

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102224\
 Data File : VX043475.D
 Acq On : 22 Oct 2024 10:02
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 01:45:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 23 01:43:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	125025	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	113359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53931	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	74678	106.413	ug/L	0.00
7) Chloroethane-d5	1.654	69	33410	98.315	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.300	65	34663	105.863	ug/L	0.00
21) 2-Butanone-d5	4.464	46	89412	198.308	ug/L	-0.01
24) Chloroform-d	5.062	84	185475	106.811	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	110886	100.415	ug/L	0.00
32) Benzene-d6	5.970	84	336289	106.488	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	102706	105.483	ug/L	0.00
41) Toluene-d8	8.647	98	306646	106.748	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	46085	109.176	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	61238	202.005	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	110139	101.485	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	106137	102.232	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	102917	106.056	ug/L	98
3) Chloromethane	1.294	50	104188	107.144	ug/L	98
5) Vinyl chloride	1.380	62	96675	107.245	ug/L	98
6) Bromomethane	1.599	94	39113	103.996	ug/L	94
8) Chloroethane	1.672	64	32558	93.823	ug/L	95
9) Trichlorofluoromethane	1.867	101	132640	108.391	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	77080	107.333	ug/L	99
12) 1,1-Dichloroethene	2.312	96	72615	109.472	ug/L	95
13) Acetone	2.398	43	79112	177.439	ug/L	98
14) Carbon disulfide	2.507	76	164900	111.411	ug/L	96
15) Methyl Acetate	2.715	43	73502	94.344	ug/L	98
16) Methylene chloride	2.788	84	85410	103.581	ug/L	92
17) trans-1,2-Dichloroethene	3.087	96	79936	108.674	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	262586	103.142	ug/L	100
19) 1,1-Dichloroethane	3.611	63	162857	108.472	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	96667	106.900	ug/L	95
22) 2-Butanone	4.574	43	105021	194.942	ug/L	97
23) Bromochloromethane	4.897	128	44968	105.471	ug/L	94
25) Chloroform	5.092	83	177622	107.320	ug/L	96
27) 1,2-Dichloroethane	6.086	62	131297	103.114	ug/L #	93
29) Cyclohexane	5.464	56	129716	105.887	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	149161	109.726	ug/L	99
31) Carbon tetrachloride	5.678	117	118730	109.958	ug/L	99
33) Benzene	6.037	78	349900	108.146	ug/L	100
34) Trichloroethene	7.123	95	95153	110.666	ug/L	96
35) Methylcyclohexane	7.379	83	129098	109.442	ug/L	99
37) 1,2-Dichloropropane	7.427	63	90765	107.909	ug/L	99
38) Bromodichloromethane	7.824	83	115634	107.396	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	145071	112.677	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	196214	201.517	ug/L	99
42) Toluene	8.720	91	367320	109.970	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	125642	113.454	ug/L	97

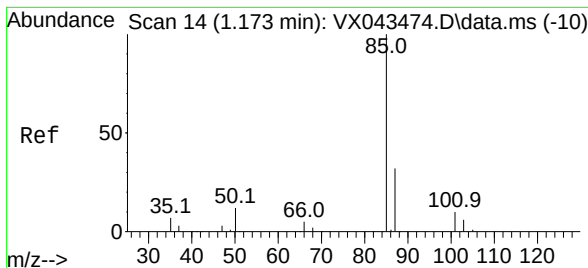
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102224\
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 Quant Title : VOC Analysis
 QLast Update : Wed Oct 23 01:43:03 2024
 Response via : Initial Calibration

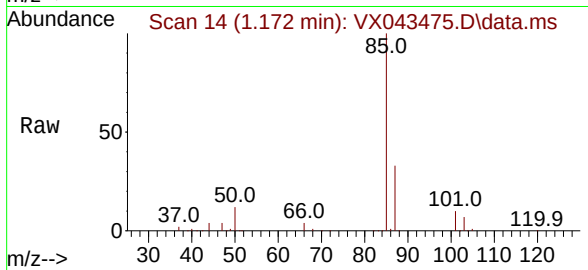
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	78971	103.384	ug/L	99
46) Tetrachloroethene	9.275	164	63686	109.519	ug/L	97
48) 2-Hexanone	9.433	43	152445	200.687	ug/L	96
49) Dibromochloromethane	9.518	129	77541	108.763	ug/L	98
50) 1,2-Dibromoethane	9.610	107	81263	103.223	ug/L	92
51) Chlorobenzene	10.079	112	233968	106.241	ug/L	99
52) Ethylbenzene	10.195	91	400592	110.375	ug/L	99
53) m,p-Xylene	10.299	106	151472	111.372	ug/L	94
54) o-Xylene	10.640	106	149749	107.529	ug/L	98
55) Styrene	10.652	104	258473	111.742	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	109369	100.716	ug/L	99
59) Bromoform	10.799	173	44966	105.174	ug/L	99
60) Isopropylbenzene	10.963	105	380517	107.009	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	88291	97.605	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	328828	108.200	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	334558	108.292	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	172130	106.086	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	171309	102.928	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	170439	105.401	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	20677	99.984	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.109	180	116533	110.497	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	96648	109.573	ug/L	99
71) Naphthalene	13.774	128	276220	106.462	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	94392	106.433	ug/L	99

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

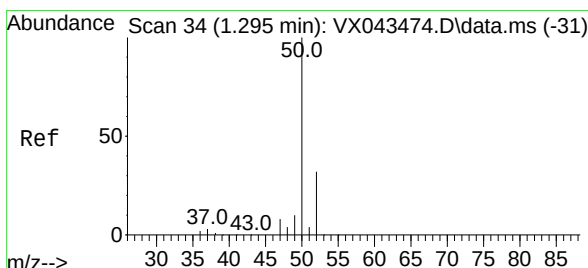
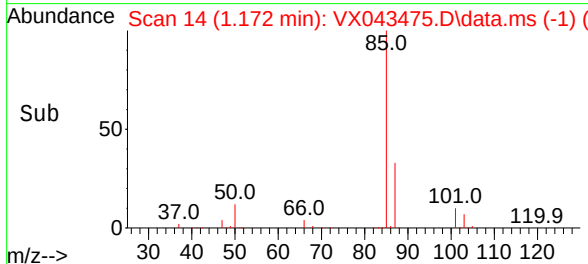
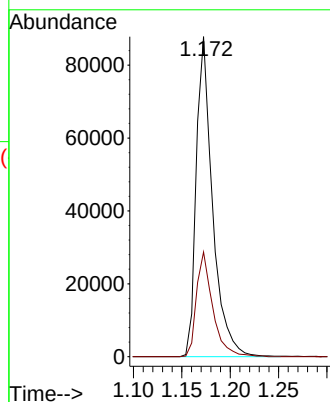


#2
Dichlorodifluoromethane
Concen: 106.056 ug/L
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :

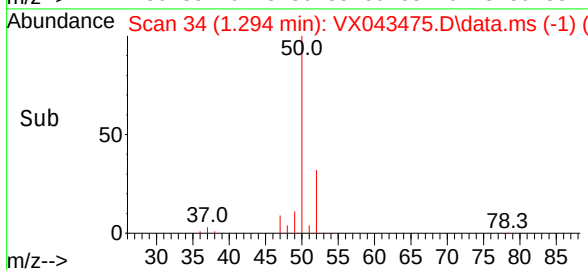
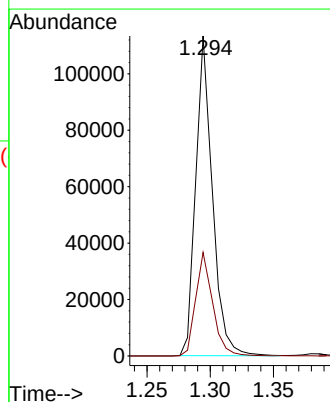
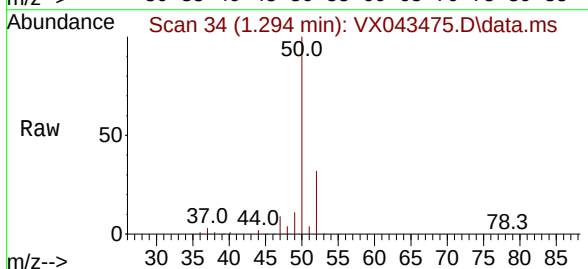


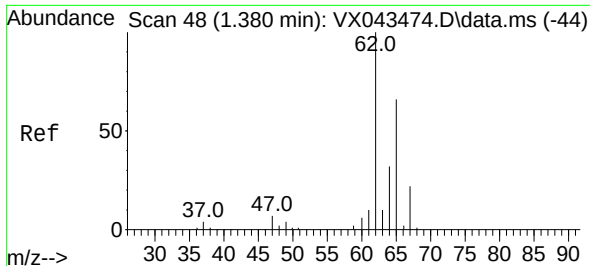
Tgt Ion: 85 Resp: 102917
Ion Ratio Lower Upper
85 100
87 32.7 25.0 37.6



#3
Chloromethane
Concen: 107.144 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

Tgt Ion: 50 Resp: 104188
Ion Ratio Lower Upper
50 100
52 32.3 22.0 41.0

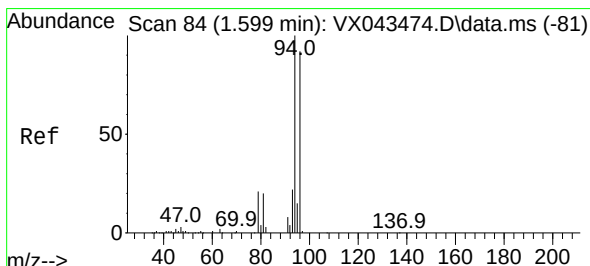
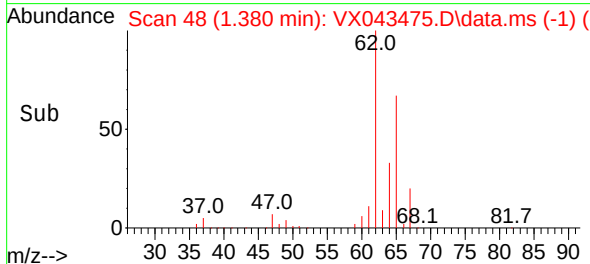
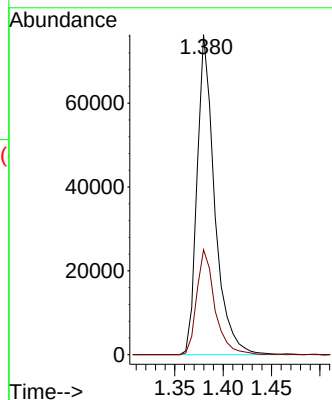
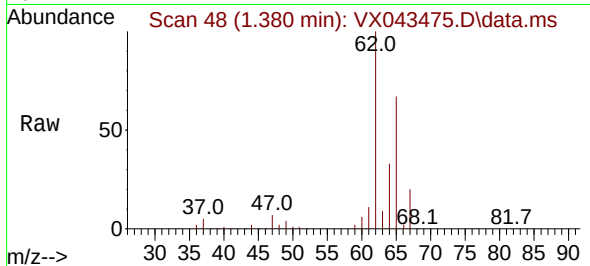




#5
 Vinyl chloride
 Concen: 107.245 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VX043475.D
 Acq: 22 Oct 2024 10:02

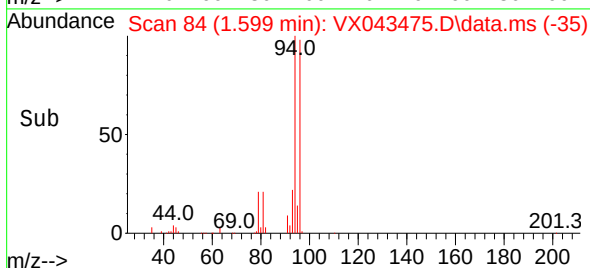
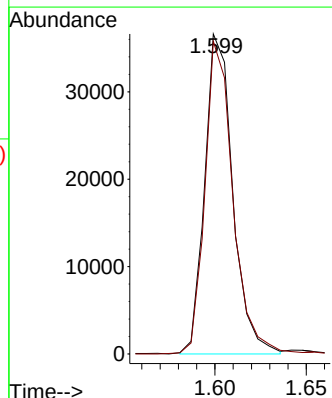
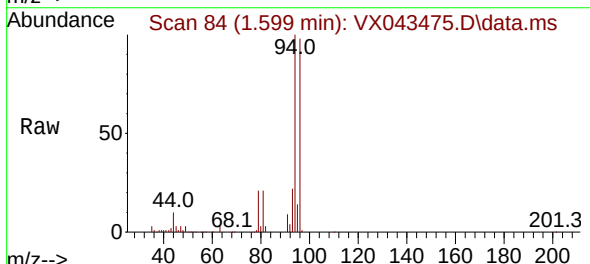
Instrument :
 MSVOA_X
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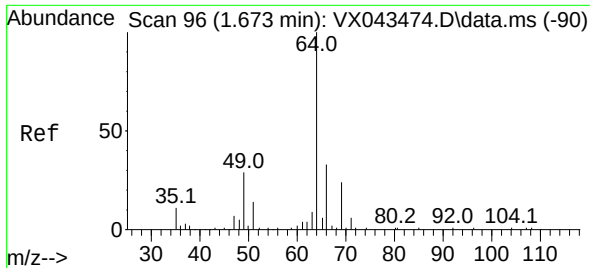
Tgt Ion: 62 Resp: 96675
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.0 41.0



#6
 Bromomethane
 Concen: 103.996 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX043475.D
 Acq: 22 Oct 2024 10:02

Tgt Ion: 94 Resp: 39113
 Ion Ratio Lower Upper
 94 100
 96 97.7 64.3 119.3

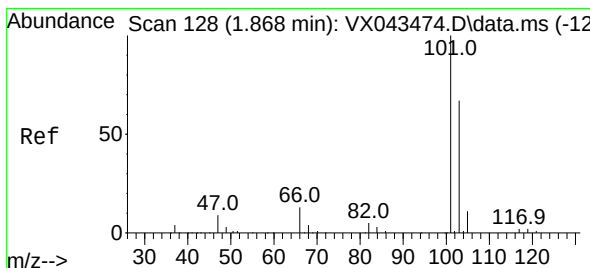
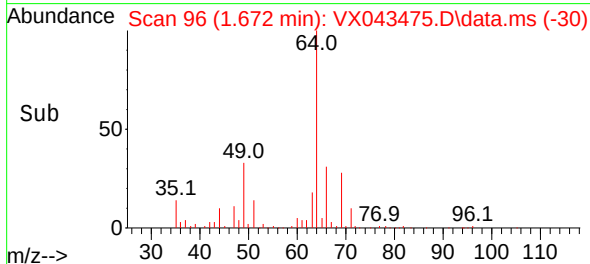
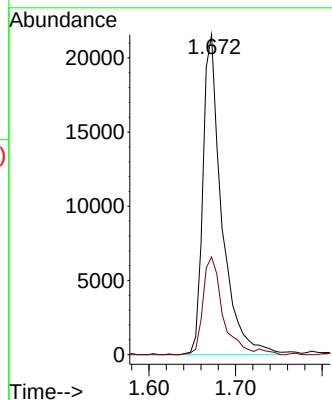
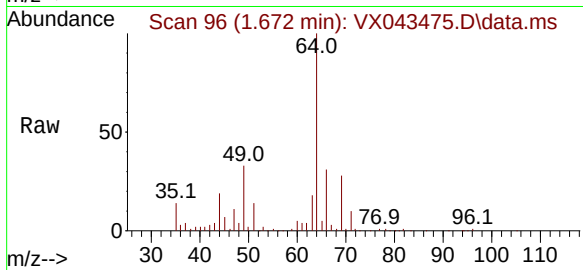




#8
Chloroethane
Concen: 93.823 ug/L
RT: 1.672 min Scan# 96
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

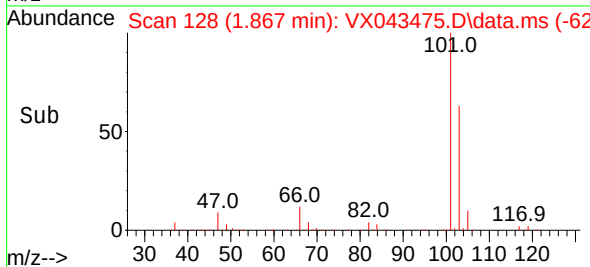
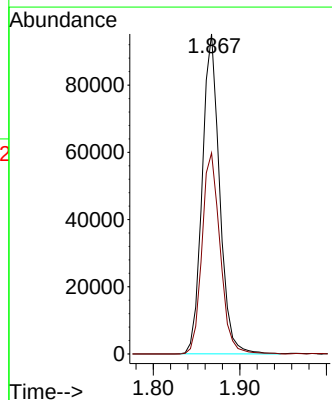
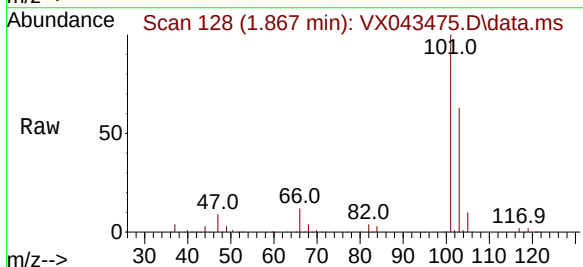
Instrument :
MSVOA_X
ClientSampleId :

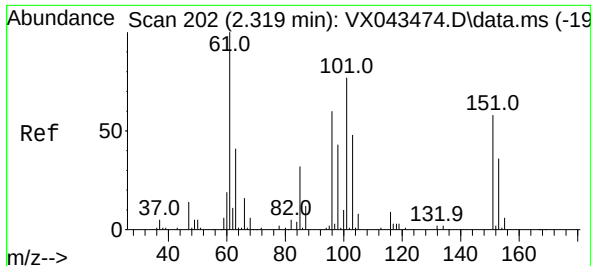
Tgt Ion: 64 Resp: 32558
Ion Ratio Lower Upper
64 100
66 30.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 108.391 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

Tgt Ion:101 Resp: 132640
Ion Ratio Lower Upper
101 100
103 65.4 50.7 76.1

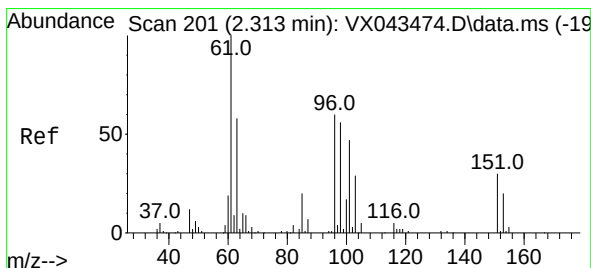
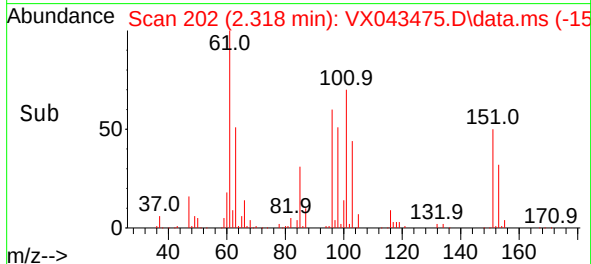
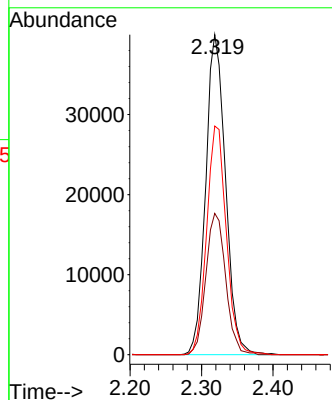
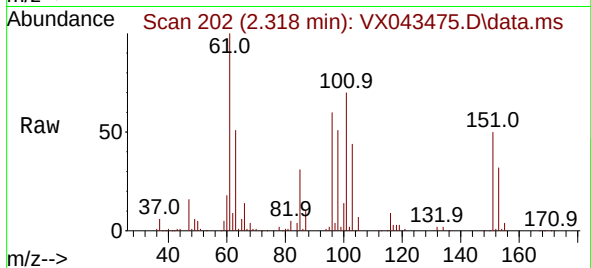




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 107.333 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

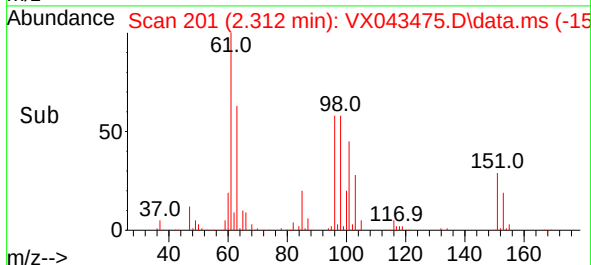
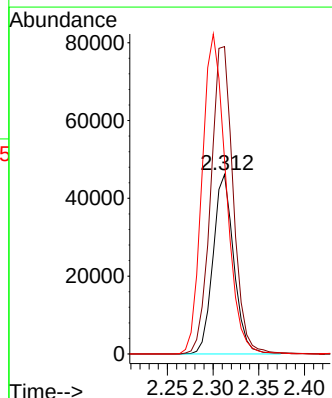
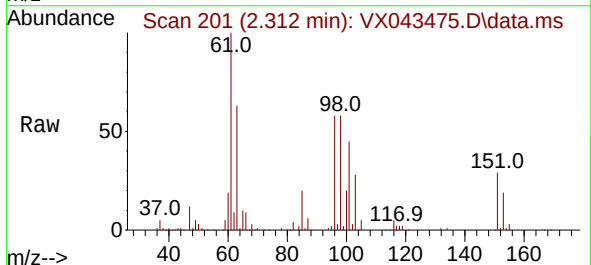
Instrument :
MSVOA_X
ClientSampleId :

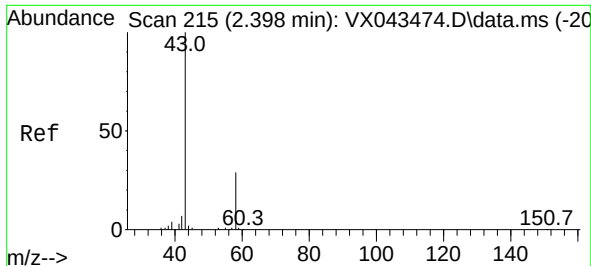
Tgt Ion:101 Resp: 77080
Ion Ratio Lower Upper
101 100
85 44.1 34.9 52.3
151 70.9 57.0 85.6



#12
1,1-Dichloroethene
Concen: 109.472 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

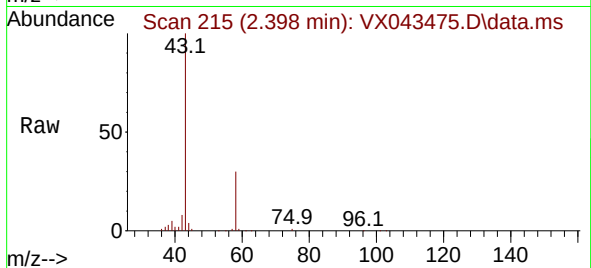
Tgt Ion: 96 Resp: 72615
Ion Ratio Lower Upper
96 100
61 171.3 117.4 218.0
63 108.5 70.1 130.3



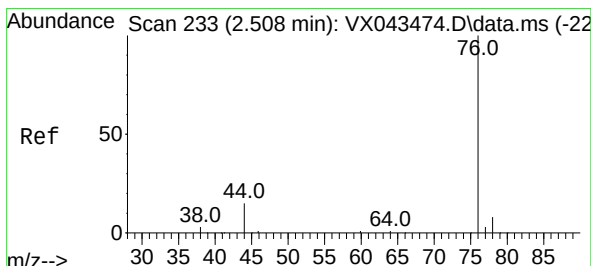
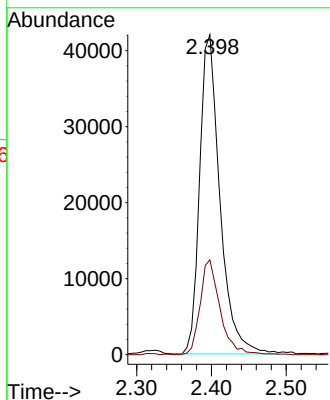
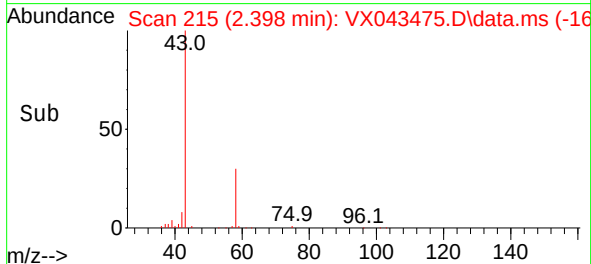


#13
Acetone
Concen: 177.439 ug/L
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

Instrument :
MSVOA_X
ClientSampleId :

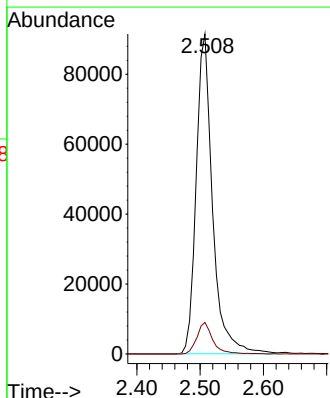
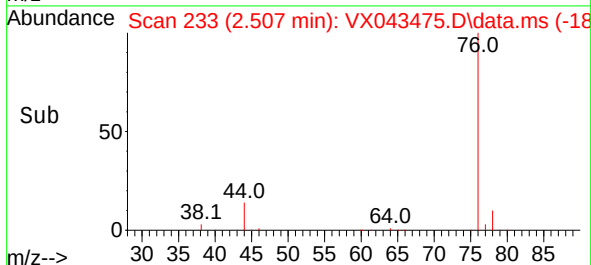
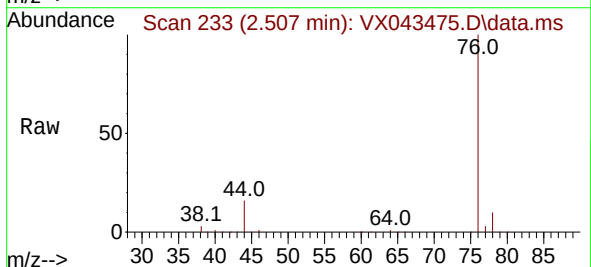


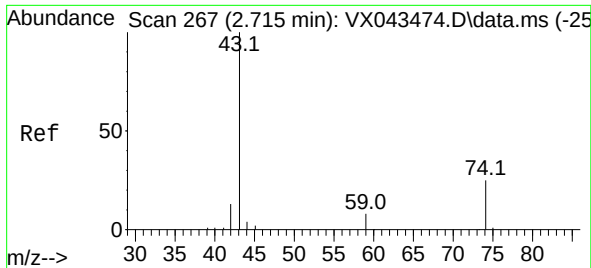
Tgt Ion: 43 Resp: 79112
Ion Ratio Lower Upper
43 100
58 29.1 0.0 60.0



#14
Carbon disulfide
Concen: 111.411 ug/L
RT: 2.507 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

Tgt Ion: 76 Resp: 164900
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2





#15

Methyl Acetate

Concen: 94.344 ug/L

RT: 2.715 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

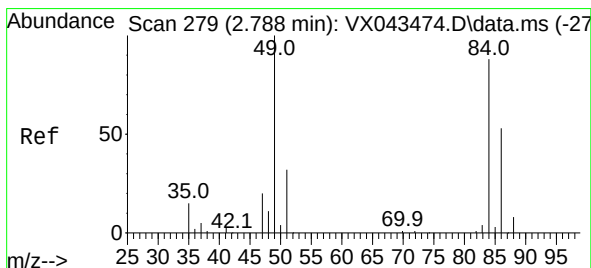
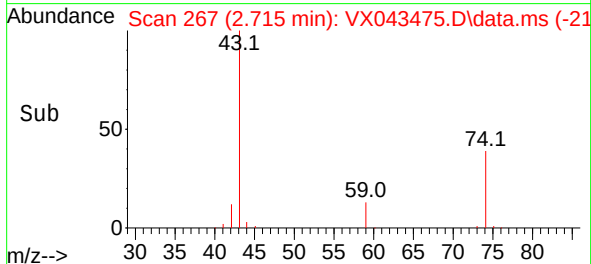
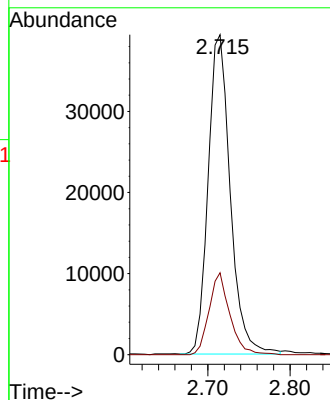
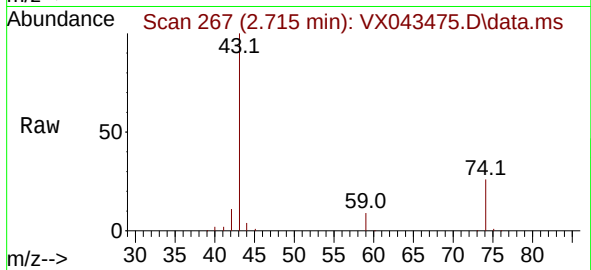
ClientSampleId :

Tgt Ion: 43 Resp: 73502

Ion Ratio Lower Upper

43 100

74 24.1 18.6 28.0



#16

Methylene chloride

Concen: 103.581 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

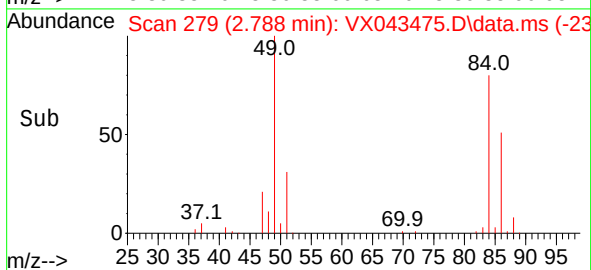
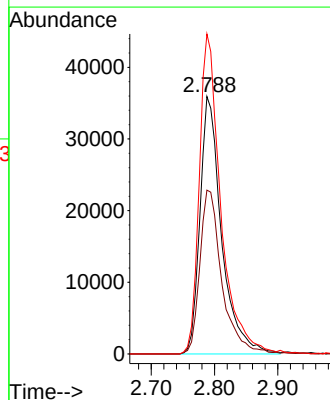
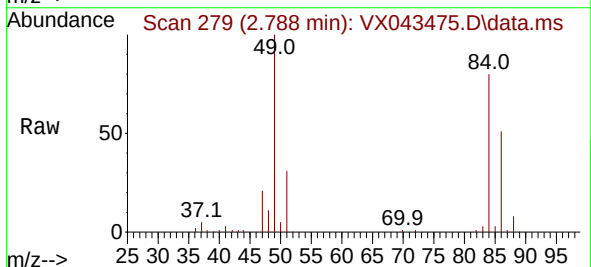
Tgt Ion: 84 Resp: 85410

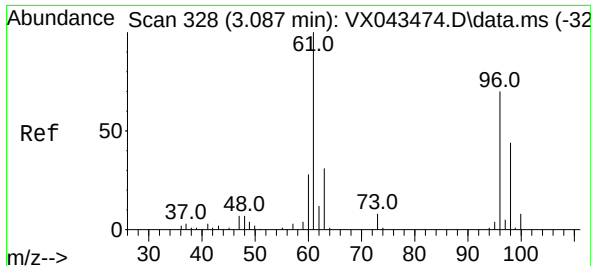
Ion Ratio Lower Upper

84 100

86 63.7 42.2 78.4

49 124.3 79.7 147.9





#17

trans-1,2-Dichloroethene

Concen: 108.674 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

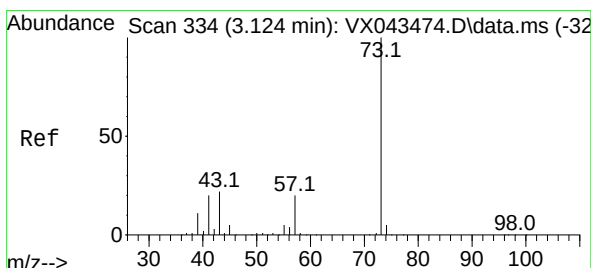
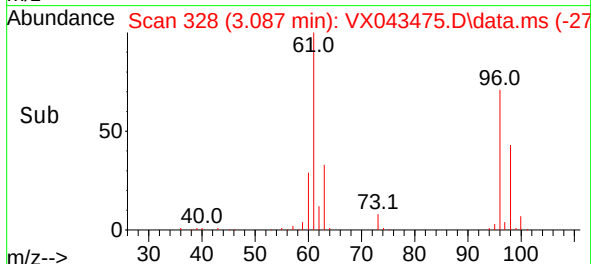
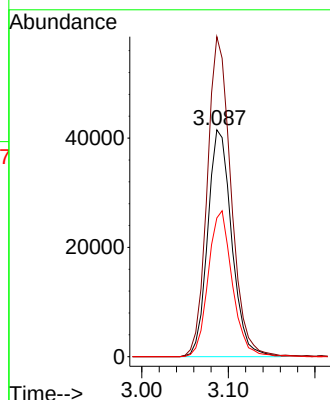
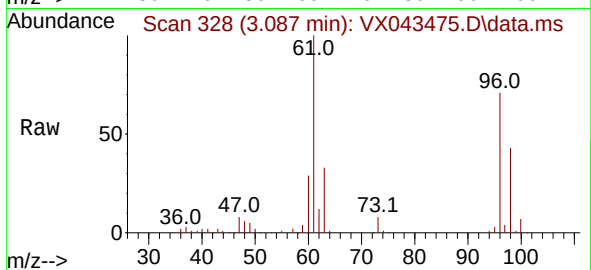
Tgt Ion: 96 Resp: 79936

Ion Ratio Lower Upper

96 100

61 141.0 100.0 185.8

98 61.1 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 103.142 ug/L

RT: 3.123 min Scan# 334

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

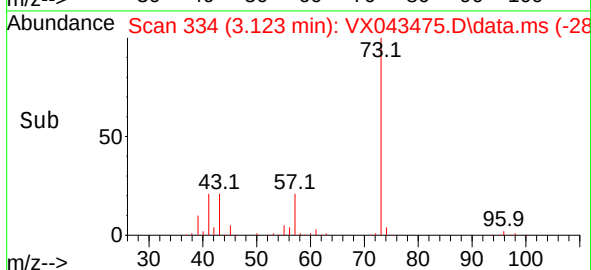
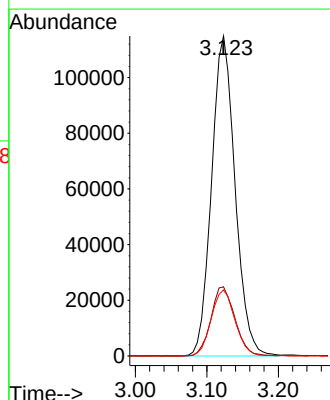
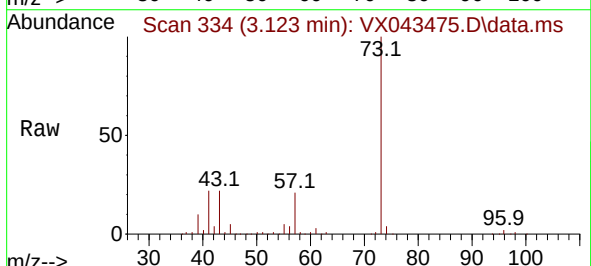
Tgt Ion: 73 Resp: 262586

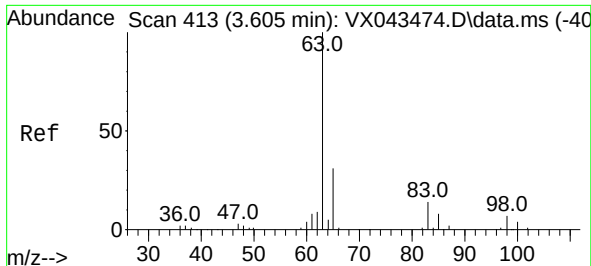
Ion Ratio Lower Upper

73 100

43 22.1 17.6 26.4

57 20.9 17.0 25.4





#19

1,1-Dichloroethane

Concen: 108.472 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

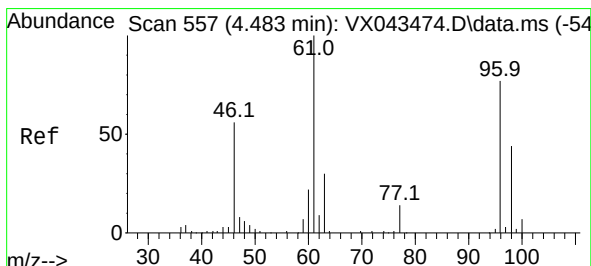
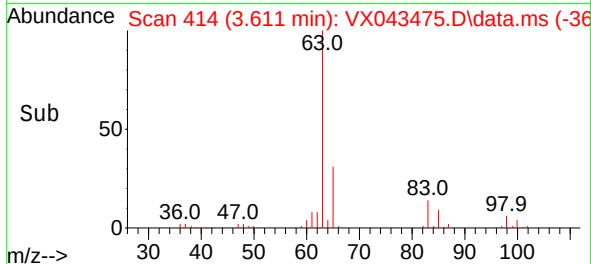
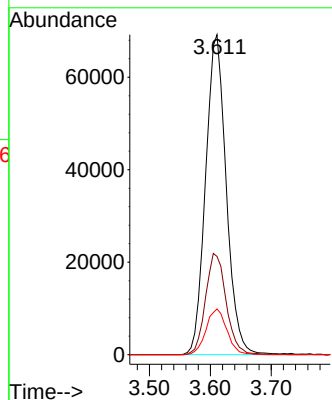
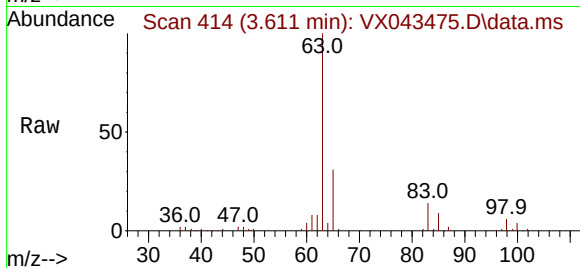
Tgt Ion: 63 Resp: 162857

Ion Ratio Lower Upper

63 100

65 30.7 21.3 39.6

83 14.3 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 106.900 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

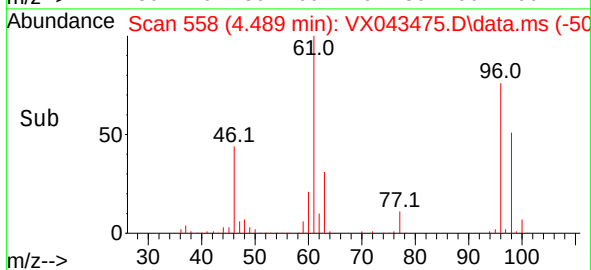
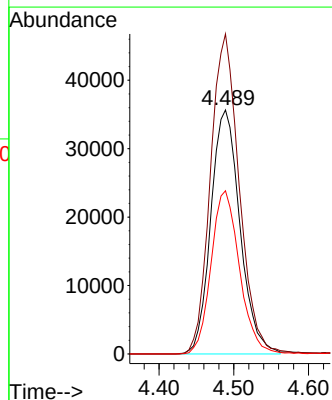
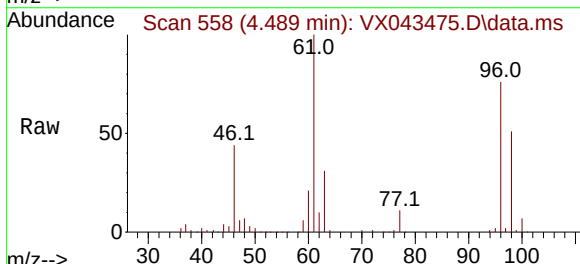
Tgt Ion: 96 Resp: 96667

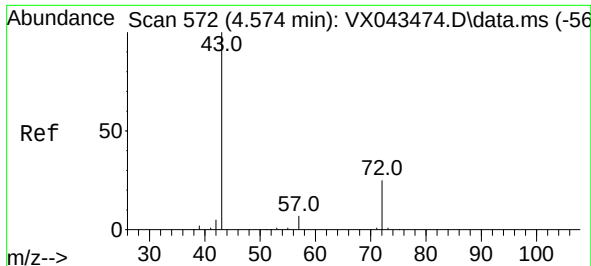
Ion Ratio Lower Upper

96 100

61 131.1 90.7 168.5

98 66.9 40.0 74.2

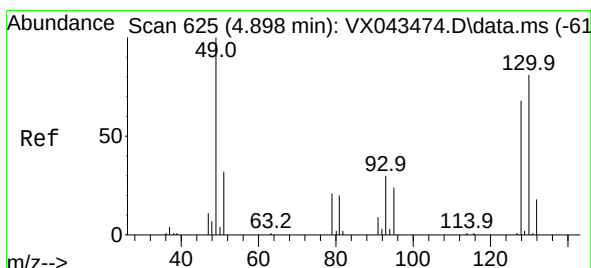
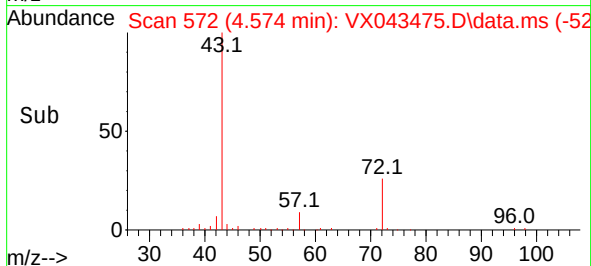
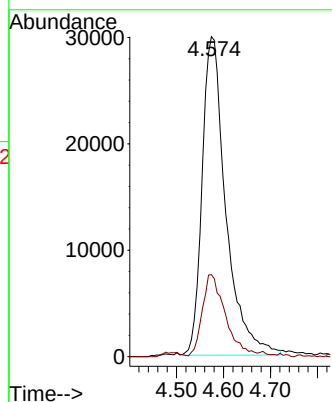
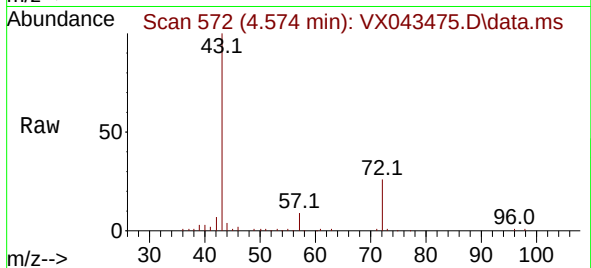




#22
2-Butanone
Concen: 194.942 ug/L
RT: 4.574 min Scan# 512
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

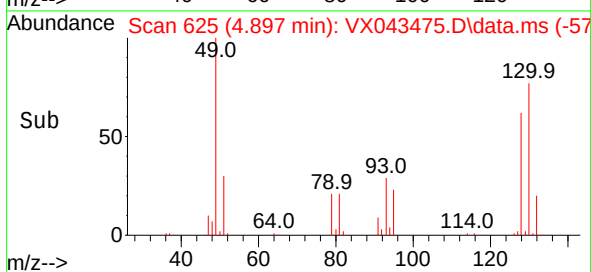
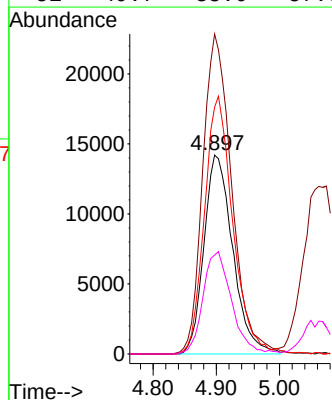
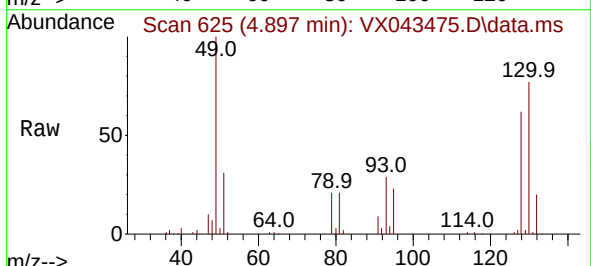
Instrument :
MSVOA_X
ClientSampleId :

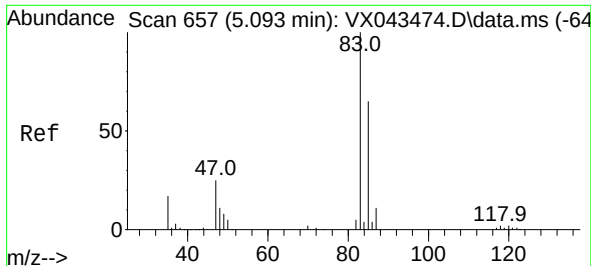
Tgt Ion: 43 Resp: 105021
Ion Ratio Lower Upper
43 100
72 24.7 13.0 39.0



#23
Bromochloromethane
Concen: 105.471 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

Tgt Ion:128 Resp: 44968
Ion Ratio Lower Upper
128 100
49 160.9 104.7 194.5
130 124.1 85.0 157.8
51 49.7 38.0 57.0





#25

Chloroform

Concen: 107.320 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

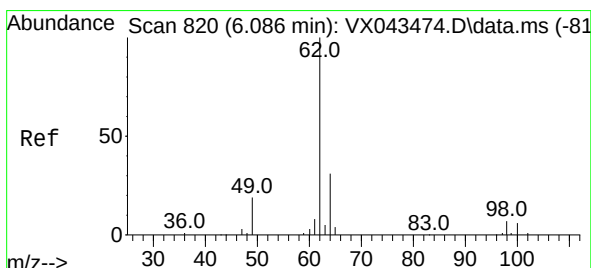
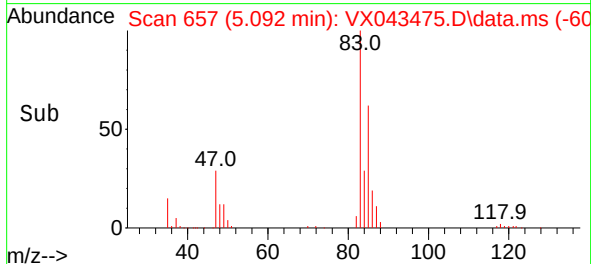
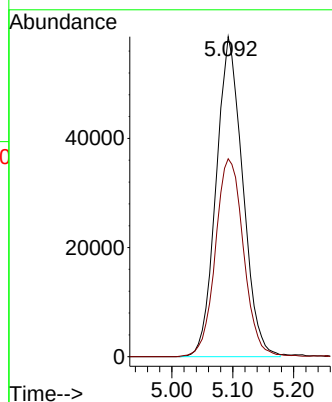
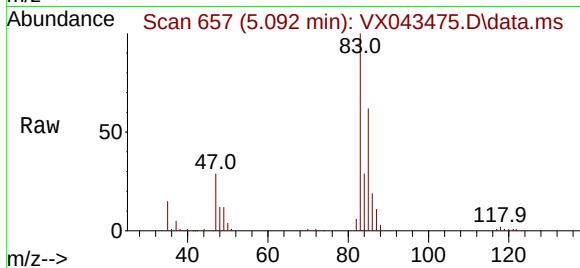
ClientSampleId :

Tgt Ion: 83 Resp: 177622

Ion Ratio Lower Upper

83 100

85 61.9 45.5 84.5



#27

1,2-Dichloroethane

Concen: 103.114 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX043475.D

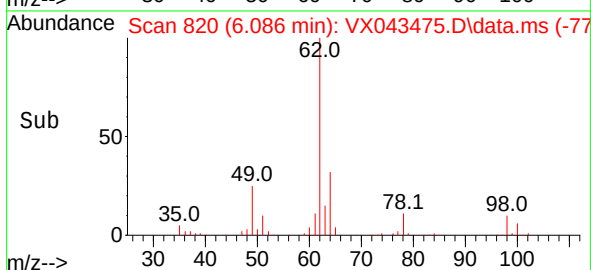
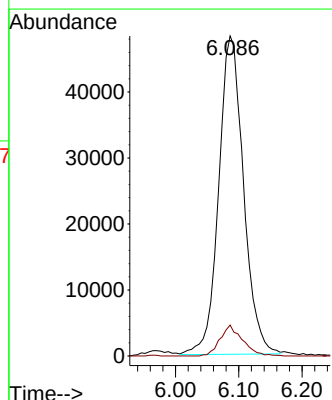
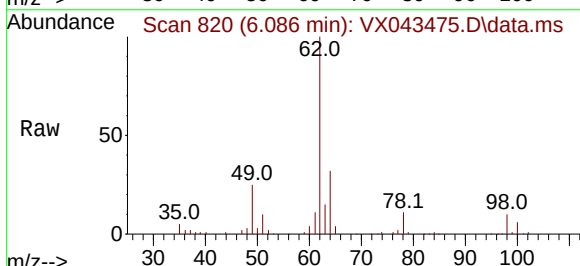
Acq: 22 Oct 2024 10:02

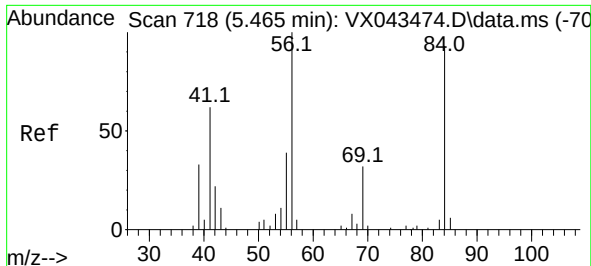
Tgt Ion: 62 Resp: 131297

Ion Ratio Lower Upper

62 100

98 9.7 5.8 8.6#





#29

Cyclohexane

Concen: 105.887 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min MSVOA_X

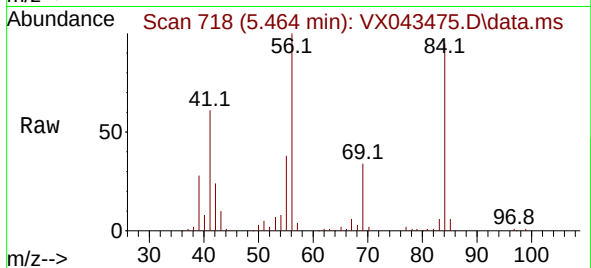
Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :



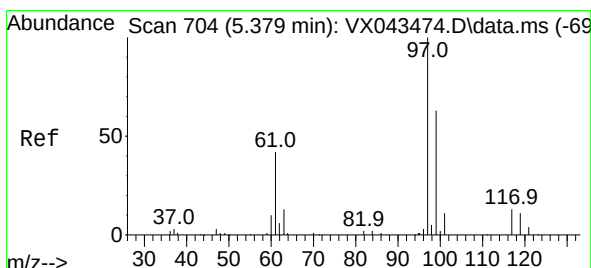
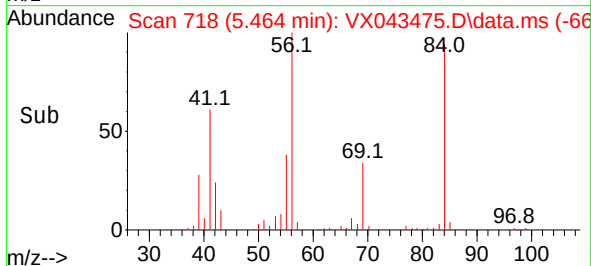
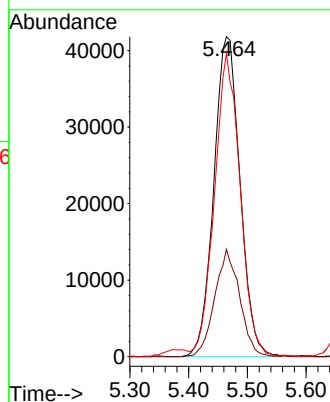
Tgt Ion: 56 Resp: 129716

Ion Ratio Lower Upper

56 100

69 31.8 25.6 38.4

84 91.4 72.4 108.6



#30

1,1,1-Trichloroethane

Concen: 109.726 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

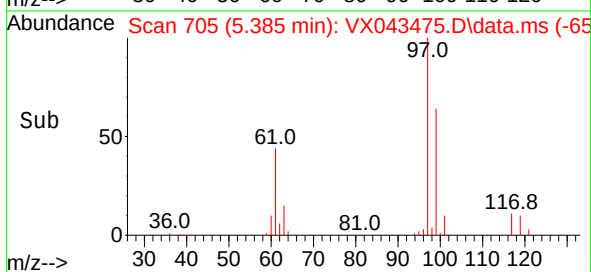
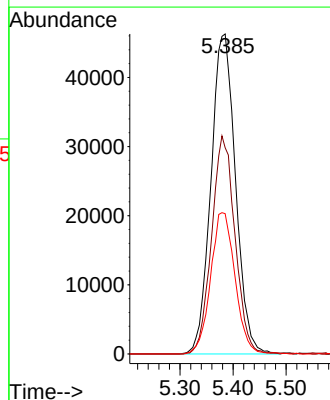
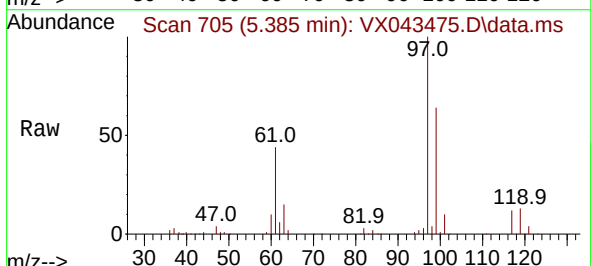
Tgt Ion: 97 Resp: 149161

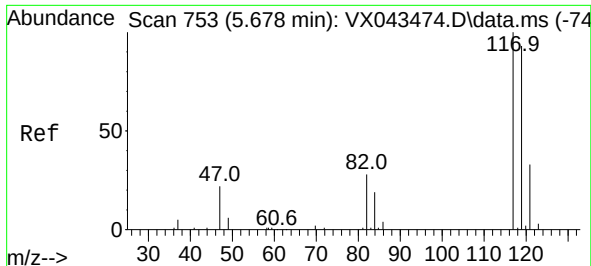
Ion Ratio Lower Upper

97 100

99 64.7 50.5 75.7

61 43.7 35.1 52.7

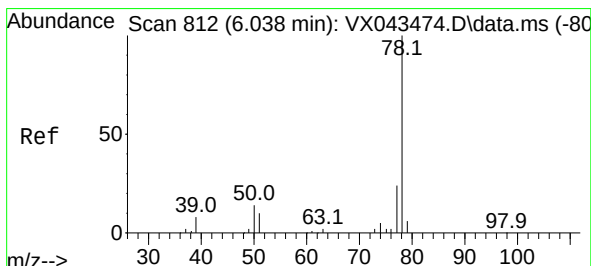
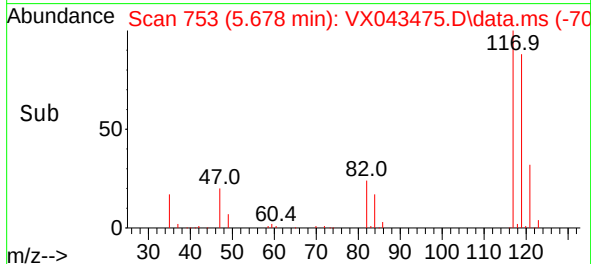
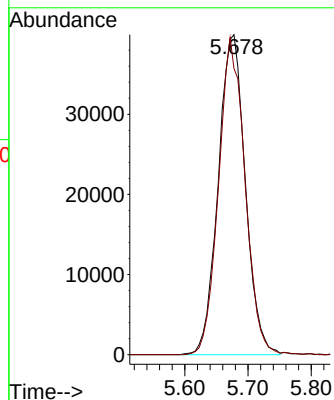
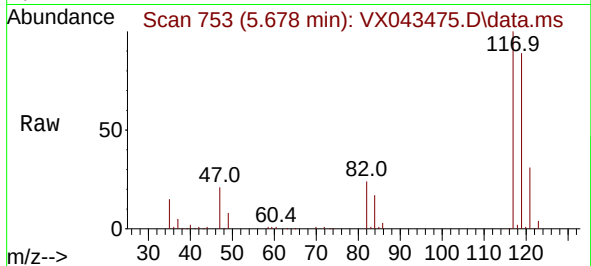




#31
Carbon tetrachloride
Concen: 109.958 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

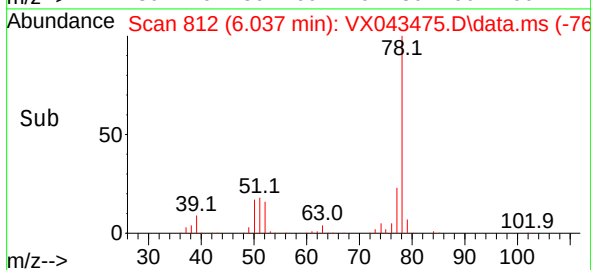
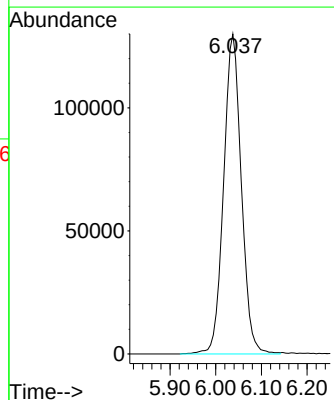
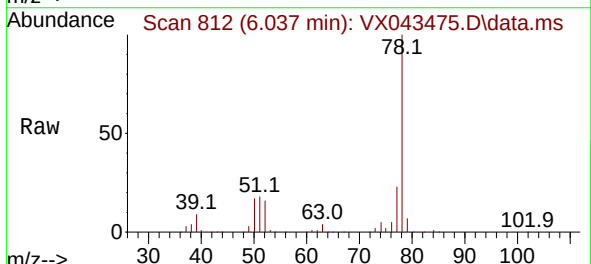
Instrument :
MSVOA_X
ClientSampleId :

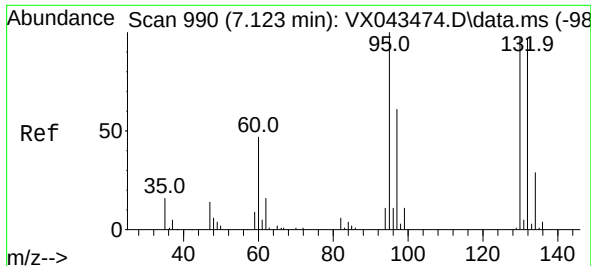
Tgt Ion:117 Resp: 118730
Ion Ratio Lower Upper
117 100
119 96.1 76.1 114.1



#33
Benzene
Concen: 108.146 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

Tgt Ion: 78 Resp: 349900





#34

Trichloroethene

Concen: 110.666 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

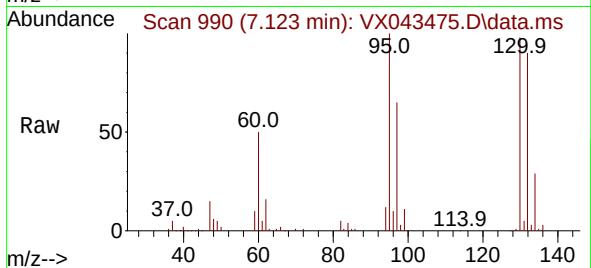
Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 95153

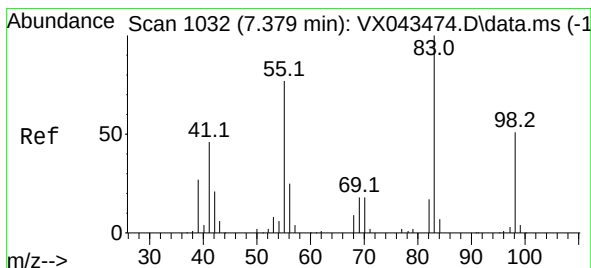
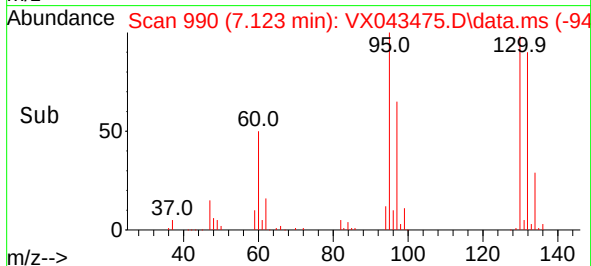
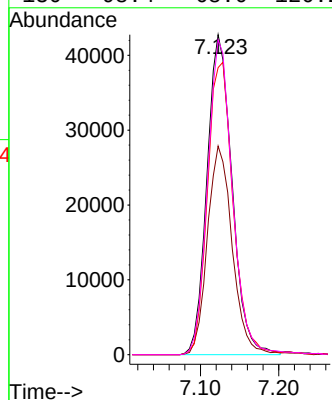
Ion Ratio Lower Upper

95 100

97 65.2 43.0 80.0

132 89.7 67.8 125.8

130 98.4 68.0 126.2



#35

Methylcyclohexane

Concen: 109.442 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

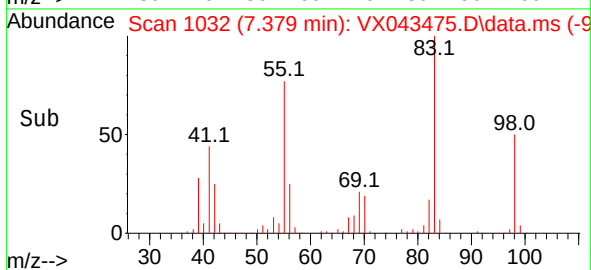
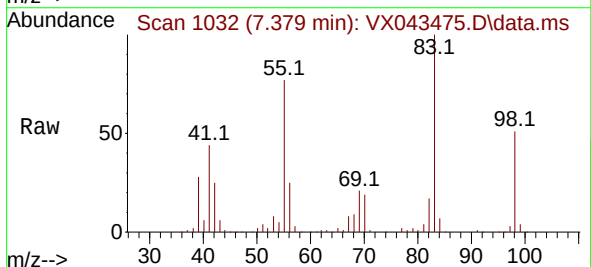
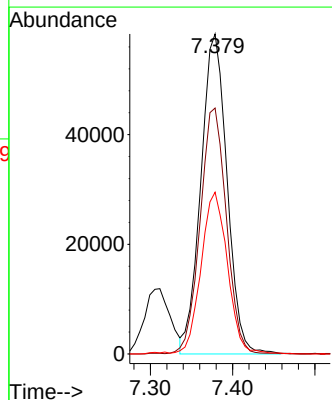
Tgt Ion: 83 Resp: 129098

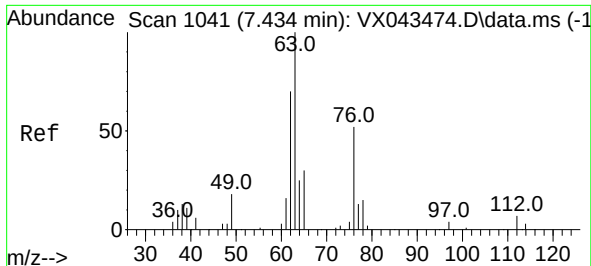
Ion Ratio Lower Upper

83 100

55 76.7 60.9 91.3

98 50.9 39.3 58.9





#37

1,2-Dichloropropane

Concen: 107.909 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

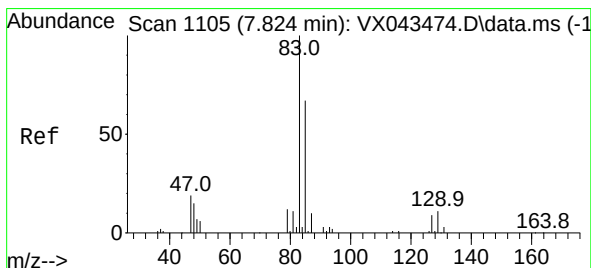
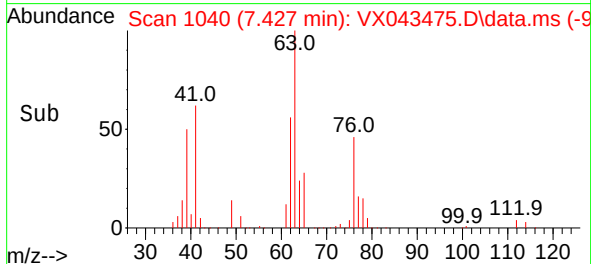
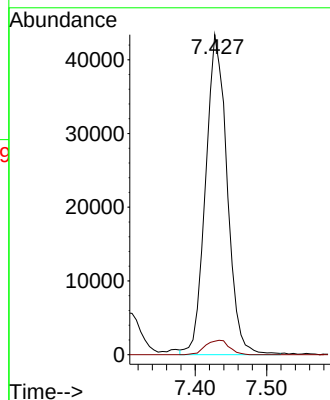
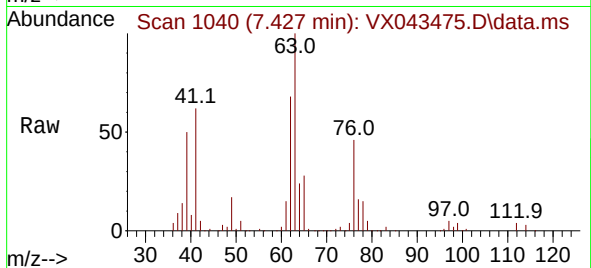
ClientSampleId :

Tgt Ion: 63 Resp: 90765

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 107.396 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

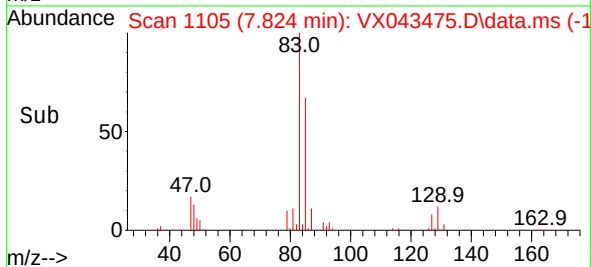
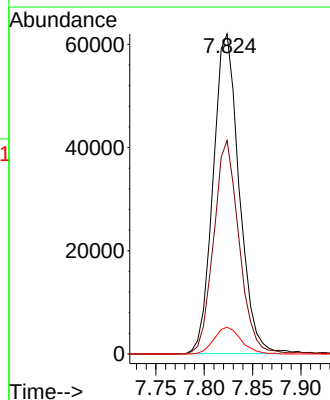
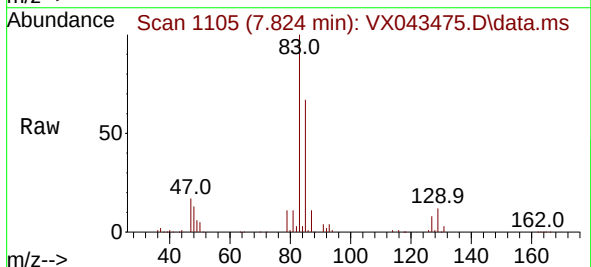
Tgt Ion: 83 Resp: 115634

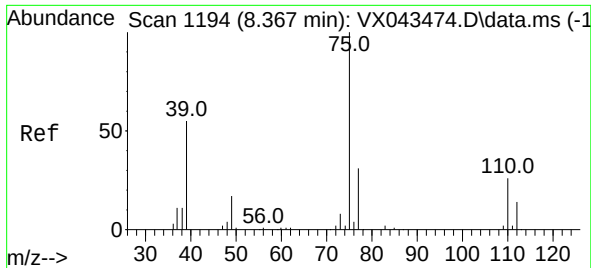
Ion Ratio Lower Upper

83 100

85 66.7 47.2 87.6

127 8.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 112.677 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

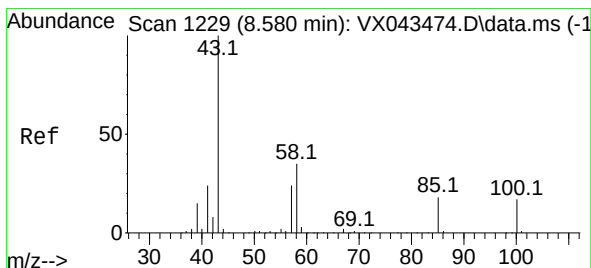
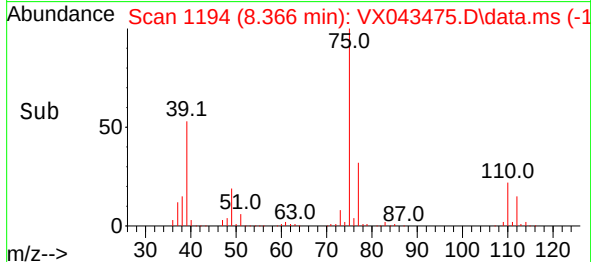
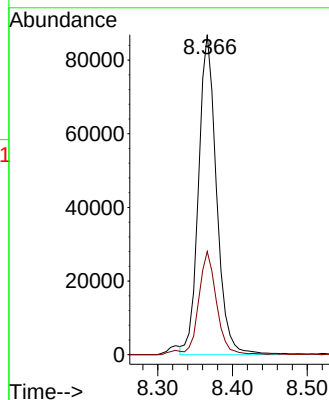
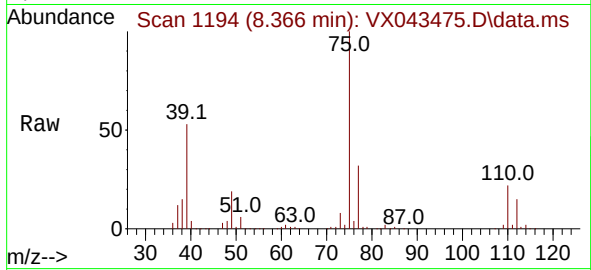
ClientSampleId :

Tgt Ion: 75 Resp: 145071

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 201.517 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

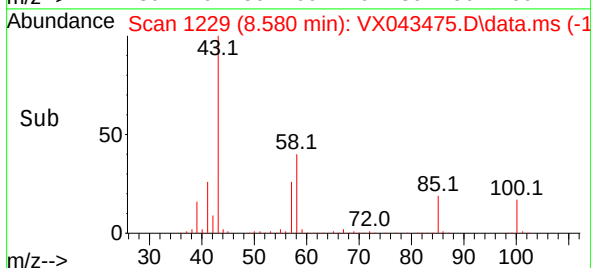
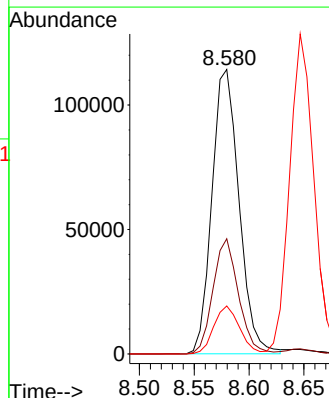
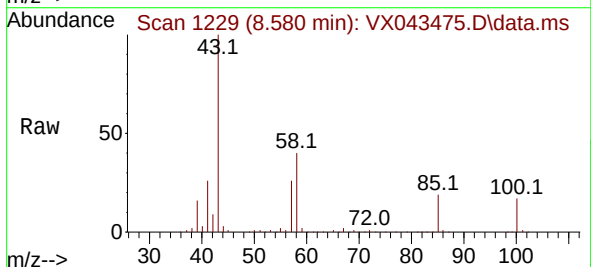
Tgt Ion: 43 Resp: 196214

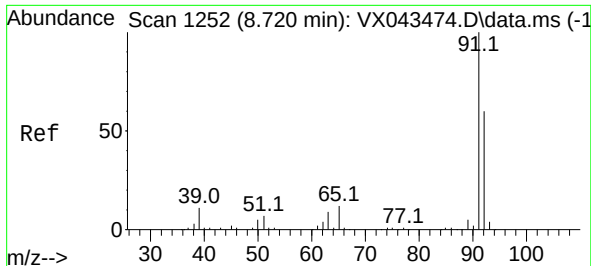
Ion Ratio Lower Upper

43 100

58 38.1 29.8 44.6

100 16.0 12.5 18.7





#42

Toluene

Concen: 109.970 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

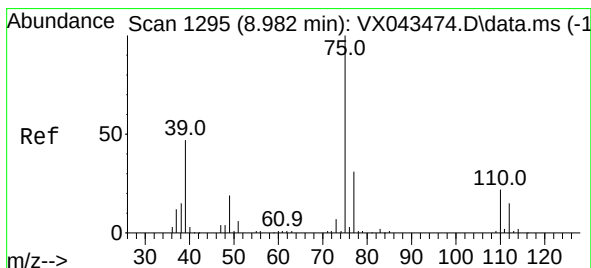
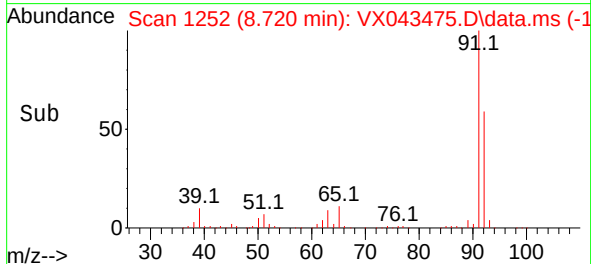
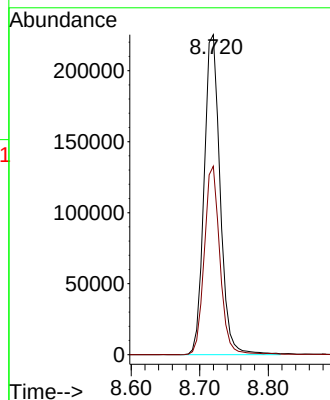
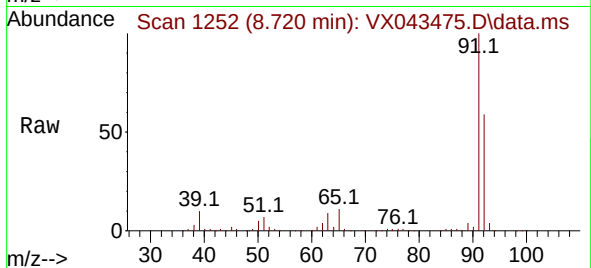
ClientSampleId :

Tgt Ion: 91 Resp: 367320

Ion Ratio Lower Upper

91 100

92 58.9 42.0 78.0



#44

trans-1,3-Dichloropropene

Concen: 113.454 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX043475.D

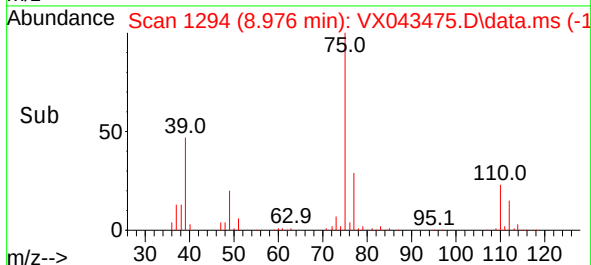
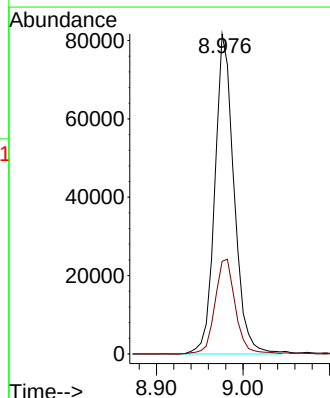
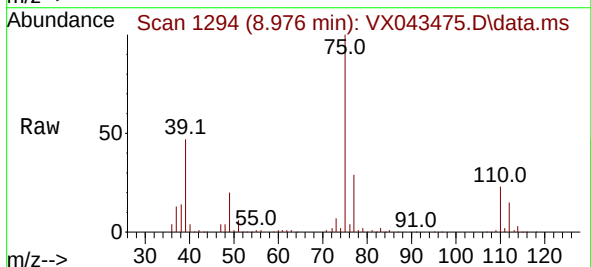
Acq: 22 Oct 2024 10:02

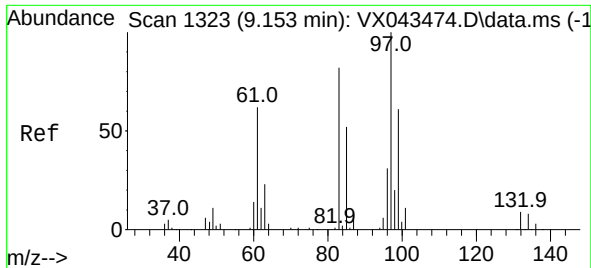
Tgt Ion: 75 Resp: 125642

Ion Ratio Lower Upper

75 100

77 29.0 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 103.384 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 78971

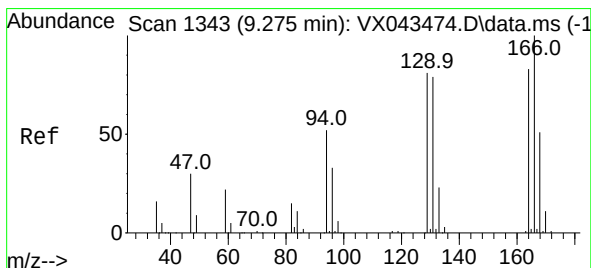
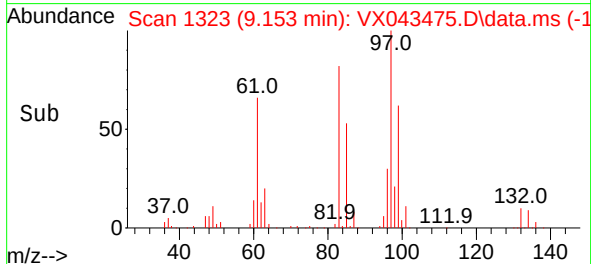
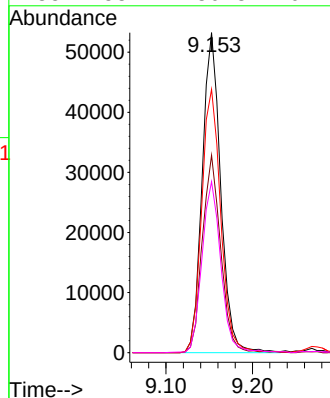
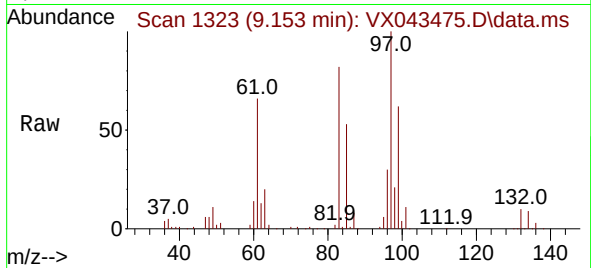
Ion Ratio Lower Upper

97 100

99 61.7 43.0 80.0

83 82.3 57.6 107.0

85 53.4 36.3 67.3



#46

Tetrachloroethene

Concen: 109.519 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Tgt Ion:164 Resp: 63686

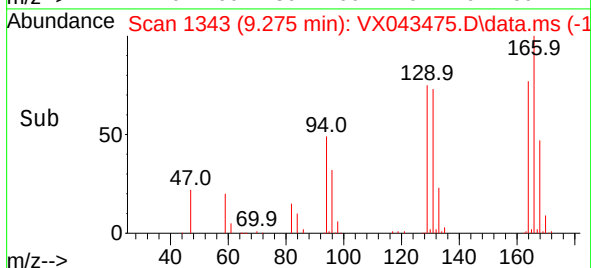
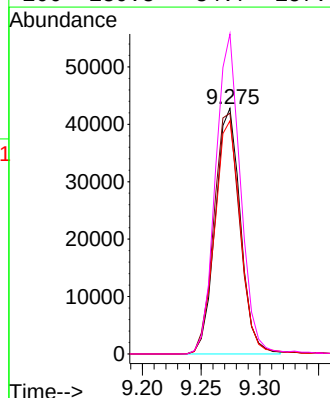
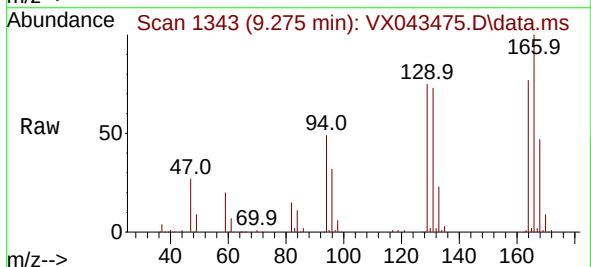
Ion Ratio Lower Upper

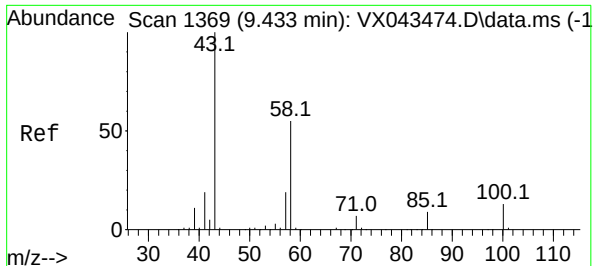
164 100

129 98.1 68.4 127.0

131 95.0 66.8 124.0

166 130.3 84.7 157.3





#48

2-Hexanone

Concen: 200.687 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 152445

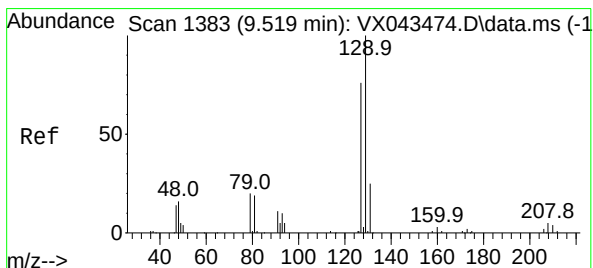
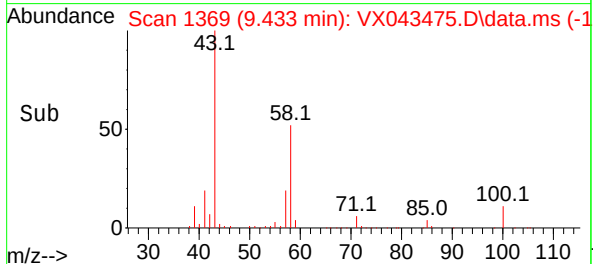
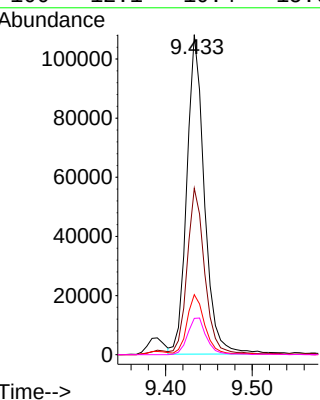
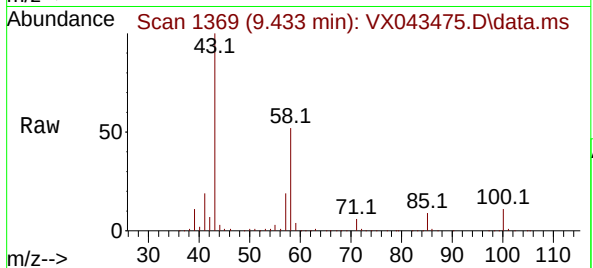
Ion Ratio Lower Upper

43 100

58 52.3 44.0 66.0

57 18.2 16.0 24.0

100 12.1 10.4 15.6



#49

Dibromochloromethane

Concen: 108.763 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX043475.D

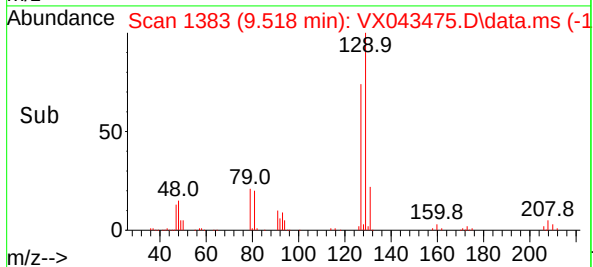
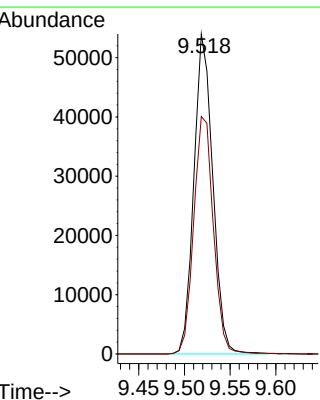
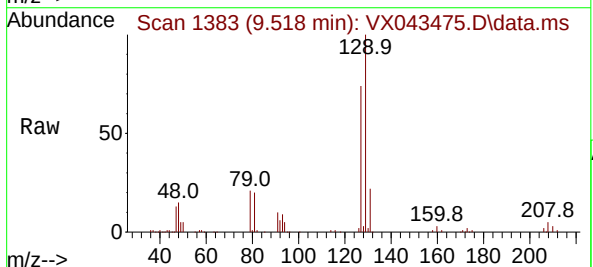
Acq: 22 Oct 2024 10:02

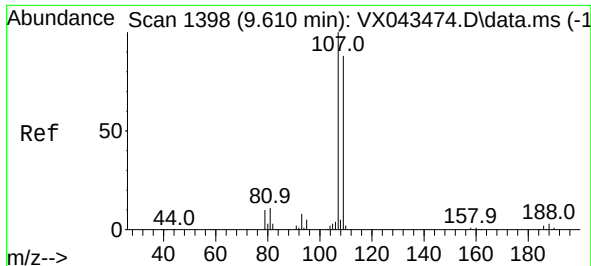
Tgt Ion:129 Resp: 77541

Ion Ratio Lower Upper

129 100

127 74.2 53.2 98.8





#50

1,2-Dibromoethane

Concen: 103.223 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

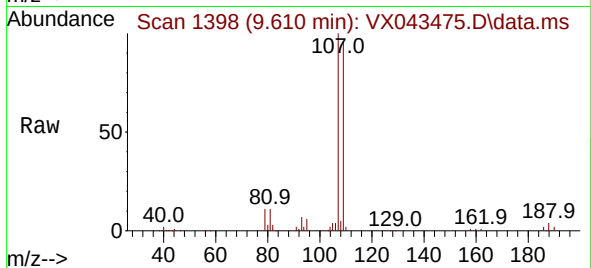
Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

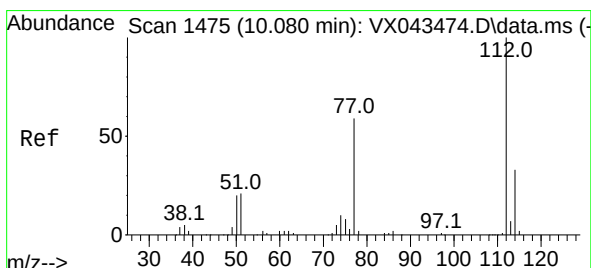
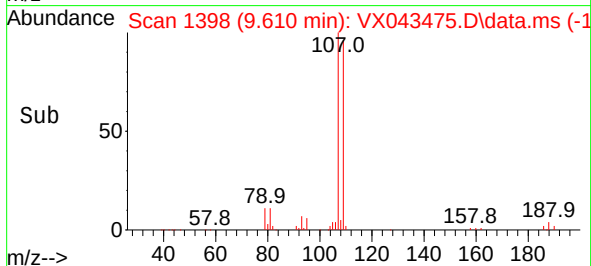
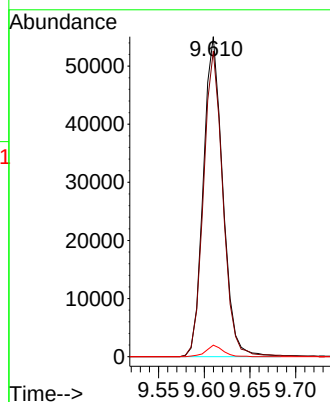
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	107	Resp:	81263
Ion Ratio	Lower	Upper	
107	100		
109	95.6	61.6	114.4
188	3.6	2.4	3.6



#51

Chlorobenzene

Concen: 106.241 ug/L

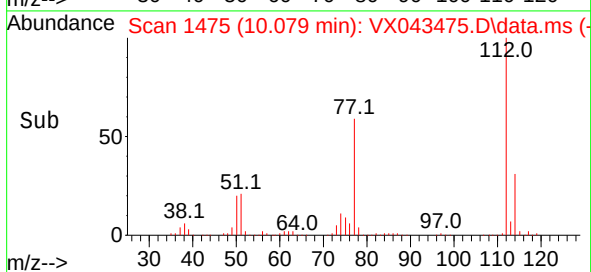
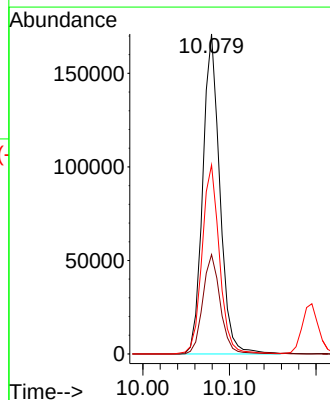
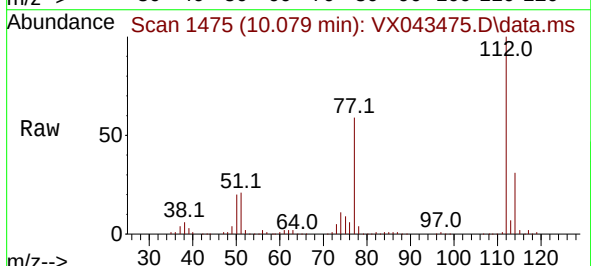
RT: 10.079 min Scan# 1475

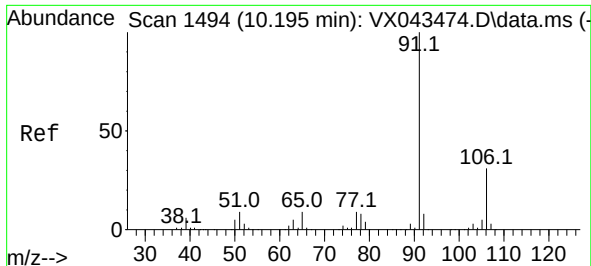
Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Tgt Ion:	112	Resp:	233968
Ion Ratio	Lower	Upper	
112	100		
114	31.0	22.7	42.3
77	59.0	47.4	71.0





#52

Ethylbenzene

Concen: 110.375 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

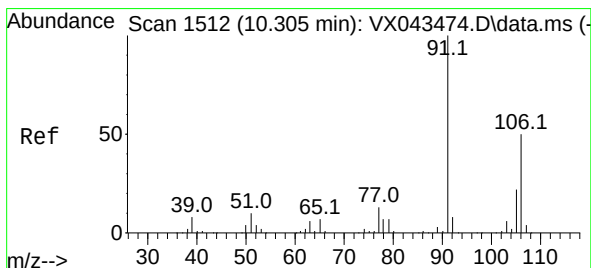
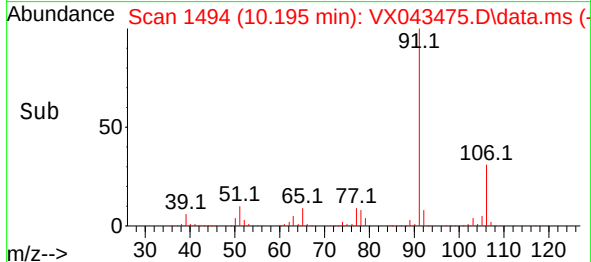
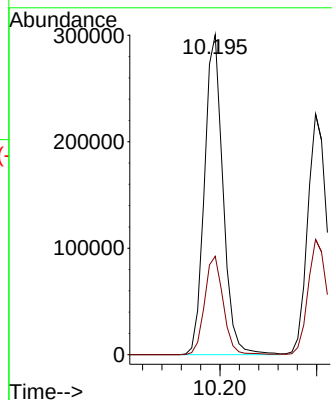
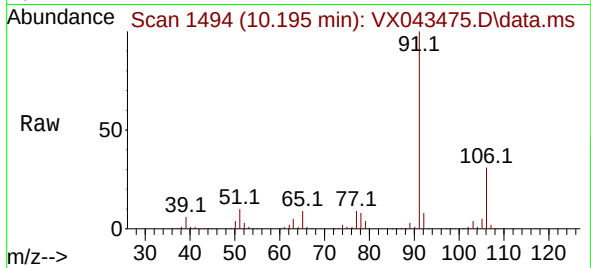
ClientSampleId :

Tgt Ion: 91 Resp: 400592

Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.4



#53

m,p-Xylene

Concen: 111.372 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX043475.D

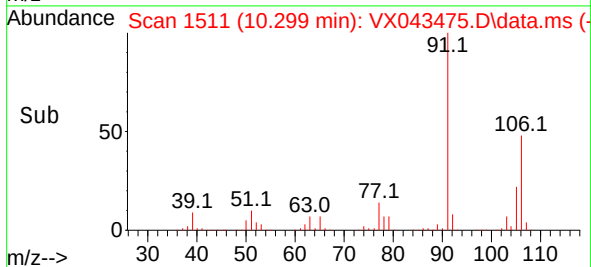
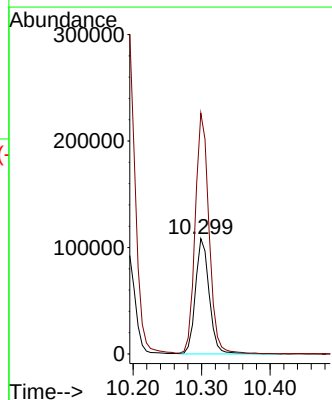
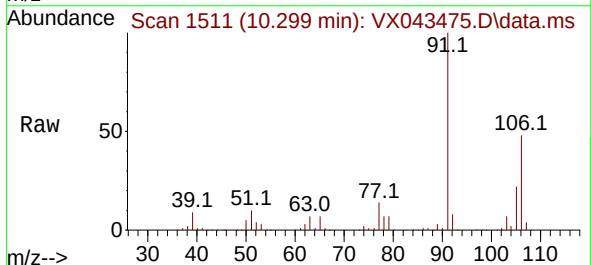
Acq: 22 Oct 2024 10:02

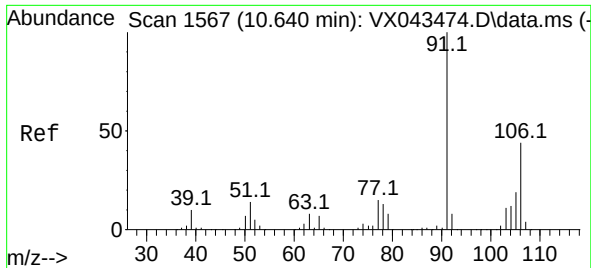
Tgt Ion:106 Resp: 151472

Ion Ratio Lower Upper

106 100

91 208.8 139.7 259.5

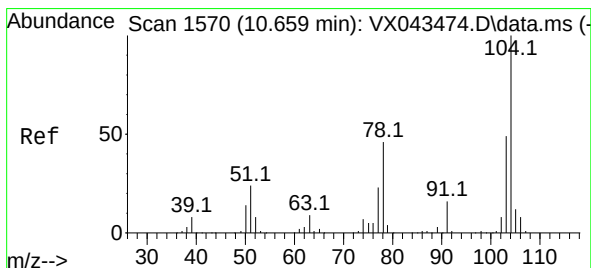
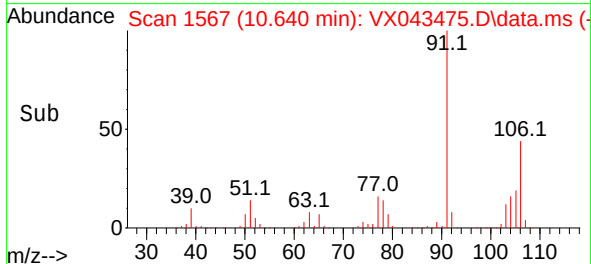
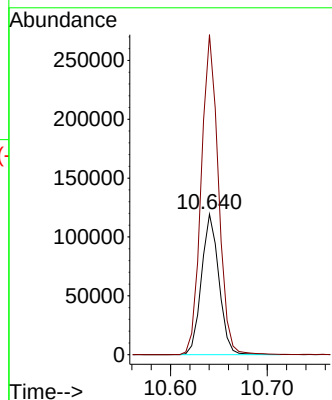
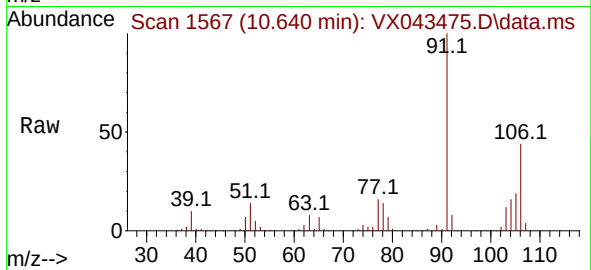




#54
o-Xylene
Concen: 107.529 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

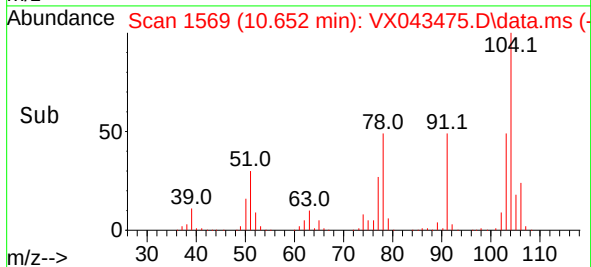
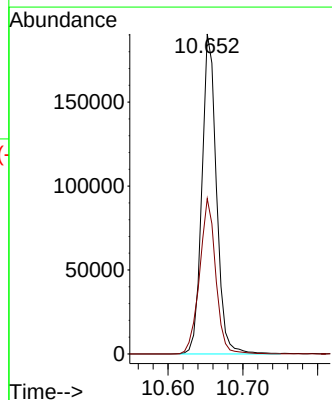
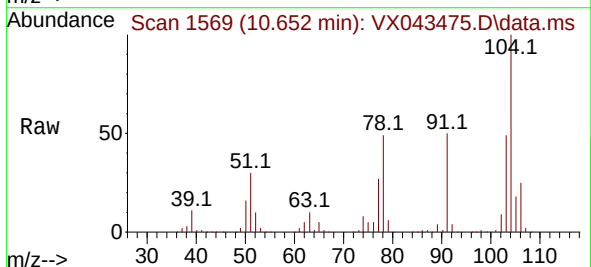
Instrument :
MSVOA_X
ClientSampleId :

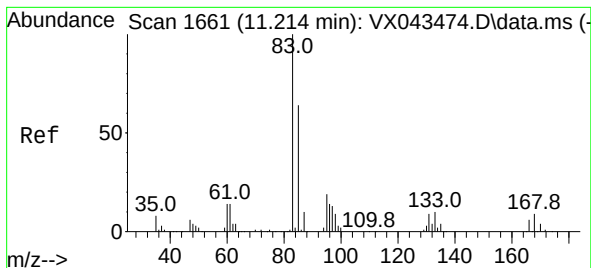
Tgt Ion:106 Resp: 149749
Ion Ratio Lower Upper
106 100
91 227.7 157.4 292.4



#55
Styrene
Concen: 111.742 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

Tgt Ion:104 Resp: 258473
Ion Ratio Lower Upper
104 100
78 48.6 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 100.716 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

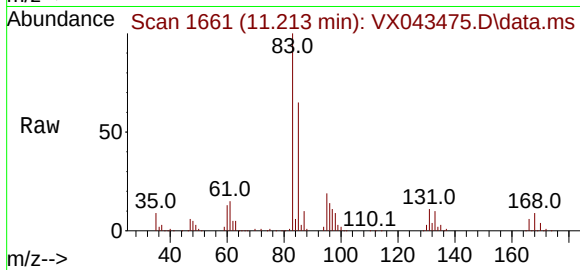
Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :



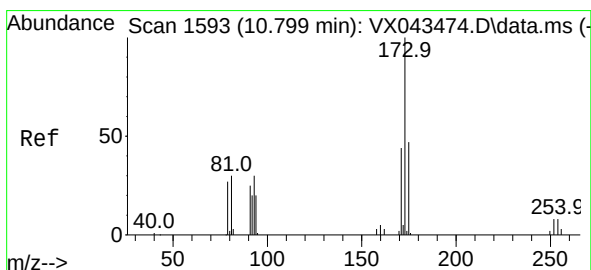
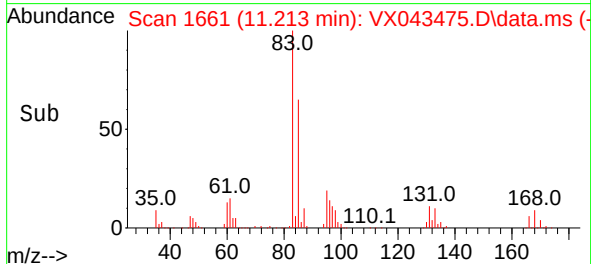
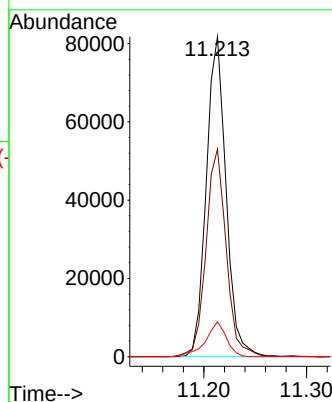
Tgt Ion: 83 Resp: 109369

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9

131 10.9 7.4 11.2



#59

Bromoform

Concen: 105.174 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

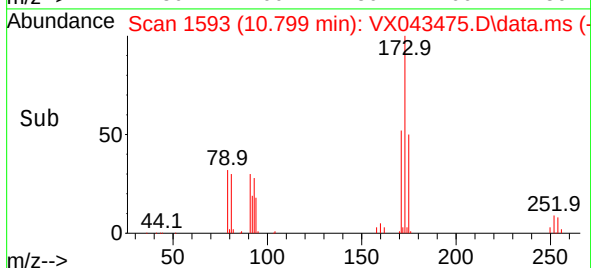
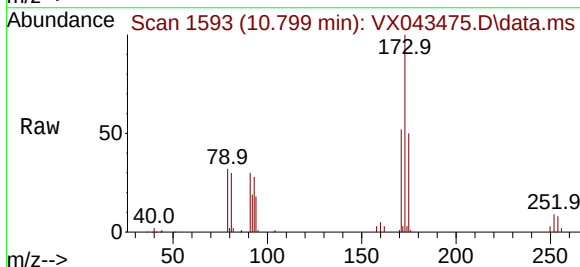
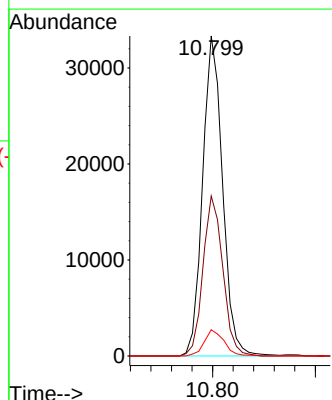
Tgt Ion:173 Resp: 44966

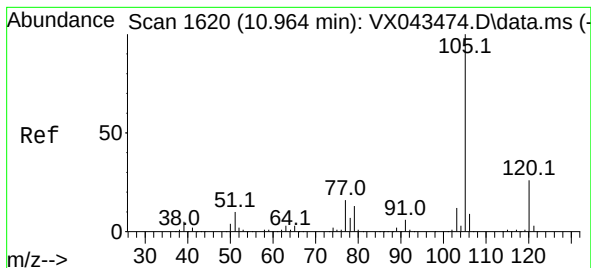
Ion Ratio Lower Upper

173 100

175 49.6 39.1 58.7

254 8.1 6.7 10.1





#60

Isopropylbenzene

Concen: 107.009 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

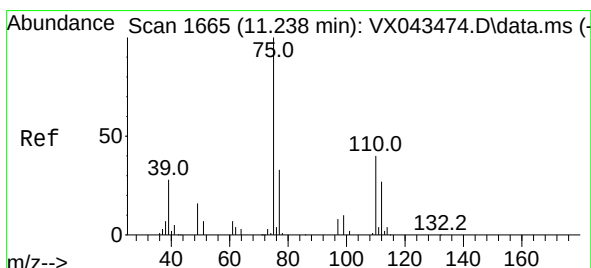
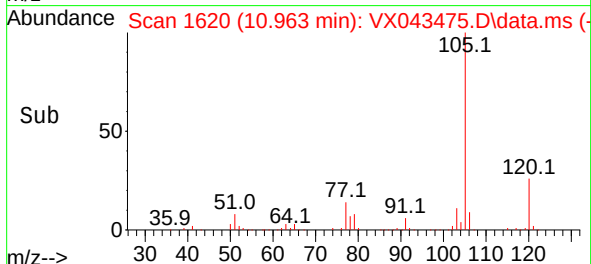
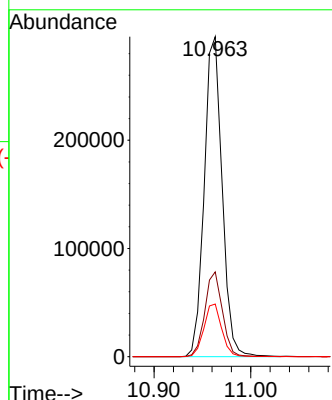
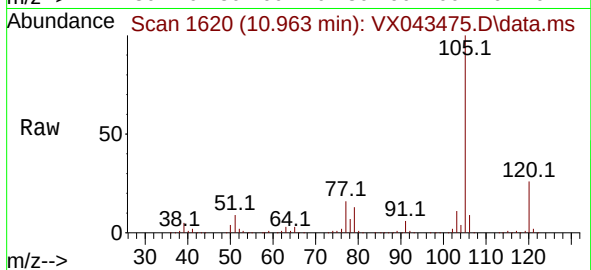
Tgt Ion:105 Resp: 380517

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

77 16.4 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 97.605 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

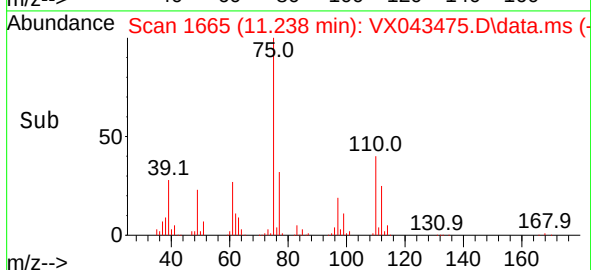
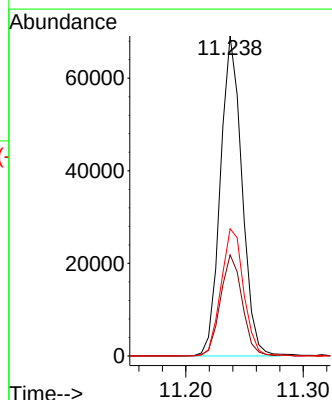
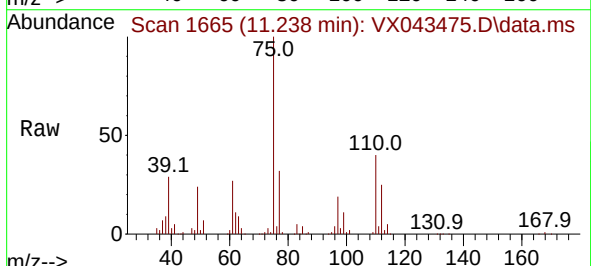
Tgt Ion: 75 Resp: 88291

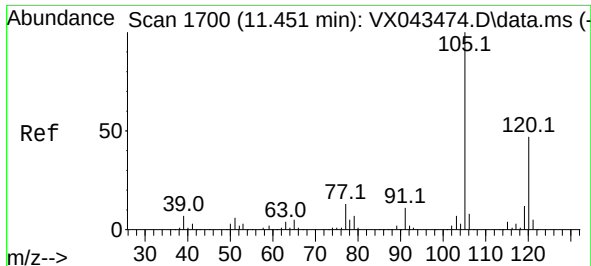
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

110 41.7 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 108.200 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

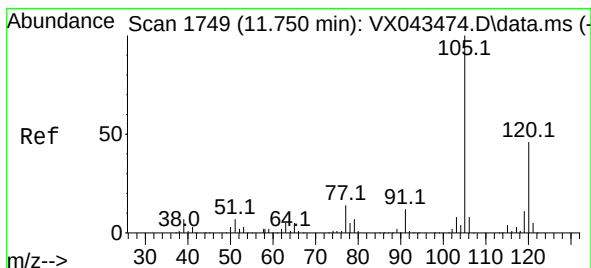
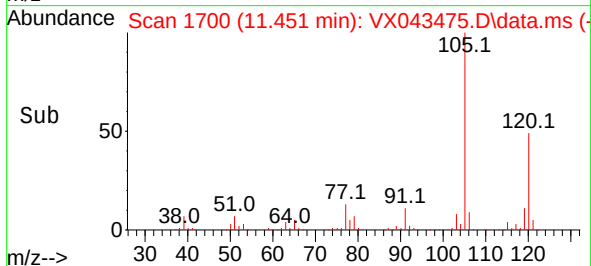
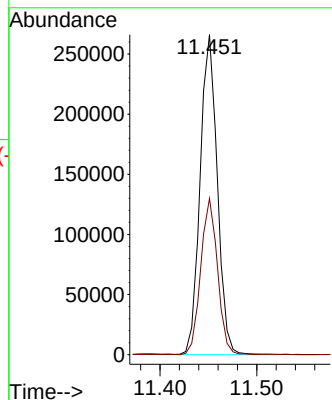
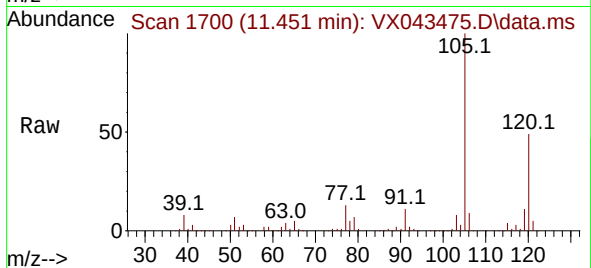
ClientSampleId :

Tgt Ion:105 Resp: 328828

Ion Ratio Lower Upper

105 100

120 47.7 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 108.292 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043475.D

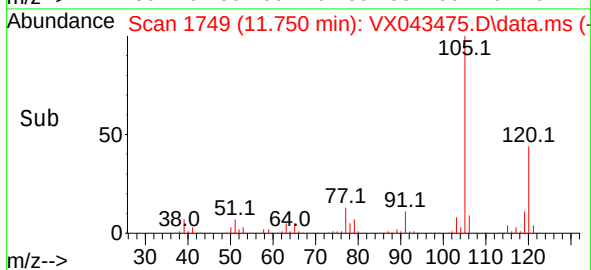
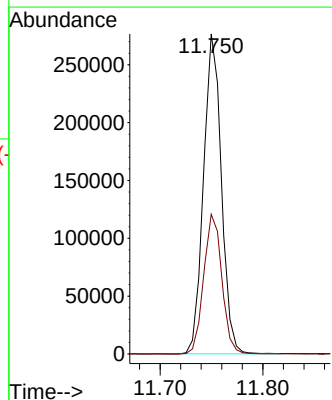
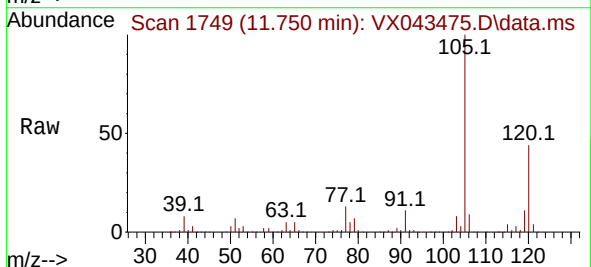
Acq: 22 Oct 2024 10:02

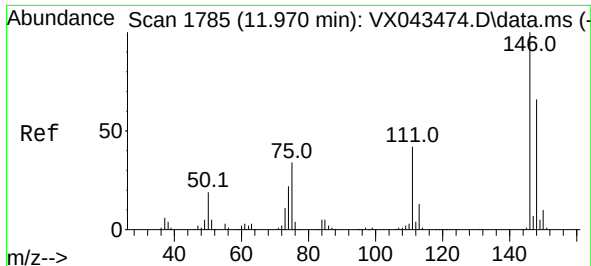
Tgt Ion:105 Resp: 334558

Ion Ratio Lower Upper

105 100

120 44.5 35.0 52.4

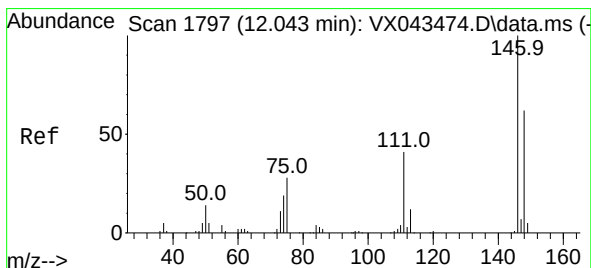
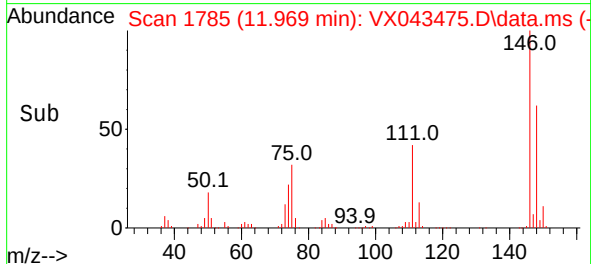
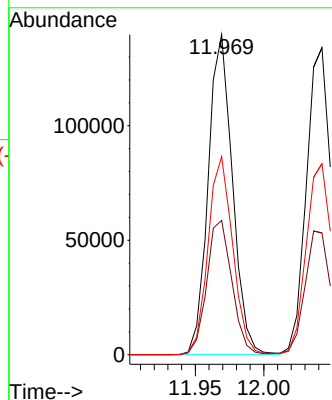
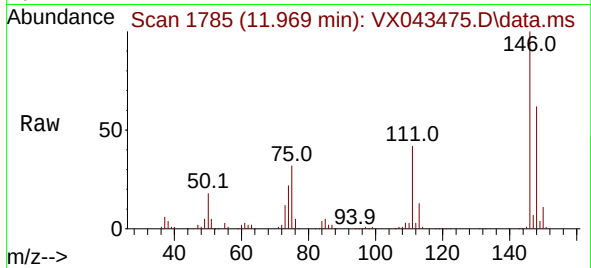




#64
1,3-Dichlorobenzene
Concen: 106.086 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

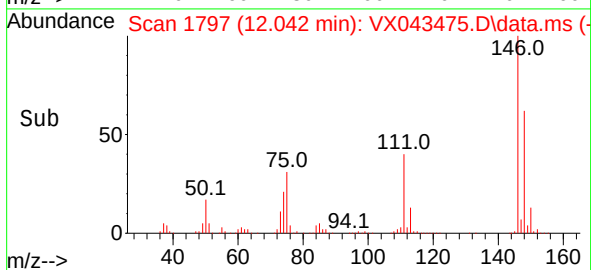
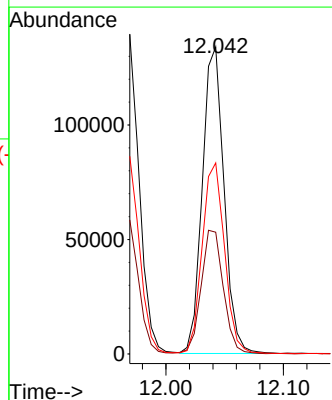
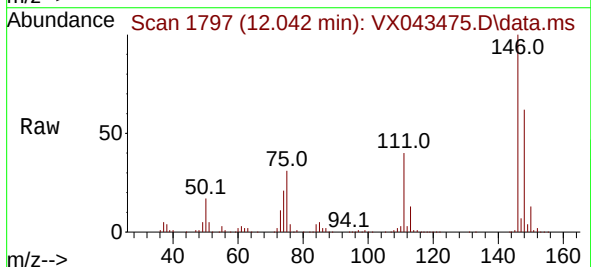
Instrument :
MSVOA_X
ClientSampleId :

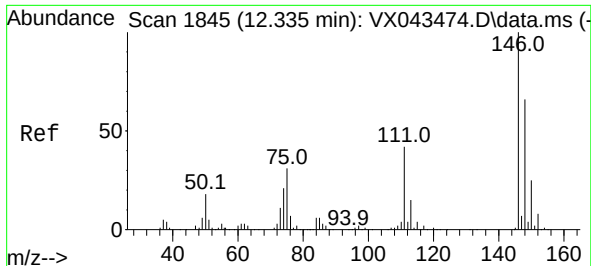
Tgt Ion:146 Resp: 172130
Ion Ratio Lower Upper
146 100
111 41.9 29.7 55.1
148 61.9 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 102.928 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX043475.D
Acq: 22 Oct 2024 10:02

Tgt Ion:146 Resp: 171309
Ion Ratio Lower Upper
146 100
111 39.6 29.2 54.2
148 62.2 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 105.401 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

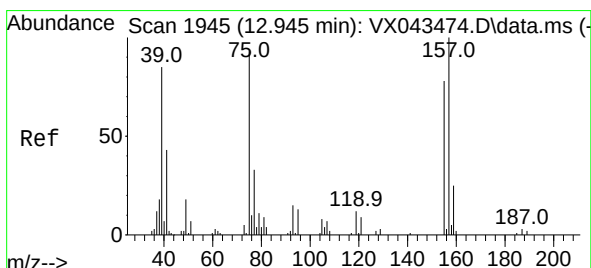
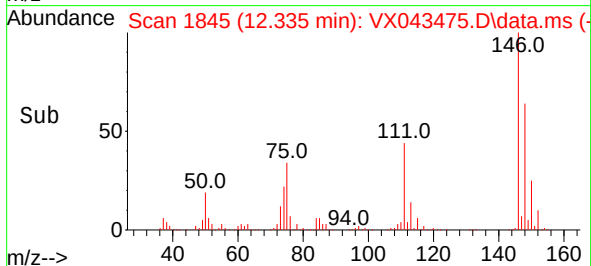
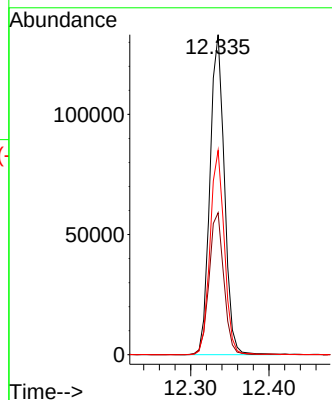
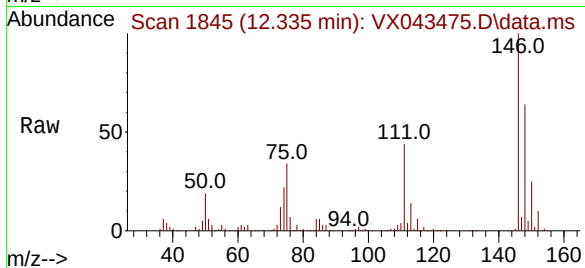
Tgt Ion:146 Resp: 170439

Ion Ratio Lower Upper

146 100

111 44.3 33.4 50.2

148 63.8 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 99.984 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

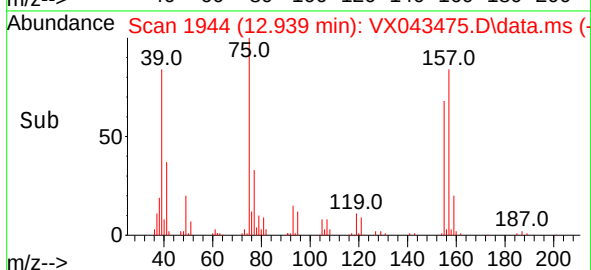
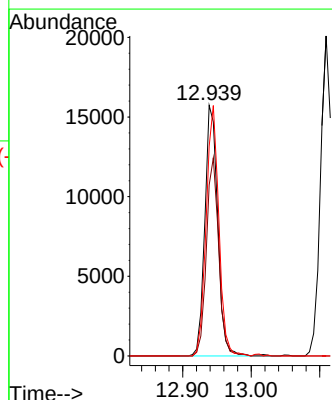
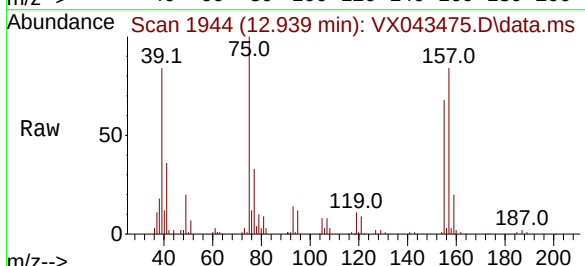
Tgt Ion: 75 Resp: 20677

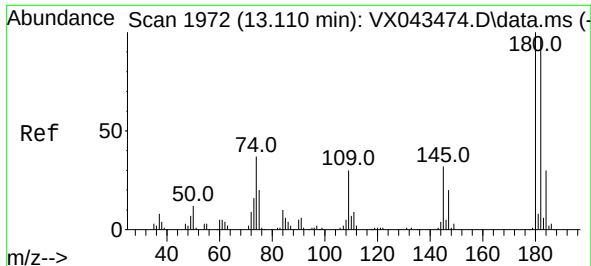
Ion Ratio Lower Upper

75 100

155 68.2 66.6 99.8

157 83.6 85.6 128.4#





#69

1,3,5-Trichlorobenzene

Concen: 110.497 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

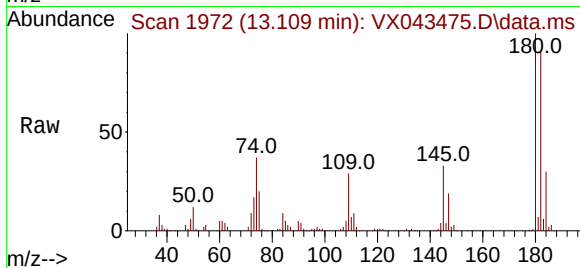
Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 116533

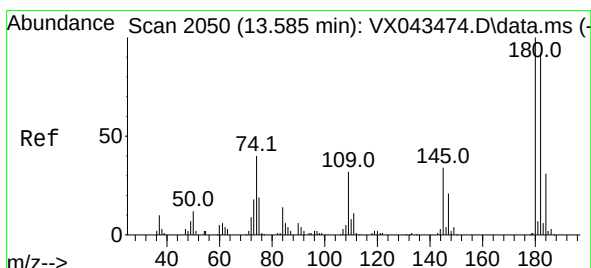
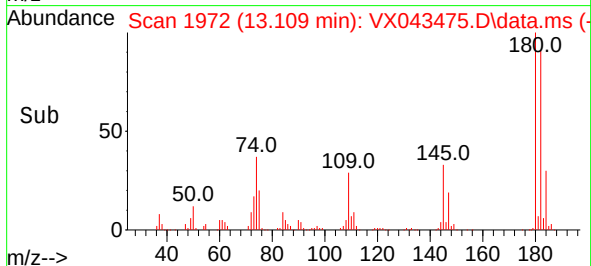
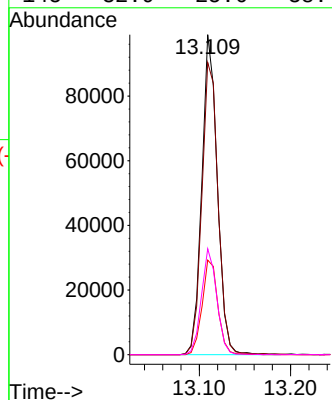
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.2

184 30.0 23.8 35.8

145 32.9 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 109.573 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

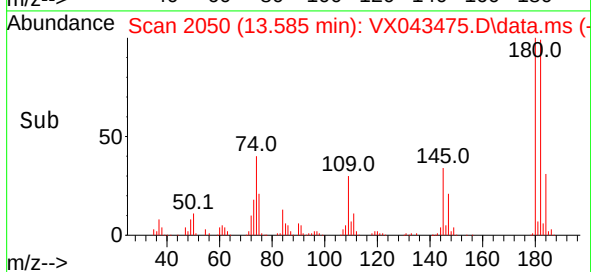
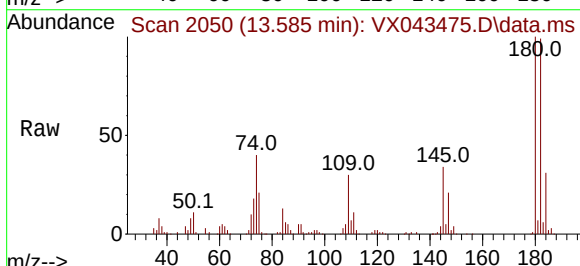
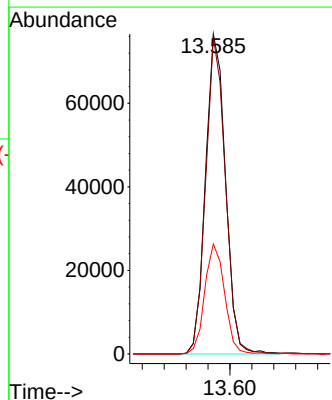
Tgt Ion:180 Resp: 96648

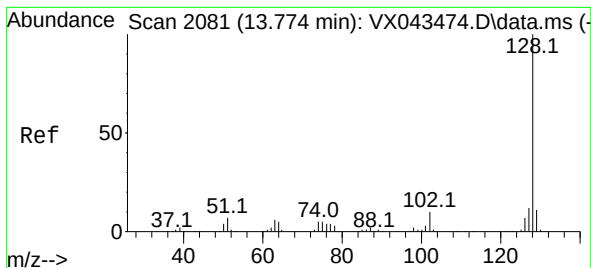
Ion Ratio Lower Upper

180 100

182 97.8 77.0 115.6

145 34.3 27.3 40.9





#71

Naphthalene

Concen: 106.462 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Instrument :

MSVOA_X

ClientSampleId :

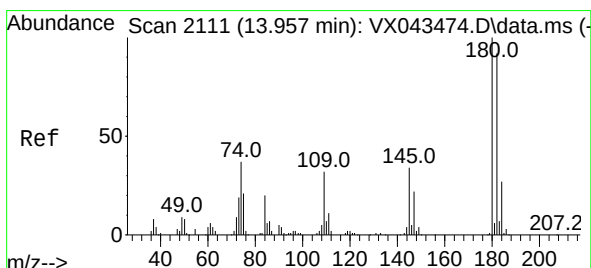
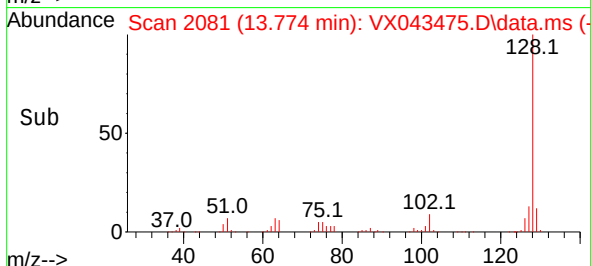
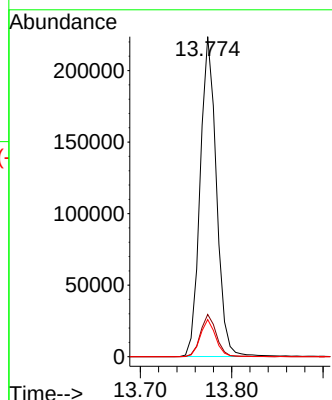
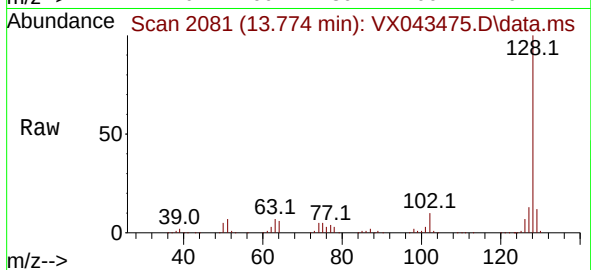
Tgt Ion:128 Resp: 276220

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 106.433 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX043475.D

Acq: 22 Oct 2024 10:02

Tgt Ion:180 Resp: 94392

Ion Ratio Lower Upper

180 100

182 94.3 76.6 114.8

145 35.6 27.8 41.8

