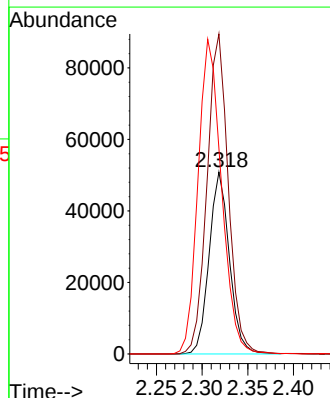
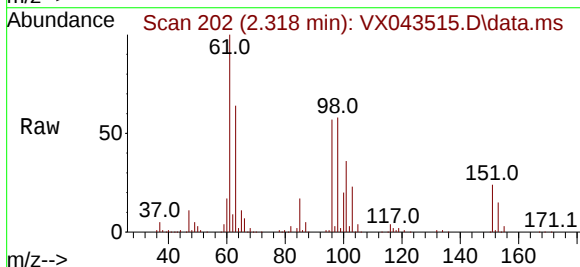
Tgt Ion: 96 Resp: 78285

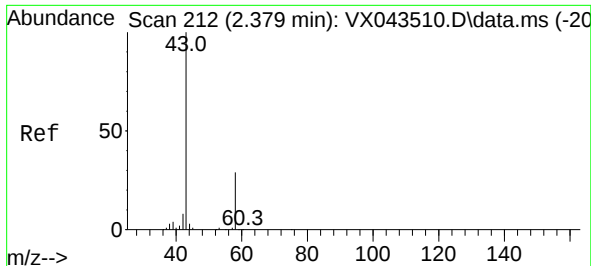
Ion Ratio Lower Upper

96 100

61 175.9 119.8 222.6

63 113.0 85.0 158.0





#13

Acetone

Concen: 94.051 ug/L

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

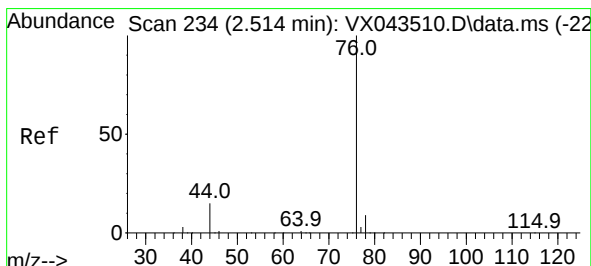
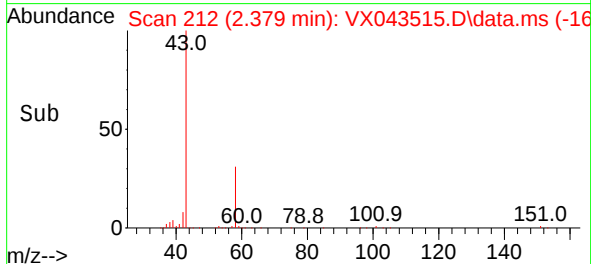
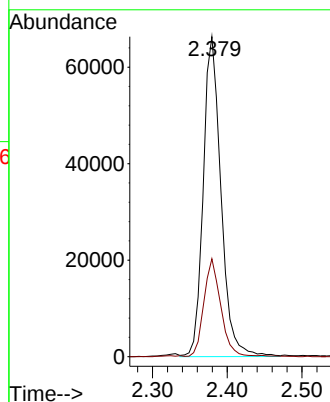
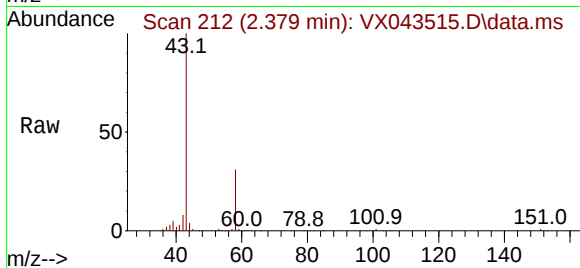
ClientSampleId :

Tgt Ion: 43 Resp: 109535

Ion Ratio Lower Upper

43 100

58 28.8 0.0 59.2



#14

Carbon disulfide

Concen: 50.993 ug/L

RT: 2.513 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX043515.D

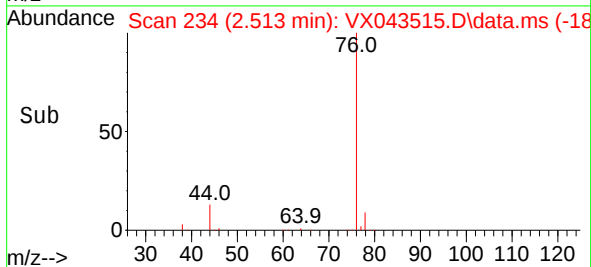
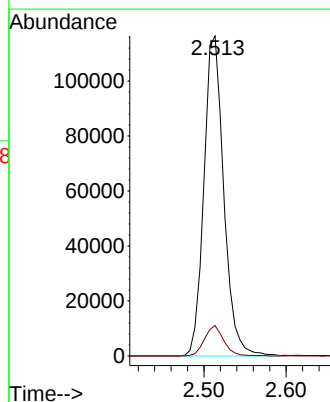
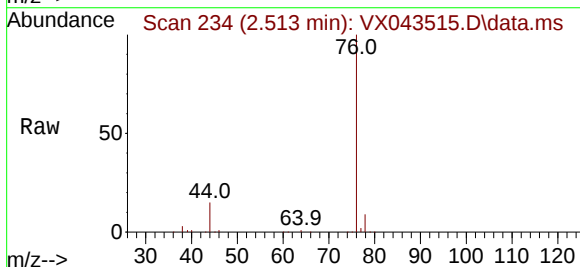
Acq: 25 Oct 2024 11:43

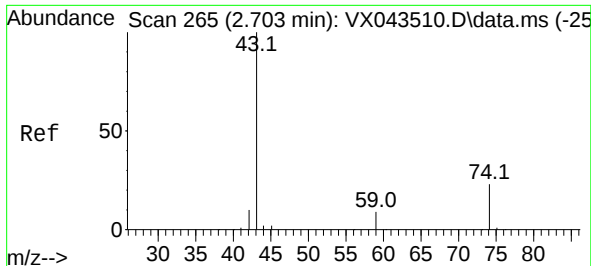
Tgt Ion: 76 Resp: 195700

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





#15

Methyl Acetate

Concen: 51.528 ug/L

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

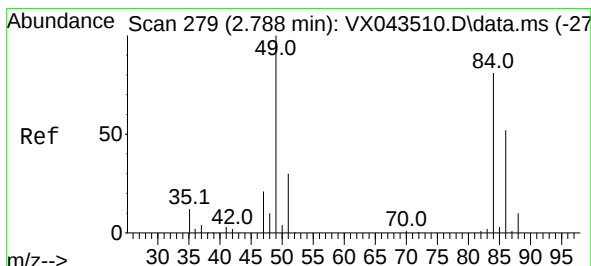
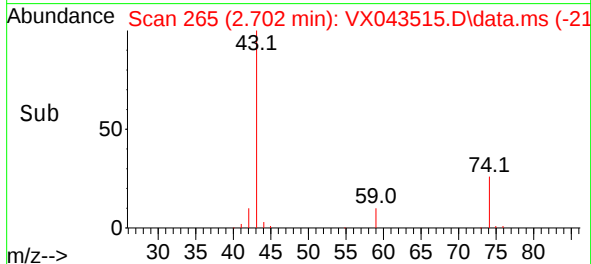
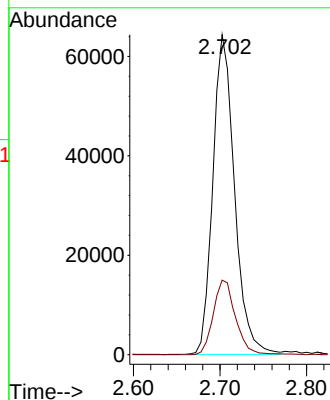
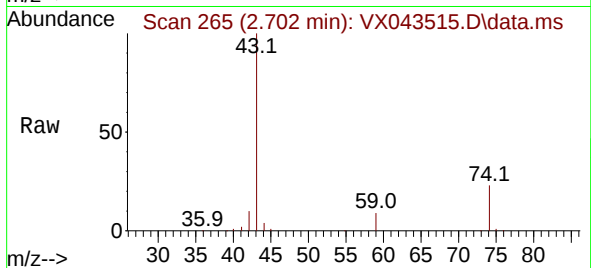
ClientSampleId :

Tgt Ion: 43 Resp: 111712

Ion Ratio Lower Upper

43 100

74 23.7 18.7 28.1



#16

Methylene chloride

Concen: 51.442 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

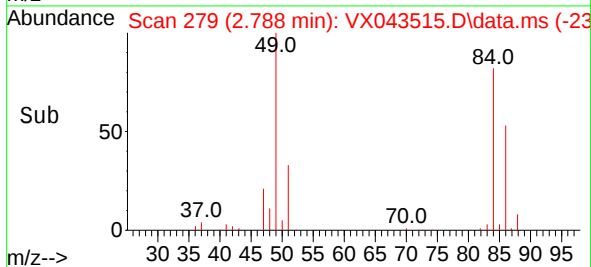
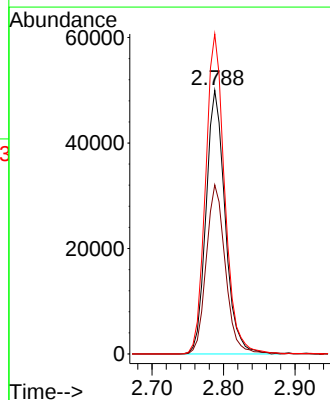
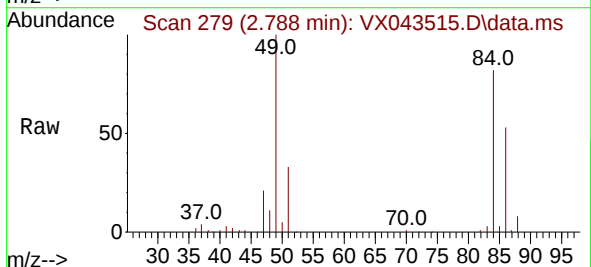
Tgt Ion: 84 Resp: 92979

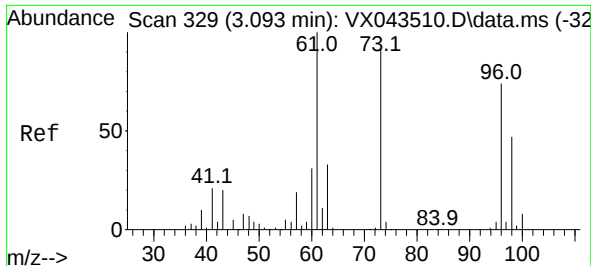
Ion Ratio Lower Upper

84 100

86 64.1 44.7 82.9

49 121.3 86.2 160.2





#17

trans-1,2-Dichloroethene

Concen: 50.750 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

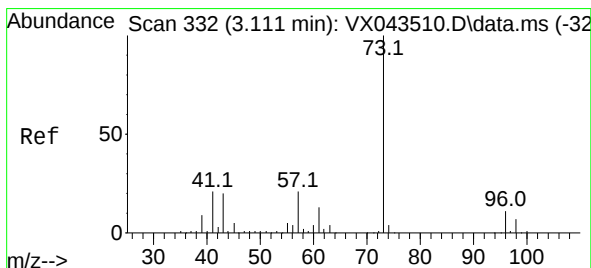
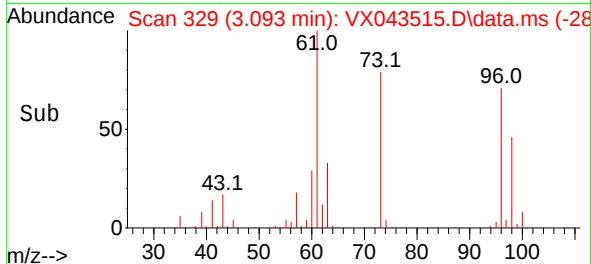
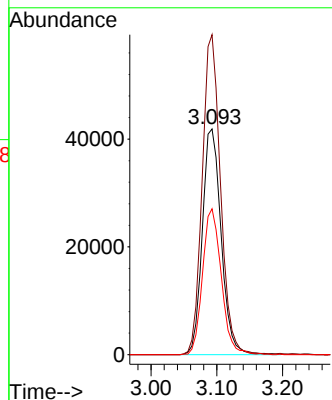
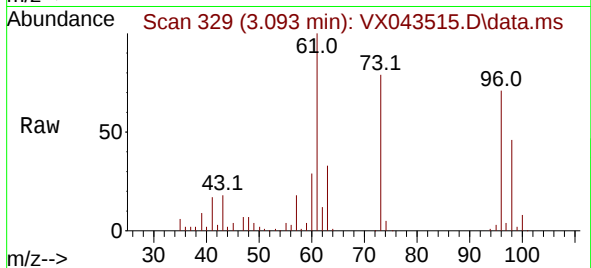
Tgt Ion: 96 Resp: 83277

Ion Ratio Lower Upper

96 100

61 141.7 94.3 175.1

98 64.6 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 52.663 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

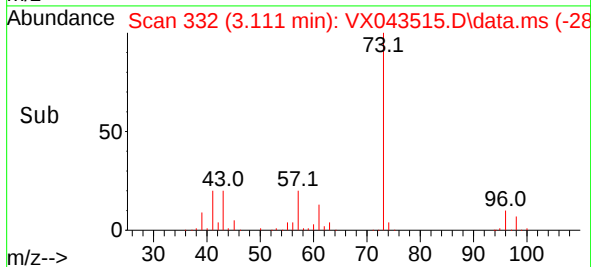
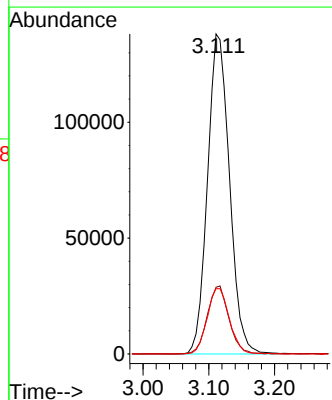
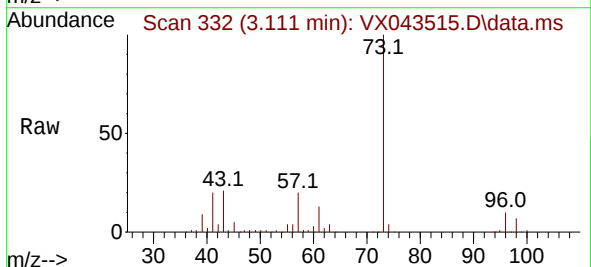
Tgt Ion: 73 Resp: 321031

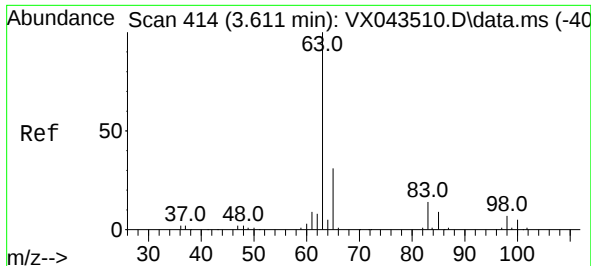
Ion Ratio Lower Upper

73 100

43 20.8 16.7 25.1

57 20.7 17.0 25.6





#19

1,1-Dichloroethane

Concen: 51.473 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

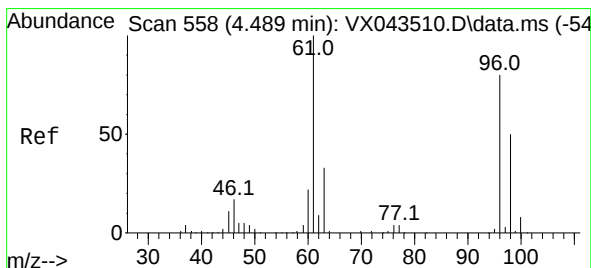
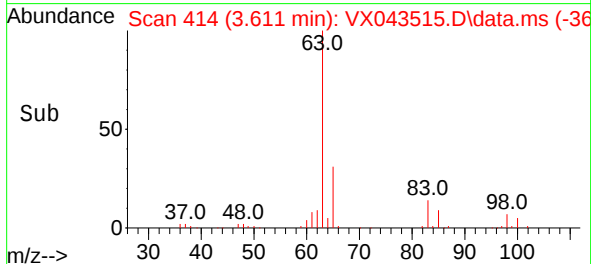
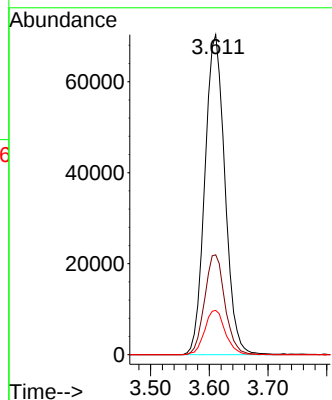
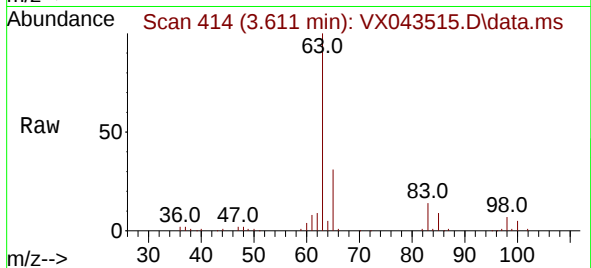
Tgt Ion: 63 Resp: 166520

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.6

83 13.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 51.794 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

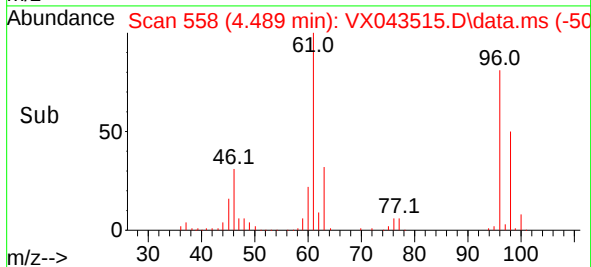
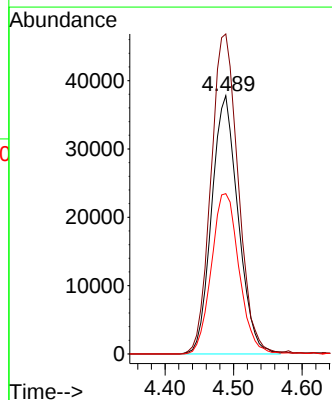
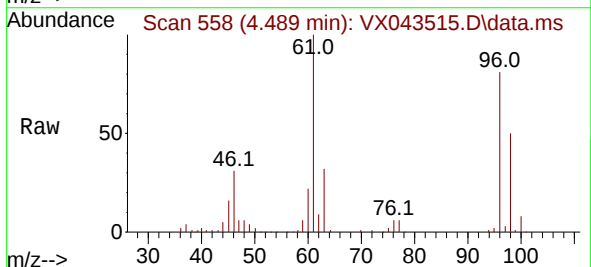
Tgt Ion: 96 Resp: 101404

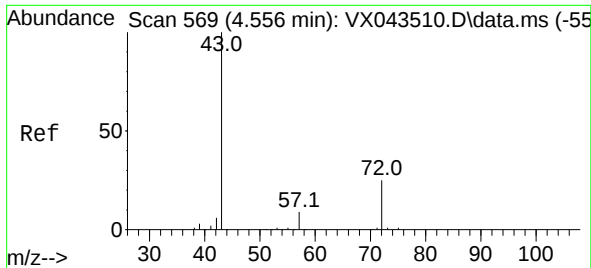
Ion Ratio Lower Upper

96 100

61 123.9 87.9 163.3

98 62.1 44.0 81.6

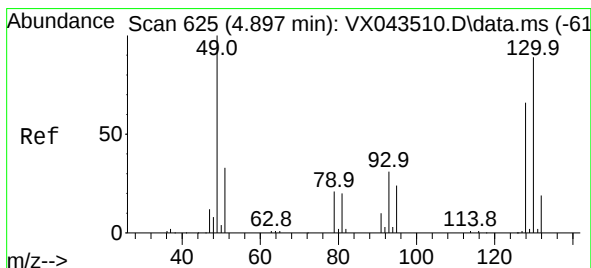
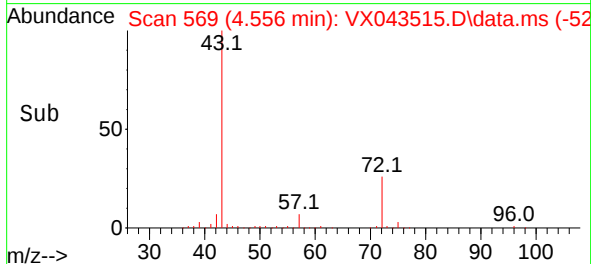
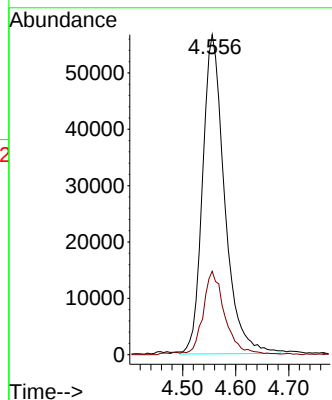
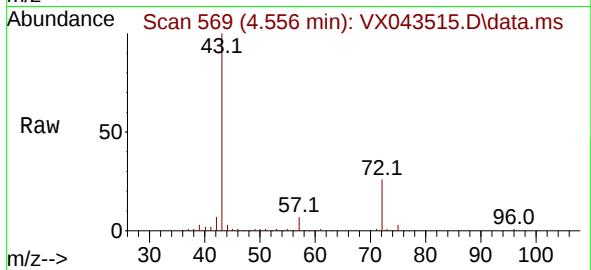




#22
2-Butanone
Concen: 106.427 ug/L
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

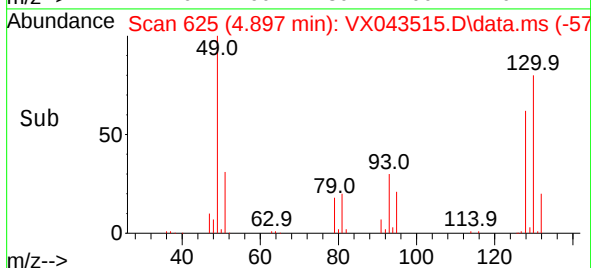
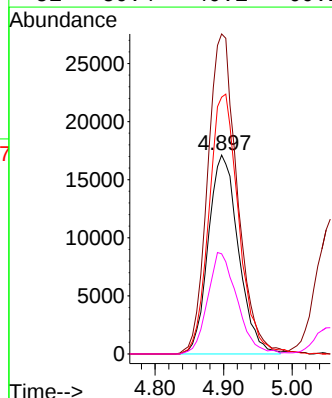
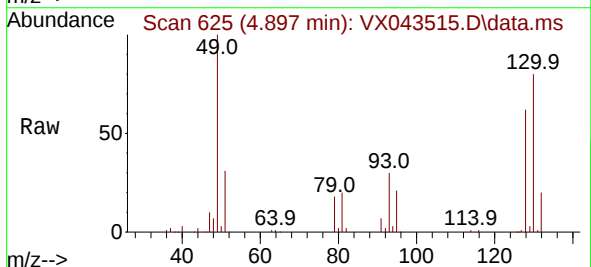
Instrument :
MSVOA_X
ClientSampleId :

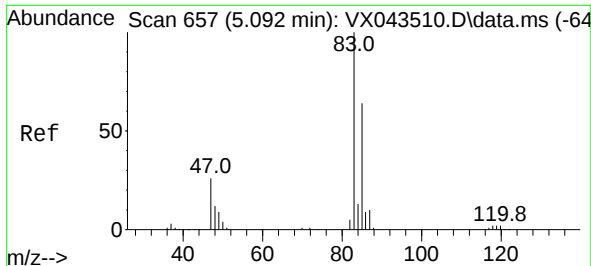
Tgt Ion: 43 Resp: 163189
Ion Ratio Lower Upper
43 100
72 25.8 13.4 40.1



#23
Bromochloromethane
Concen: 50.963 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

Tgt Ion:128 Resp: 52272
Ion Ratio Lower Upper
128 100
49 160.9 105.9 196.7
130 129.1 94.0 174.6
51 50.4 40.1 60.1





#25

Chloroform

Concen: 51.580 ug/L

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

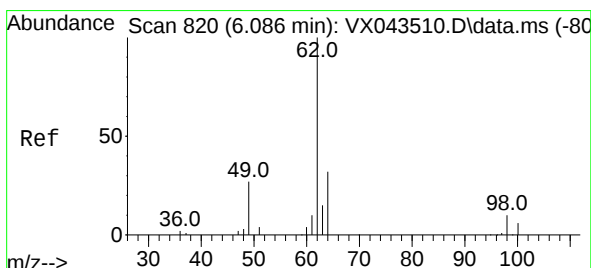
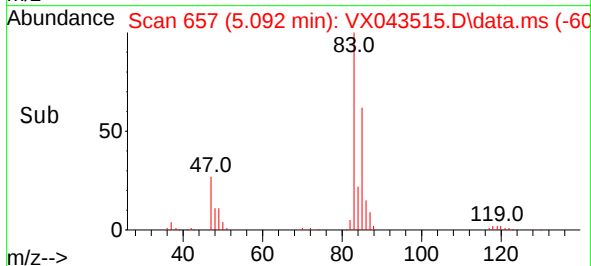
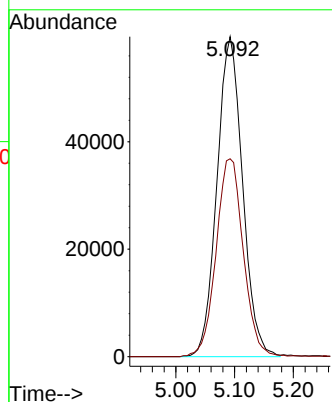
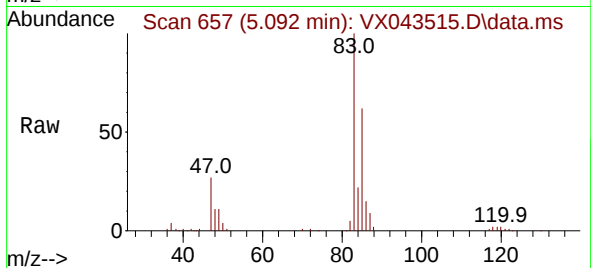
ClientSampleId :

Tgt Ion: 83 Resp: 180667

Ion Ratio Lower Upper

83 100

85 61.9 44.8 83.2



#27

1,2-Dichloroethane

Concen: 51.647 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX043515.D

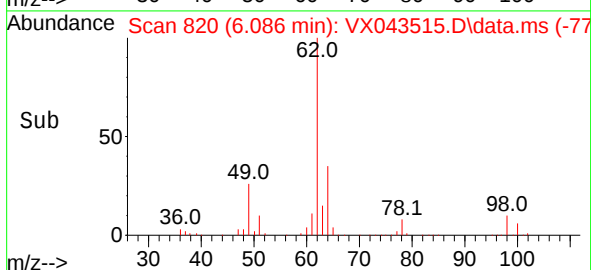
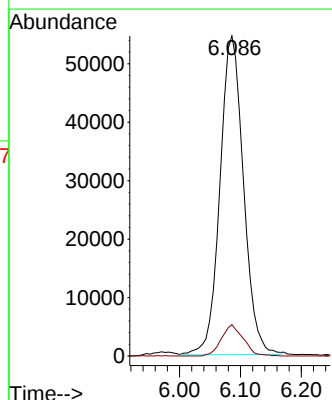
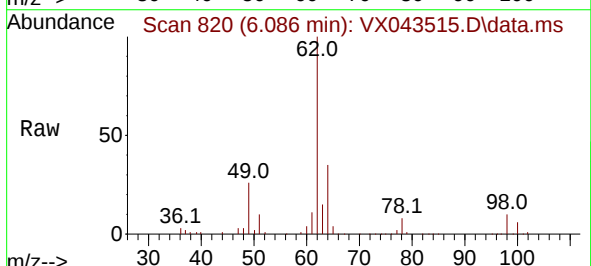
Acq: 25 Oct 2024 11:43

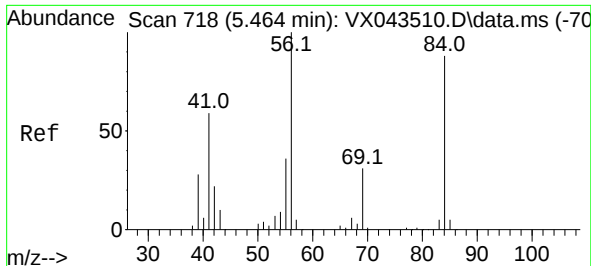
Tgt Ion: 62 Resp: 146717

Ion Ratio Lower Upper

62 100

98 9.8 8.0 12.0





#29

Cyclohexane

Concen: 49.249 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

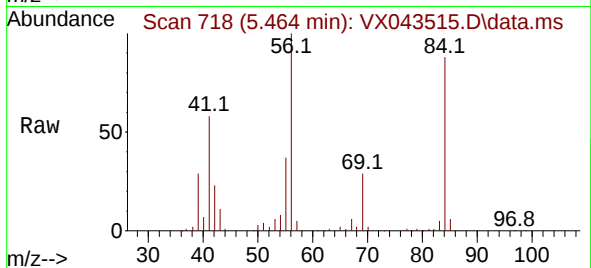
Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :



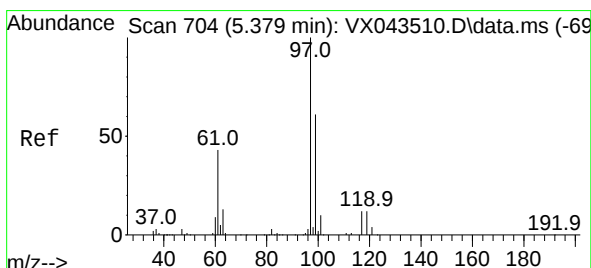
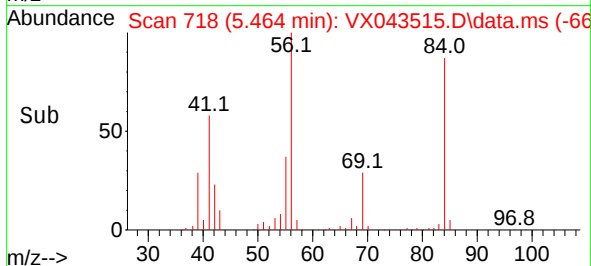
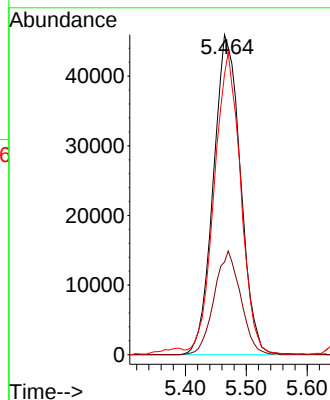
Tgt Ion: 56 Resp: 142135

Ion Ratio Lower Upper

56 100

69 31.6 25.3 37.9

84 92.1 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 50.475 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

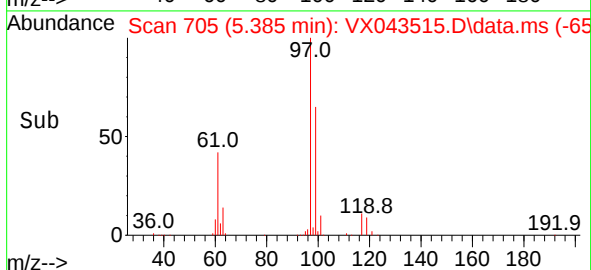
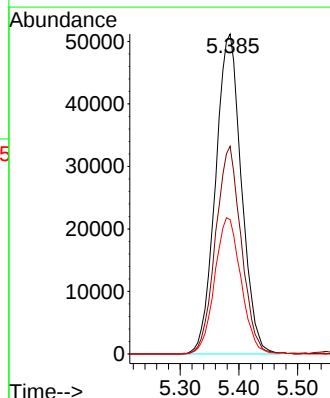
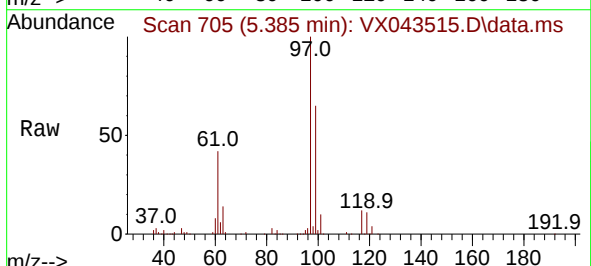
Tgt Ion: 97 Resp: 156902

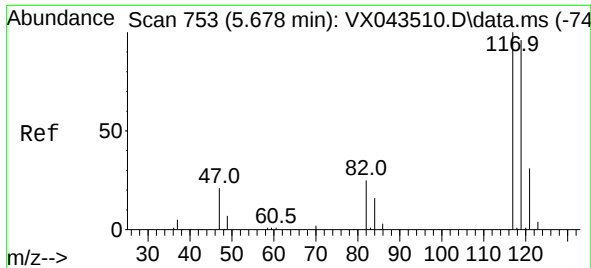
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 43.2 34.6 52.0

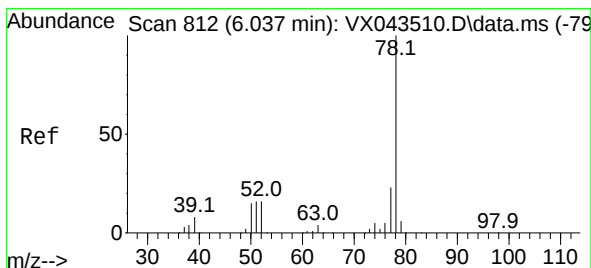
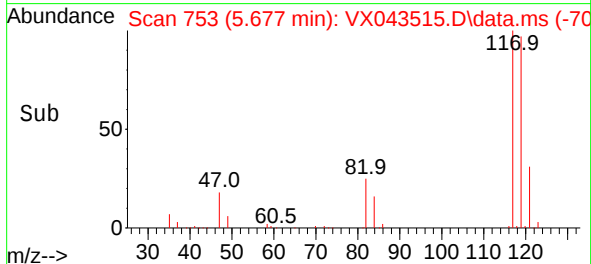
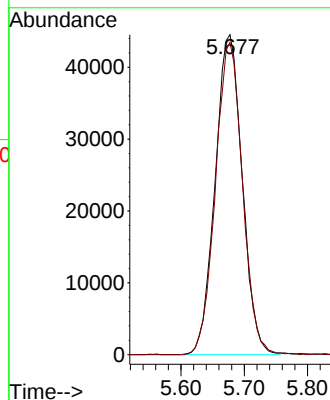
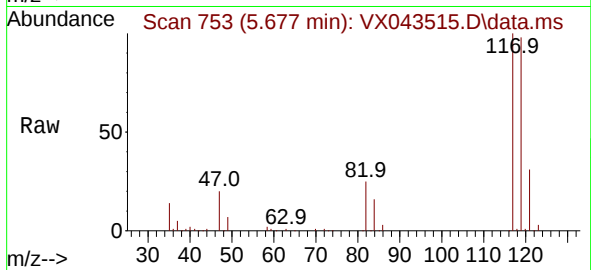




#31
Carbon tetrachloride
Concen: 49.636 ug/L
RT: 5.677 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

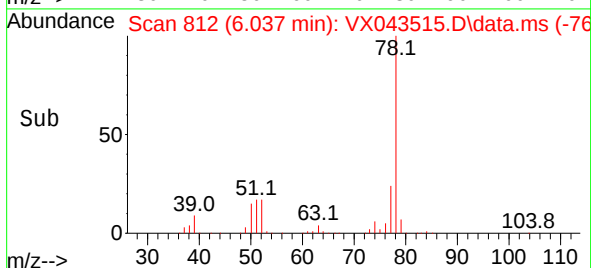
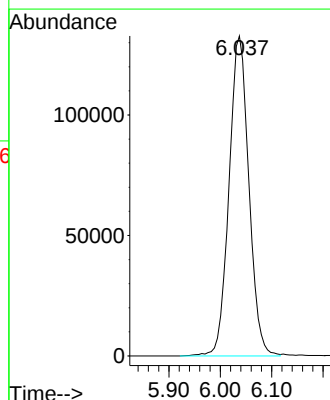
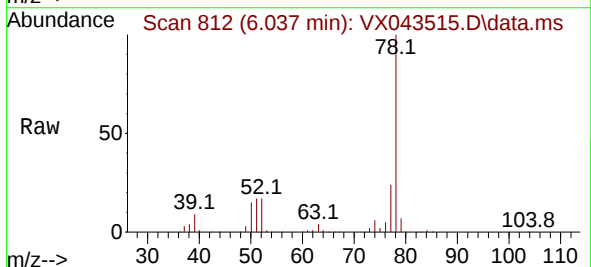
Instrument :
MSVOA_X
ClientSampleId :

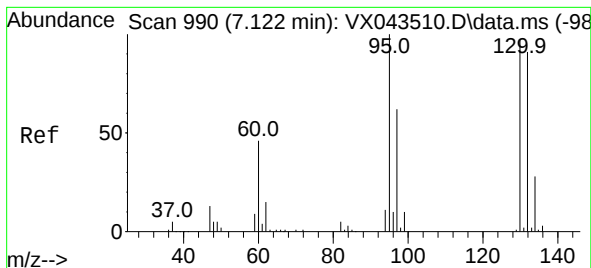
Tgt Ion:117 Resp: 132445
Ion Ratio Lower Upper
117 100
119 97.2 78.0 117.0



#33
Benzene
Concen: 51.800 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

Tgt Ion: 78 Resp: 356167





#34

Trichloroethene

Concen: 50.935 ug/L

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

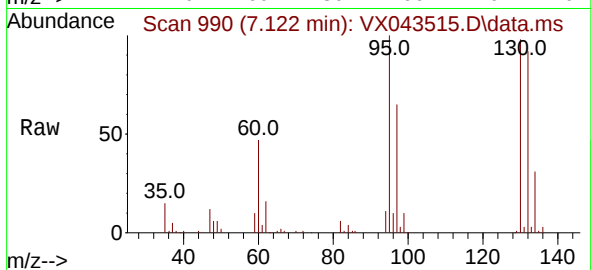
Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 96190

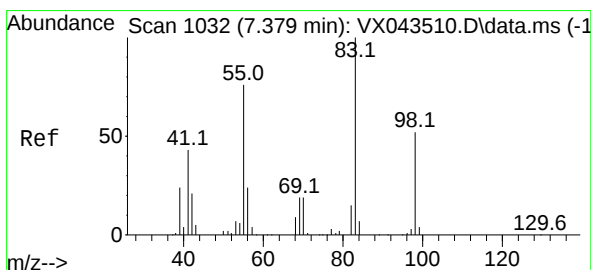
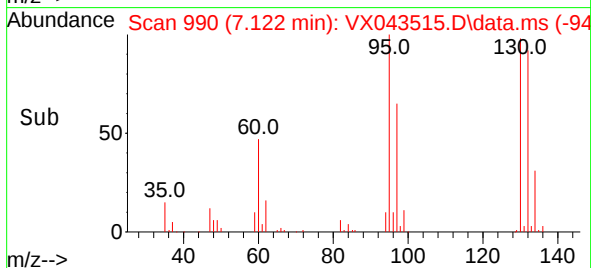
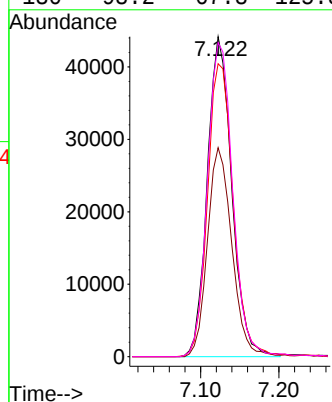
Ion Ratio Lower Upper

95 100

97 65.3 43.3 80.5

132 91.6 63.7 118.3

130 98.2 67.8 125.8



#35

Methylcyclohexane

Concen: 49.462 ug/L

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

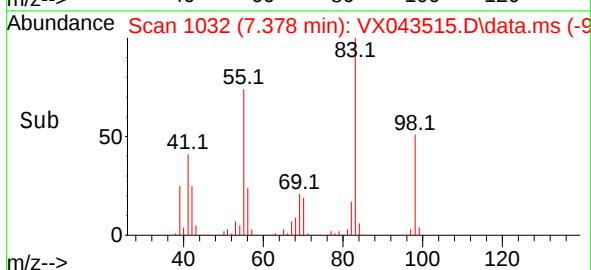
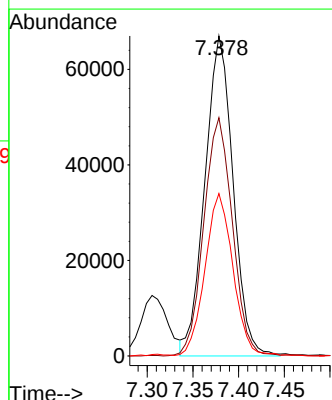
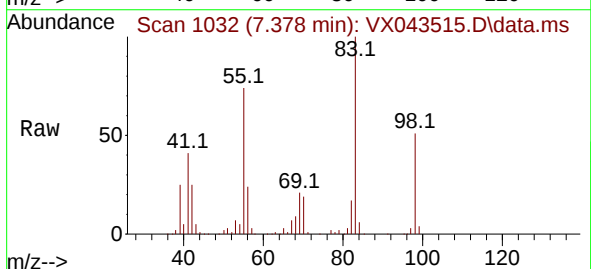
Tgt Ion: 83 Resp: 143730

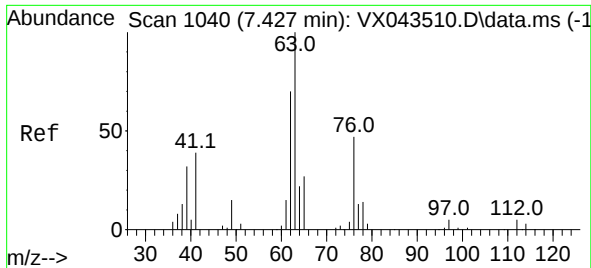
Ion Ratio Lower Upper

83 100

55 75.5 60.6 91.0

98 49.9 41.0 61.6





#37

1,2-Dichloropropane

Concen: 52.144 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

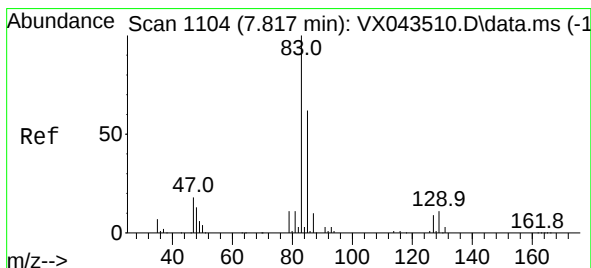
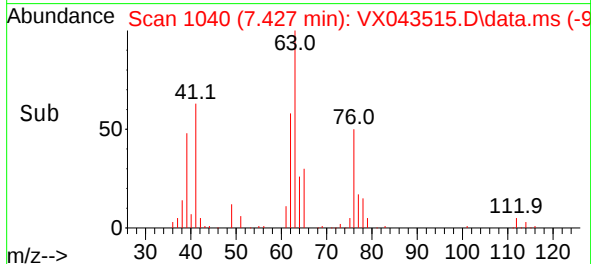
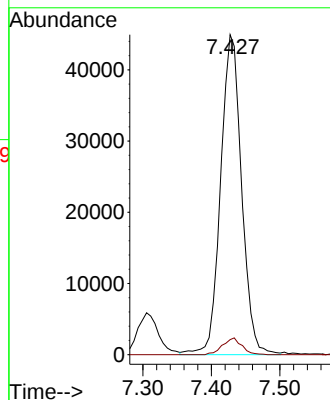
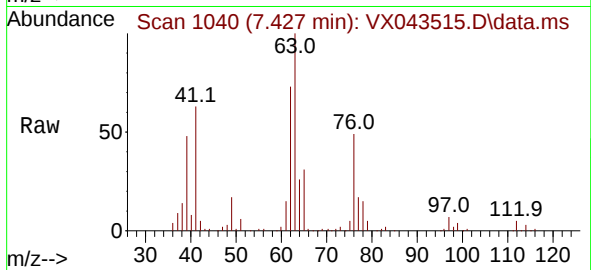
ClientSampleId :

Tgt Ion: 63 Resp: 95522

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 52.436 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

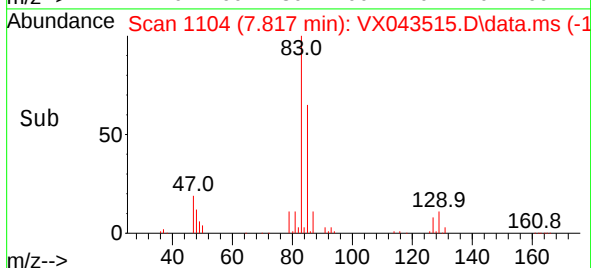
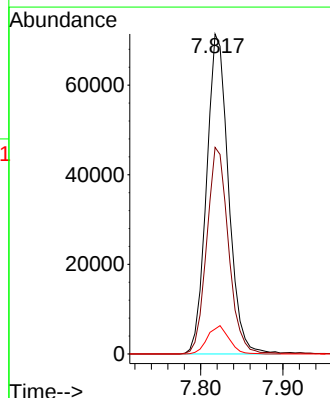
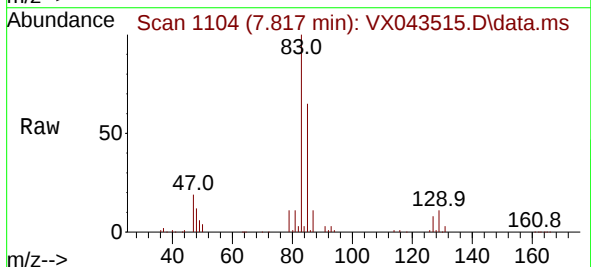
Tgt Ion: 83 Resp: 132244

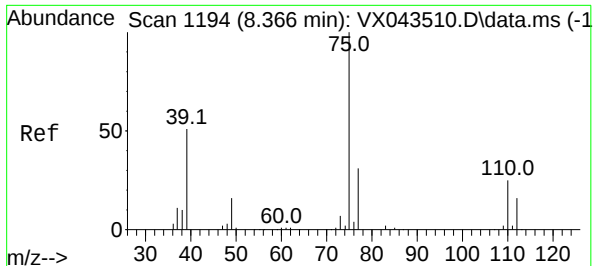
Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.9

127 7.8 7.0 10.6

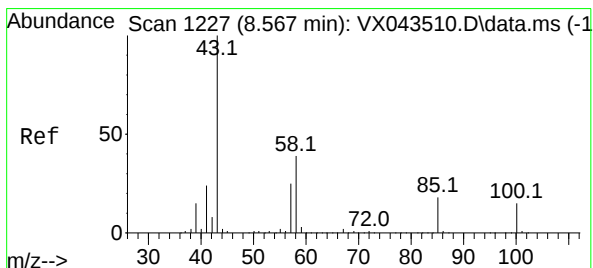
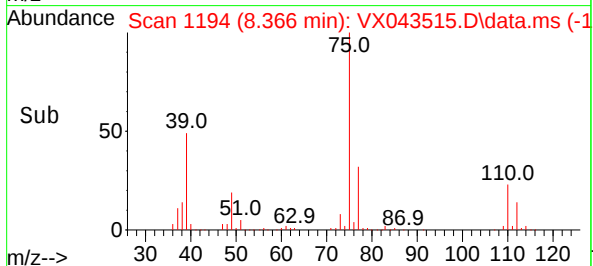
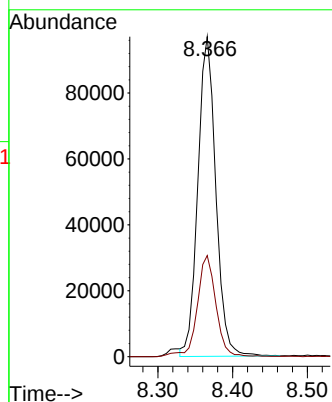
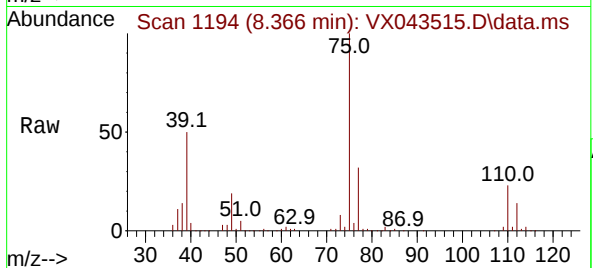




#39
cis-1,3-Dichloropropene
Concen: 53.437 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

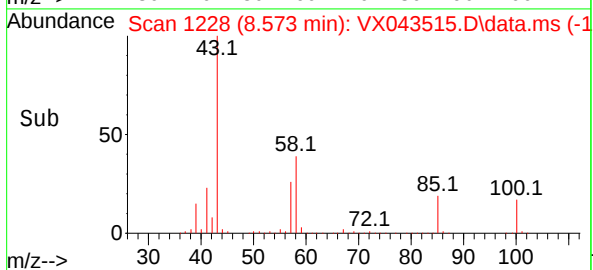
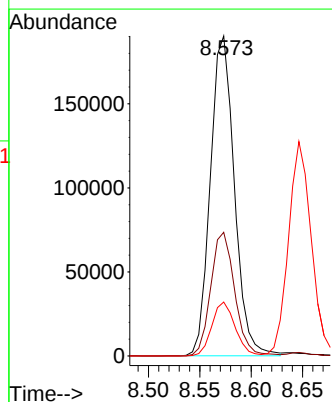
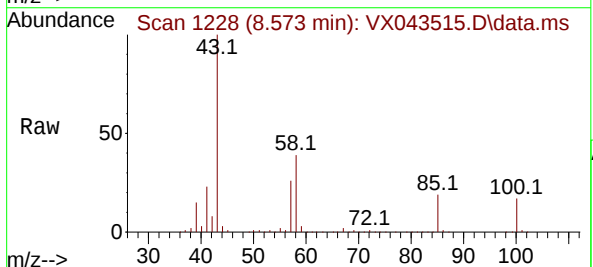
Instrument :
MSVOA_X
ClientSampleId :

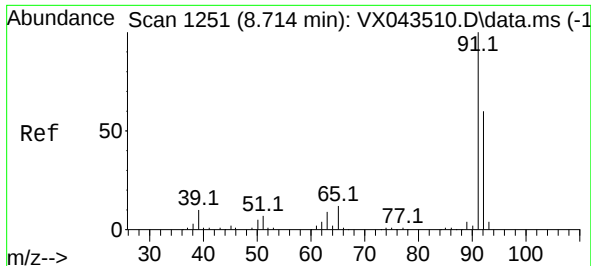
Tgt Ion: 75 Resp: 161816
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 108.456 ug/L
RT: 8.573 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

Tgt Ion: 43 Resp: 309556
Ion Ratio Lower Upper
43 100
58 38.5 31.1 46.7
100 16.4 13.0 19.4





#42

Toluene

Concen: 52.169 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

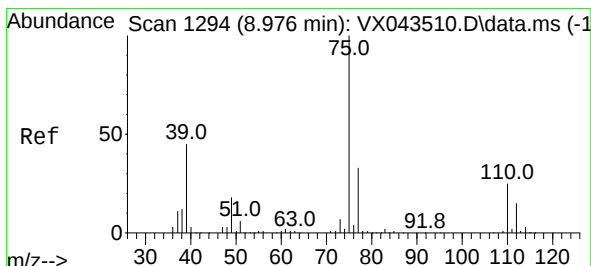
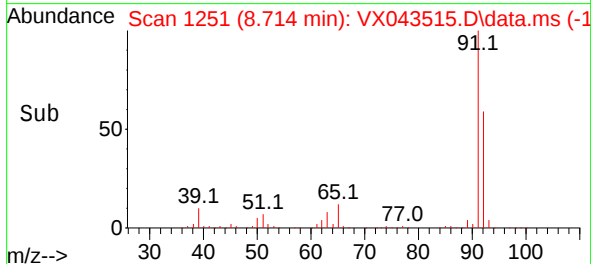
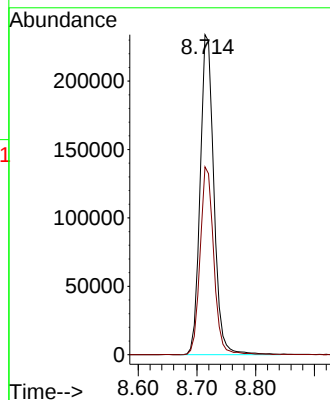
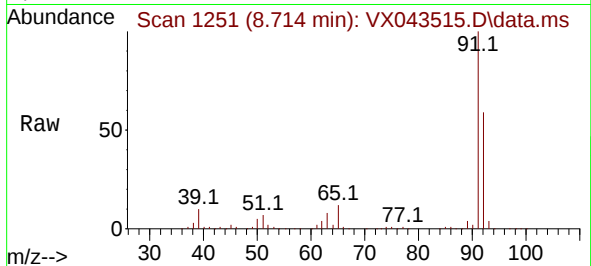
ClientSampleId :

Tgt Ion: 91 Resp: 379703

Ion Ratio Lower Upper

91 100

92 58.7 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 54.711 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX043515.D

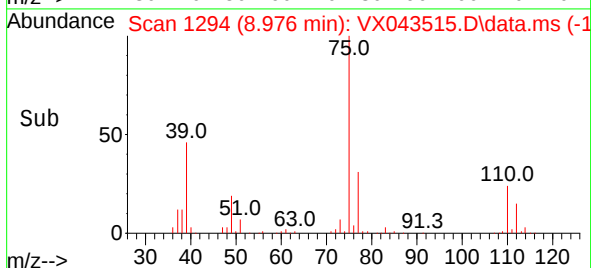
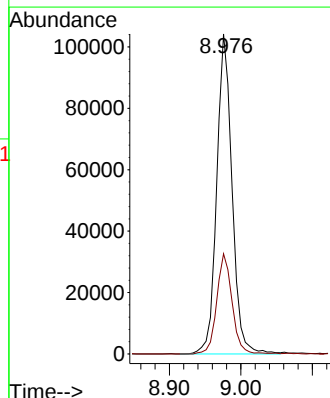
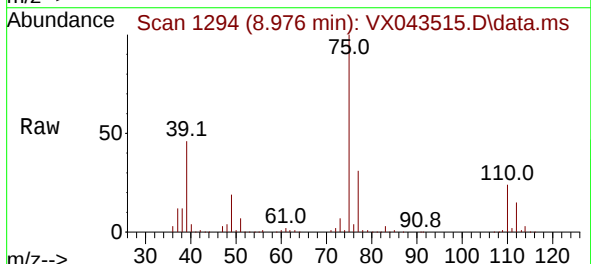
Acq: 25 Oct 2024 11:43

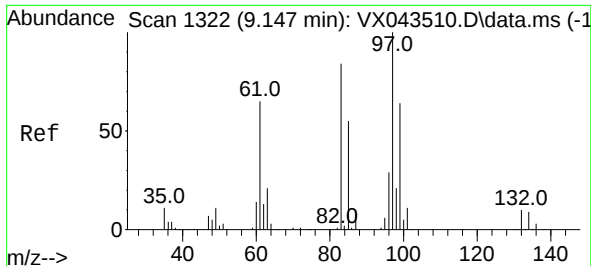
Tgt Ion: 75 Resp: 155142

Ion Ratio Lower Upper

75 100

77 31.3 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 51.959 ug/L

RT: 9.152 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 98000

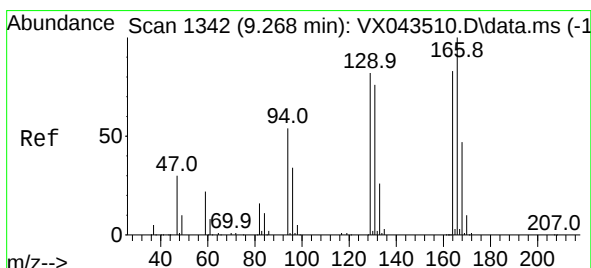
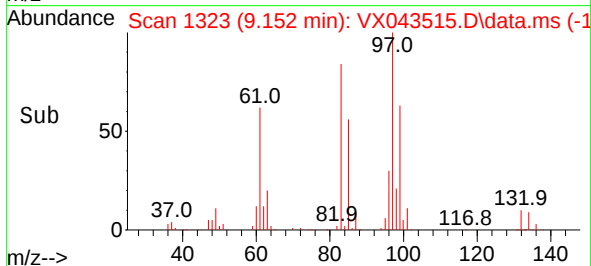
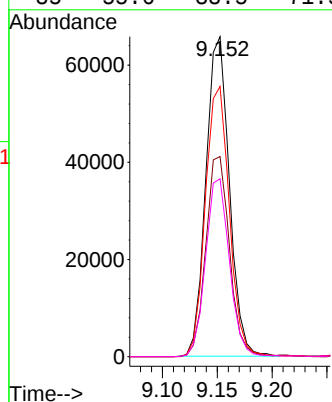
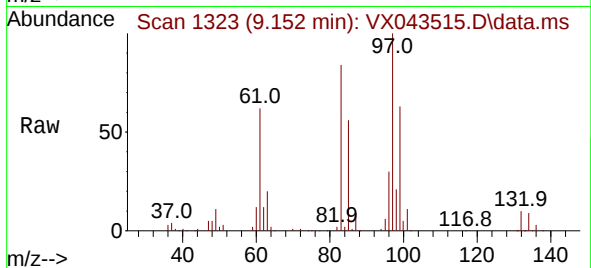
Ion Ratio Lower Upper

97 100

99 62.5 44.7 83.1

83 84.4 58.9 109.3

85 55.6 38.5 71.5



#46

Tetrachloroethene

Concen: 50.798 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Tgt Ion:164 Resp: 68760

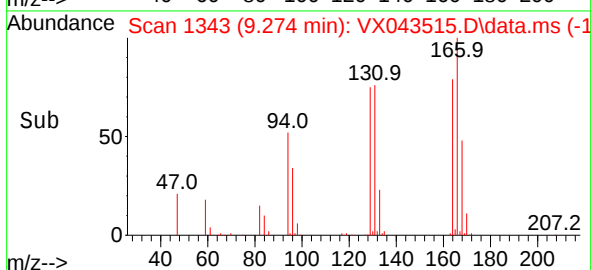
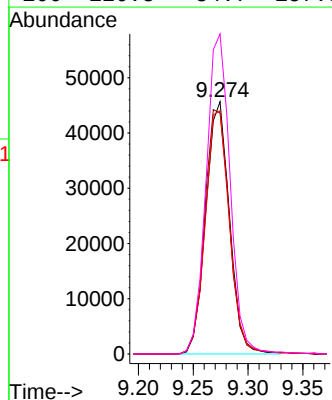
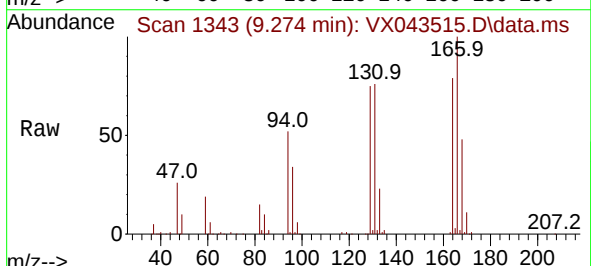
Ion Ratio Lower Upper

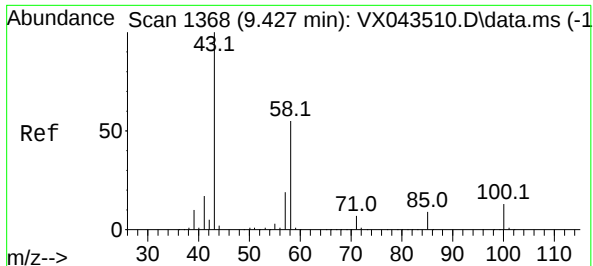
164 100

129 95.5 69.9 129.9

131 96.4 64.0 119.0

166 126.8 84.7 157.3



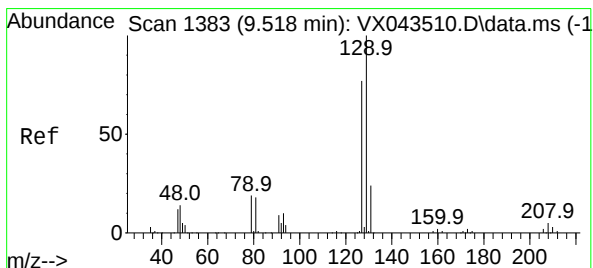
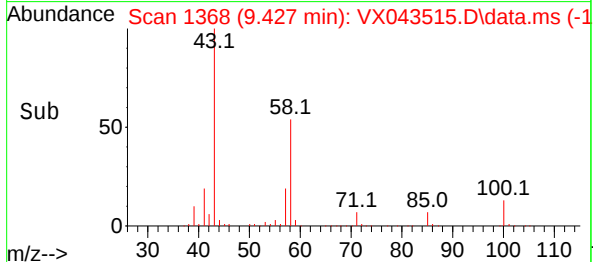
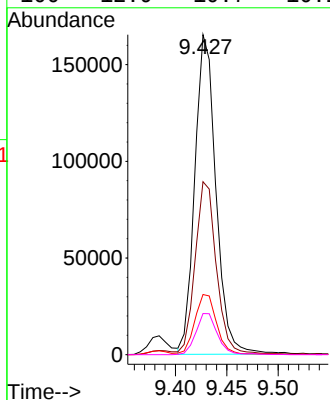
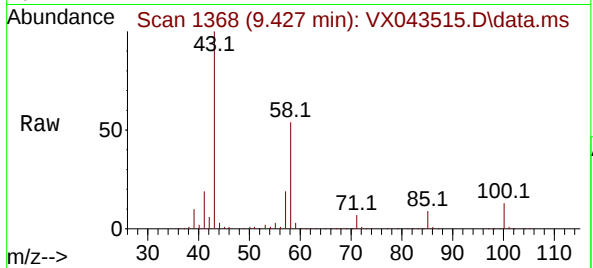


#48
2-Hexanone
Concen: 108.969 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 237581

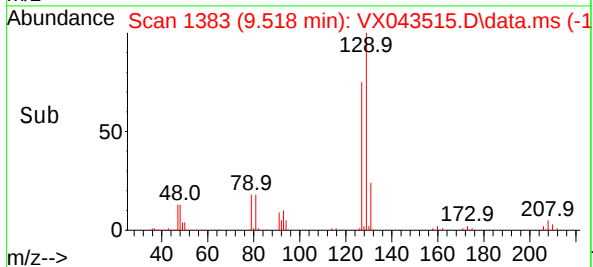
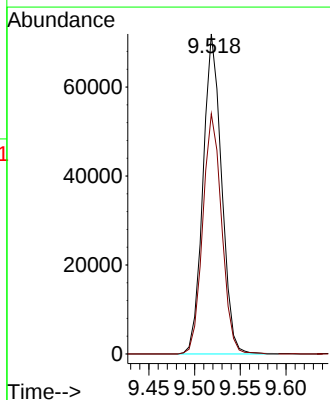
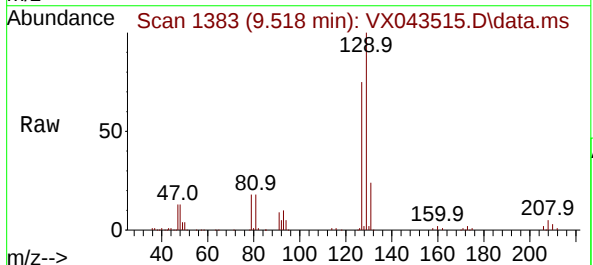
Ion	Ratio	Lower	Upper
43	100		
58	54.4	44.6	67.0
57	19.0	16.2	24.2
100	12.9	10.7	16.1

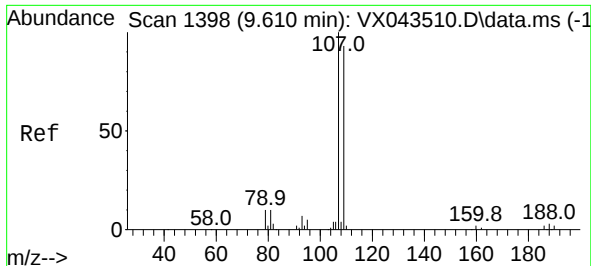


#49
Dibromochloromethane
Concen: 54.325 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

Tgt Ion: 129 Resp: 101415

Ion	Ratio	Lower	Upper
129	100		
127	75.1	54.0	100.4

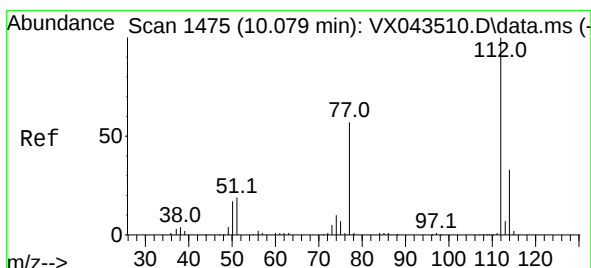
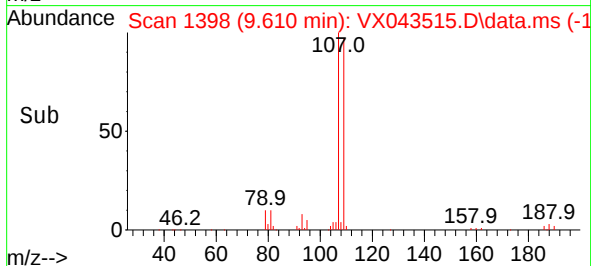
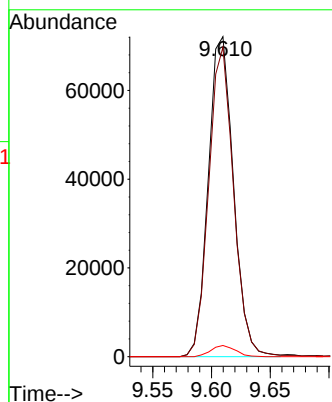
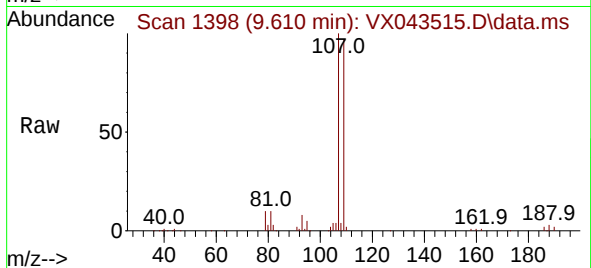




#50
1,2-Dibromoethane
Concen: 53.382 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

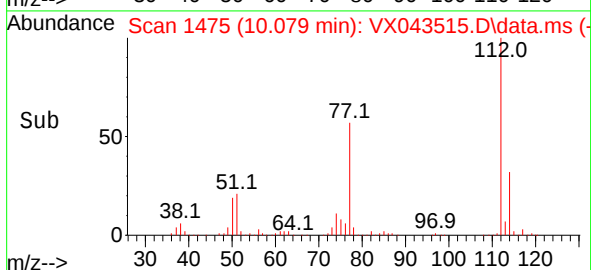
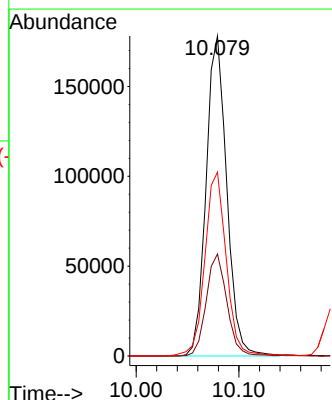
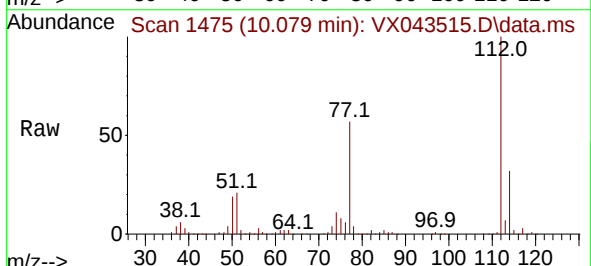
Instrument :
MSVOA_X
ClientSampleId :

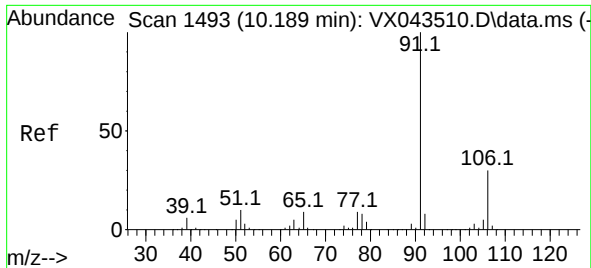
Tgt Ion:107 Resp: 107570
Ion Ratio Lower Upper
107 100
109 96.7 65.0 120.6
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 51.713 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

Tgt Ion:112 Resp: 248510
Ion Ratio Lower Upper
112 100
114 31.9 23.4 43.4
77 57.5 46.1 69.1

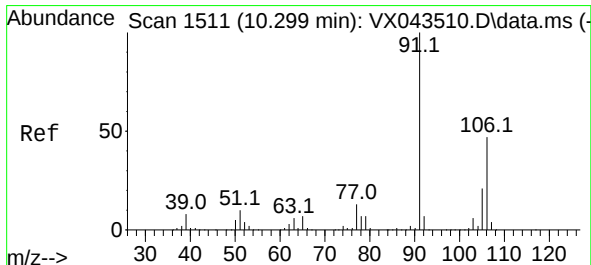
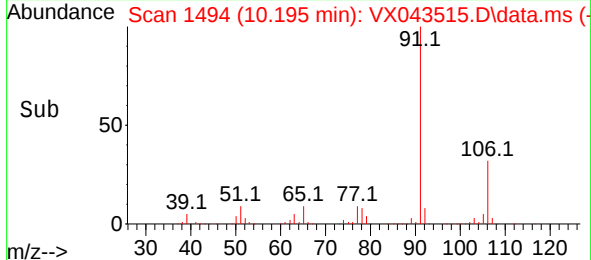
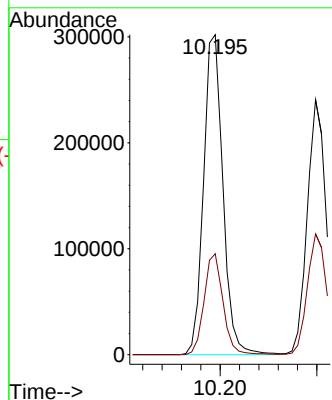
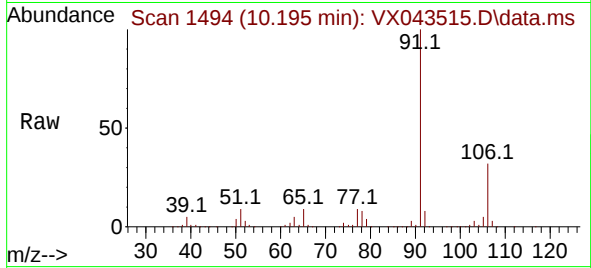




#52
Ethylbenzene
Concen: 51.499 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

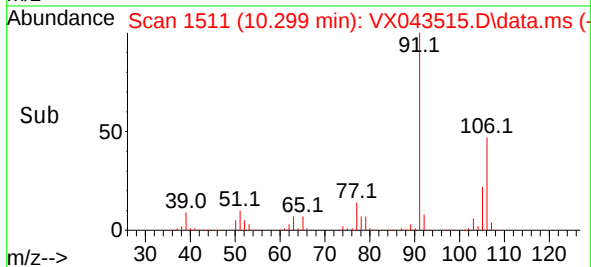
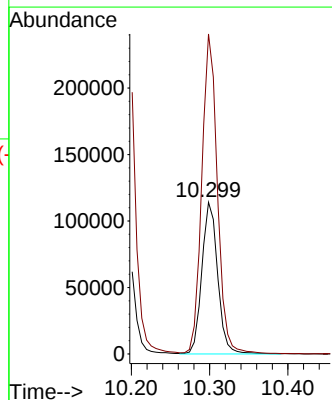
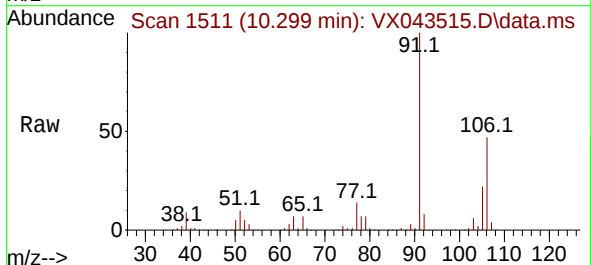
Instrument :
MSVOA_X
ClientSampleId :

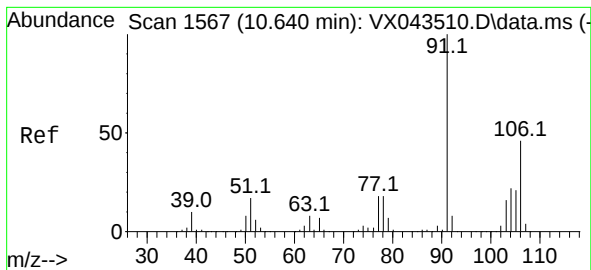
Tgt Ion: 91 Resp: 420504
Ion Ratio Lower Upper
91 100
106 31.6 20.9 38.7



#53
m,p-Xylene
Concen: 52.422 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

Tgt Ion:106 Resp: 160043
Ion Ratio Lower Upper
106 100
91 211.0 149.0 276.8





#54

o-Xylene

Concen: 51.899 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

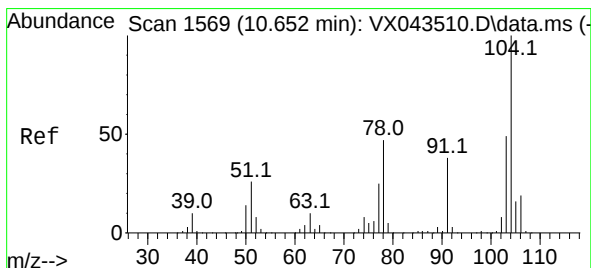
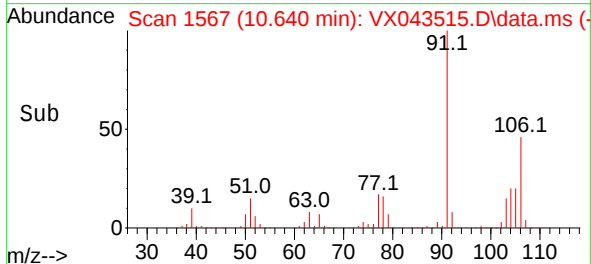
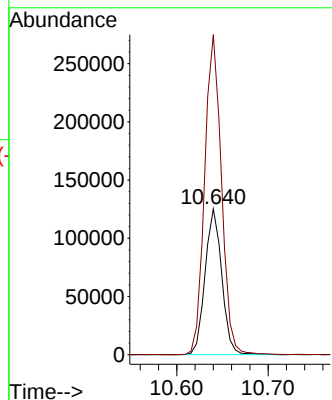
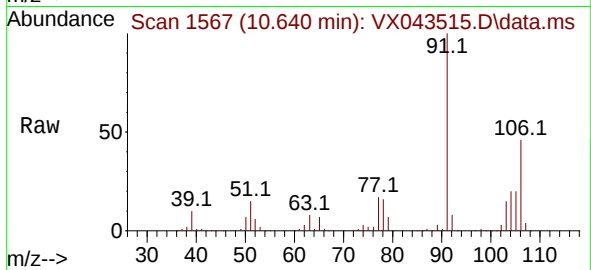
ClientSampleId :

Tgt Ion:106 Resp: 158692

Ion Ratio Lower Upper

106 100

91 219.5 152.9 284.1



#55

Styrene

Concen: 54.002 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043515.D

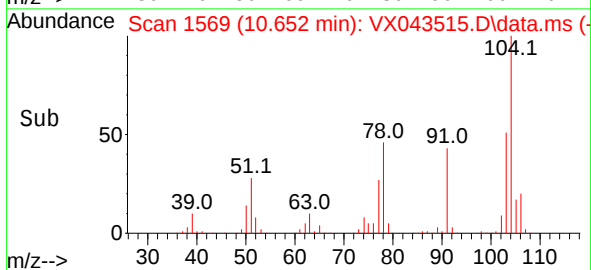
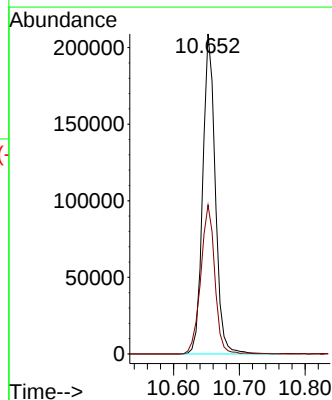
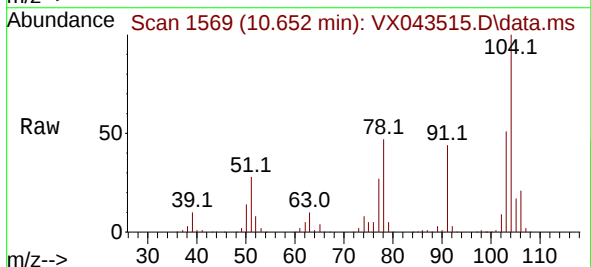
Acq: 25 Oct 2024 11:43

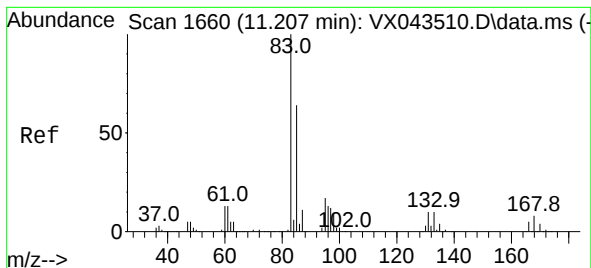
Tgt Ion:104 Resp: 277426

Ion Ratio Lower Upper

104 100

78 46.5 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 52.919 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

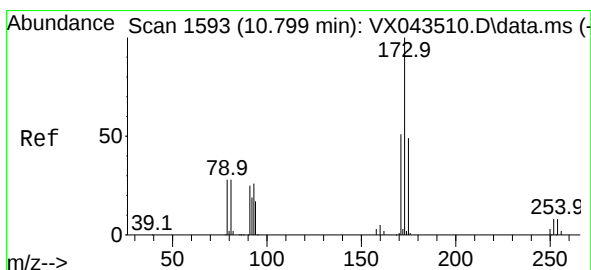
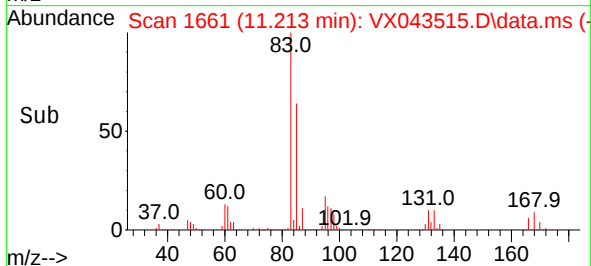
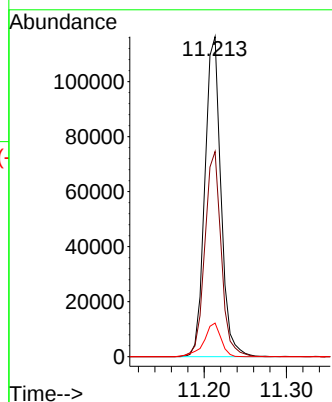
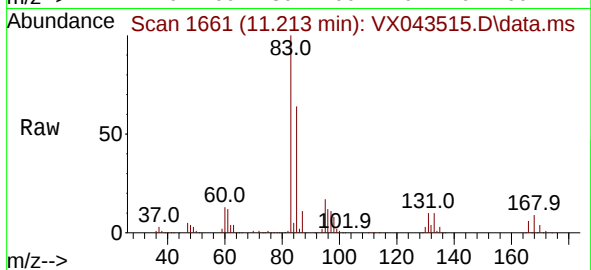
Tgt Ion: 83 Resp: 157501

Ion Ratio Lower Upper

83 100

85 64.1 44.7 82.9

131 10.5 8.2 12.4



#59

Bromoform

Concen: 51.988 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

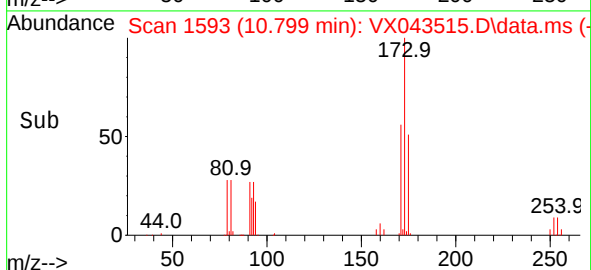
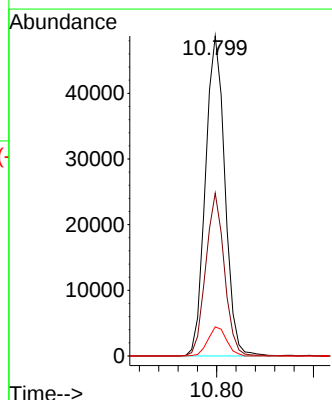
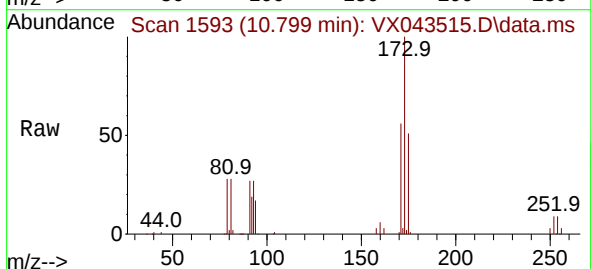
Tgt Ion:173 Resp: 68192

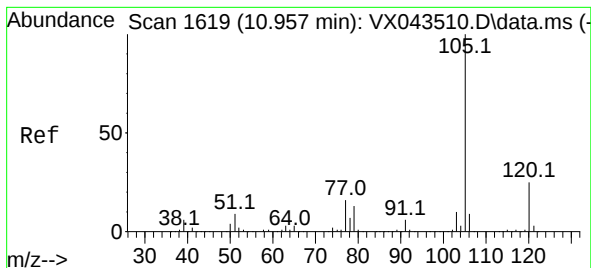
Ion Ratio Lower Upper

173 100

175 48.8 38.4 57.6

254 8.7 6.6 9.8





#60

Isopropylbenzene

Concen: 50.490 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

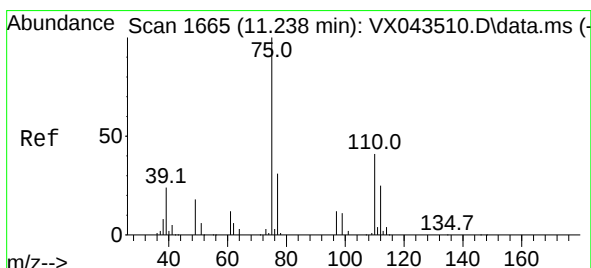
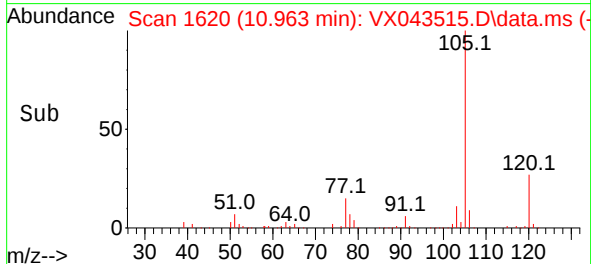
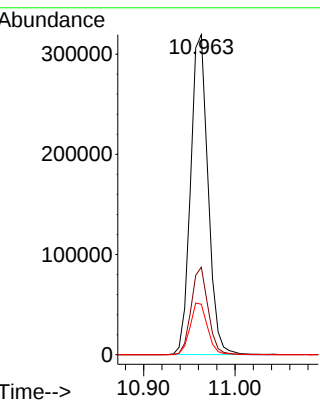
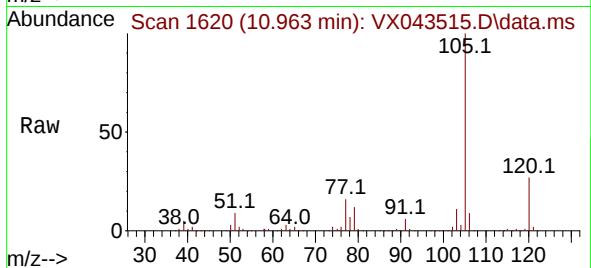
Tgt Ion:105 Resp: 421865

Ion Ratio Lower Upper

105 100

120 26.6 21.0 31.4

77 16.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 51.727 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

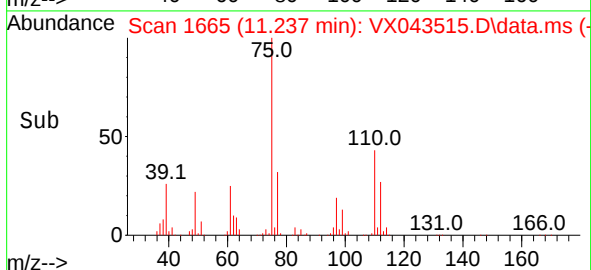
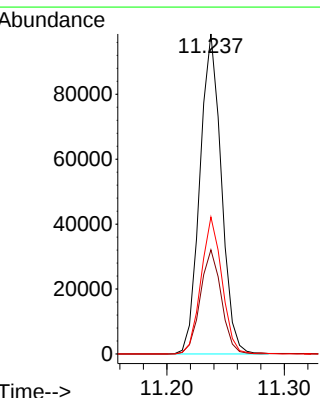
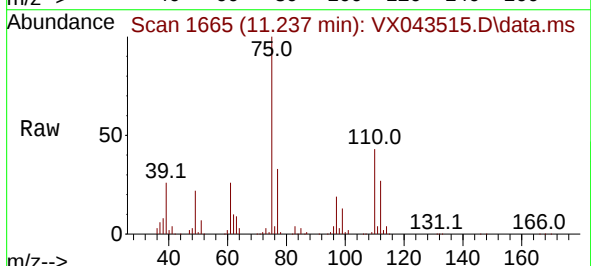
Tgt Ion: 75 Resp: 124998

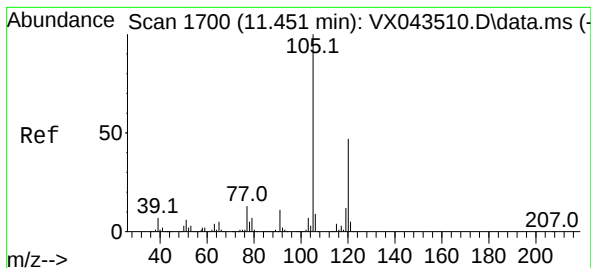
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

110 41.7 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 51.761 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

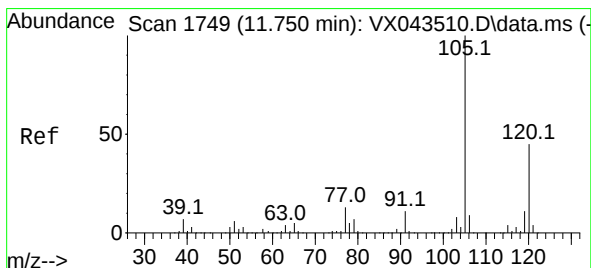
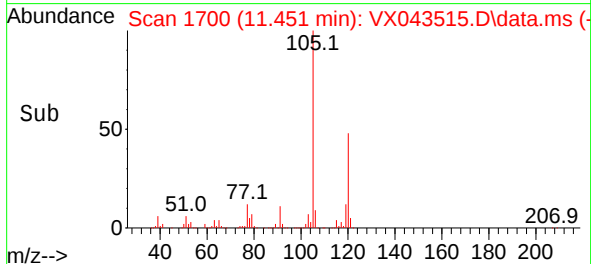
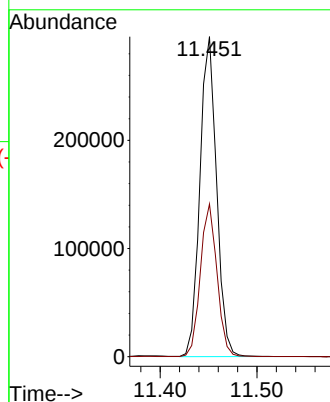
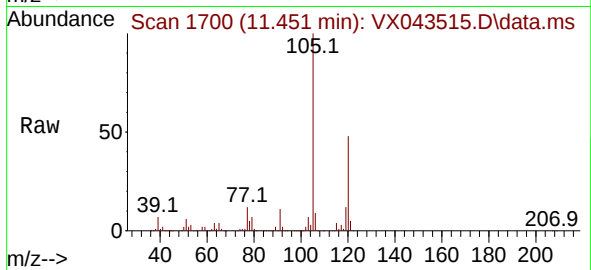
ClientSampleId :

Tgt Ion:105 Resp: 354766

Ion Ratio Lower Upper

105 100

120 47.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 51.503 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043515.D

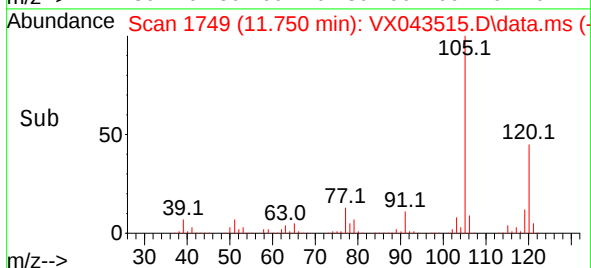
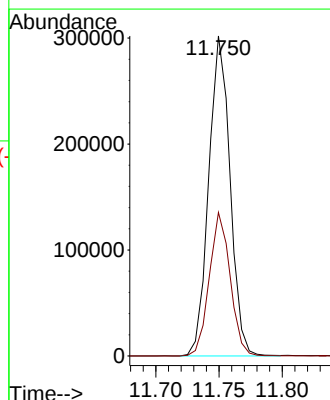
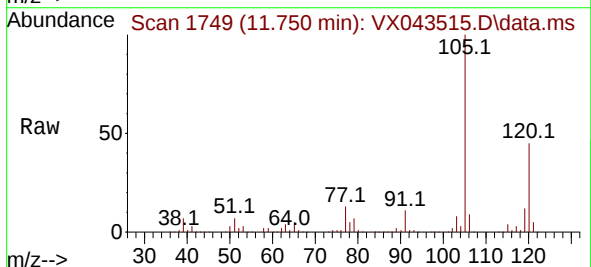
Acq: 25 Oct 2024 11:43

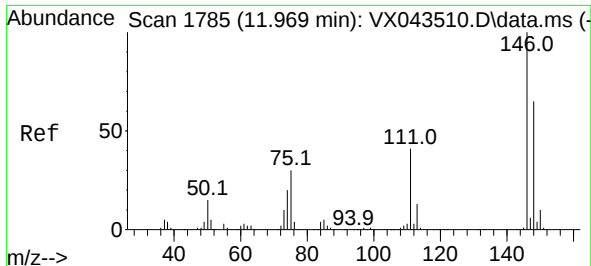
Tgt Ion:105 Resp: 353412

Ion Ratio Lower Upper

105 100

120 44.0 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 52.202 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

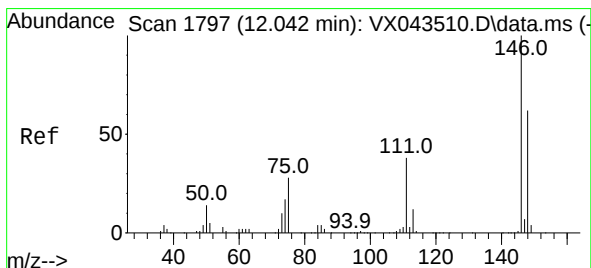
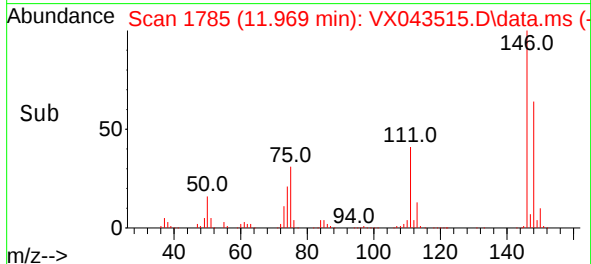
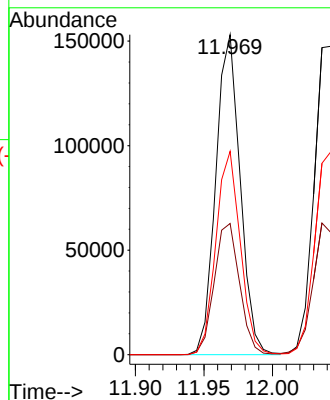
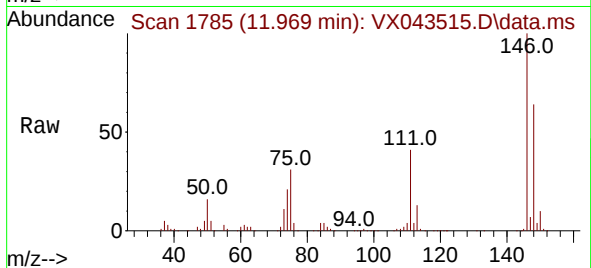
Tgt Ion:146 Resp: 189325

Ion Ratio Lower Upper

146 100

111 41.0 28.6 53.0

148 63.6 45.8 85.0



#65

1,4-Dichlorobenzene

Concen: 51.729 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

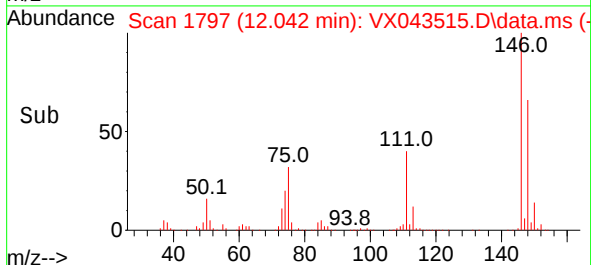
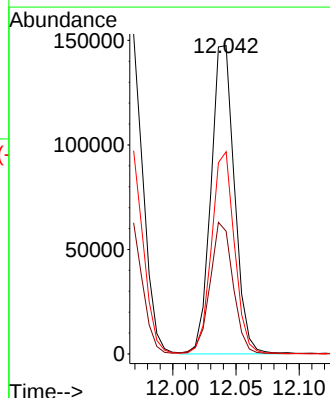
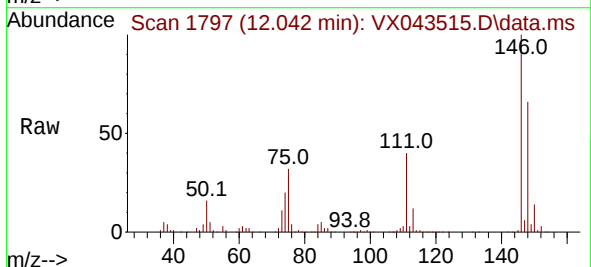
Tgt Ion:146 Resp: 191027

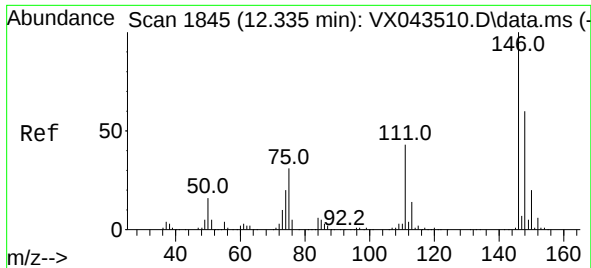
Ion Ratio Lower Upper

146 100

111 39.8 26.8 49.8

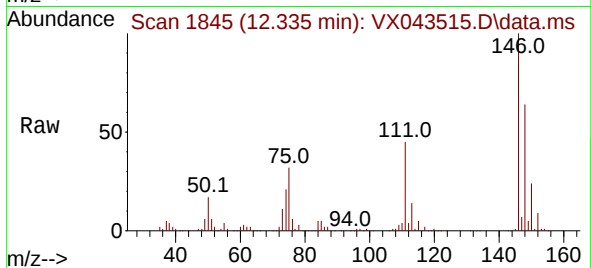
148 65.6 43.4 80.6



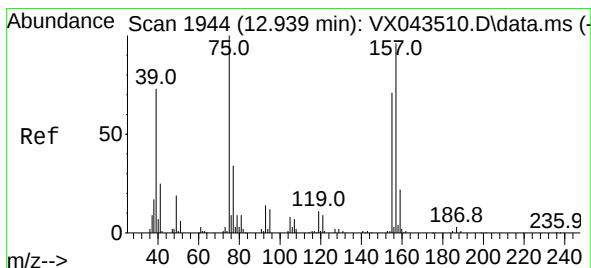
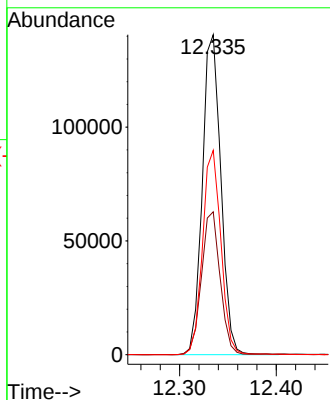
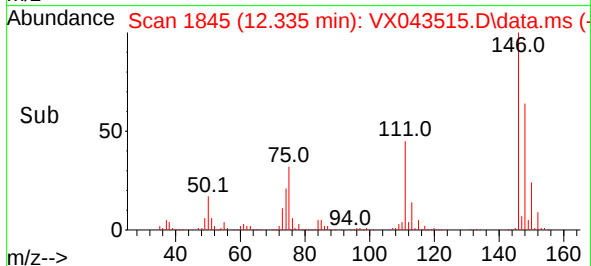


#67
1,2-Dichlorobenzene
Concen: 52.036 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :

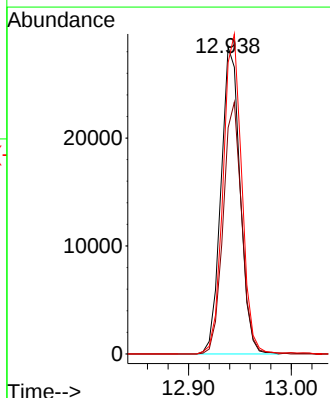
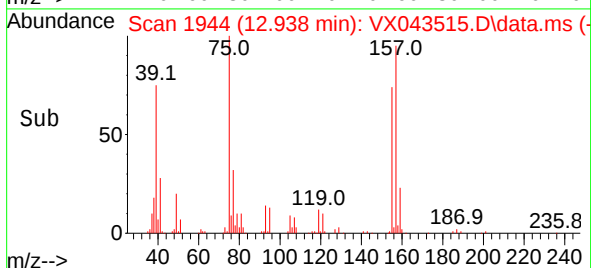
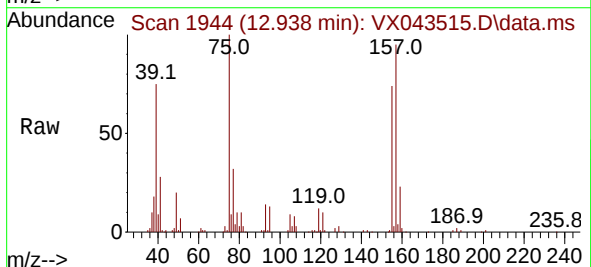


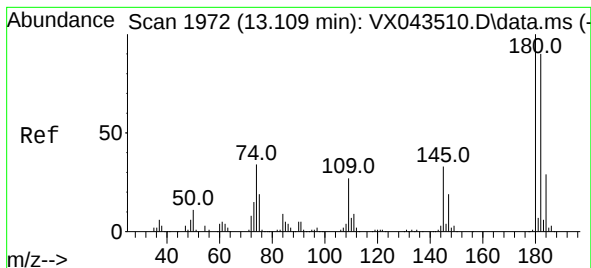
Tgt Ion:146 Resp: 187637
Ion Ratio Lower Upper
146 100
111 44.6 34.6 51.8
148 63.9 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 53.514 ug/L
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX043515.D
Acq: 25 Oct 2024 11:43

Tgt Ion: 75 Resp: 36667
Ion Ratio Lower Upper
75 100
155 73.7 56.9 85.3
157 94.9 76.8 115.2





#69

1,3,5-Trichlorobenzene

Concen: 51.817 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

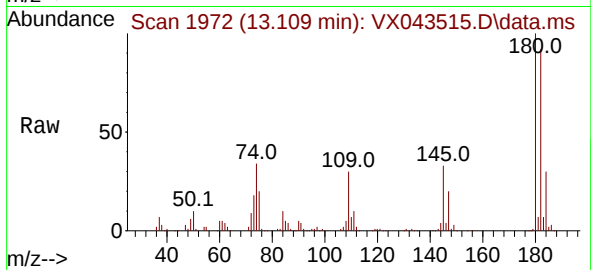
Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 126266

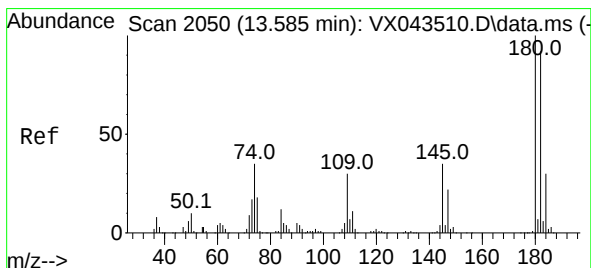
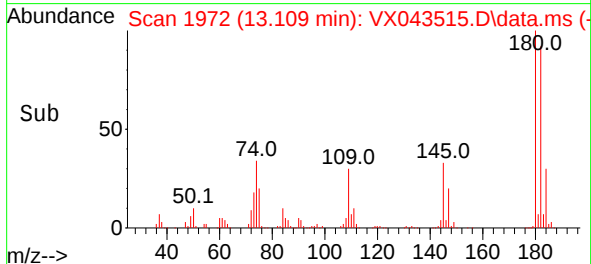
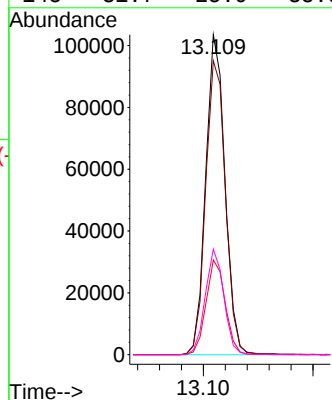
Ion Ratio Lower Upper

180 100

182 94.2 74.1 111.1

184 29.5 23.1 34.7

145 31.7 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 52.967 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

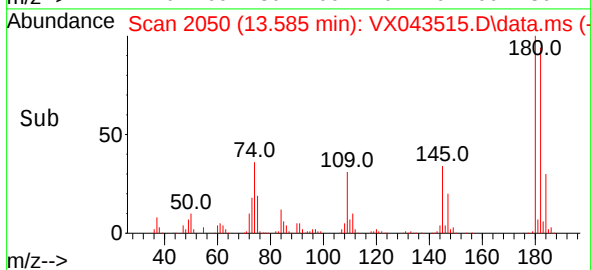
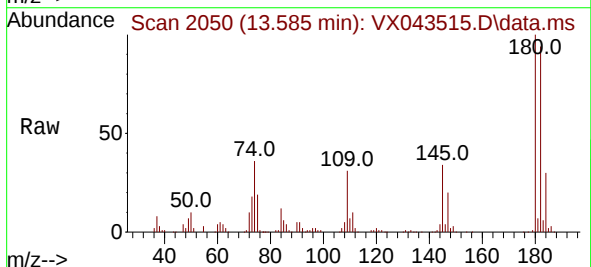
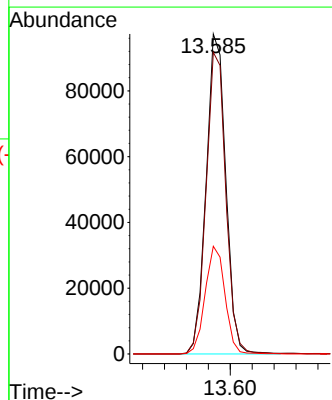
Tgt Ion:180 Resp: 120891

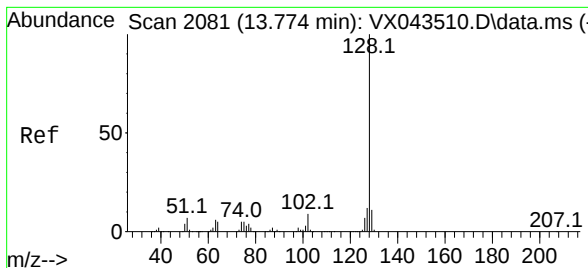
Ion Ratio Lower Upper

180 100

182 94.9 74.9 112.3

145 34.0 26.6 40.0





#71

Naphthalene

Concen: 53.323 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

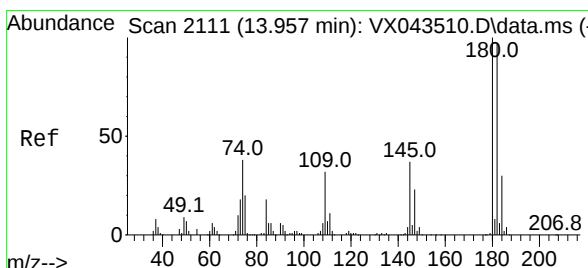
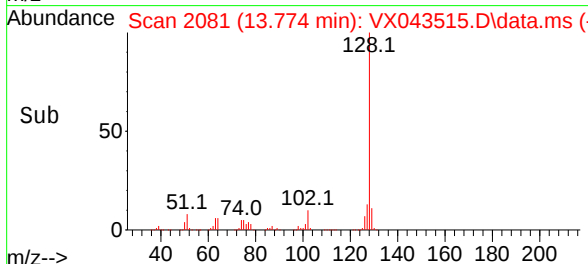
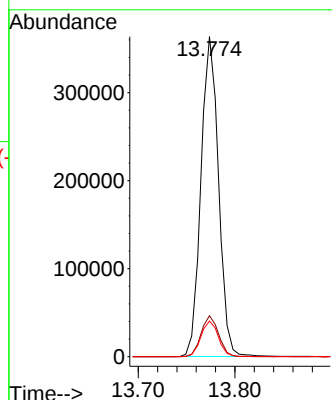
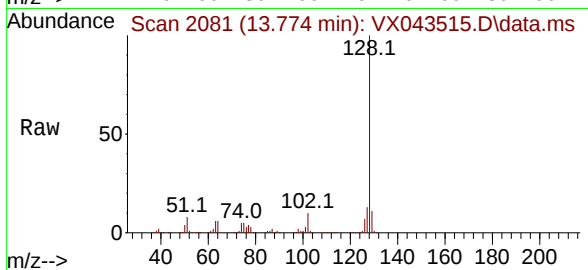
Tgt Ion:128 Resp: 459503

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.415 ug/L

RT: 13.956 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX043515.D

Acq: 25 Oct 2024 11:43

Tgt Ion:180 Resp: 121980

Ion Ratio Lower Upper

180 100

182 93.8 77.4 116.0

145 35.1 28.6 43.0

