

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043533.D
 Acq On : 25 Oct 2024 19:06
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 01:38:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 01:33:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	244242	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	220127	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	102704	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65358	49.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.380%
7) Chloroethane-d5	1.806	69	196	0.184	ug/L	0.14
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.360%#
11) 1,1-Dichloroethene-d2	2.294	65	28556	45.513	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.020%
21) 2-Butanone-d5	4.471	46	112804	101.925	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.920%
24) Chloroform-d	5.050	84	153770	50.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.080%
26) 1,2-Dichloroethane-d4	5.952	65	99763	48.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
32) Benzene-d6	5.970	84	282683	50.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.180%
36) 1,2-Dichloropropane-d6	7.305	67	88827	51.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.140%
41) Toluene-d8	8.647	98	252258	49.309	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.620%
43) trans-1,3-Dichloroprop...	8.952	79	40807	44.592	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.180%
47) 2-Hexanone-d5	9.390	63	94059	109.027	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.030%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	141615	54.687	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.380%
66) 1,2-Dichlorobenzene-d4	12.317	152	100168	53.734	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.460%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	95785	50.494	ug/L	99
3) Chloromethane	1.294	50	92983	53.292	ug/L	100
5) Vinyl chloride	1.374	62	90228	52.311	ug/L	97
6) Bromomethane	1.593	94	32938	32.353	ug/L	94
8) Chloroethane	1.660	64	24803	24.251	ug/L	96
9) Trichlorofluoromethane	1.861	101	114682	44.568	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	71352	46.304	ug/L	97
12) 1,1-Dichloroethene	2.306	96	64407	47.706	ug/L	89
13) Acetone	2.392	43	87934	87.268	ug/L	98
14) Carbon disulfide	2.501	76	125601	37.827	ug/L	99
15) Methyl Acetate	2.709	43	96558	51.478	ug/L	99
16) Methylene chloride	2.782	84	80057	51.194	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	68568	48.297	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	272243	51.618	ug/L	99
19) 1,1-Dichloroethane	3.605	63	140795	50.302	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	86355	50.980	ug/L	97
22) 2-Butanone	4.568	43	136858	103.162	ug/L	99
23) Bromochloromethane	4.897	128	44140	49.740	ug/L	95
25) Chloroform	5.086	83	152471	50.313	ug/L	97

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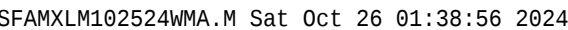
Instrument :
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 ClientSampleId :

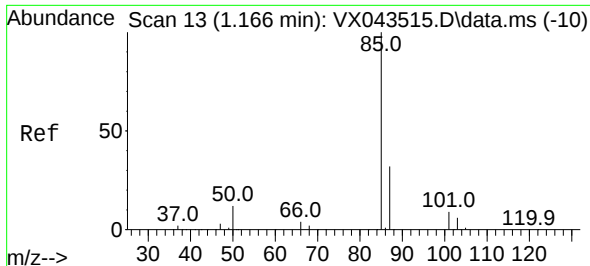
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 QLast Update : Sat Oct 26 01:33:53 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	125617	51.109	ug/L #	95
29) Cyclohexane	5.458	56	123264	48.899	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	131864	48.566	ug/L	99
31) Carbon tetrachloride	5.672	117	106910	45.871	ug/L	98
33) Benzene	6.031	78	308248	51.326	ug/L	100
34) Trichloroethene	7.123	95	79866	48.419	ug/L	94
35) Methylcyclohexane	7.373	83	121043	47.690	ug/L	99
37) 1,2-Dichloropropane	7.427	63	84686	52.926	ug/L	99
38) Bromodichloromethane	7.824	83	103473	46.972	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	131972	49.895	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	268545	107.718	ug/L	99
42) Toluene	8.714	91	327718	51.550	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	120647	48.710	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	88095	53.475	ug/L	99
46) Tetrachloroethene	9.269	164	57794	48.882	ug/L	96
48) 2-Hexanone	9.433	43	206019	108.183	ug/L	97
49) Dibromochloromethane	9.518	129	76744	47.065	ug/L	97
50) 1,2-Dibromoethane	9.610	107	92040	52.292	ug/L	99
51) Chlorobenzene	10.079	112	216827	51.657	ug/L	98
52) Ethylbenzene	10.195	91	363574	50.978	ug/L	96
53) m,p-Xylene	10.299	106	137417	51.532	ug/L	97
54) o-Xylene	10.640	106	140313	52.537	ug/L	97
55) Styrene	10.652	104	235589	52.502	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	145655	56.029	ug/L	99
59) Bromoform	10.799	173	51505	46.495	ug/L	100
60) Isopropylbenzene	10.963	105	360679	51.113	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	113899	55.810	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	303068	52.358	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	305555	52.726	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	155885	50.894	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	157087	50.369	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	166692	54.737	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	30004	51.851	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	100886	49.023	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	94914	49.241	ug/L	100
71) Naphthalene	13.774	128	396790	54.522	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	100118	51.912	ug/L	97

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

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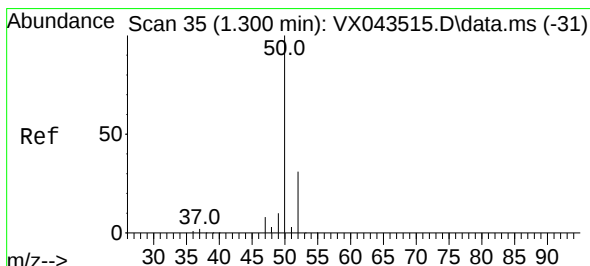
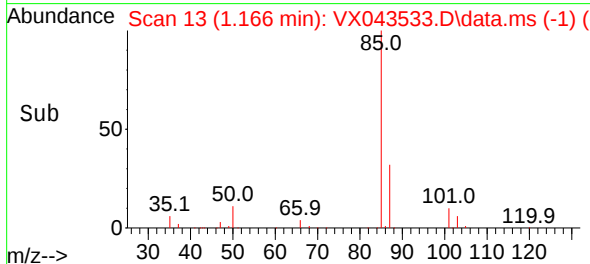
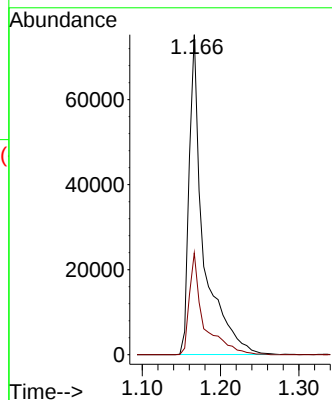
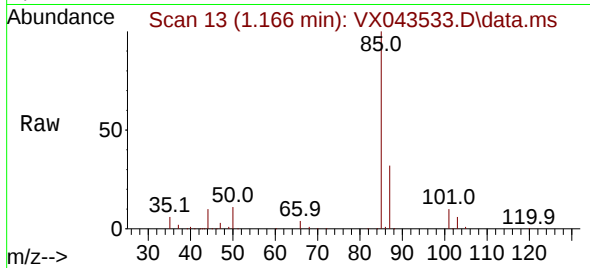




#2
Dichlorodifluoromethane
Concen: 50.494 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

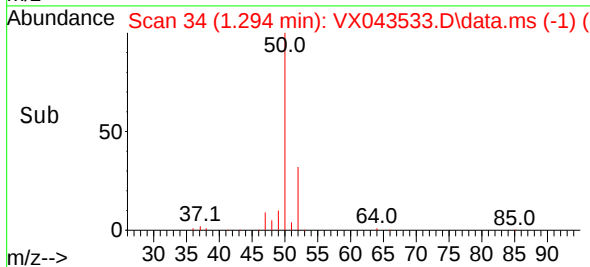
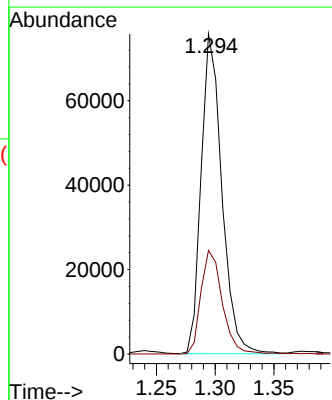
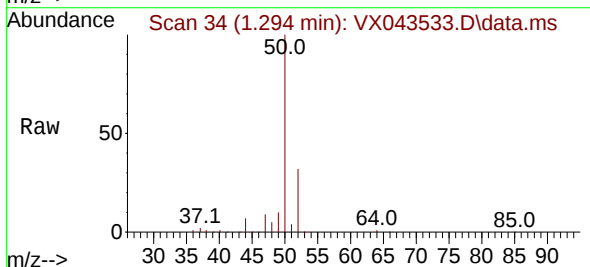
Instrument :
MSVOA_X
ClientSampleId :

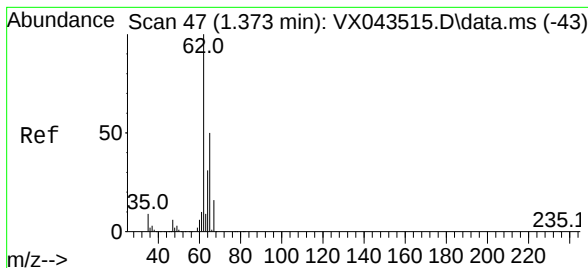
Tgt Ion: 85 Resp: 95785
Ion Ratio Lower Upper
85 100
87 31.7 26.0 39.0



#3
Chloromethane
Concen: 53.292 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Tgt Ion: 50 Resp: 92983
Ion Ratio Lower Upper
50 100
52 32.3 22.6 42.0





#5

Vinyl chloride

Concen: 52.311 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

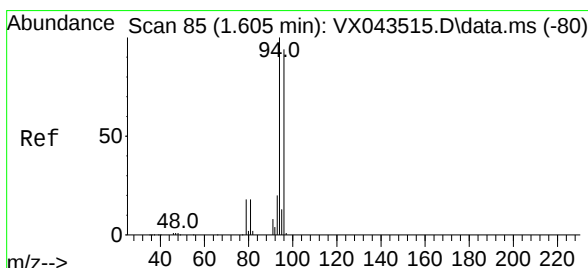
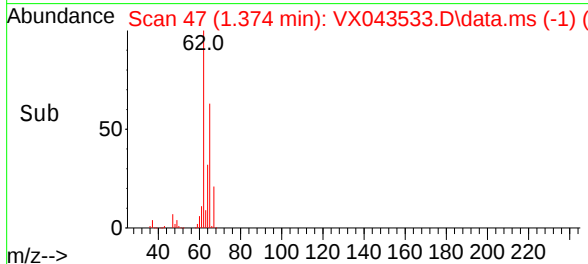
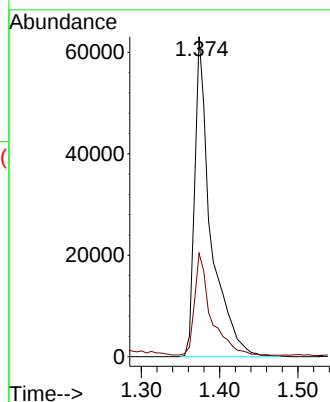
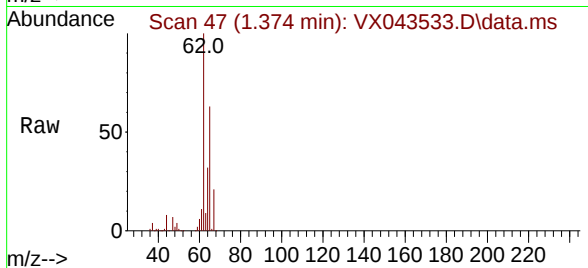
ClientSampleId :

Tgt Ion: 62 Resp: 90228

Ion Ratio Lower Upper

62 100

64 32.3 23.9 44.5



#6

Bromomethane

Concen: 32.353 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.012 min

Lab File: VX043533.D

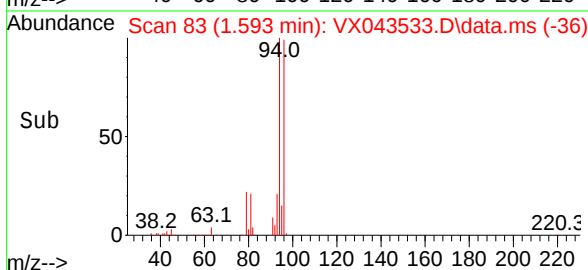
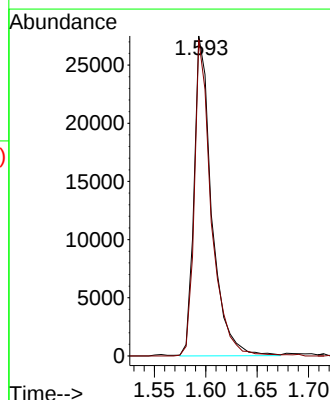
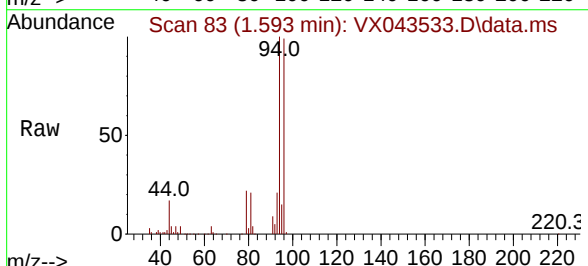
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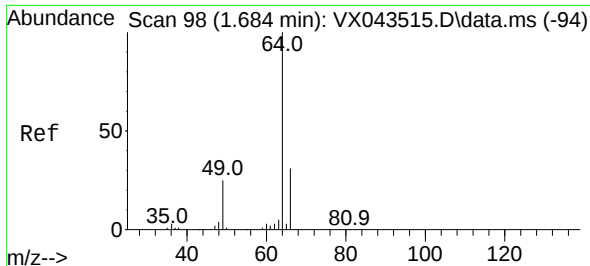
Tgt Ion: 94 Resp: 32938

Ion Ratio Lower Upper

94 100

96 98.8 65.2 121.2

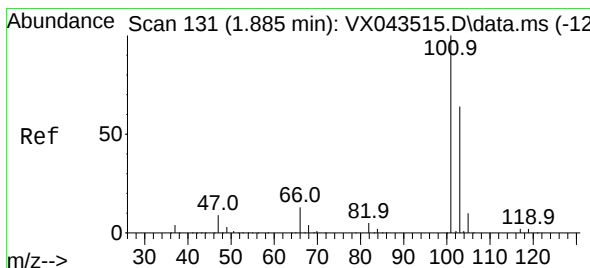
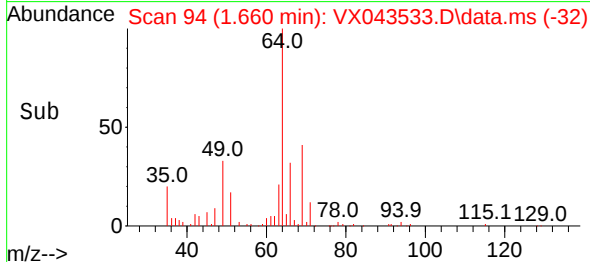
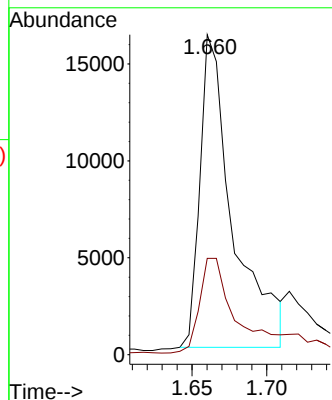
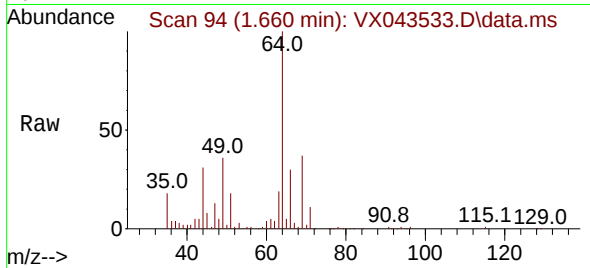




#8
Chloroethane
Concen: 24.251 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.024 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

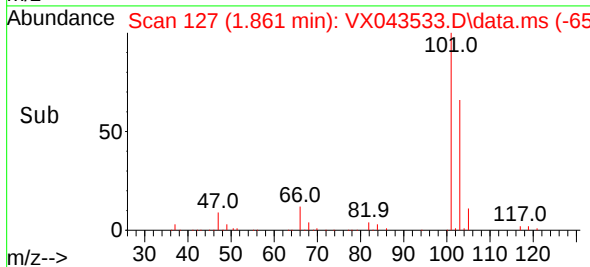
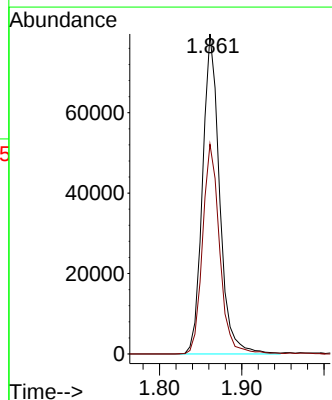
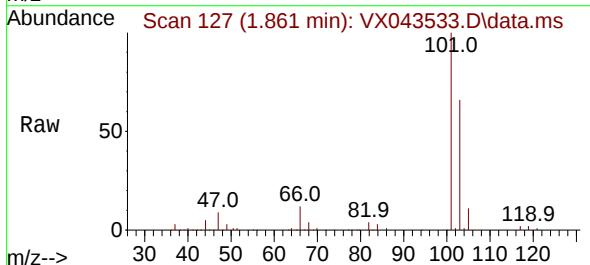
Instrument :
MSVOA_X
ClientSampleId :

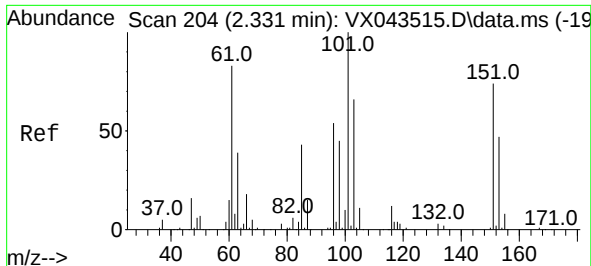
Tgt Ion: 64 Resp: 24803
Ion Ratio Lower Upper
64 100
66 30.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 44.568 ug/L
RT: 1.861 min Scan# 127
Delta R.T. -0.024 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Tgt Ion:101 Resp: 114682
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

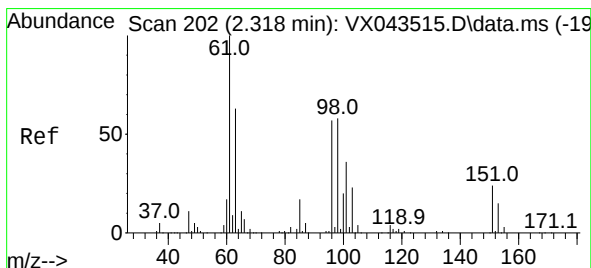
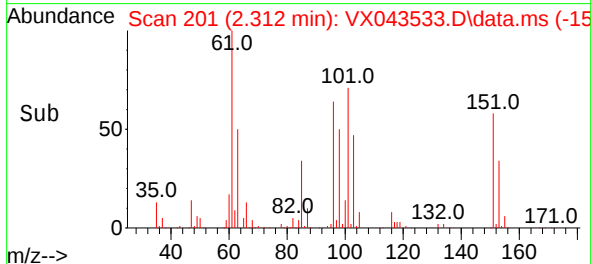
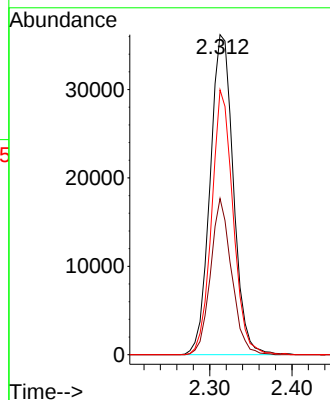
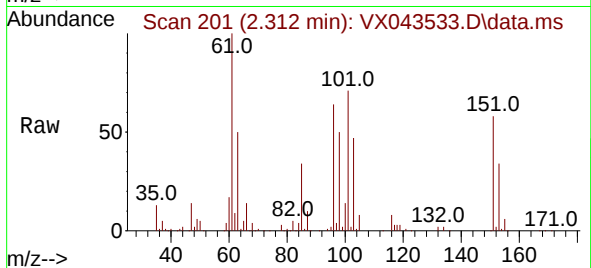




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.304 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.018 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

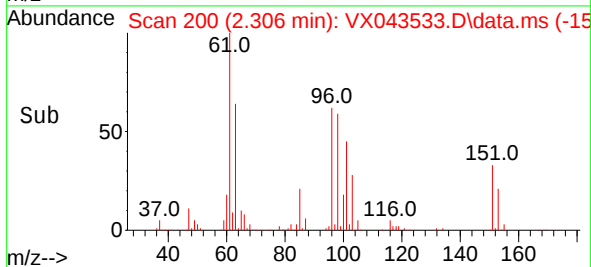
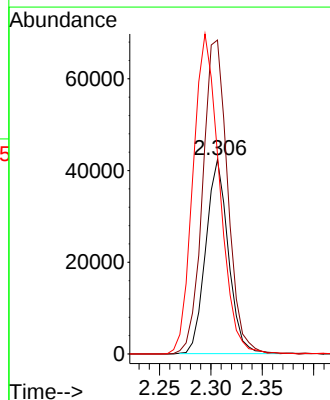
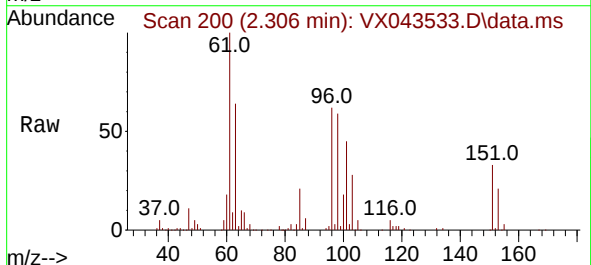
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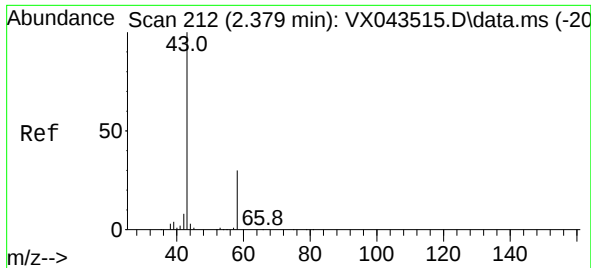
Tgt Ion:101 Resp: 71352
Ion Ratio Lower Upper
101 100
85 44.0 35.6 53.4
151 76.4 57.7 86.5



#12
1,1-Dichloroethene
Concen: 47.706 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Tgt Ion: 96 Resp: 64407
Ion Ratio Lower Upper
96 100
61 161.5 119.8 222.6
63 102.8 85.0 158.0





#13

Acetone

Concen: 87.268 ug/L

RT: 2.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

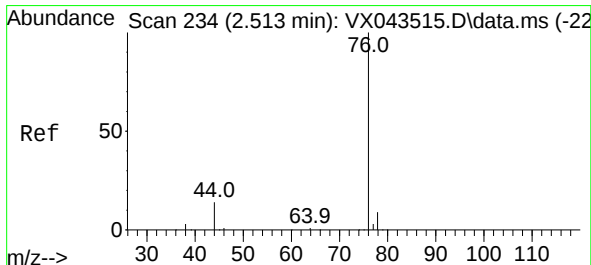
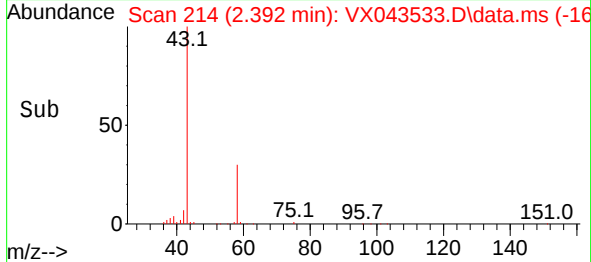
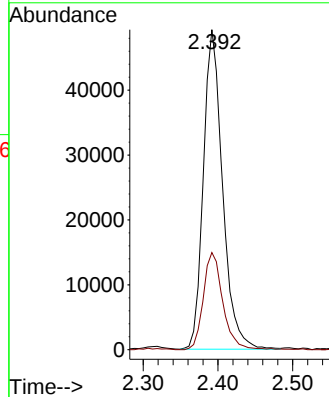
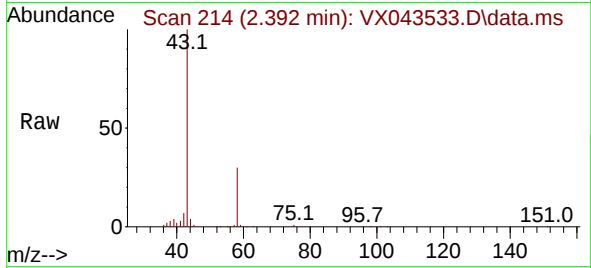
ClientSampleId :

Tgt Ion: 43 Resp: 87934

Ion Ratio Lower Upper

43 100

58 30.7 0.0 59.2



#14

Carbon disulfide

Concen: 37.827 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.012 min

Lab File: VX043533.D

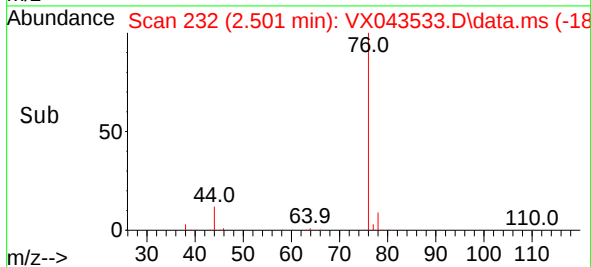
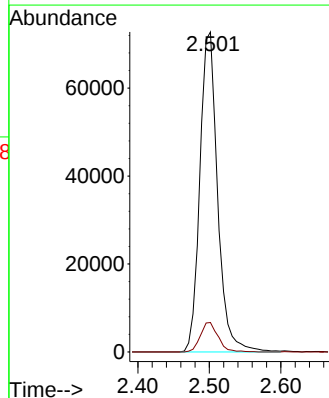
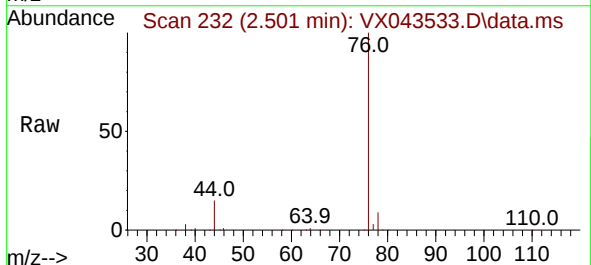
Acq: 25 Oct 2024 19:06

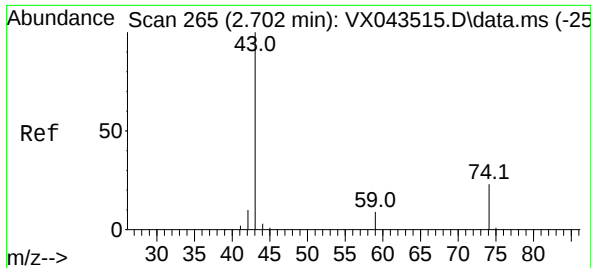
Tgt Ion: 76 Resp: 125601

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

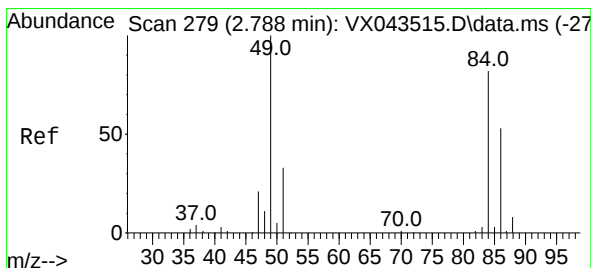
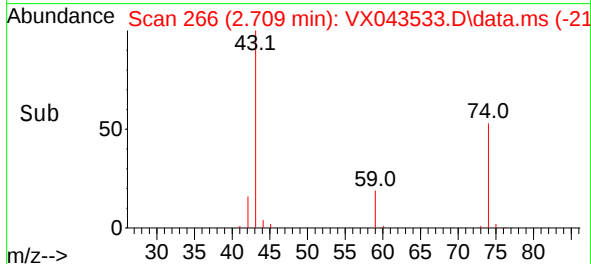
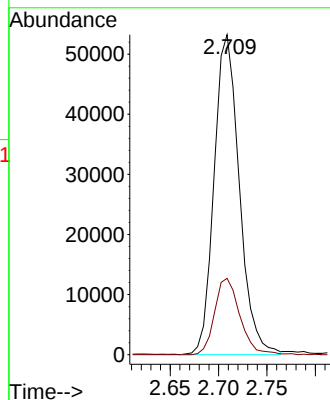
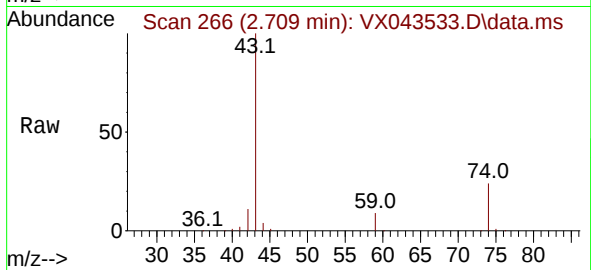




#15
Methyl Acetate
Concen: 51.478 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

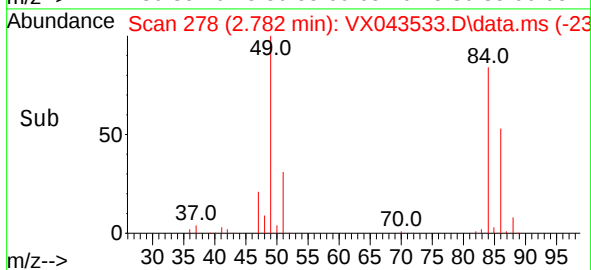
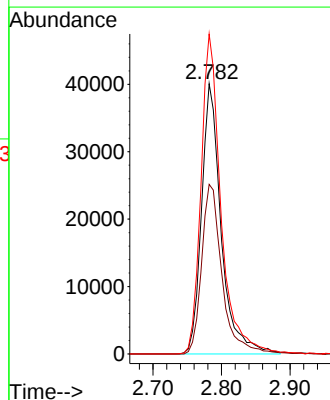
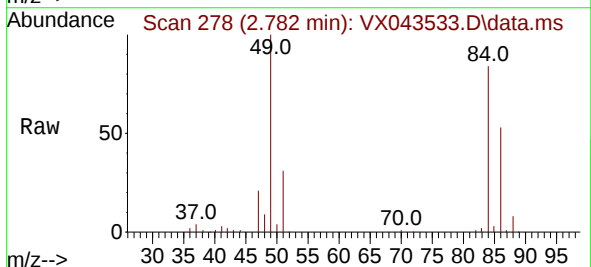
Instrument :
MSVOA_X
ClientSampleId :

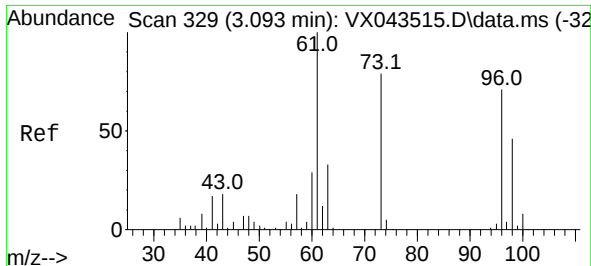
Tgt Ion: 43 Resp: 96558
Ion Ratio Lower Upper
43 100
74 23.8 18.7 28.1



#16
Methylene chloride
Concen: 51.194 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Tgt Ion: 84 Resp: 80057
Ion Ratio Lower Upper
84 100
86 62.8 44.7 82.9
49 118.4 86.2 160.2





#17

trans-1,2-Dichloroethene

Concen: 48.297 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

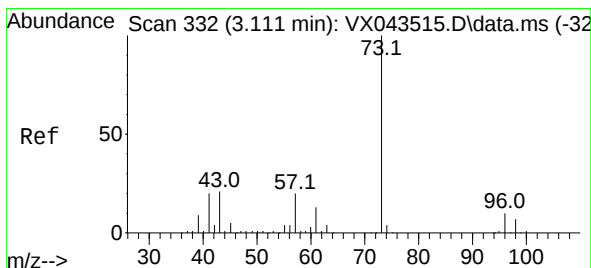
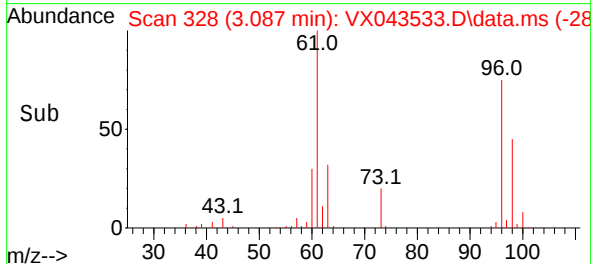
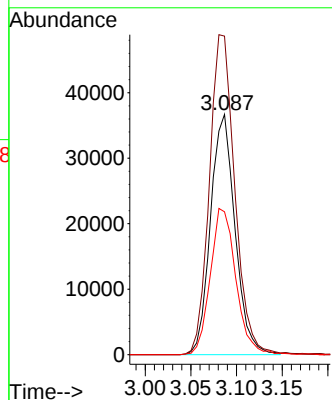
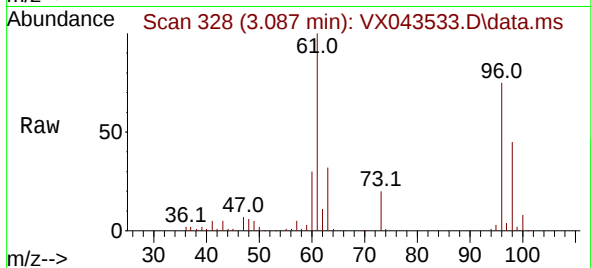
Tgt Ion: 96 Resp: 68568

Ion Ratio Lower Upper

96 100

61 132.6 94.3 175.1

98 59.4 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 51.618 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

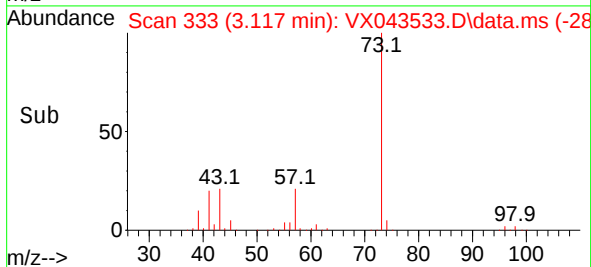
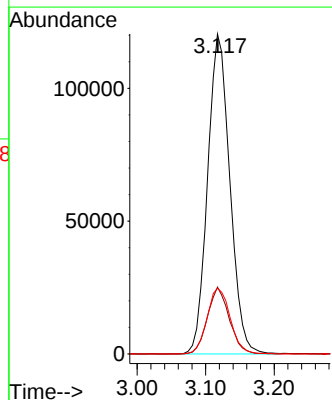
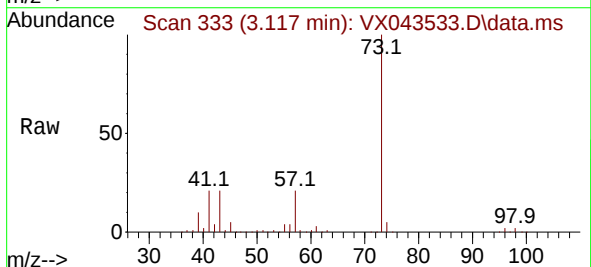
Tgt Ion: 73 Resp: 272243

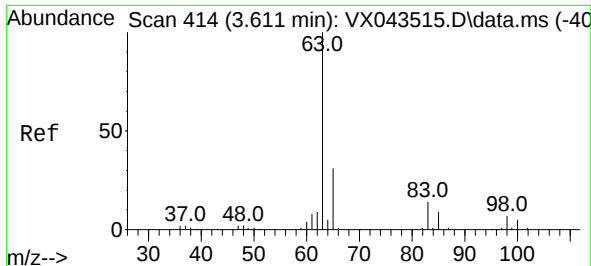
Ion Ratio Lower Upper

73 100

43 20.3 16.7 25.1

57 21.4 17.0 25.6





#19

1,1-Dichloroethane

Concen: 50.302 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

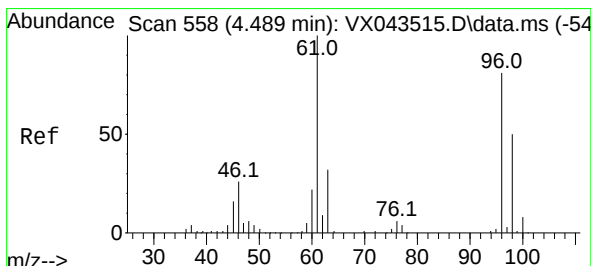
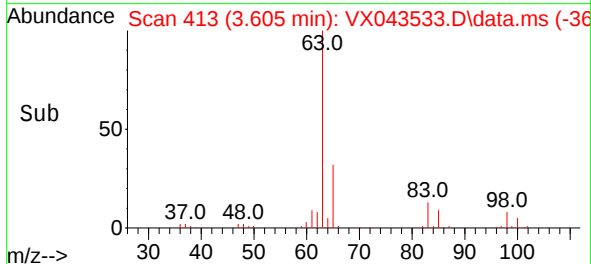
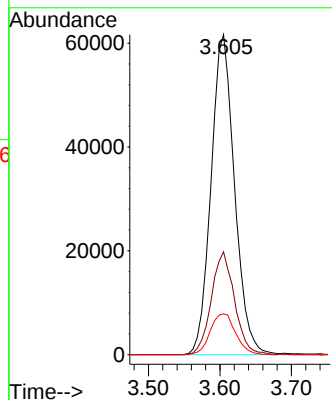
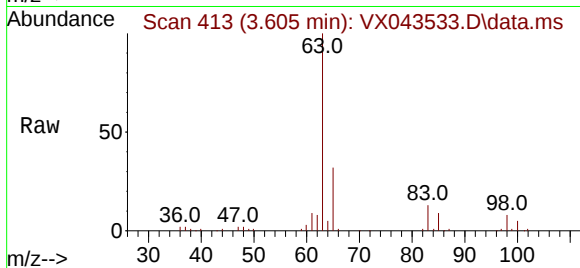
Tgt Ion: 63 Resp: 140795

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.6

83 12.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 50.980 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

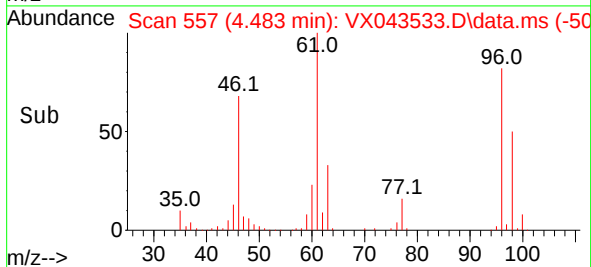
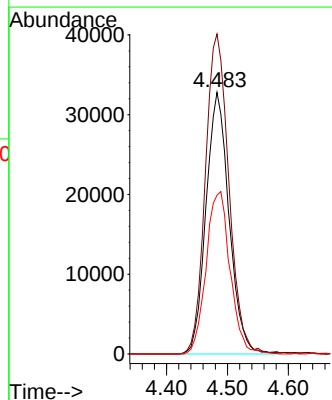
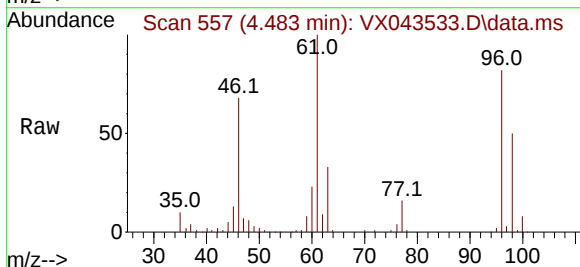
Tgt Ion: 96 Resp: 86355

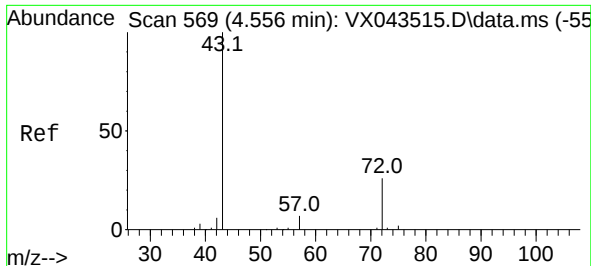
Ion Ratio Lower Upper

96 100

61 122.3 87.9 163.3

98 60.7 44.0 81.6

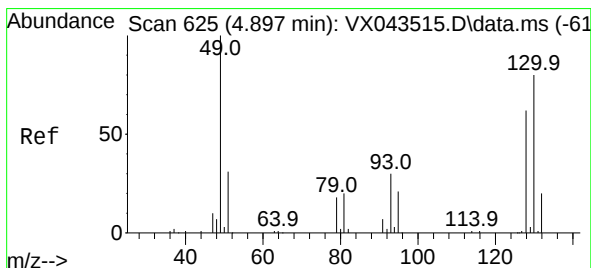
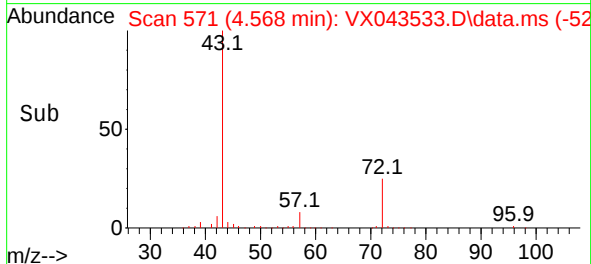
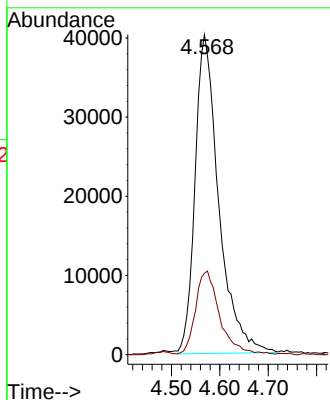
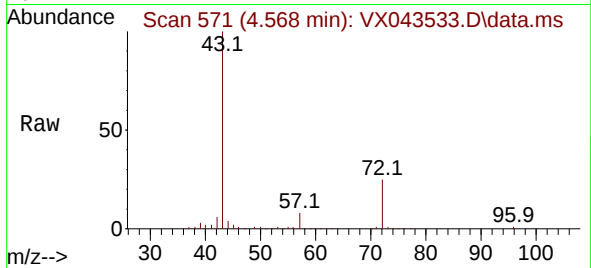




#22
2-Butanone
Concen: 103.162 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

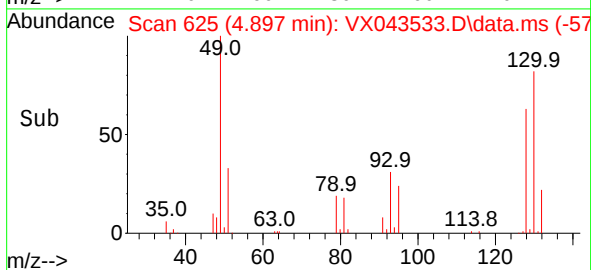
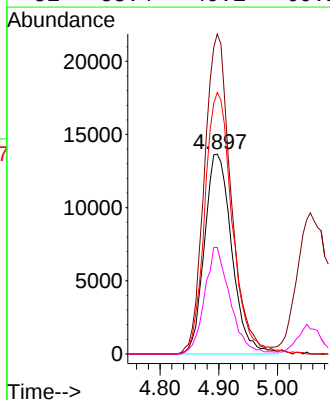
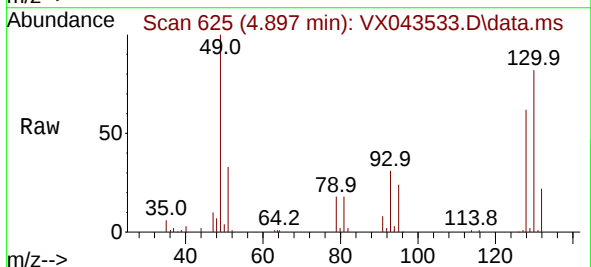
Instrument :
MSVOA_X
ClientSampleId :

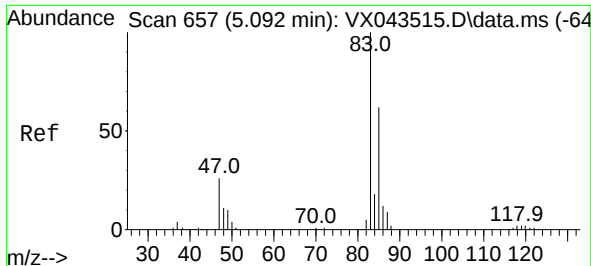
Tgt Ion: 43 Resp: 136858
Ion Ratio Lower Upper
43 100
72 26.3 13.4 40.1



#23
Bromochloromethane
Concen: 49.740 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Tgt Ion: 128 Resp: 44140
Ion Ratio Lower Upper
128 100
49 160.2 105.9 196.7
130 130.9 94.0 174.6
51 53.4 40.1 60.1





#25

Chloroform

Concen: 50.313 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

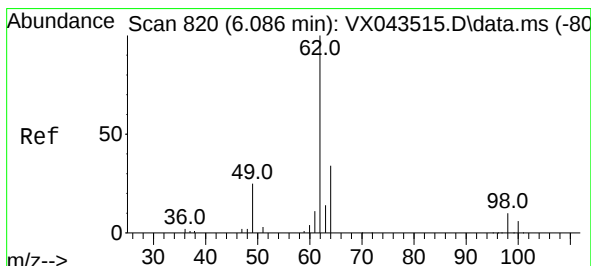
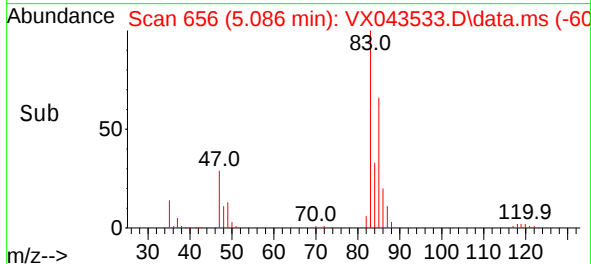
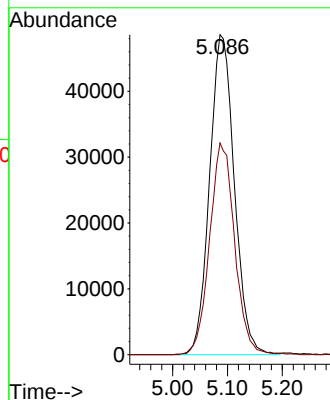
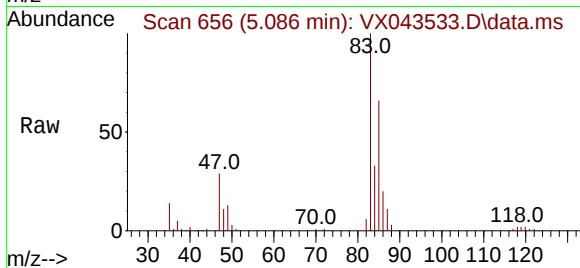
ClientSampleId :

Tgt Ion: 83 Resp: 152471

Ion Ratio Lower Upper

83 100

85 66.2 44.8 83.2



#27

1,2-Dichloroethane

Concen: 51.109 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX043533.D

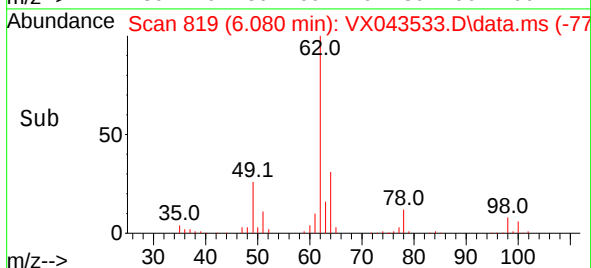
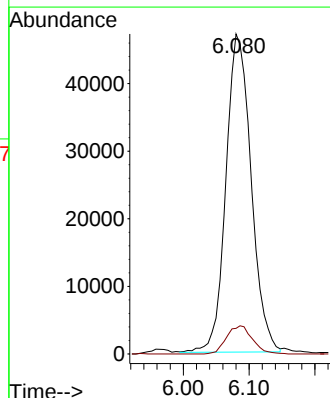
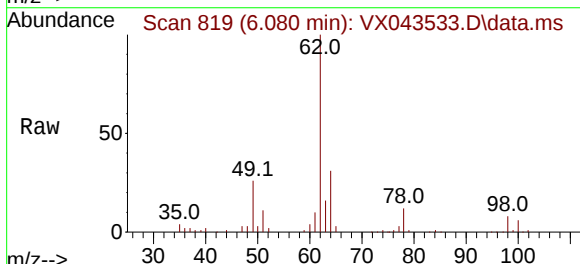
Acq: 25 Oct 2024 19:06

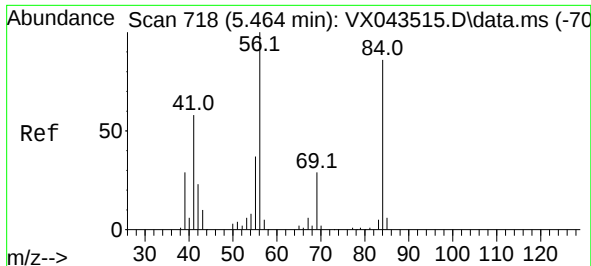
Tgt Ion: 62 Resp: 125617

Ion Ratio Lower Upper

62 100

98 8.0 8.0 12.0#





#29

Cyclohexane

Concen: 48.899 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min MSVOA_X

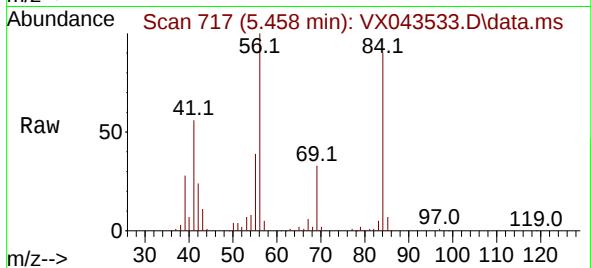
Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :



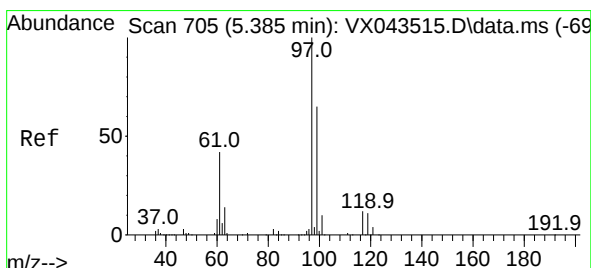
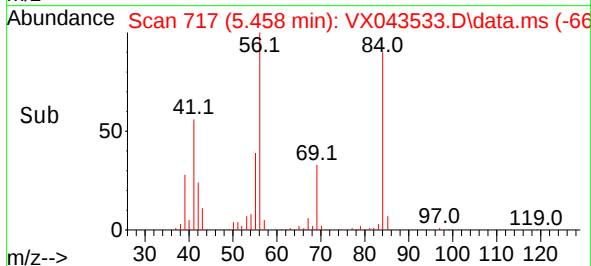
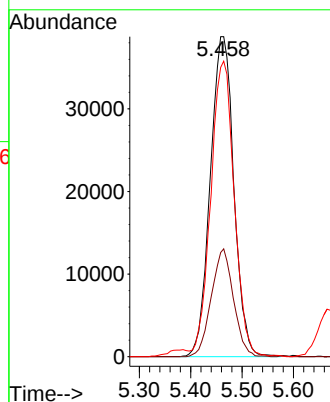
Tgt Ion: 56 Resp: 123264

Ion Ratio Lower Upper

56 100

69 31.6 25.3 37.9

84 91.4 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 48.566 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

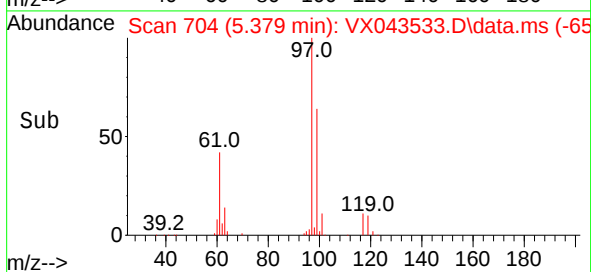
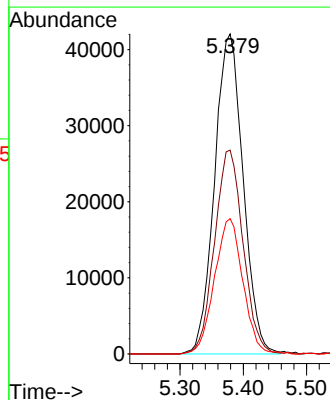
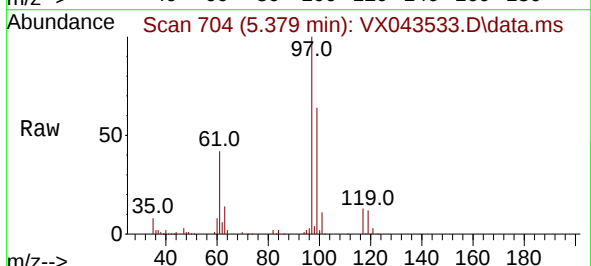
Tgt Ion: 97 Resp: 131864

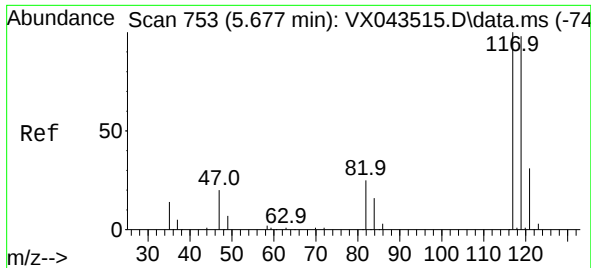
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 41.8 34.6 52.0

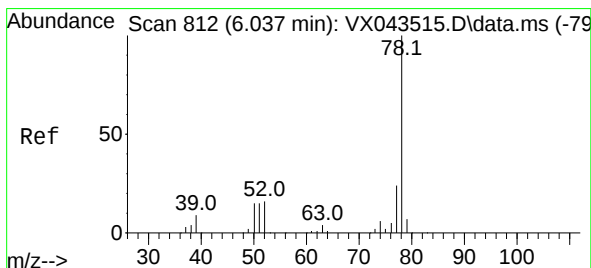
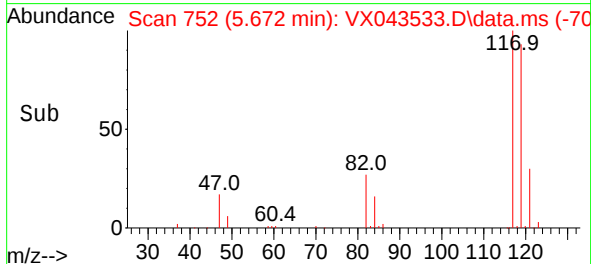
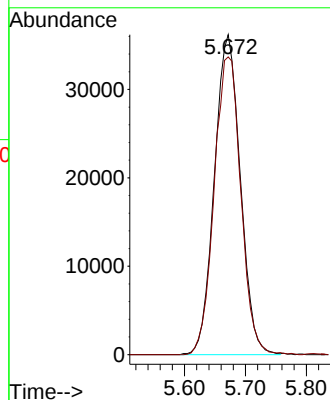
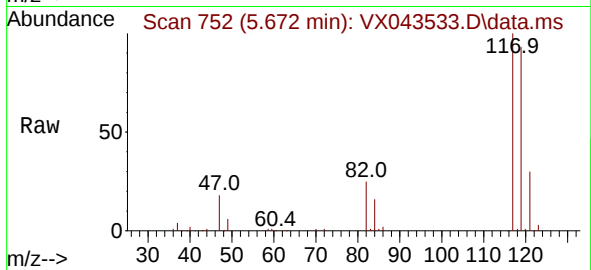




#31
Carbon tetrachloride
Concen: 45.871 ug/L
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

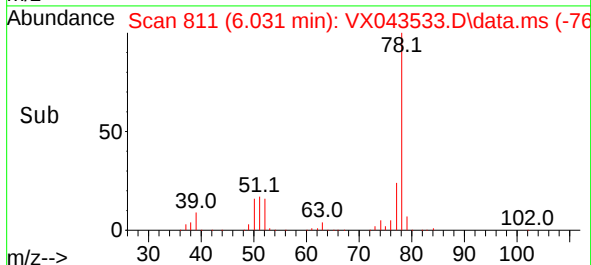
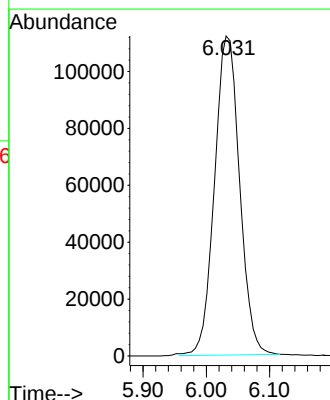
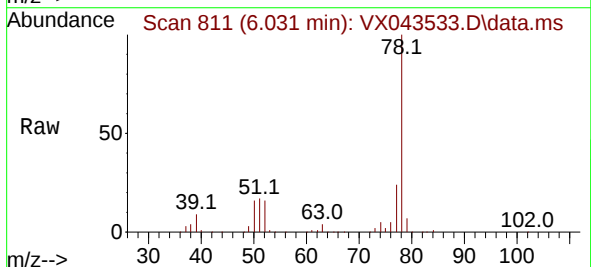
Instrument :
MSVOA_X
ClientSampleId :

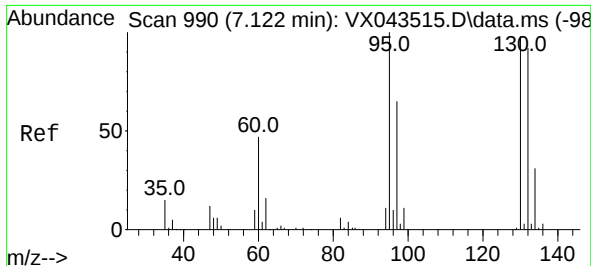
Tgt Ion:117 Resp: 106910
Ion Ratio Lower Upper
117 100
119 95.7 78.0 117.0



#33
Benzene
Concen: 51.326 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Tgt Ion: 78 Resp: 308248





#34

Trichloroethene

Concen: 48.419 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

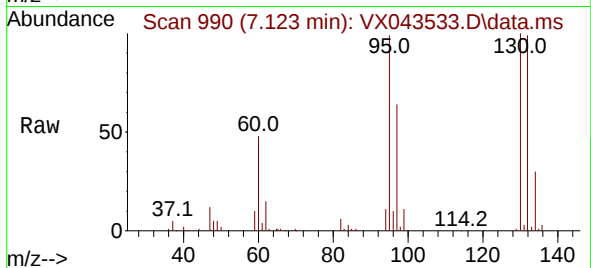
Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 79866

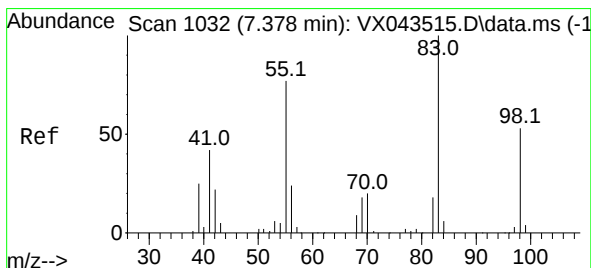
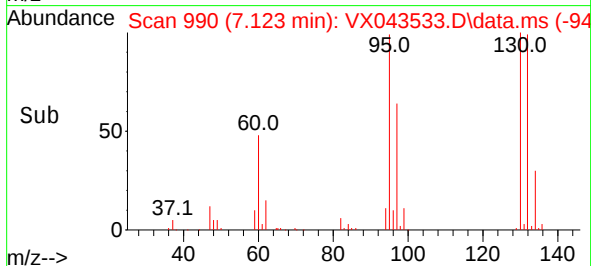
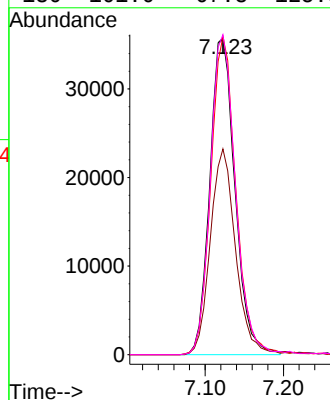
Ion Ratio Lower Upper

95 100

97 65.0 43.3 80.5

132 100.4 63.7 118.3

130 101.0 67.8 125.8



#35

Methylcyclohexane

Concen: 47.690 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

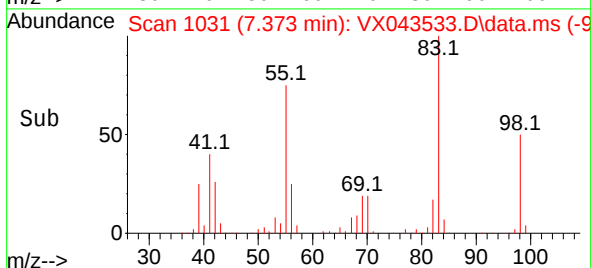
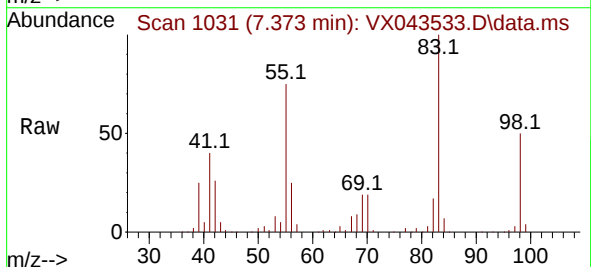
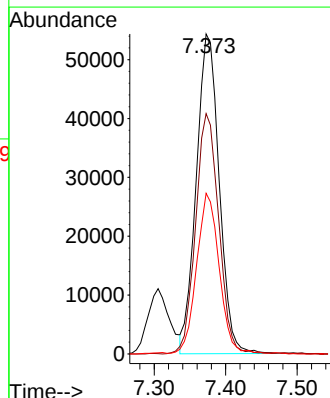
Tgt Ion: 83 Resp: 121043

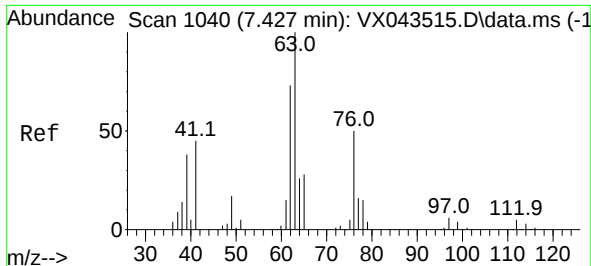
Ion Ratio Lower Upper

83 100

55 75.7 60.6 91.0

98 49.1 41.0 61.6





#37

1,2-Dichloropropane

Concen: 52.926 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

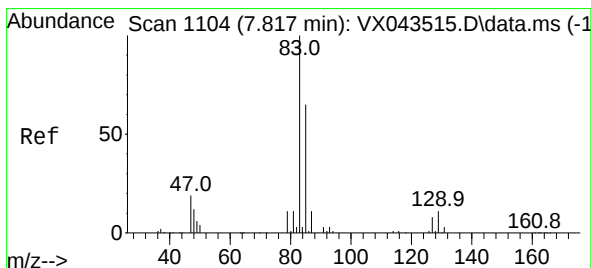
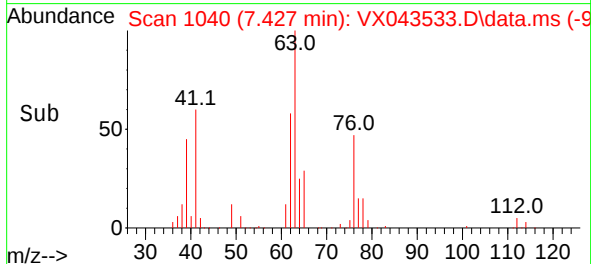
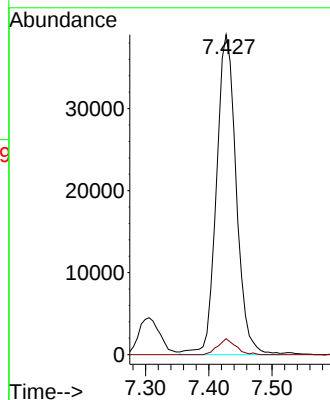
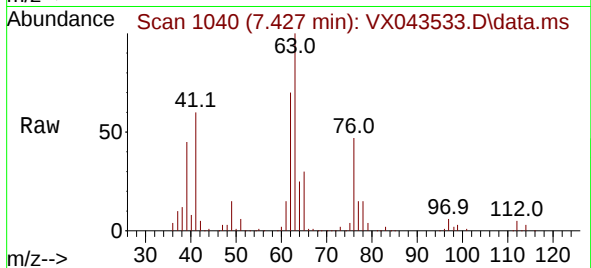
ClientSampleId :

Tgt Ion: 63 Resp: 84686

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 46.972 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

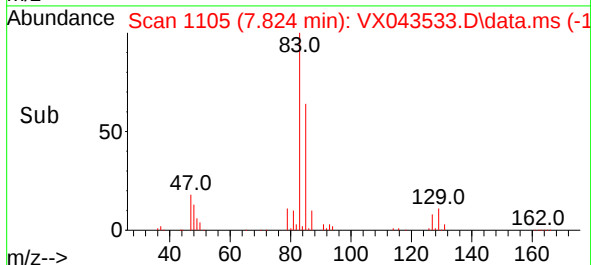
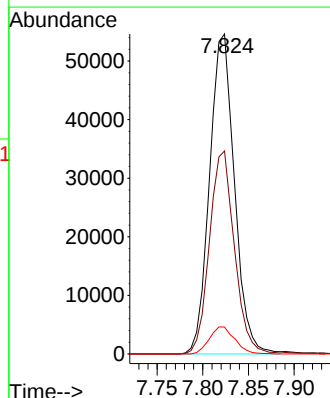
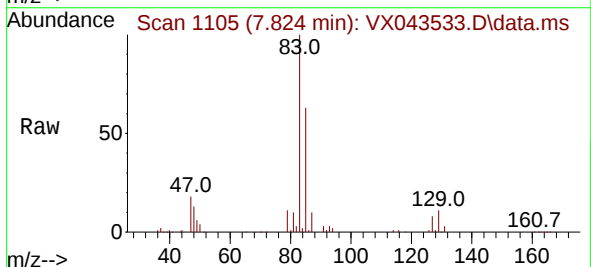
Tgt Ion: 83 Resp: 103473

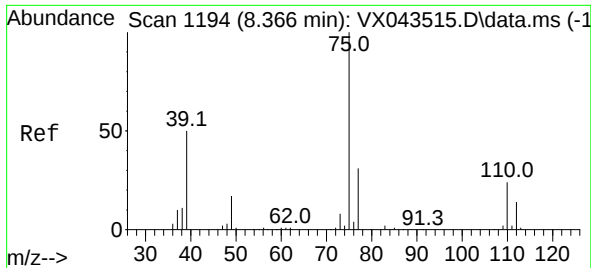
Ion Ratio Lower Upper

83 100

85 63.5 43.5 80.9

127 8.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 49.895 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

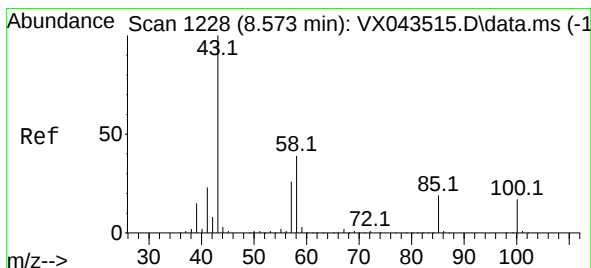
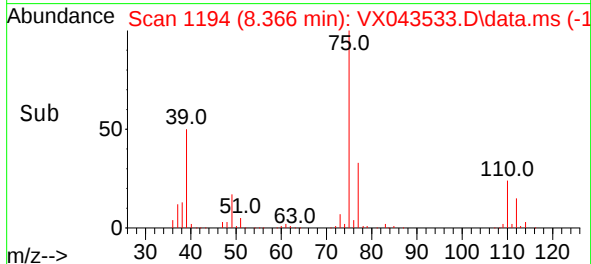
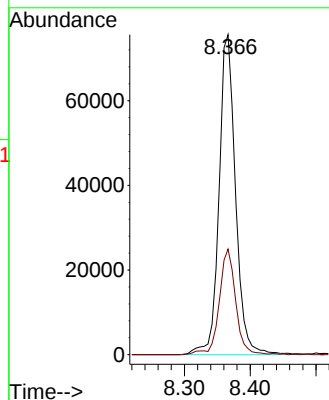
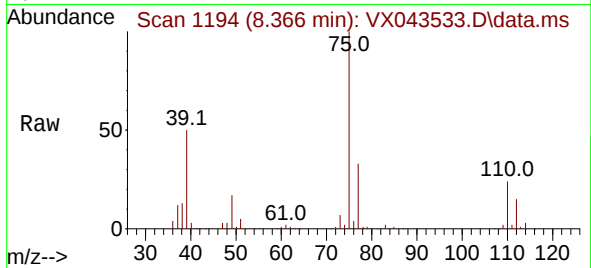
ClientSampleId :

Tgt Ion: 75 Resp: 131972

Ion Ratio Lower Upper

75 100

77 33.0 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 107.718 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

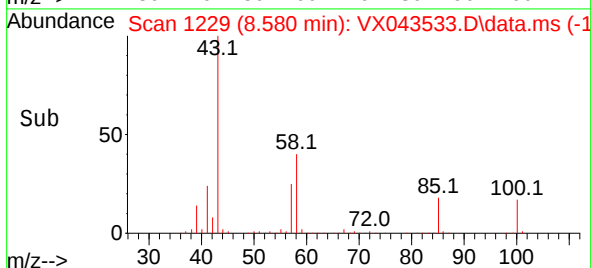
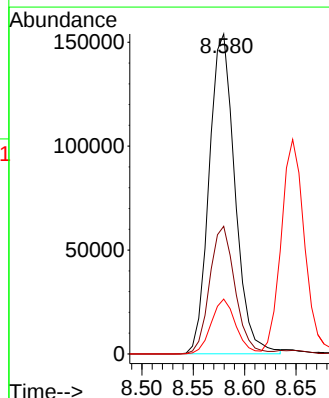
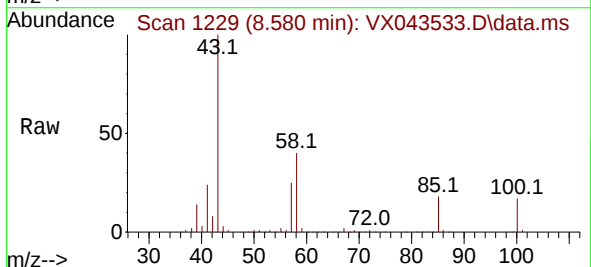
Tgt Ion: 43 Resp: 268545

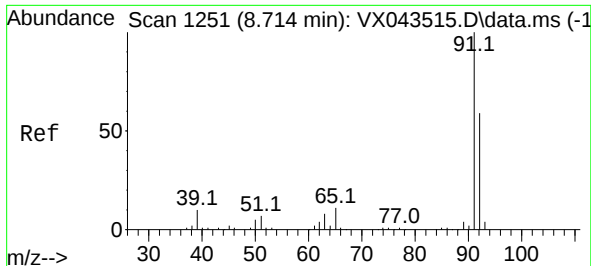
Ion Ratio Lower Upper

43 100

58 39.3 31.1 46.7

100 16.5 13.0 19.4





#42

Toluene

Concen: 51.550 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

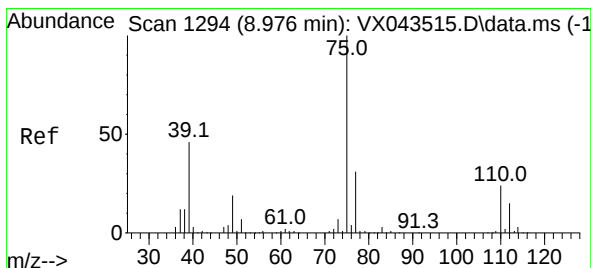
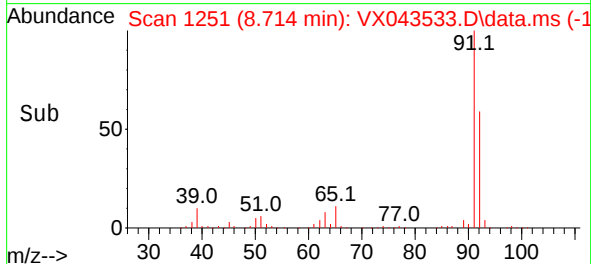
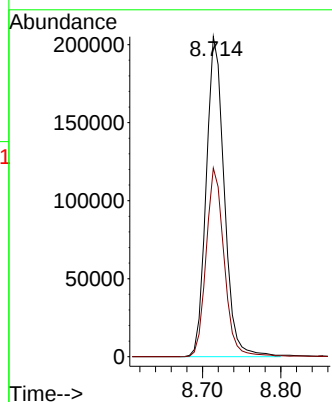
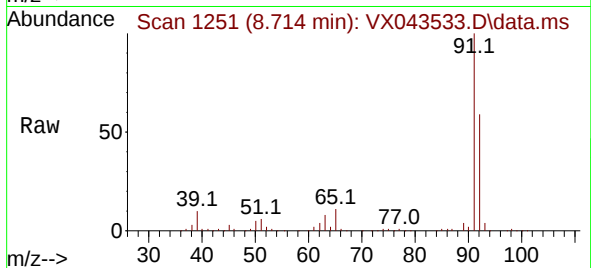
ClientSampleId :

Tgt Ion: 91 Resp: 327718

Ion Ratio Lower Upper

91 100

92 59.0 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 48.710 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043533.D

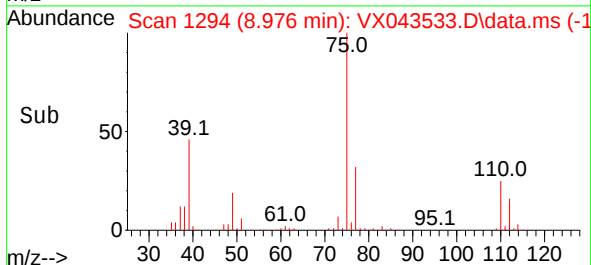
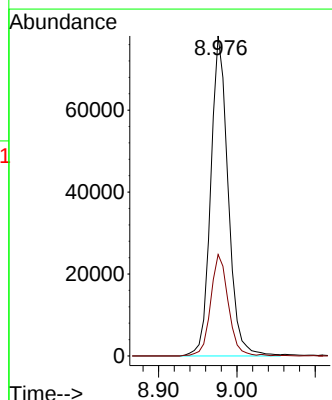
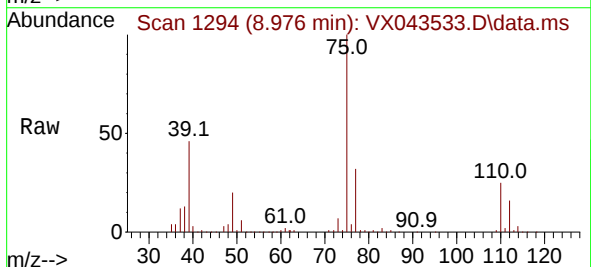
Acq: 25 Oct 2024 19:06

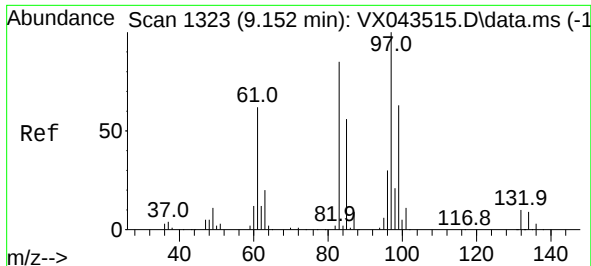
Tgt Ion: 75 Resp: 120647

Ion Ratio Lower Upper

75 100

77 31.7 22.9 42.5

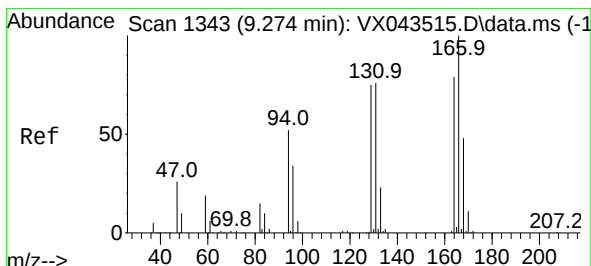
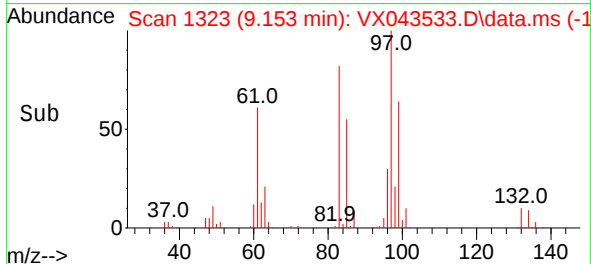
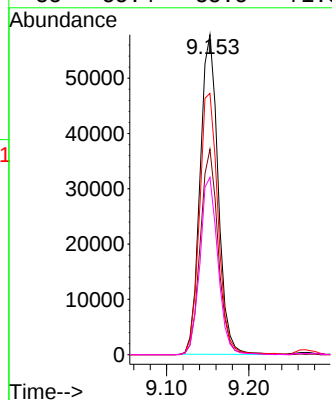
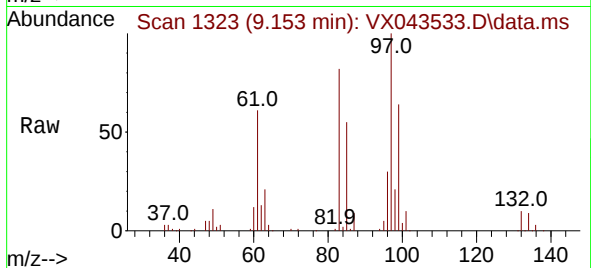




#45
1,1,2-Trichloroethane
Concen: 53.475 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

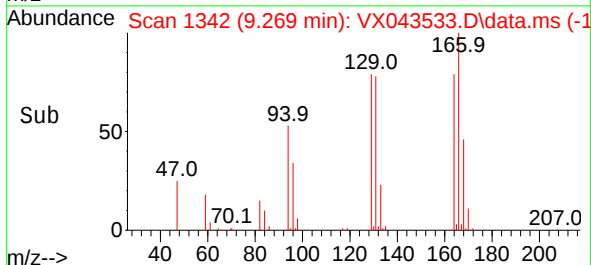
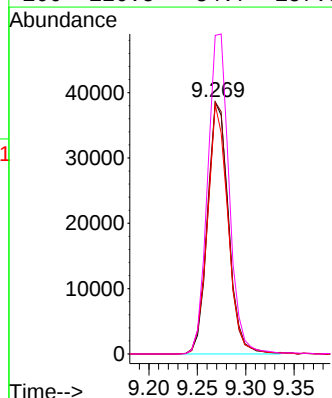
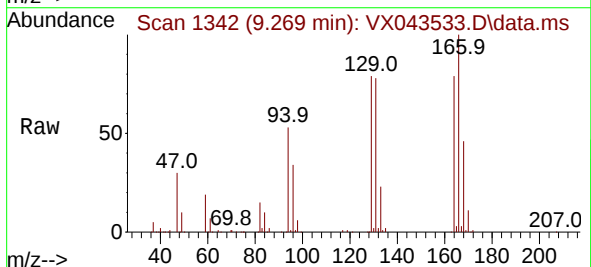
Instrument :
MSVOA_X
ClientSampleId :

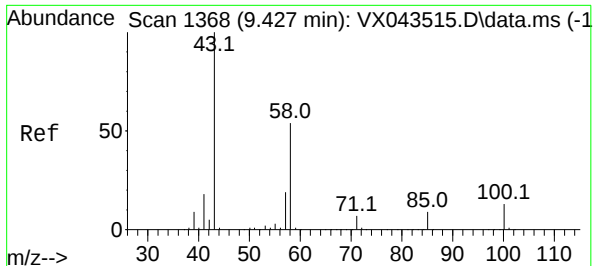
Tgt Ion: 97	Resp: 88095
Ion Ratio	Lower Upper
97 100	
99 64.2	44.7 83.1
83 81.7	58.9 109.3
85 55.4	38.5 71.5



#46
Tetrachloroethene
Concen: 48.882 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Tgt	Ion:164	Resp:	57794
	Ratio	Lower	Upper
164	100		
129	100.0	69.9	129.9
131	99.0	64.0	119.0
166	126.5	84.7	157.3



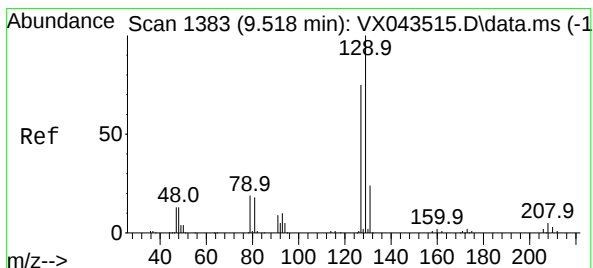
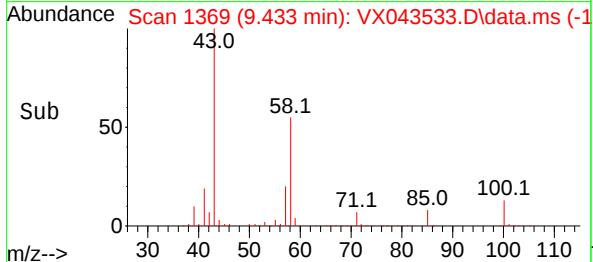
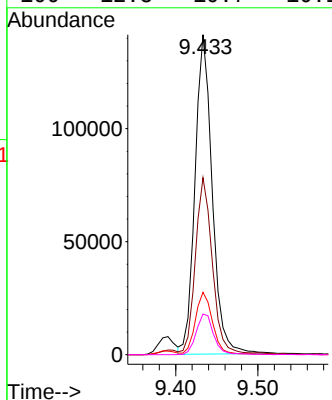
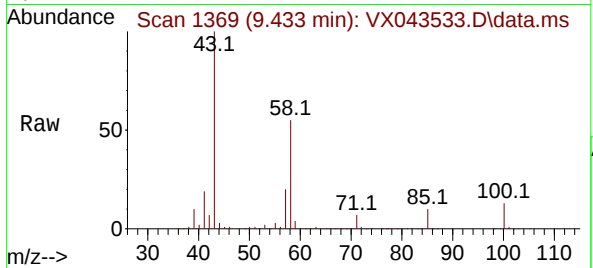


#48
2-Hexanone
Concen: 108.183 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 206019

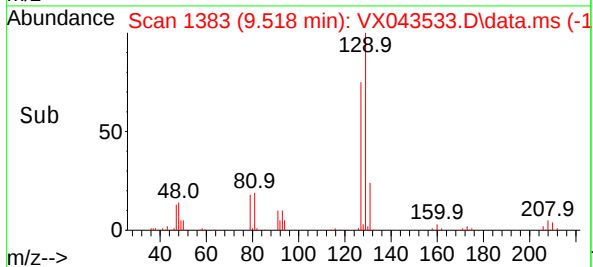
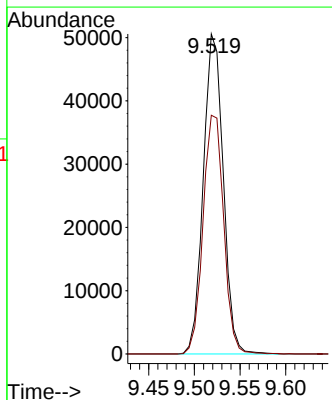
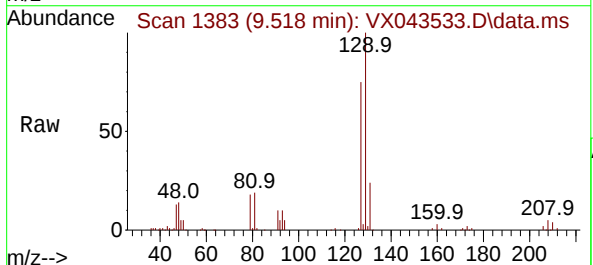
Ion	Ratio	Lower	Upper
43	100		
58	53.4	44.6	67.0
57	19.4	16.2	24.2
100	12.8	10.7	16.1

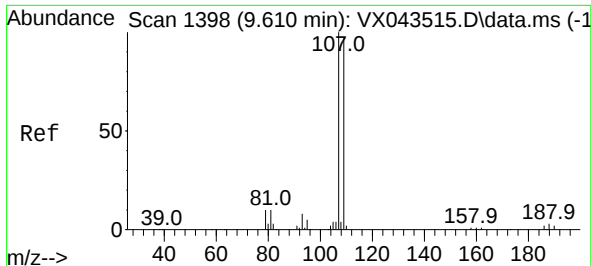


#49
Dibromochloromethane
Concen: 47.065 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Tgt Ion: 129 Resp: 76744

Ion	Ratio	Lower	Upper
129	100		
127	74.6	54.0	100.4

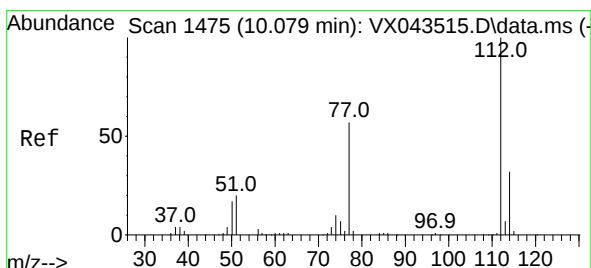
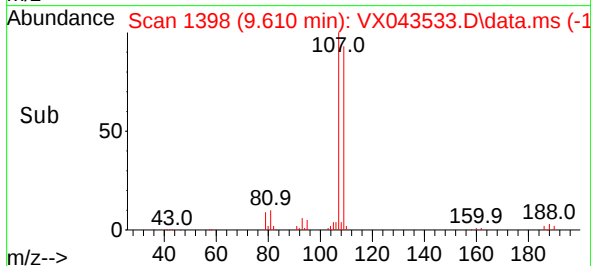
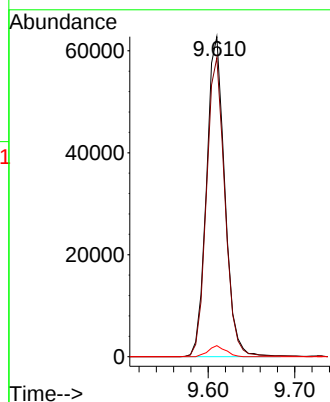
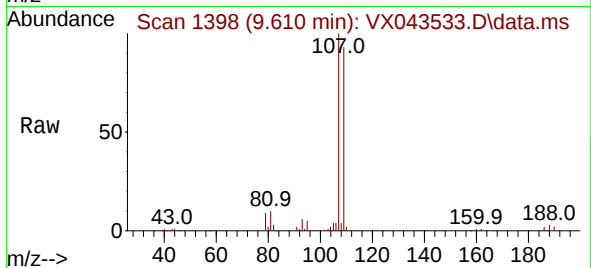




#50
1,2-Dibromoethane
Concen: 52.292 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

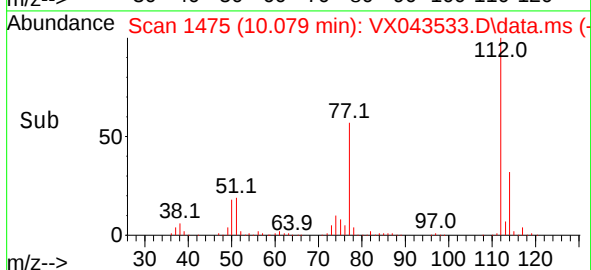
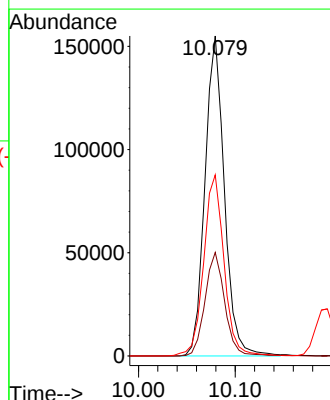
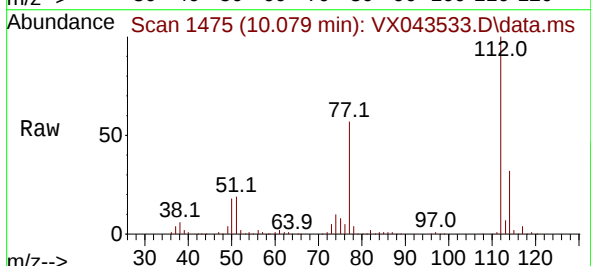
Instrument :
MSVOA_X
ClientSampleId :

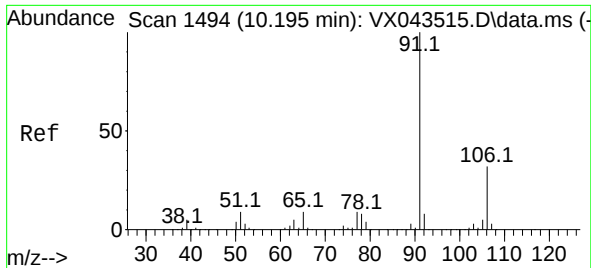
Tgt Ion:107 Resp: 92040
Ion Ratio Lower Upper
107 100
109 93.4 65.0 120.6
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 51.657 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Tgt Ion:112 Resp: 216827
Ion Ratio Lower Upper
112 100
114 32.3 23.4 43.4
77 56.6 46.1 69.1

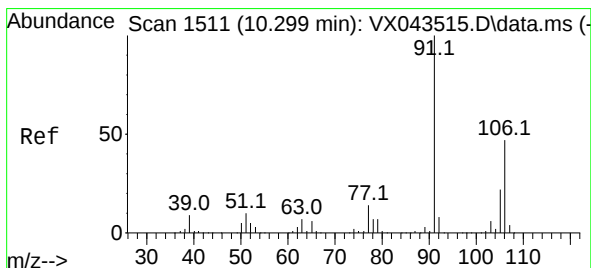
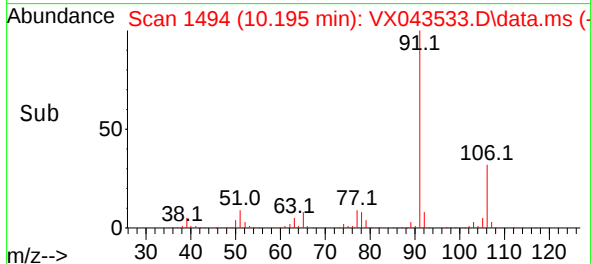
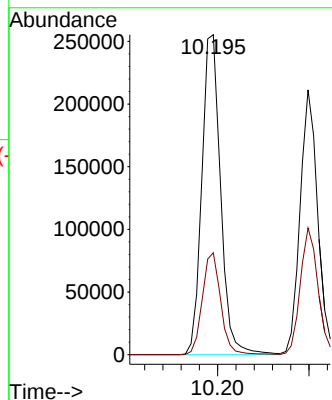
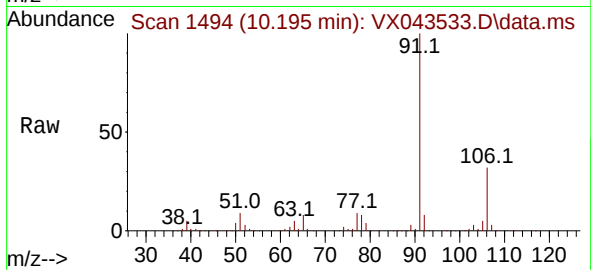




#52
Ethylbenzene
Concen: 50.978 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

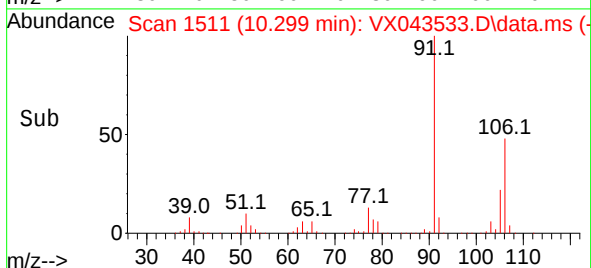
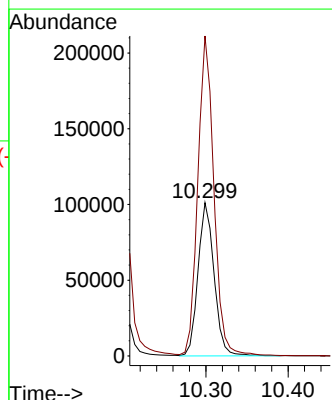
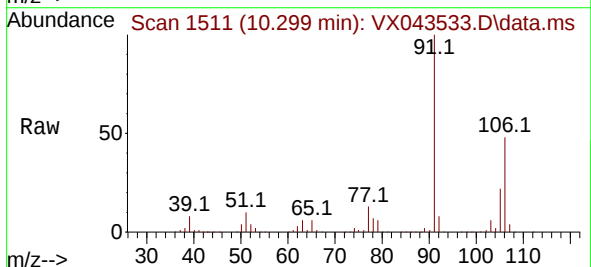
Instrument :
MSVOA_X
ClientSampleId :

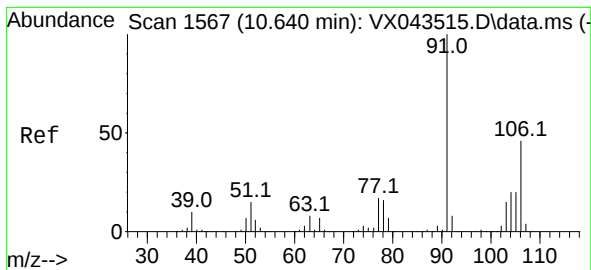
Tgt Ion: 91 Resp: 363574
Ion Ratio Lower Upper
91 100
106 31.9 20.9 38.7



#53
m,p-Xylene
Concen: 51.532 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043533.D
Acq: 25 Oct 2024 19:06

Tgt Ion:106 Resp: 137417
Ion Ratio Lower Upper
106 100
91 208.8 149.0 276.8





#54

o-Xylene

Concen: 52.537 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

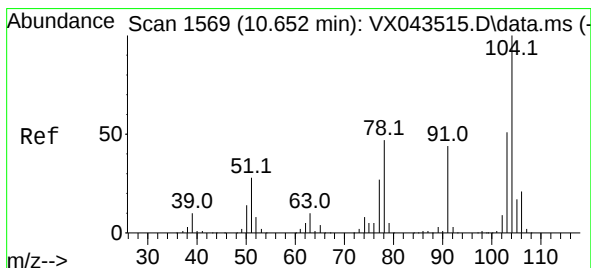
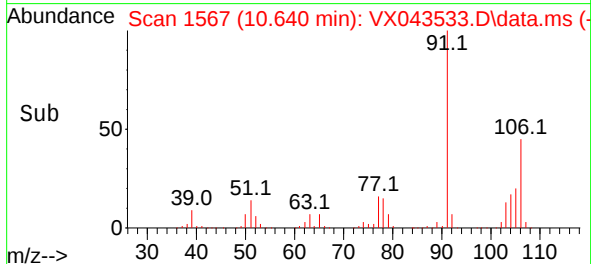
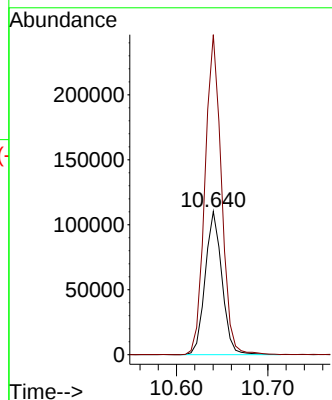
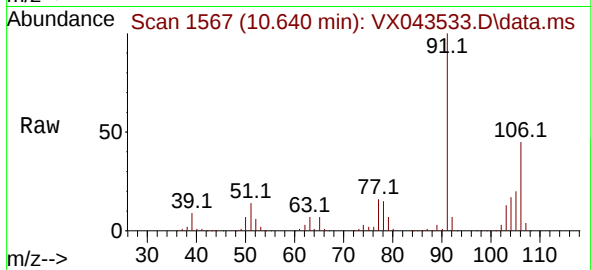
ClientSampleId :

Tgt Ion:106 Resp: 140313

Ion Ratio Lower Upper

106 100

91 223.4 152.9 284.1



#55

Styrene

Concen: 52.502 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043533.D

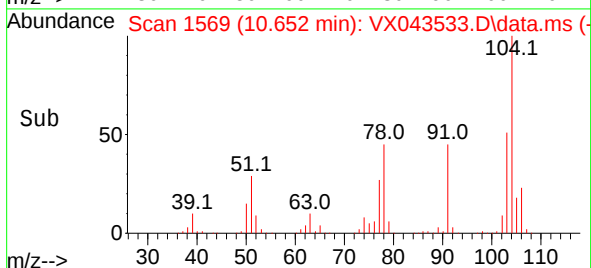
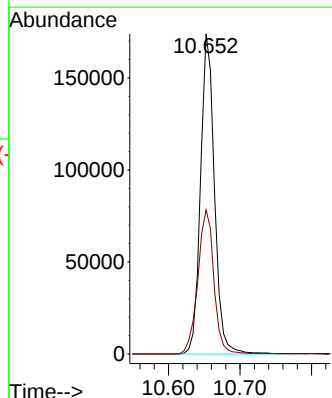
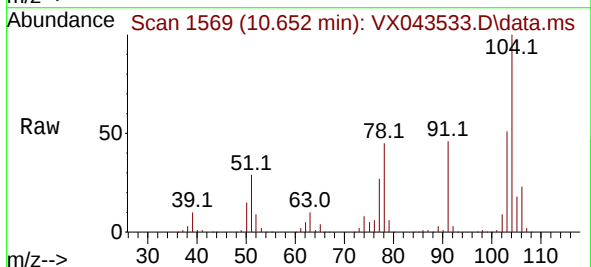
Acq: 25 Oct 2024 19:06

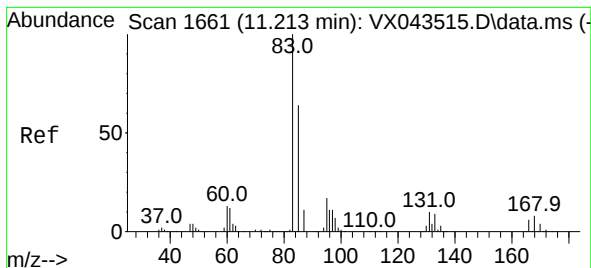
Tgt Ion:104 Resp: 235589

Ion Ratio Lower Upper

104 100

78 45.0 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 56.029 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

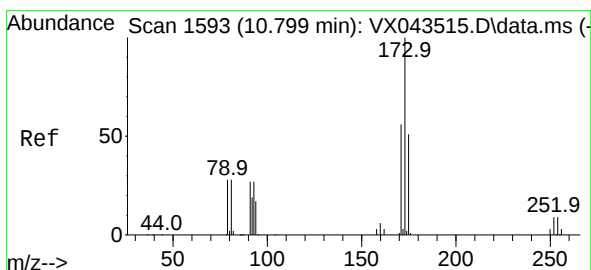
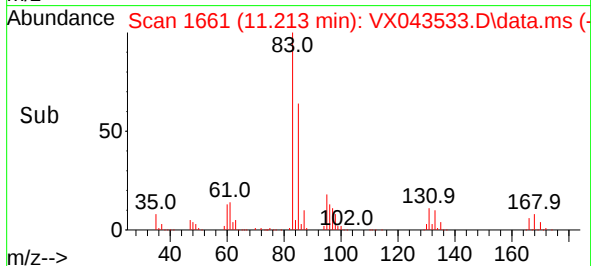
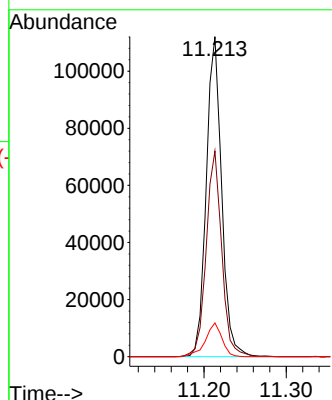
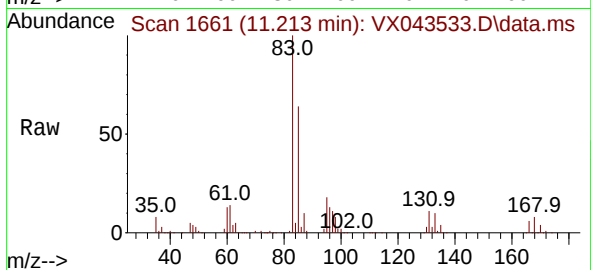
Tgt Ion: 83 Resp: 145655

Ion Ratio Lower Upper

83 100

85 64.3 44.7 82.9

131 10.5 8.2 12.4



#59

Bromoform

Concen: 46.495 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

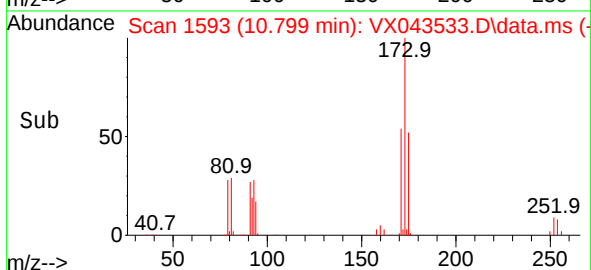
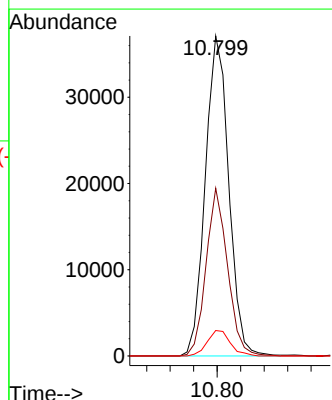
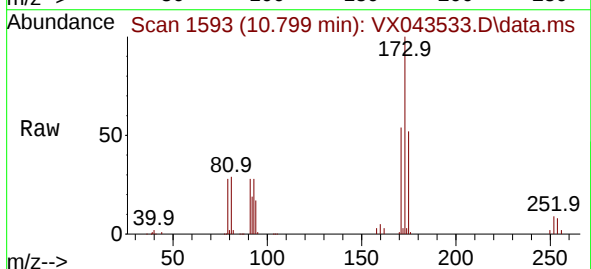
Tgt Ion:173 Resp: 51505

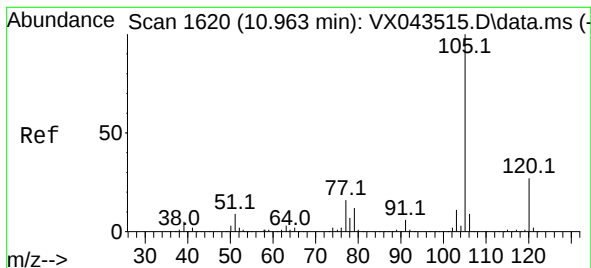
Ion Ratio Lower Upper

173 100

175 48.0 38.4 57.6

254 7.9 6.6 9.8





#60

Isopropylbenzene

Concen: 51.113 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

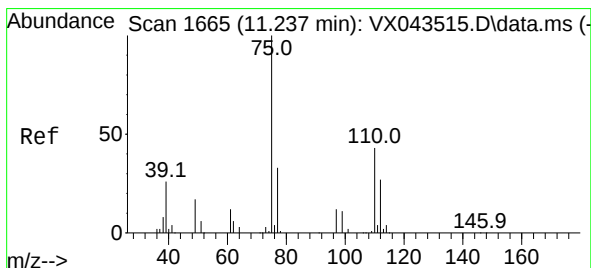
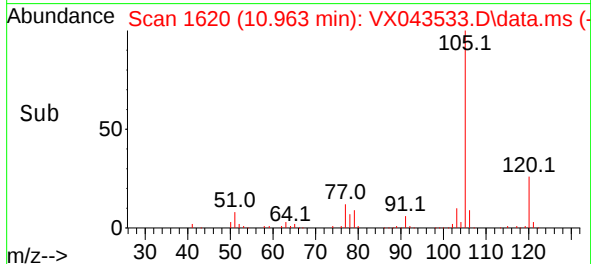
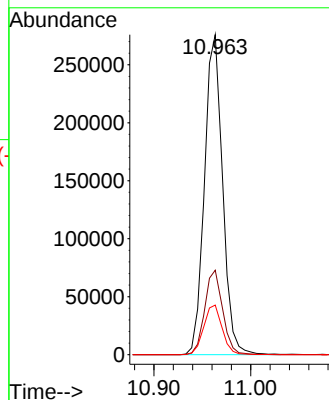
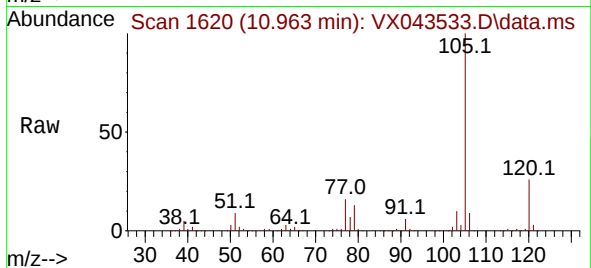
Tgt Ion:105 Resp: 360679

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 55.810 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

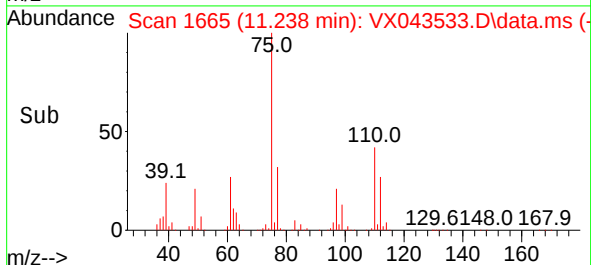
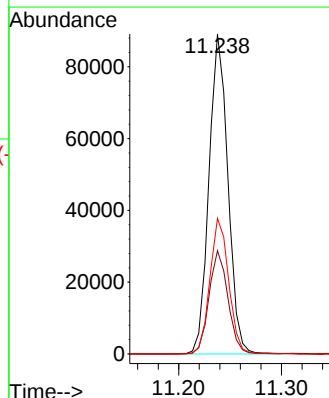
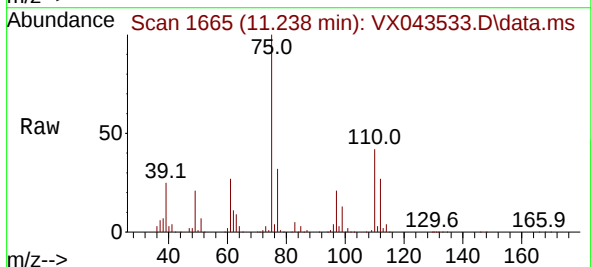
Tgt Ion: 75 Resp: 113899

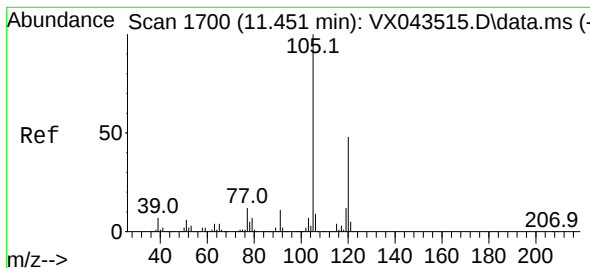
Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

110 42.0 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 52.358 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

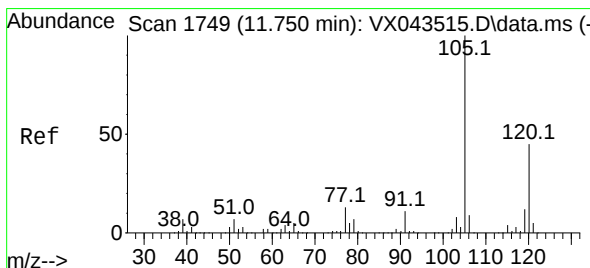
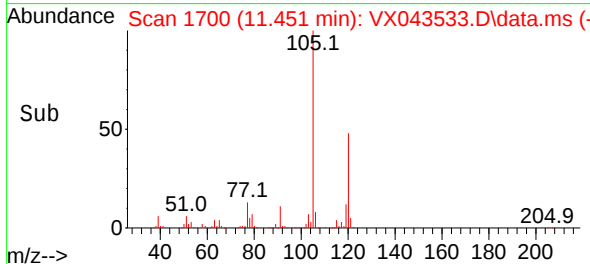
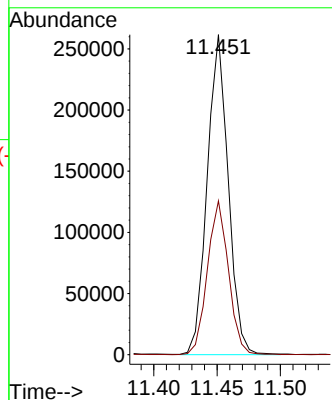
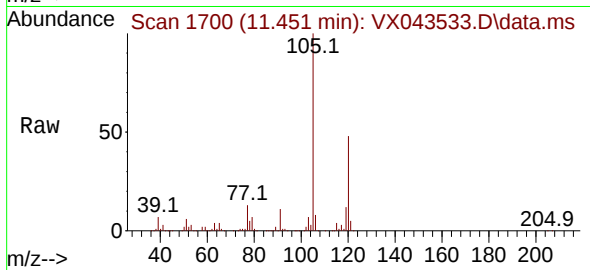
ClientSampleId :

Tgt Ion:105 Resp: 303068

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 52.726 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043533.D

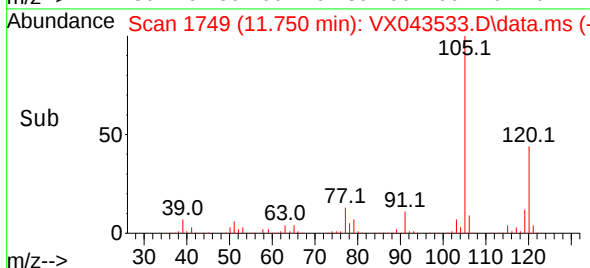
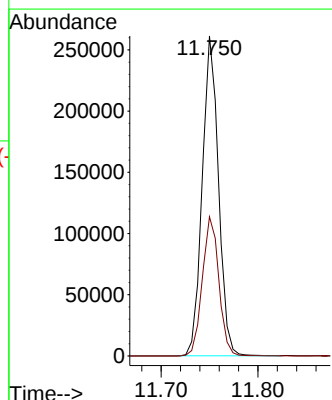
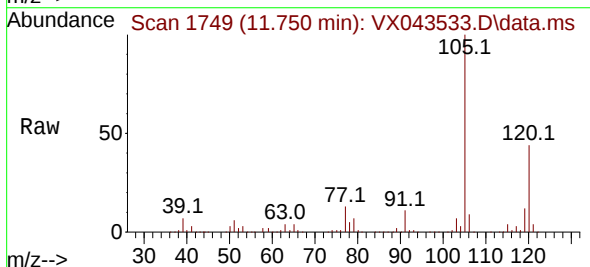
Acq: 25 Oct 2024 19:06

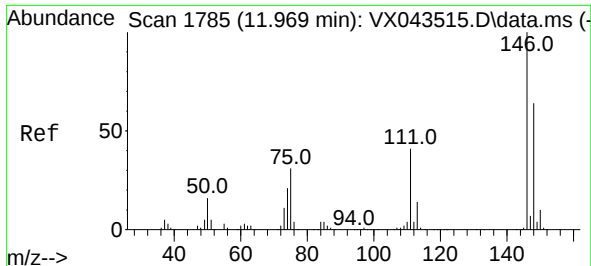
Tgt Ion:105 Resp: 305555

Ion Ratio Lower Upper

105 100

120 44.3 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 50.894 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

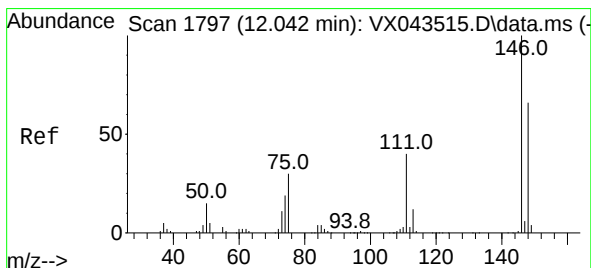
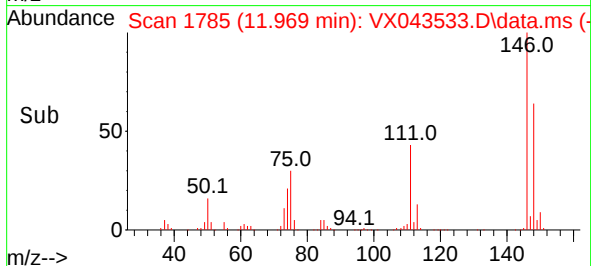
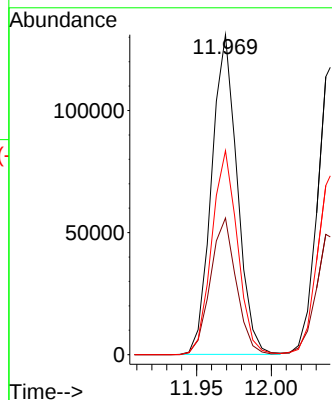
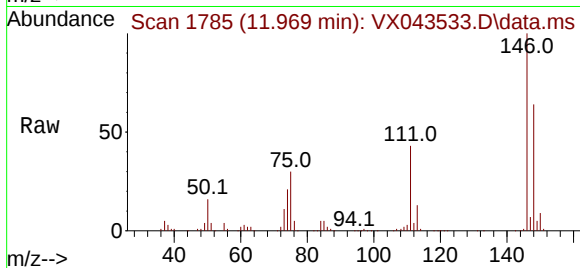
Tgt Ion:146 Resp: 155885

Ion Ratio Lower Upper

146 100

111 42.7 28.6 53.0

148 63.7 45.8 85.0



#65

1,4-Dichlorobenzene

Concen: 50.369 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

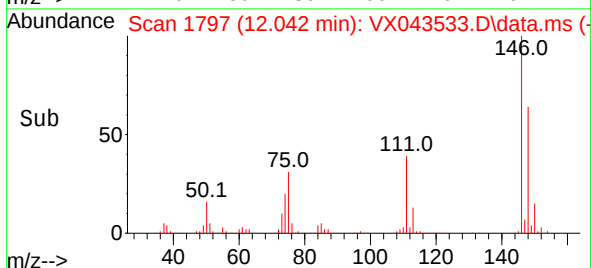
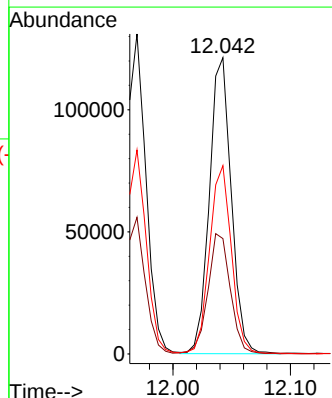
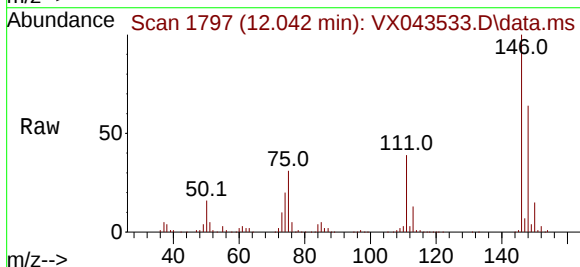
Tgt Ion:146 Resp: 157087

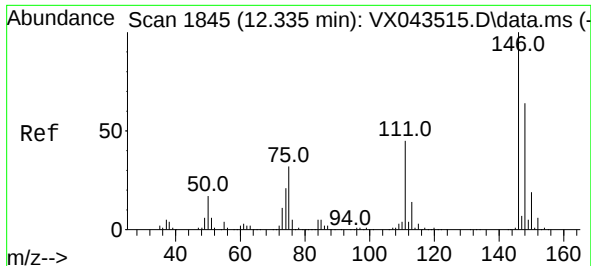
Ion Ratio Lower Upper

146 100

111 38.9 26.8 49.8

148 63.6 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 54.737 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

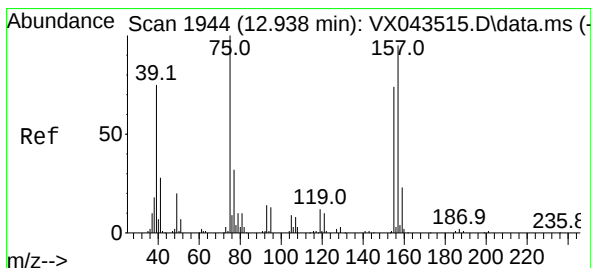
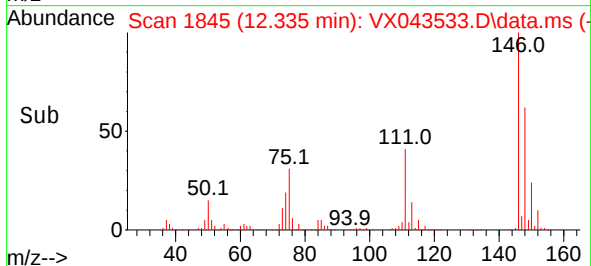
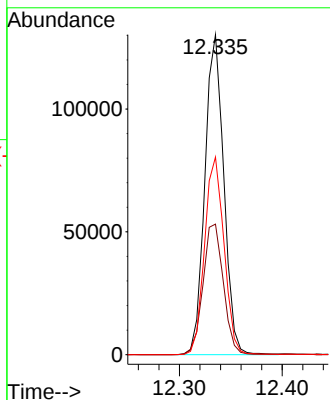
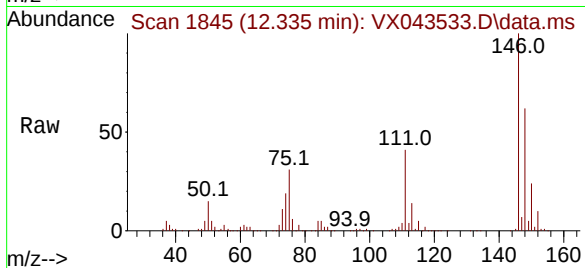
Tgt Ion:146 Resp: 166692

Ion Ratio Lower Upper

146 100

111 40.8 34.6 51.8

148 61.7 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 51.851 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

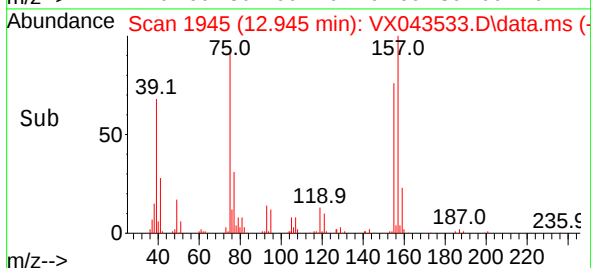
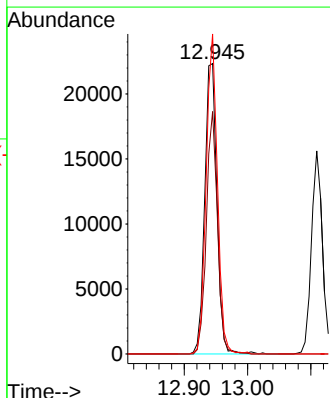
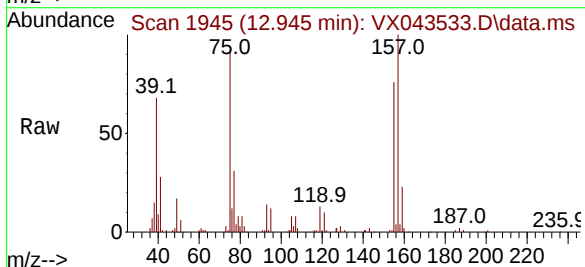
Tgt Ion: 75 Resp: 30004

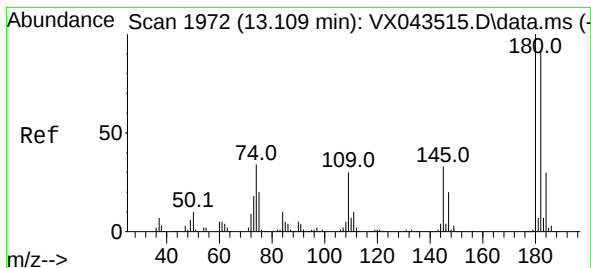
Ion Ratio Lower Upper

75 100

155 83.5 56.9 85.3

157 110.2 76.8 115.2





#69

1,3,5-Trichlorobenzene

Concen: 49.023 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

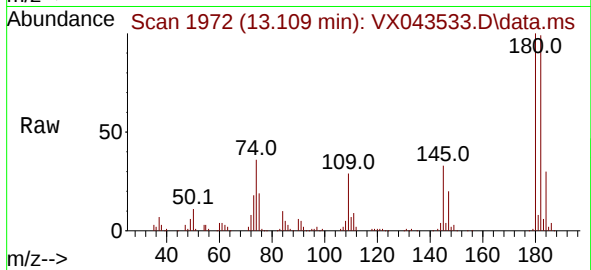
Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 100886

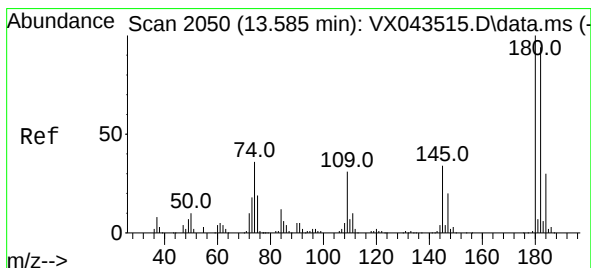
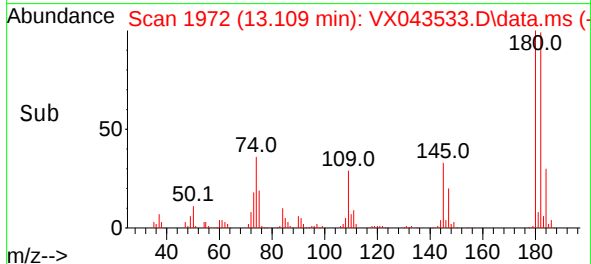
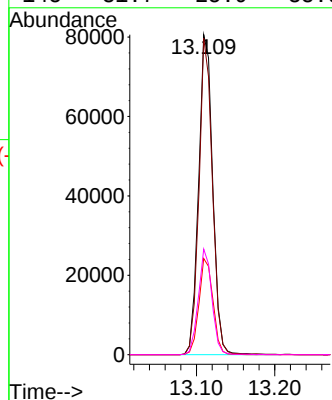
Ion Ratio Lower Upper

180 100

182 94.2 74.1 111.1

184 29.9 23.1 34.7

145 31.7 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 49.241 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

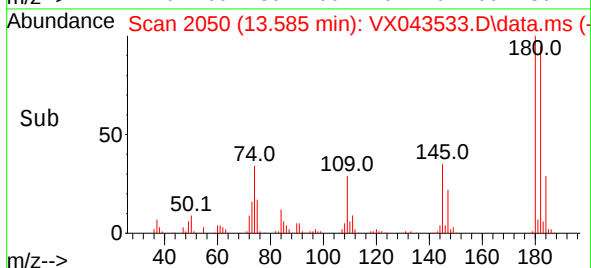
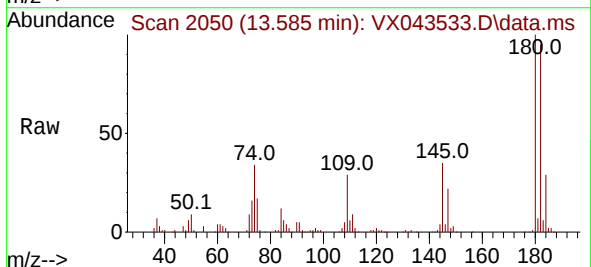
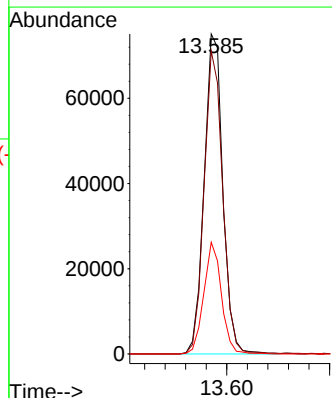
Tgt Ion:180 Resp: 94914

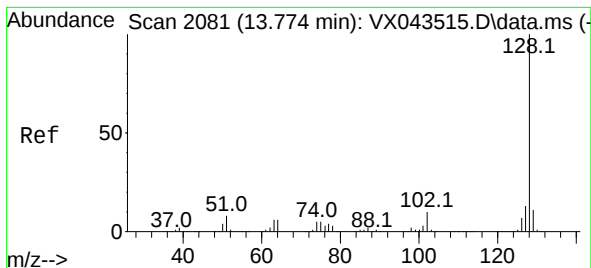
Ion Ratio Lower Upper

180 100

182 93.7 74.9 112.3

145 33.0 26.6 40.0





#71

Naphthalene

Concen: 54.522 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Instrument :

MSVOA_X

ClientSampleId :

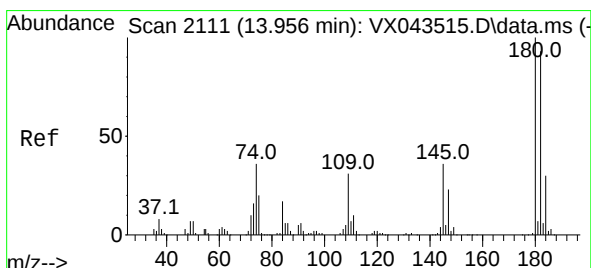
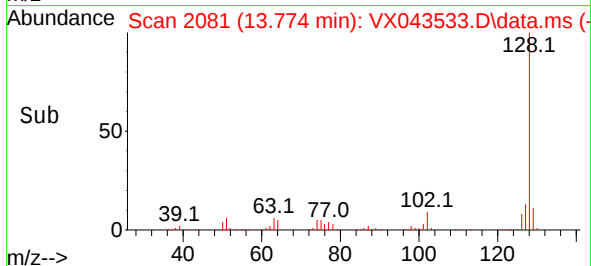
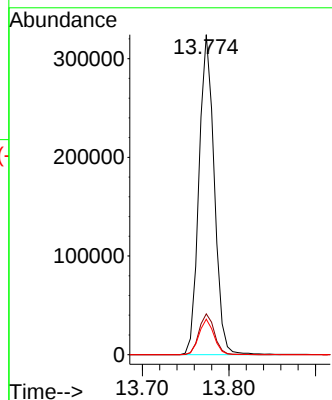
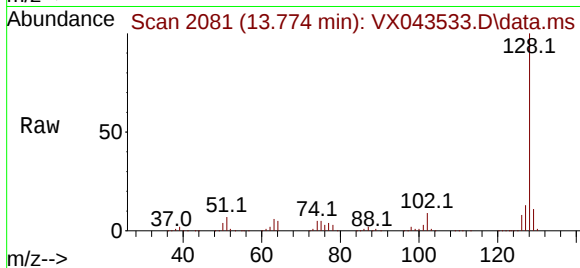
Tgt Ion:128 Resp: 396790

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 51.912 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX043533.D

Acq: 25 Oct 2024 19:06

Tgt Ion:180 Resp: 100118

Ion Ratio Lower Upper

180 100

182 93.9 77.4 116.0

145 34.9 28.6 43.0

