

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102224\
 Data File : VX043476.D
 Acq On : 22 Oct 2024 10:25
 Operator : JC/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 01:45:36 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	118298	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	107882	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	52600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	135752	204.441	ug/L	0.00
7) Chloroethane-d5	1.654	69	63655	197.969	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	64565	208.399	ug/L	0.00
21) 2-Butanone-d5	4.471	46	187758	440.110	ug/L	0.00
24) Chloroform-d	5.056	84	346752	211.042	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	213624	204.452	ug/L	0.00
32) Benzene-d6	5.970	84	618078	205.654	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	189205	204.186	ug/L	0.00
41) Toluene-d8	8.647	98	559115	204.518	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	92777	230.949	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	129054	447.322	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	218310	211.368	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	202868	200.348	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	191744	208.828	ug/L	98
3) Chloromethane	1.294	50	198787	216.053	ug/L	97
5) Vinyl chloride	1.380	62	181702	213.030	ug/L	98
6) Bromomethane	1.599	94	75908	213.306	ug/L	94
8) Chloroethane	1.672	64	61419	187.057	ug/L	94
9) Trichlorofluoromethane	1.867	101	251028	216.801	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	143231	210.789	ug/L	99
12) 1,1-Dichloroethene	2.313	96	136945	218.194	ug/L	98
13) Acetone	2.398	43	157975	374.469	ug/L	98
14) Carbon disulfide	2.508	76	343745	245.450	ug/L	98
15) Methyl Acetate	2.715	43	153152	207.758	ug/L	99
16) Methylene chloride	2.788	84	166042	212.818	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	155077	222.818	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	531554	220.664	ug/L	100
19) 1,1-Dichloroethane	3.605	63	315760	222.274	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	192934	225.491	ug/L	96
22) 2-Butanone	4.574	43	216926	425.560	ug/L	99
23) Bromochloromethane	4.897	128	88792	220.102	ug/L	88
25) Chloroform	5.093	83	345050	220.336	ug/L	99
27) 1,2-Dichloroethane	6.086	62	265747	220.571	ug/L #	95
29) Cyclohexane	5.464	56	247488	212.280	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	286712	221.620	ug/L	99
31) Carbon tetrachloride	5.678	117	231369	225.153	ug/L	99
33) Benzene	6.037	78	664364	215.765	ug/L	100
34) Trichloroethene	7.123	95	178093	217.644	ug/L	97
35) Methylcyclohexane	7.379	83	243809	217.180	ug/L	99
37) 1,2-Dichloropropane	7.427	63	174432	217.908	ug/L	98
38) Bromodichloromethane	7.824	83	239780	234.003	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	290299	236.923	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	418429	451.556	ug/L	99
42) Toluene	8.720	91	694791	218.570	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	259680	246.394	ug/L	98

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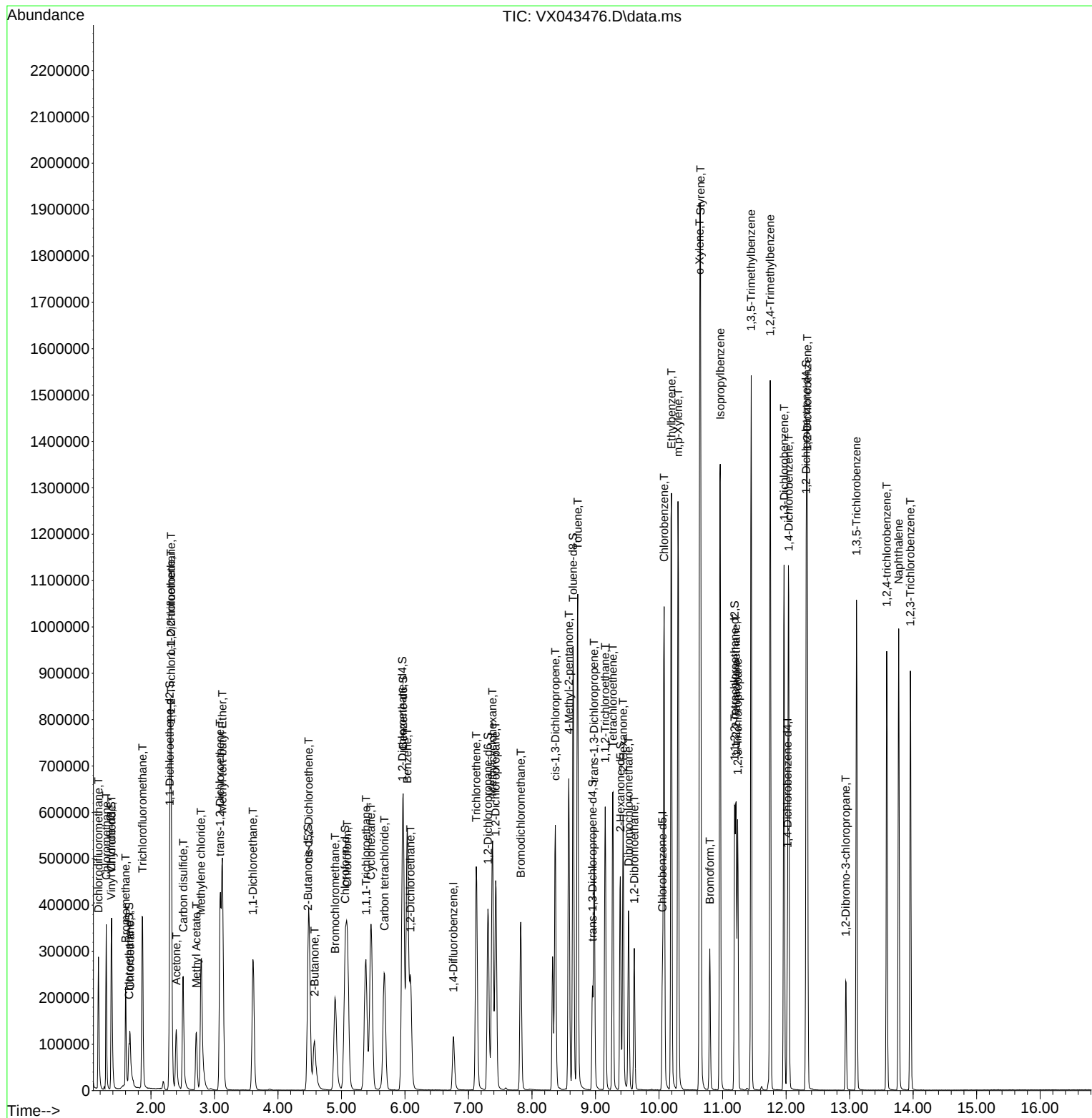
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	158673	218.271	ug/L	98
46) Tetrachloroethene	9.275	164	119288	215.552	ug/L	95
48) 2-Hexanone	9.433	43	319381	441.796	ug/L	96
49) Dibromochloromethane	9.519	129	162600	239.649	ug/L	97
50) 1,2-Dibromoethane	9.610	107	165307	220.640	ug/L	91
51) Chlorobenzene	10.079	112	455907	217.530	ug/L	99
52) Ethylbenzene	10.195	91	760621	220.212	ug/L	99
53) m,p-Xylene	10.299	106	286214	221.127	ug/L	95
54) o-Xylene	10.640	106	293148	221.184	ug/L	96
55) Styrene	10.653	104	503475	228.710	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	224602	217.332	ug/L	99
59) Bromoform	10.799	173	101148	242.569	ug/L	99
60) Isopropylbenzene	10.963	105	720011	207.606	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	177341	201.010	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	631814	213.158	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	652863	216.671	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	344900	217.946	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	338841	208.738	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	333144	211.233	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	47371	234.859	ug/L	82
69) 1,3,5-Trichlorobenzene	13.109	180	227339	221.019	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	206524	240.069	ug/L	98
71) Naphthalene	13.774	128	597417	236.087	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	195954	226.542	ug/L	100

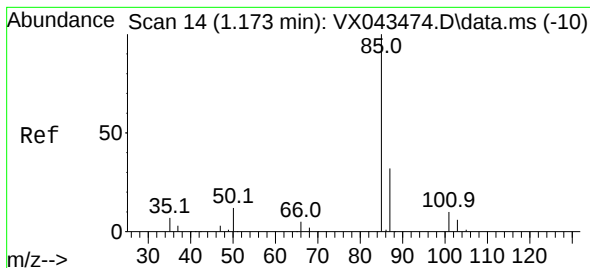
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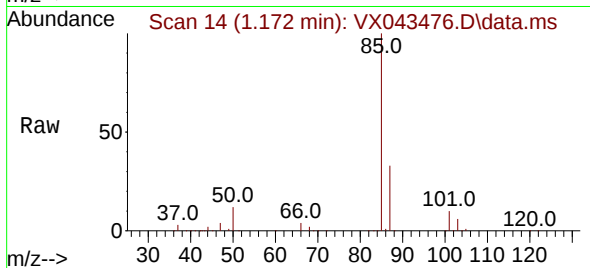
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Quant Title : VOC Analysis
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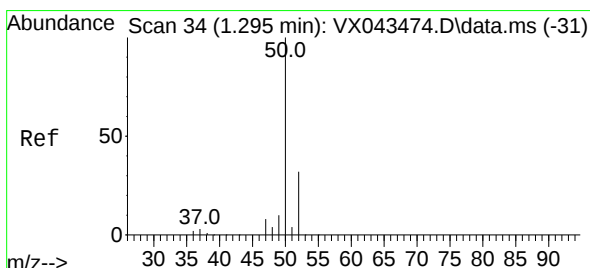
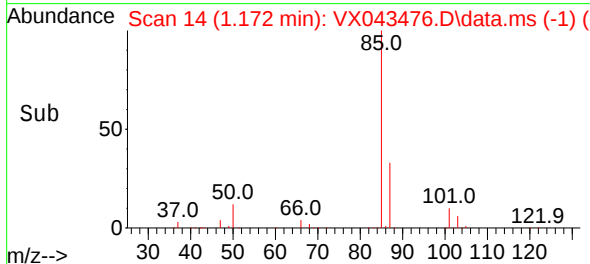
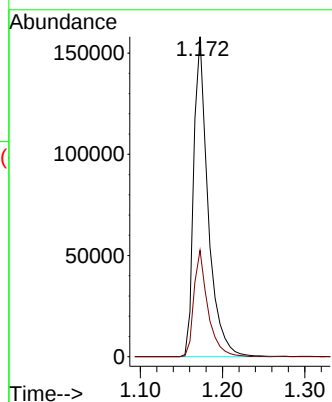


#2
Dichlorodifluoromethane
Concen: 208.828 ug/L
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

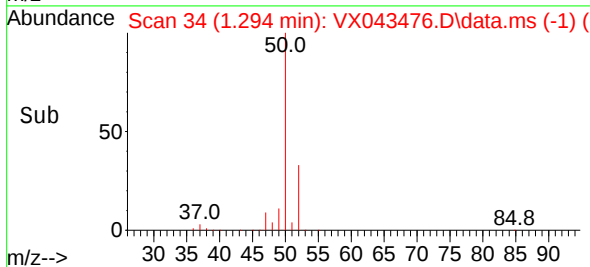
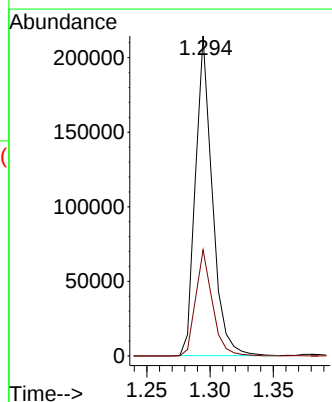
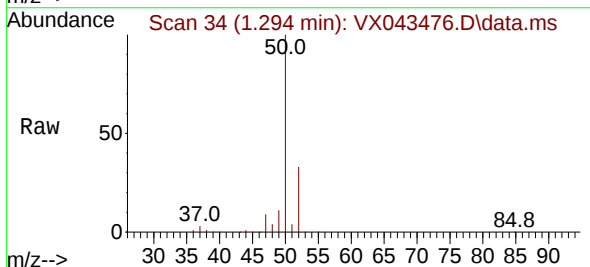


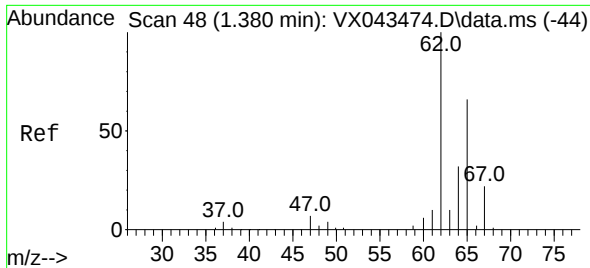
Tgt Ion: 85 Resp: 191744
Ion Ratio Lower Upper
85 100
87 32.2 25.0 37.6



#3
Chloromethane
Concen: 216.053 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Tgt Ion: 50 Resp: 198787
Ion Ratio Lower Upper
50 100
52 33.1 22.0 41.0

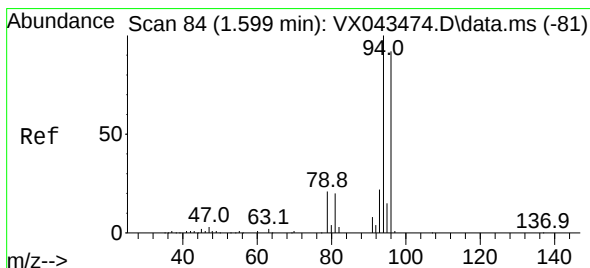
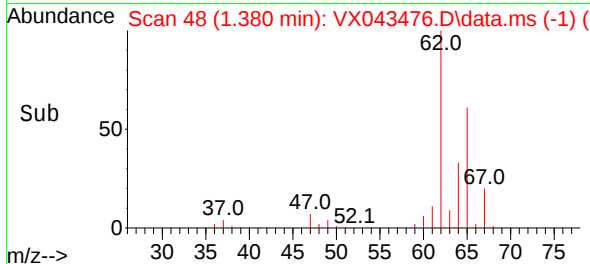
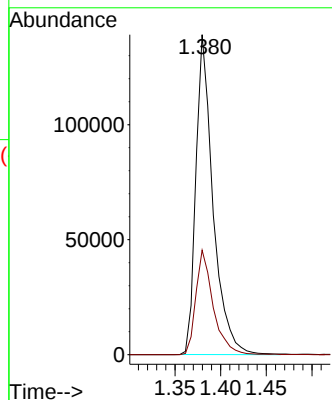
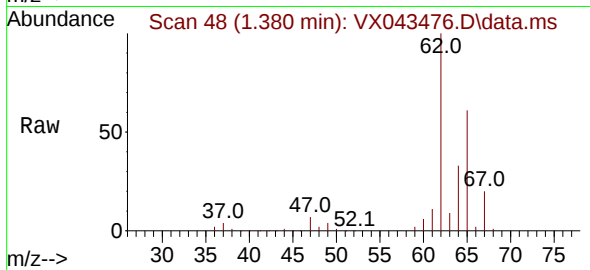




#5
 Vinyl chloride
 Concen: 213.030 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VX043476.D
 Acq: 22 Oct 2024 10:25

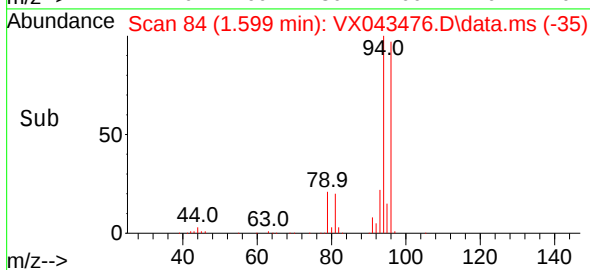
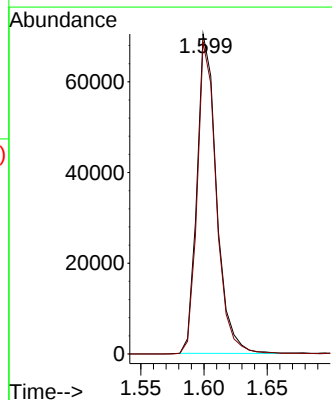
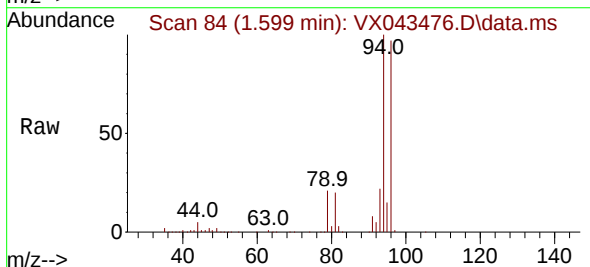
Instrument :
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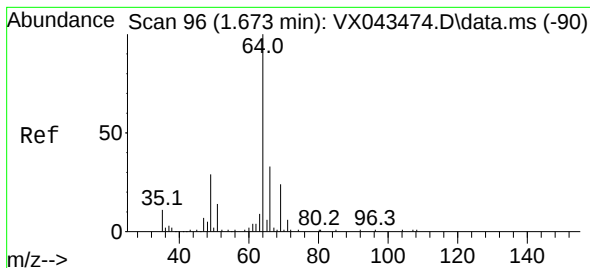
Tgt Ion: 62 Resp: 181702
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.0 41.0



#6
 Bromomethane
 Concen: 213.306 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX043476.D
 Acq: 22 Oct 2024 10:25

Tgt Ion: 94 Resp: 75908
 Ion Ratio Lower Upper
 94 100
 96 97.4 64.3 119.3





#8

Chloroethane

Concen: 187.057 ug/L

RT: 1.672 min Scan# 96

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

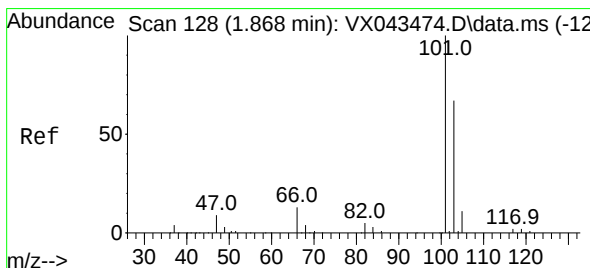
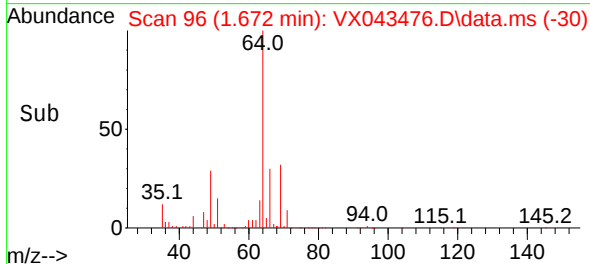
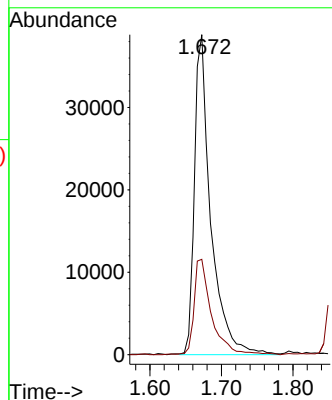
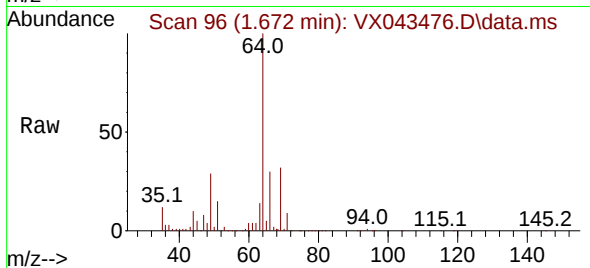
ClientSampleId :

Tgt Ion: 64 Resp: 61419

Ion Ratio Lower Upper

64 100

66 29.8 23.3 43.3



#9

Trichlorofluoromethane

Concen: 216.801 ug/L

RT: 1.867 min Scan# 128

Delta R.T. -0.000 min

Lab File: VX043476.D

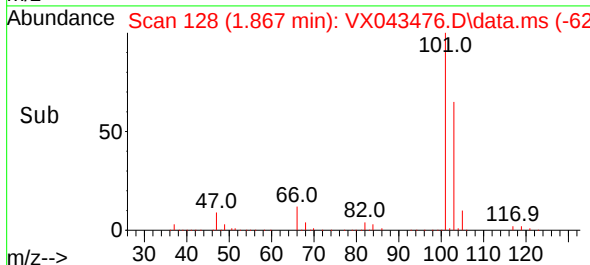
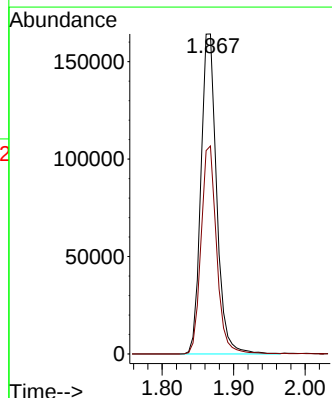
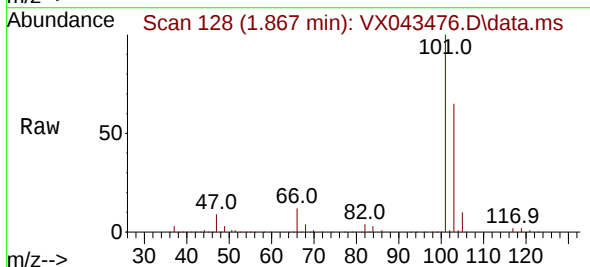
Acq: 22 Oct 2024 10:25

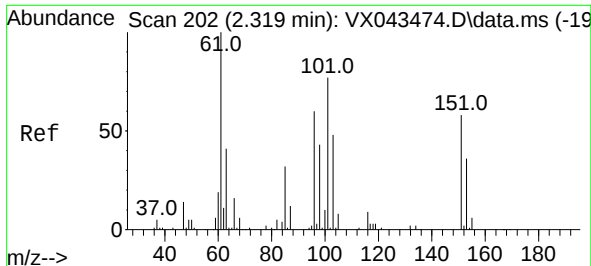
Tgt Ion:101 Resp: 251028

Ion Ratio Lower Upper

101 100

103 64.1 50.7 76.1

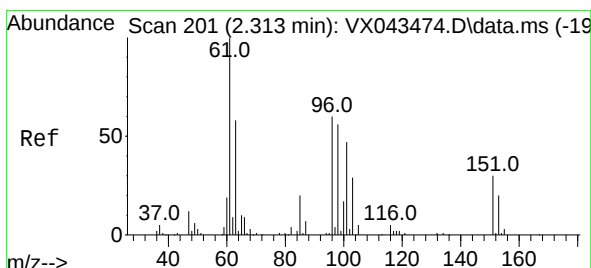
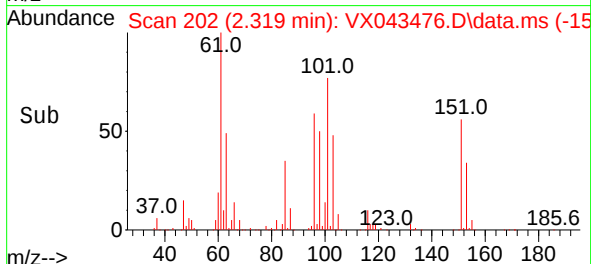
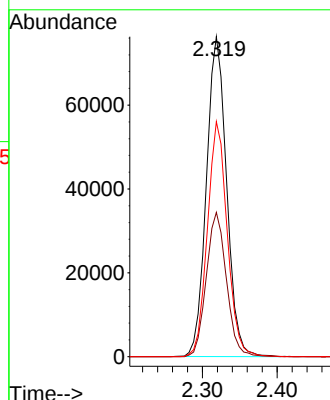
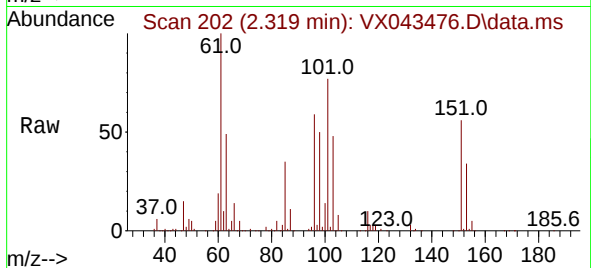




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 210.789 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

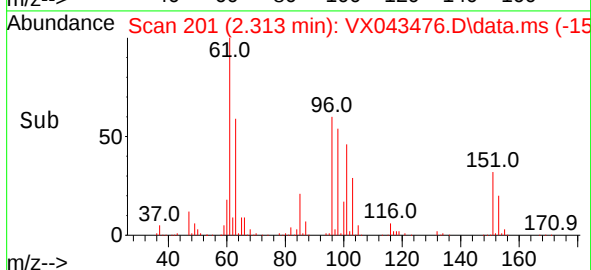
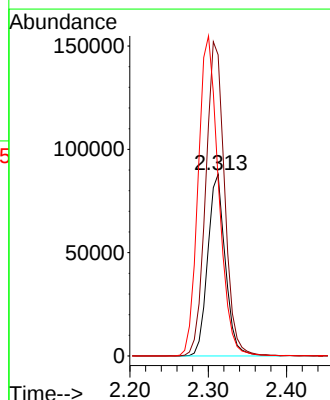
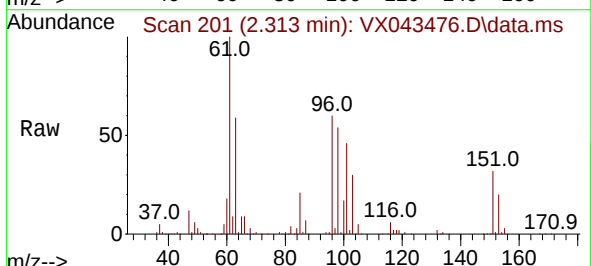
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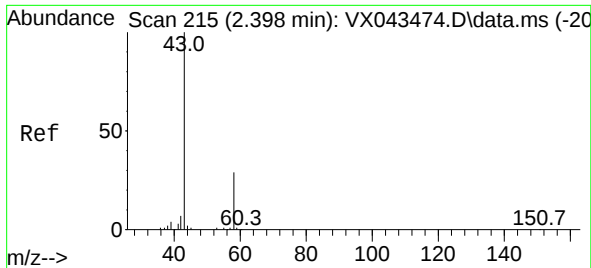
Tgt Ion:101 Resp: 143231
Ion Ratio Lower Upper
101 100
85 44.9 34.9 52.3
151 72.3 57.0 85.6



#12
1,1-Dichloroethene
Concen: 218.194 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

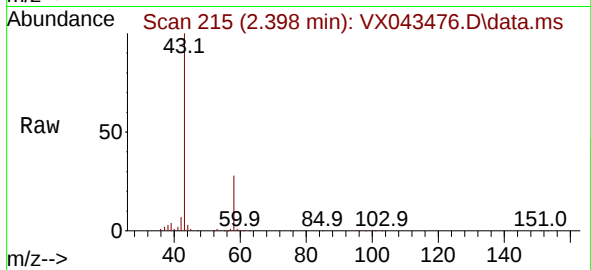
Tgt Ion: 96 Resp: 136945
Ion Ratio Lower Upper
96 100
61 165.8 117.4 218.0
63 97.1 70.1 130.3



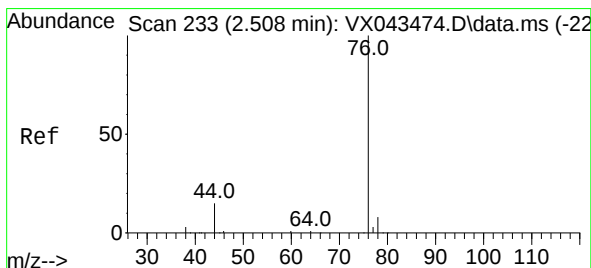
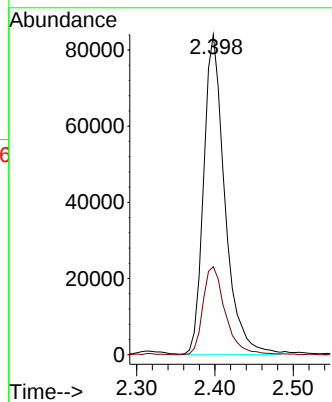
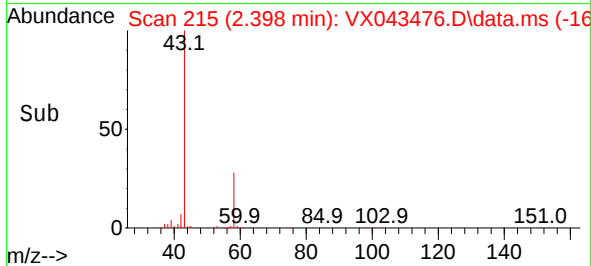


#13
Acetone
Concen: 374.469 ug/L
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX043476.D
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ClientSampleId :

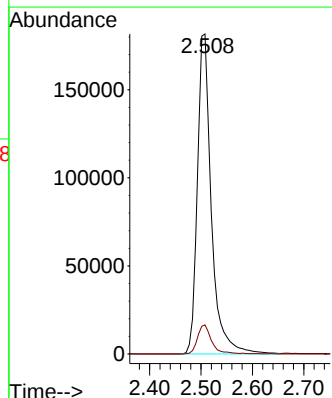
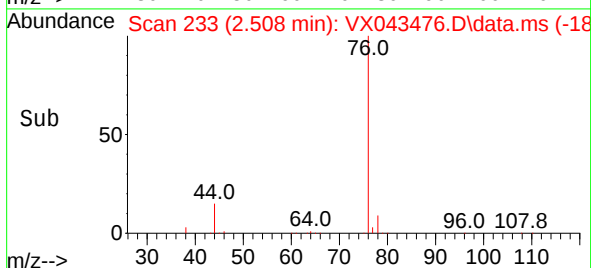
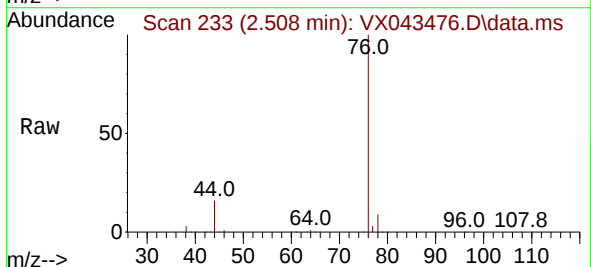


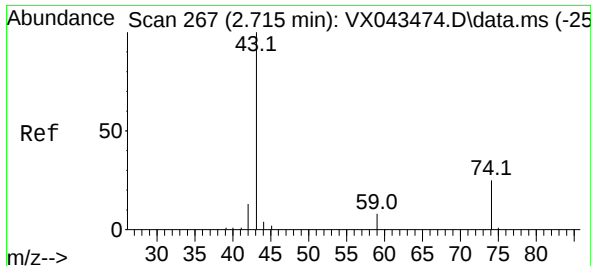
Tgt Ion: 43 Resp: 157975
Ion Ratio Lower Upper
43 100
58 28.8 0.0 60.0



#14
Carbon disulfide
Concen: 245.450 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Tgt Ion: 76 Resp: 343745
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2





#15

Methyl Acetate

Concen: 207.758 ug/L

RT: 2.715 min Scan# 267

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

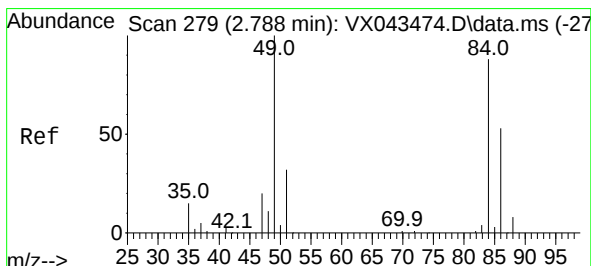
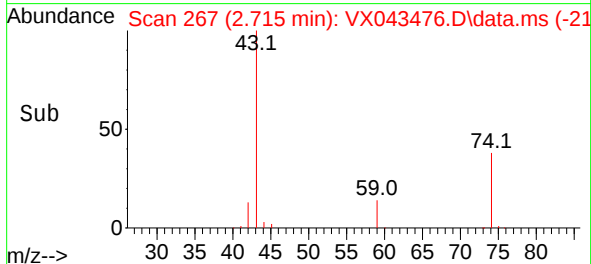
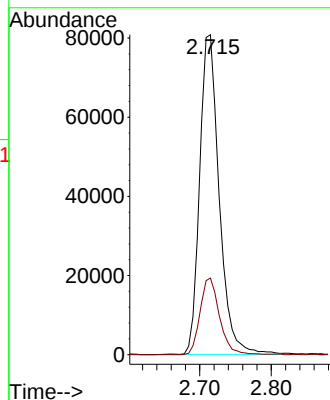
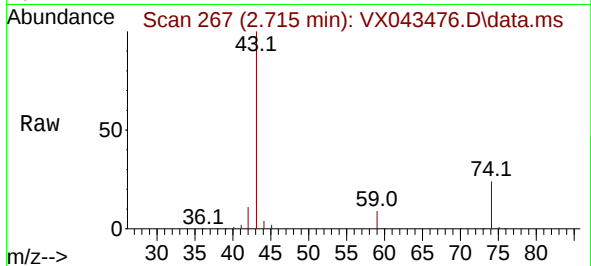
ClientSampleId :

Tgt Ion: 43 Resp: 153152

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0



#16

Methylene chloride

Concen: 212.818 ug/L

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

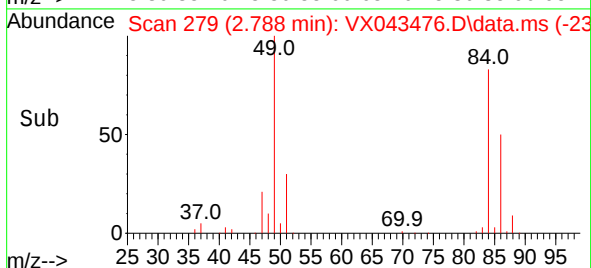
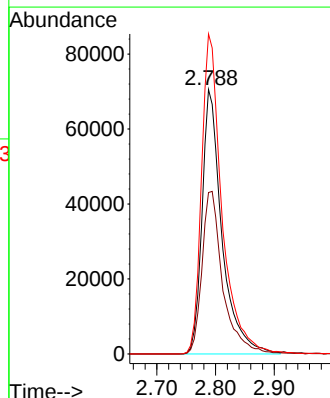
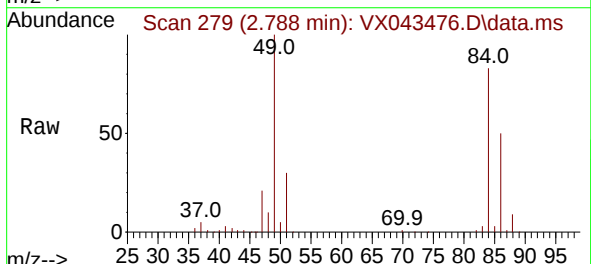
Tgt Ion: 84 Resp: 166042

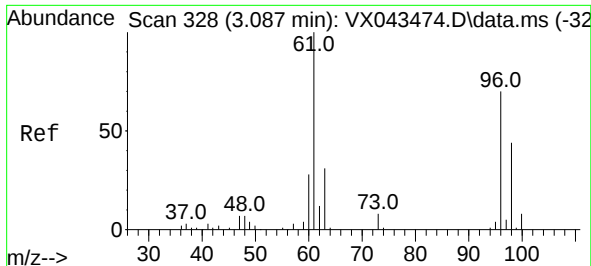
Ion Ratio Lower Upper

84 100

86 61.1 42.2 78.4

49 121.0 79.7 147.9

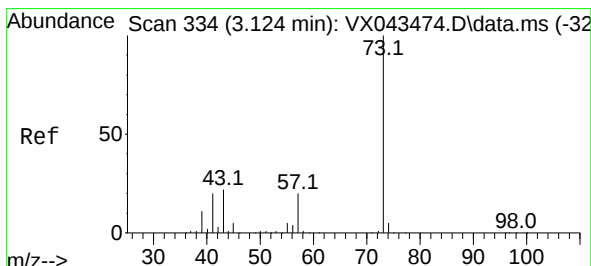
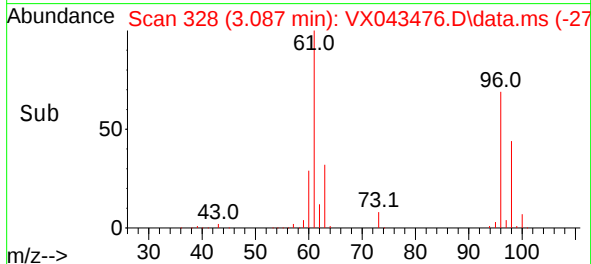
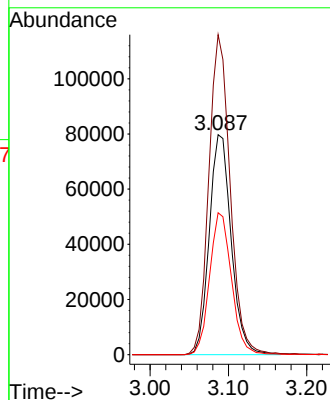
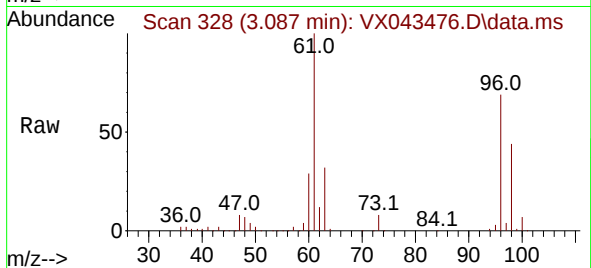




#17
trans-1,2-Dichloroethene
Concen: 222.818 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

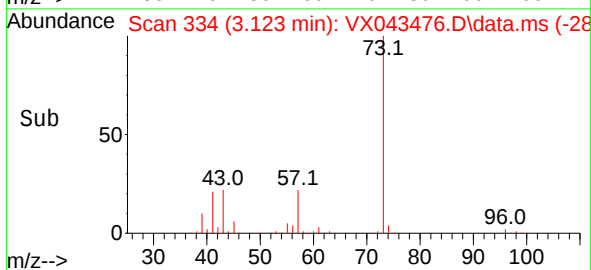
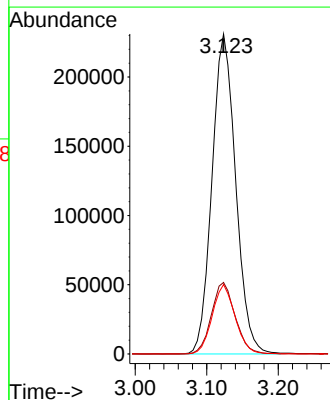
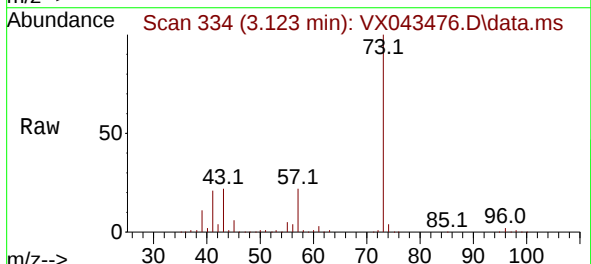
Instrument :
MSVOA_X
ClientSampleId :

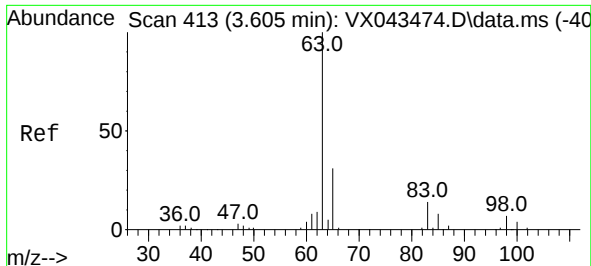
Tgt Ion: 96 Resp: 155077
Ion Ratio Lower Upper
96 100
61 145.5 100.0 185.8
98 64.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 220.664 ug/L
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Tgt Ion: 73 Resp: 531554
Ion Ratio Lower Upper
73 100
43 22.3 17.6 26.4
57 21.0 17.0 25.4





#19

1,1-Dichloroethane

Concen: 222.274 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

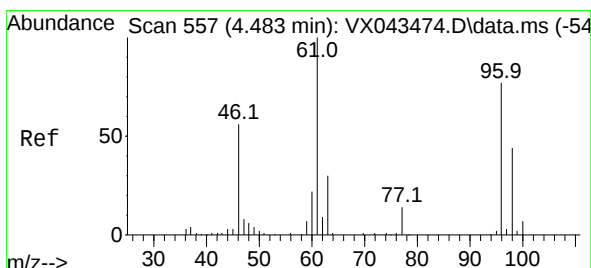
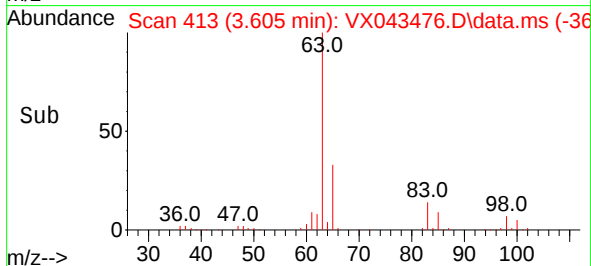
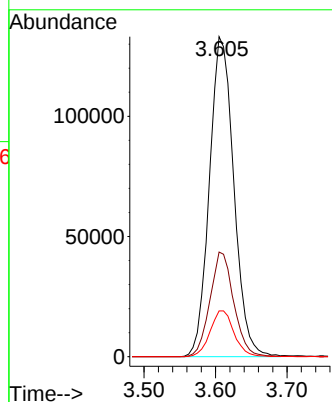
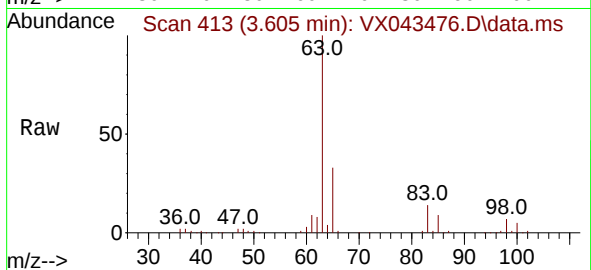
Tgt Ion: 63 Resp: 315760

Ion Ratio Lower Upper

63 100

65 32.7 21.3 39.6

83 14.3 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 225.491 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

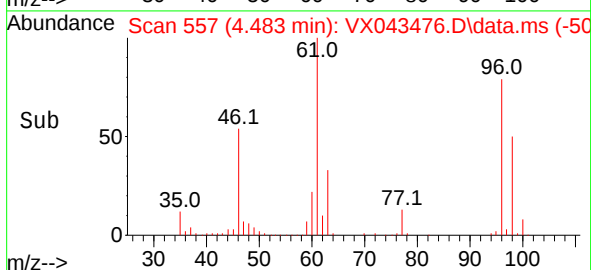
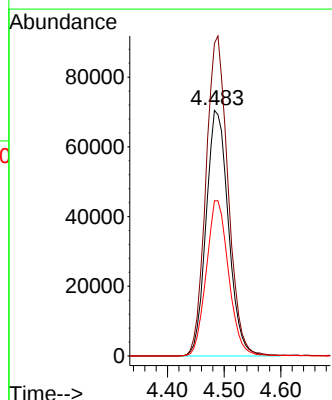
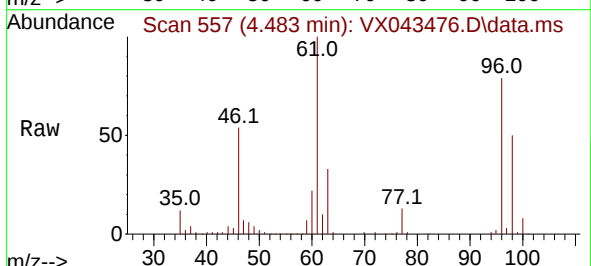
Tgt Ion: 96 Resp: 192934

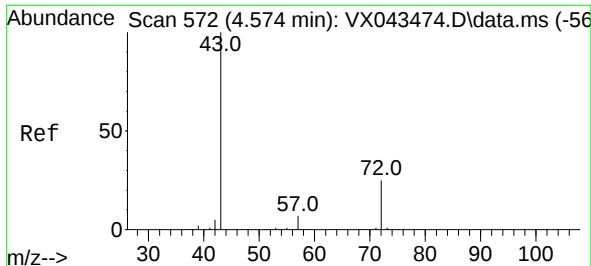
Ion Ratio Lower Upper

96 100

61 127.3 90.7 168.5

98 63.2 40.0 74.2

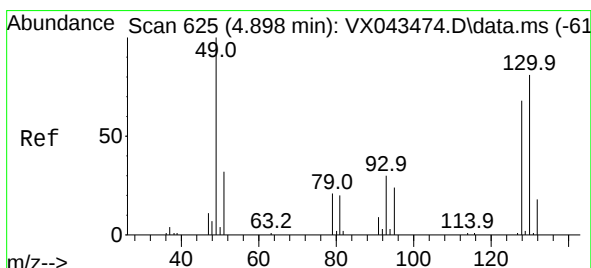
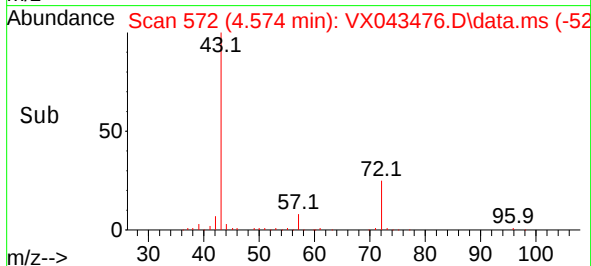
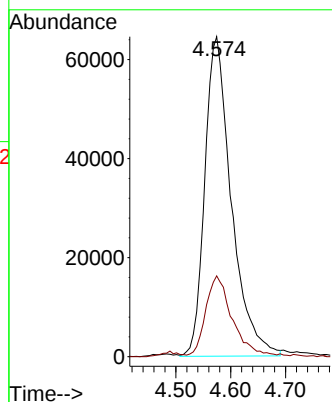
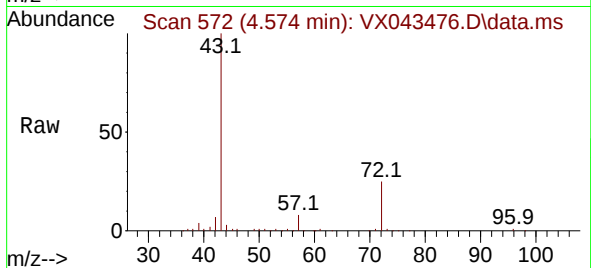




#22
2-Butanone
Concen: 425.560 ug/L
RT: 4.574 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

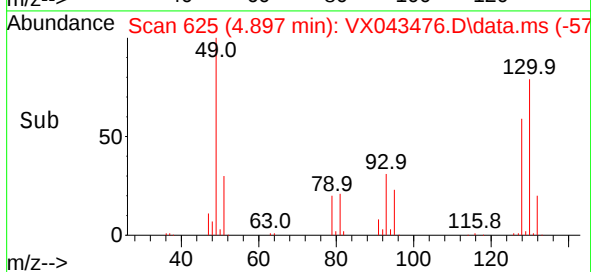
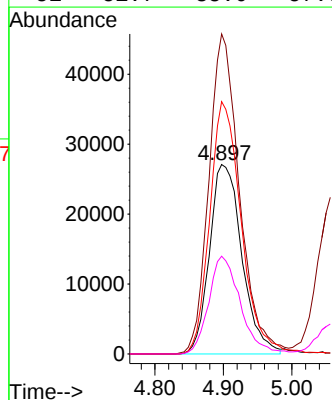
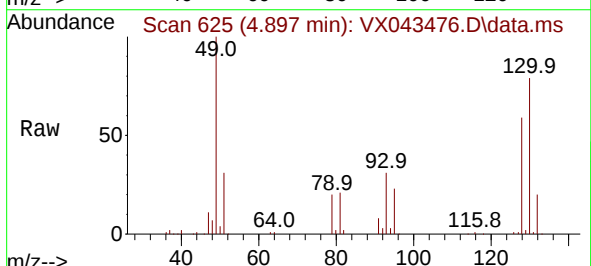
Instrument :
MSVOA_X
ClientSampleId :

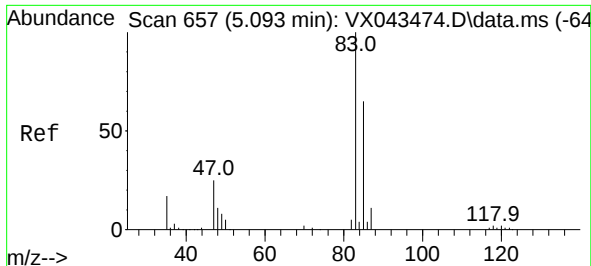
Tgt Ion: 43 Resp: 216926
Ion Ratio Lower Upper
43 100
72 25.3 13.0 39.0



#23
Bromochloromethane
Concen: 220.102 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Tgt Ion:128 Resp: 88792
Ion Ratio Lower Upper
128 100
49 169.0 104.7 194.5
130 133.2 85.0 157.8
51 51.7 38.0 57.0





#25

Chloroform

Concen: 220.336 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

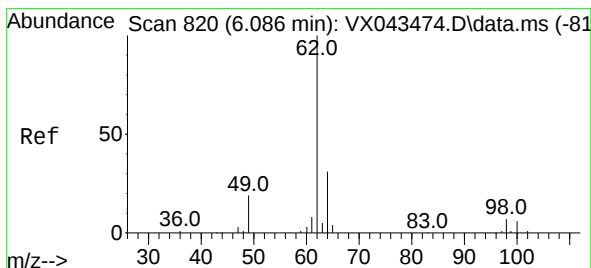
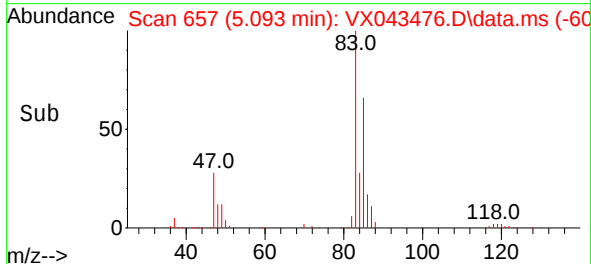
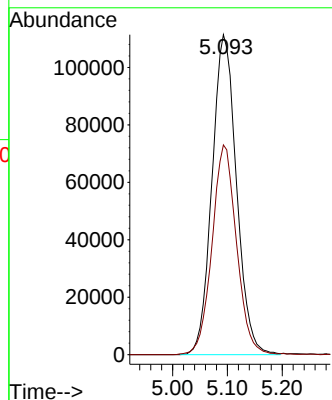
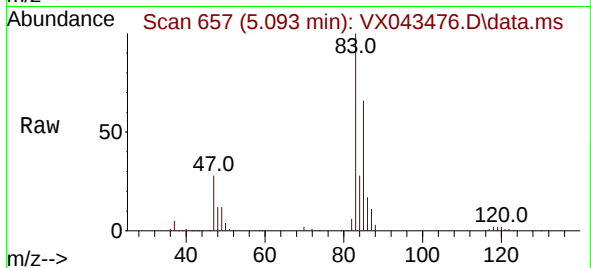
ClientSampleId :

Tgt Ion: 83 Resp: 345050

Ion Ratio Lower Upper

83 100

85 65.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 220.571 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX043476.D

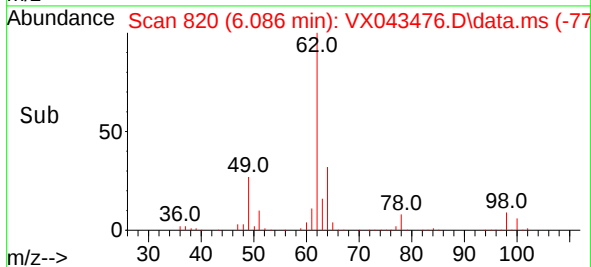
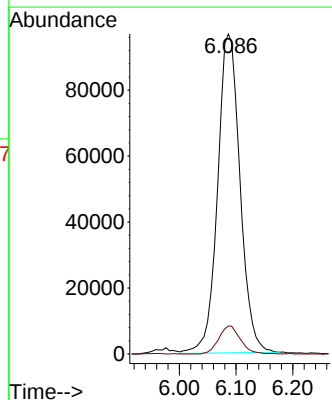
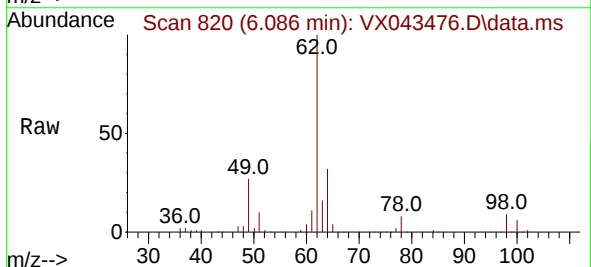
Acq: 22 Oct 2024 10:25

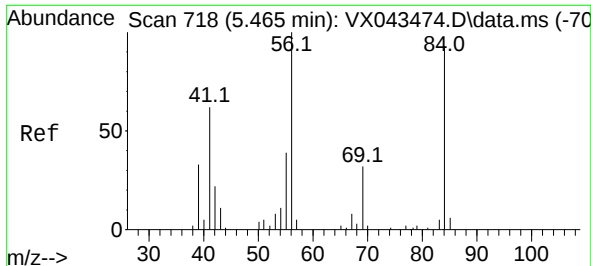
Tgt Ion: 62 Resp: 265747

Ion Ratio Lower Upper

62 100

98 8.8 5.8 8.6#





#29

Cyclohexane

Concen: 212.280 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

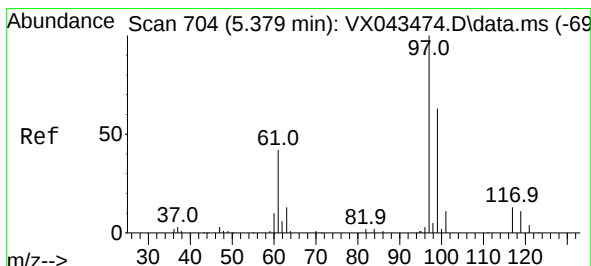
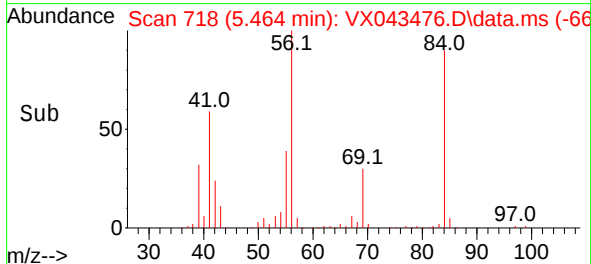
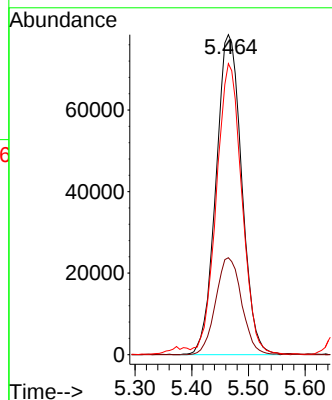
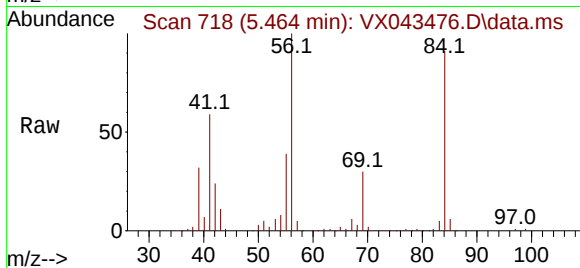
Tgt Ion: 56 Resp: 247488

Ion Ratio Lower Upper

56 100

69 30.5 25.6 38.4

84 89.6 72.4 108.6



#30

1,1,1-Trichloroethane

Concen: 221.620 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

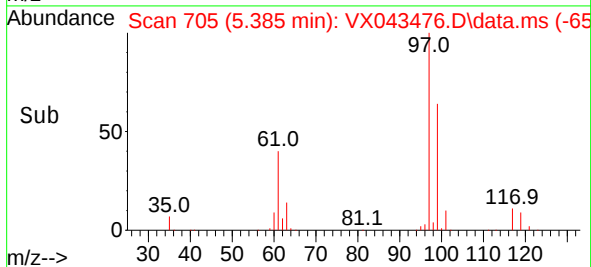
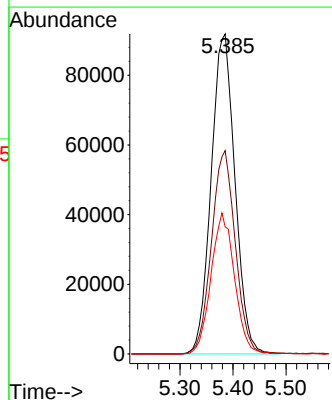
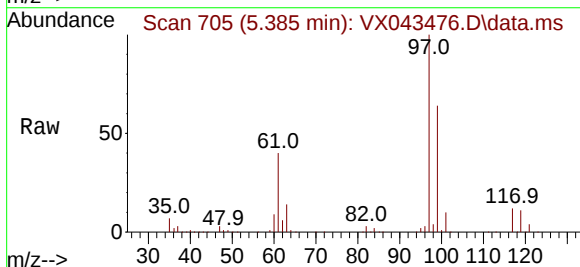
Tgt Ion: 97 Resp: 286712

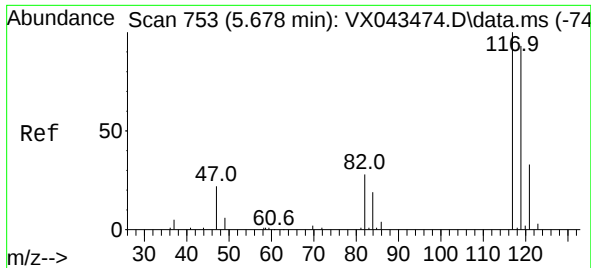
Ion Ratio Lower Upper

97 100

99 63.7 50.5 75.7

61 43.4 35.1 52.7

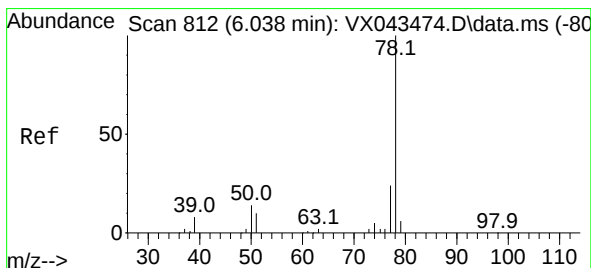
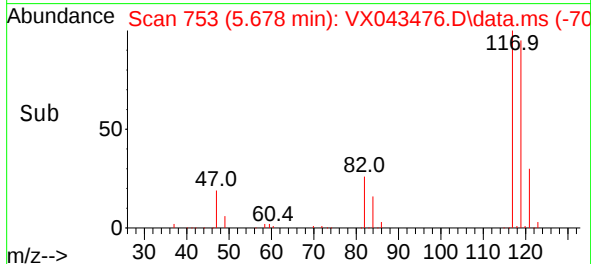
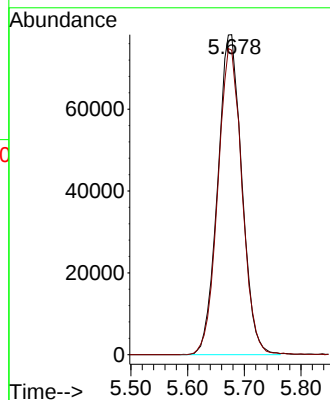
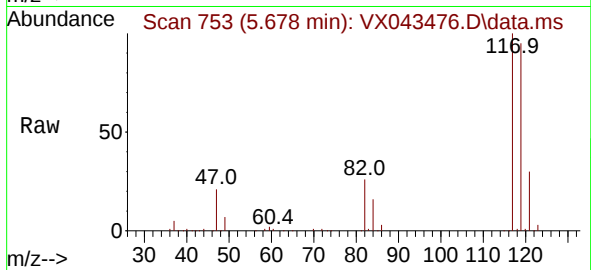




#31
Carbon tetrachloride
Concen: 225.153 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

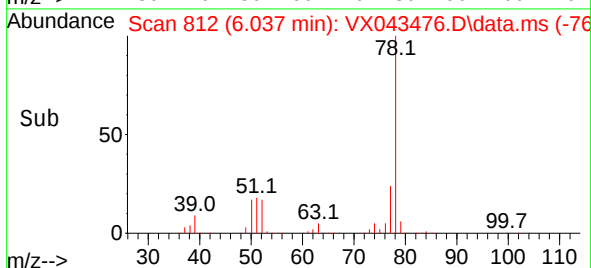
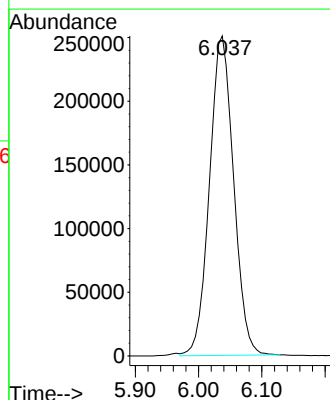
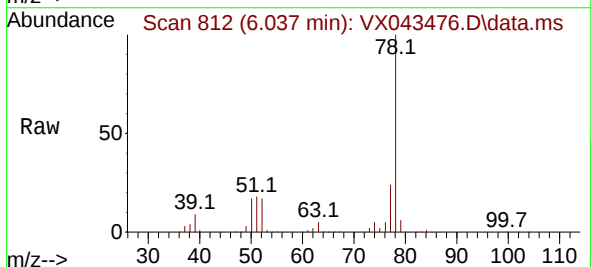
Instrument :
MSVOA_X
ClientSampleId :

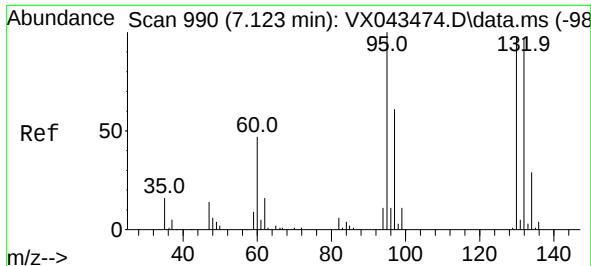
Tgt Ion:117 Resp: 231369
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1



#33
Benzene
Concen: 215.765 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

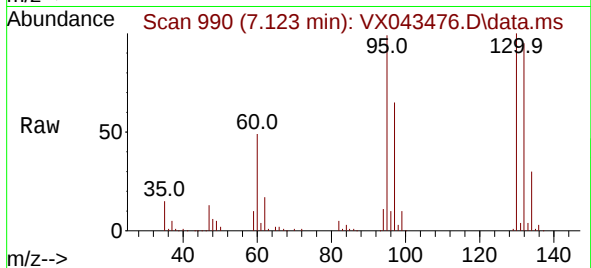
Tgt Ion: 78 Resp: 664364





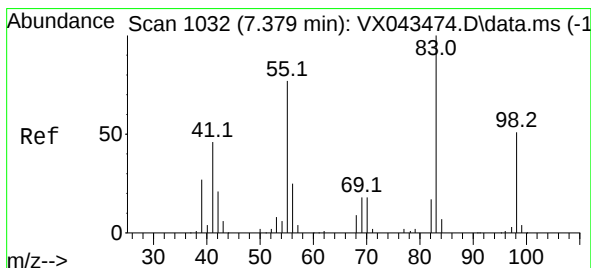
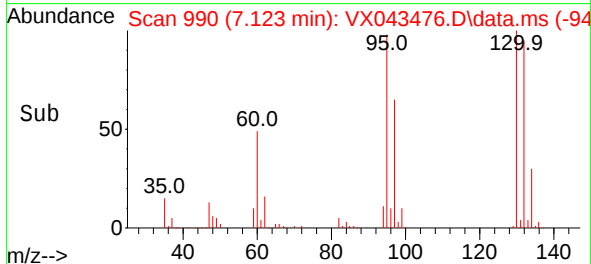
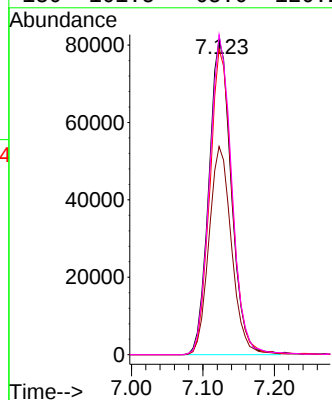
#34
Trichloroethene
Concen: 217.644 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 178093

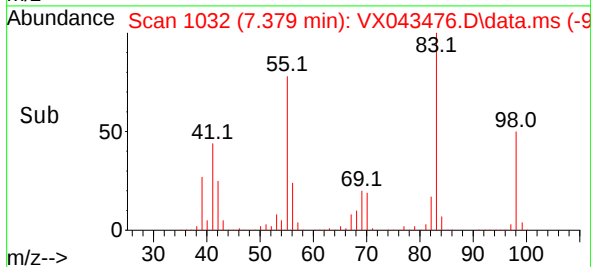
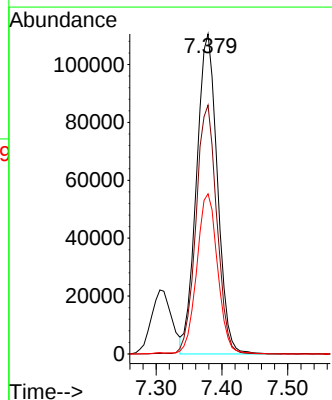
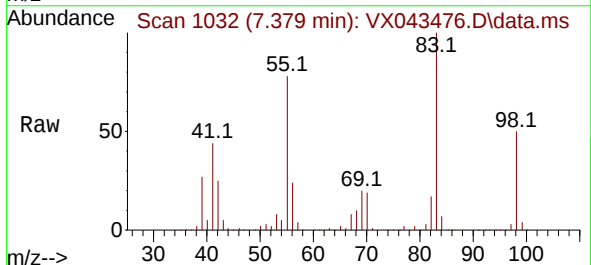
Ion	Ratio	Lower	Upper
95	100		
97	66.0	43.0	80.0
132	96.9	67.8	125.8
130	101.5	68.0	126.2

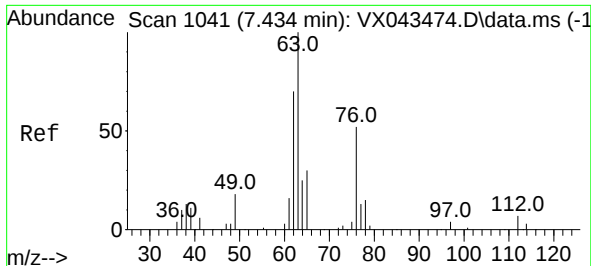


#35
Methylcyclohexane
Concen: 217.180 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Tgt Ion: 83 Resp: 243809

Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.9	91.3
98	50.0	39.3	58.9





#37

1,2-Dichloropropane

Concen: 217.908 ug/L

RT: 7.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

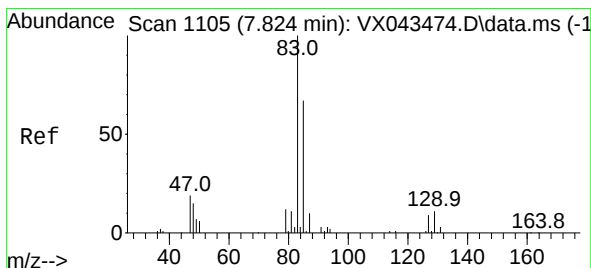
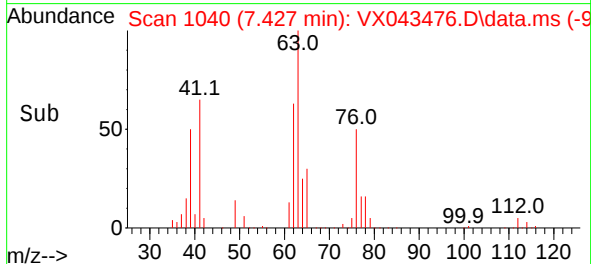
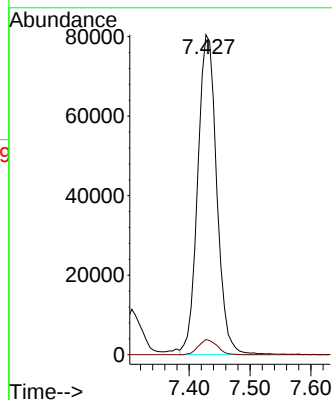
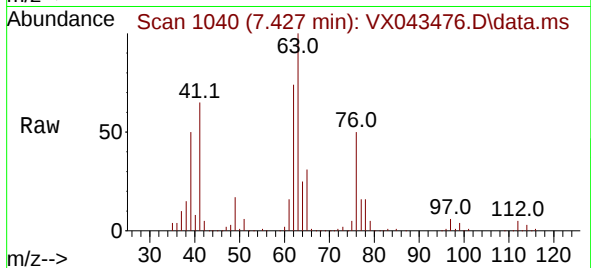
ClientSampleId :

Tgt Ion: 63 Resp: 174432

Ion Ratio Lower Upper

63 100

112 4.6 4.2 6.2



#38

Bromodichloromethane

Concen: 234.003 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

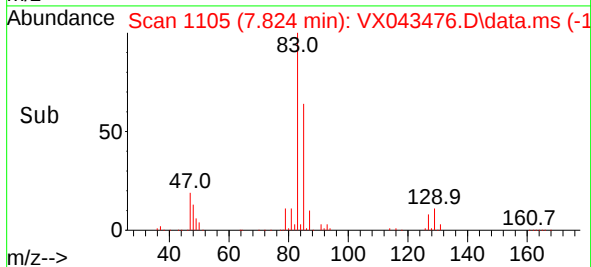
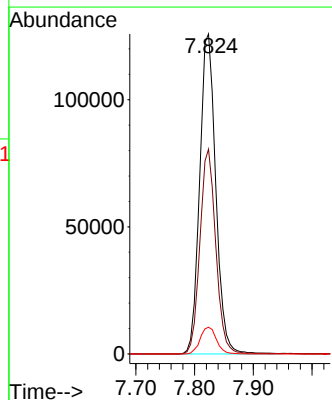
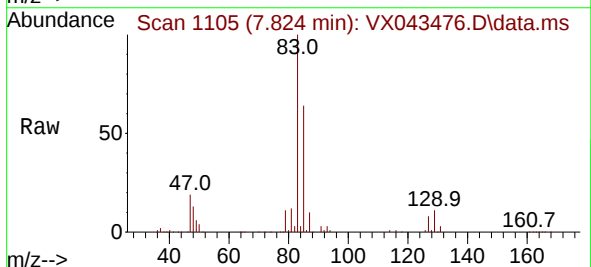
Tgt Ion: 83 Resp: 239780

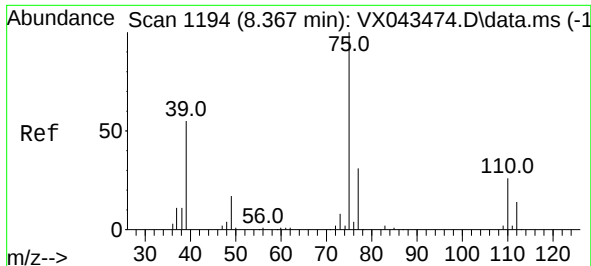
Ion Ratio Lower Upper

83 100

85 64.0 47.2 87.6

127 8.3 7.0 10.4

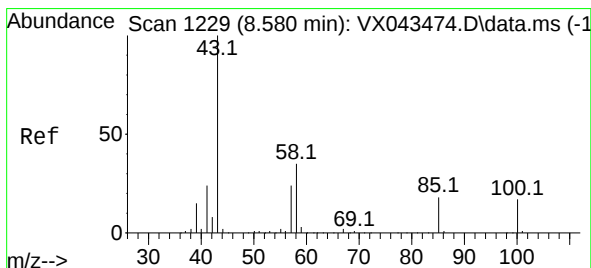
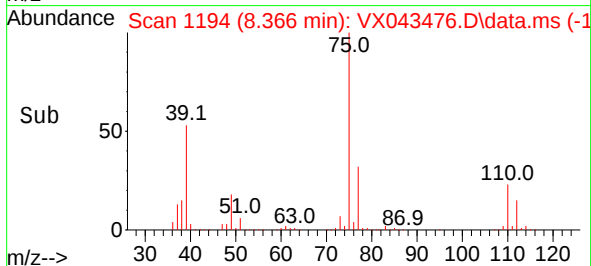
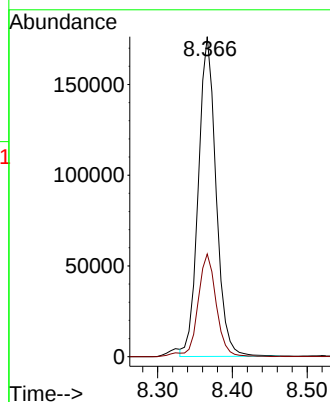
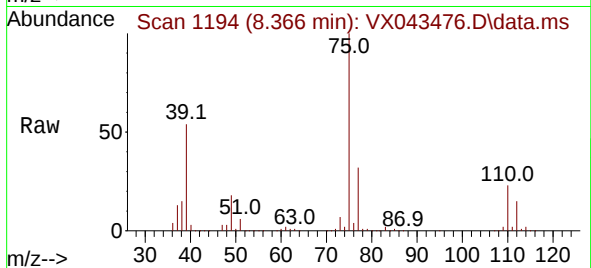




#39
 cis-1,3-Dichloropropene
 Concen: 236.923 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX043476.D
 Acq: 22 Oct 2024 10:25

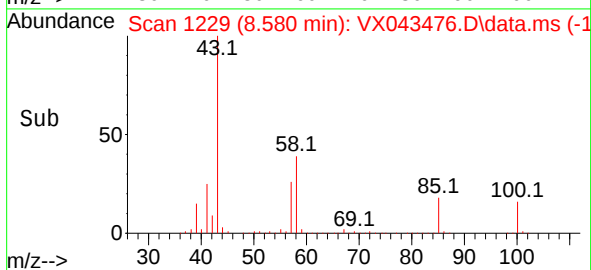
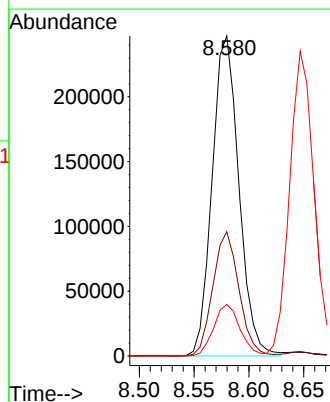
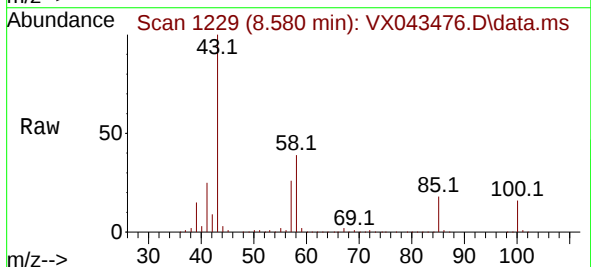
Instrument :
 MSVOA_X
 ClientSampleId :

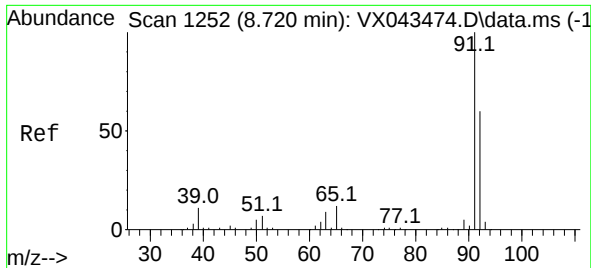
Tgt Ion: 75 Resp: 290299
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 451.556 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. -0.000 min
 Lab File: VX043476.D
 Acq: 22 Oct 2024 10:25

Tgt Ion: 43 Resp: 418429
 Ion Ratio Lower Upper
 43 100
 58 37.9 29.8 44.6
 100 16.0 12.5 18.7





#42

Toluene

Concen: 218.570 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

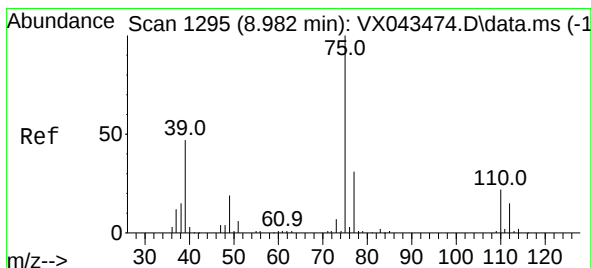
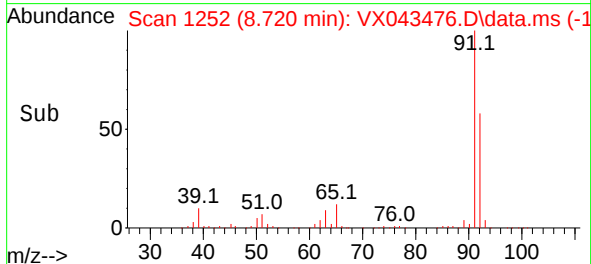
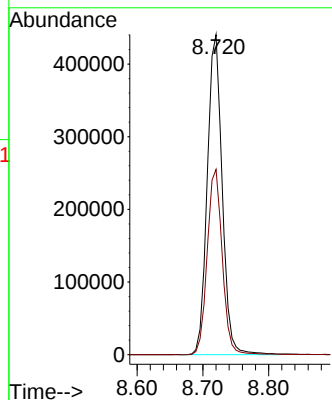
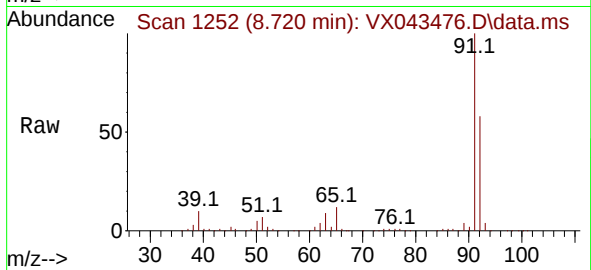
ClientSampleId :

Tgt Ion: 91 Resp: 694791

Ion Ratio Lower Upper

91 100

92 57.9 42.0 78.0



#44

trans-1,3-Dichloropropene

Concen: 246.394 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX043476.D

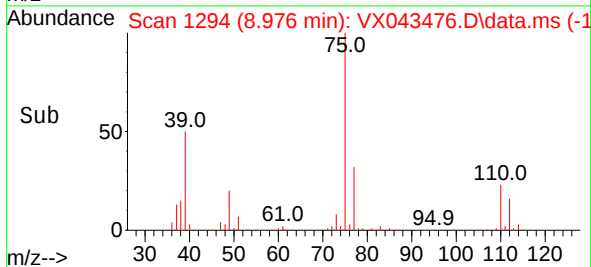
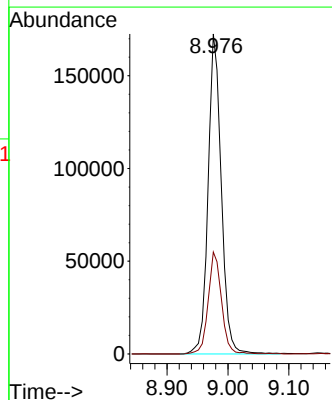
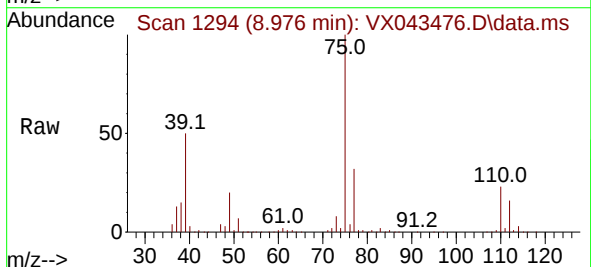
Acq: 22 Oct 2024 10:25

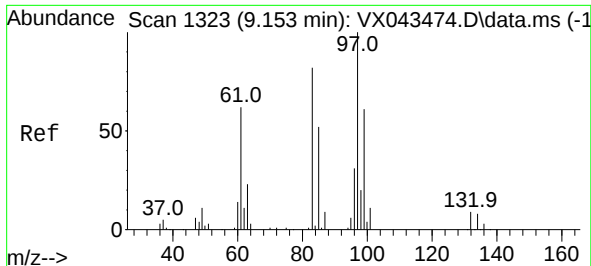
Tgt Ion: 75 Resp: 259680

Ion Ratio Lower Upper

75 100

77 31.9 21.5 39.9



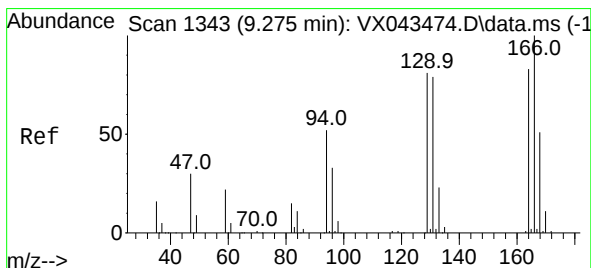
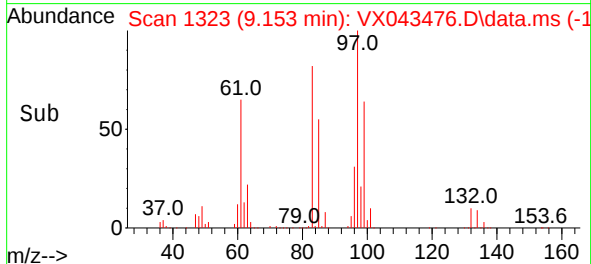
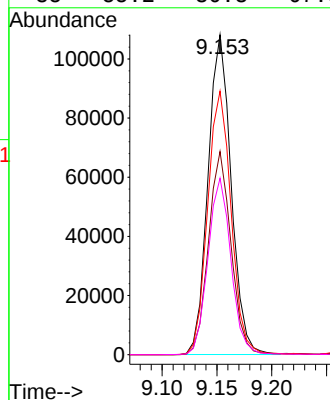
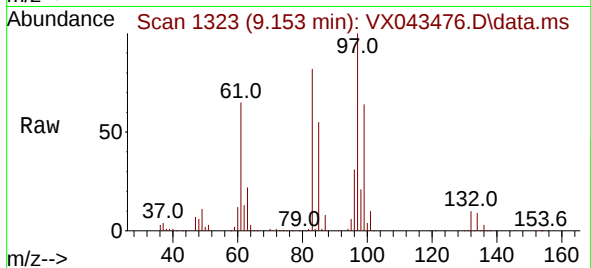


#45
1,1,2-Trichloroethane
Concen: 218.271 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 158673

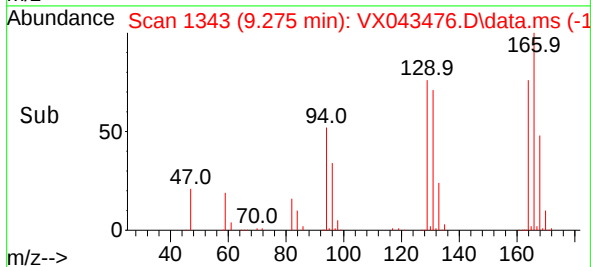
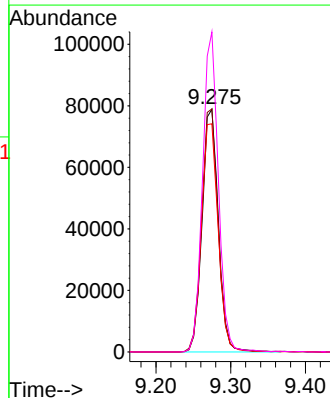
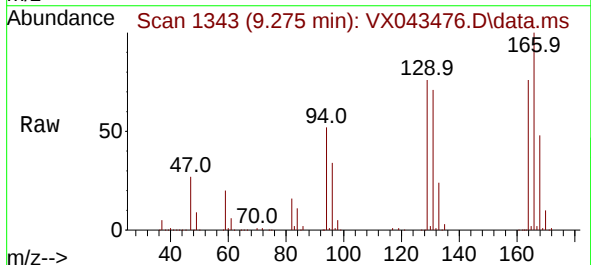
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.0	80.0
83	82.3	57.6	107.0
85	55.2	36.3	67.3

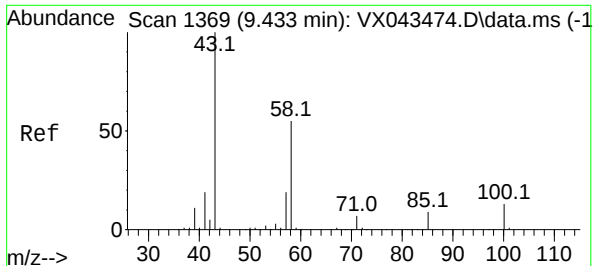


#46
Tetrachloroethene
Concen: 215.552 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Tgt Ion: 164 Resp: 119288

Ion	Ratio	Lower	Upper
164	100		
129	100.1	68.4	127.0
131	93.9	66.8	124.0
166	131.8	84.7	157.3



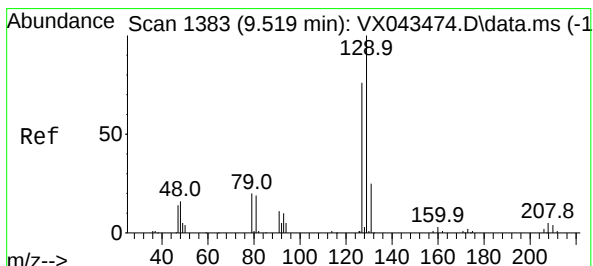
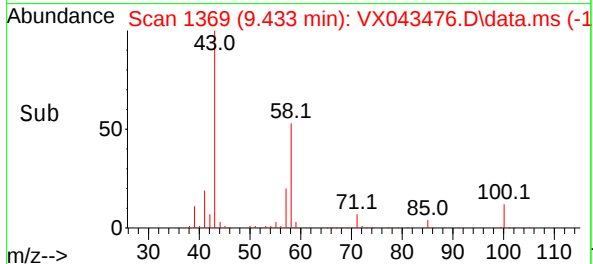
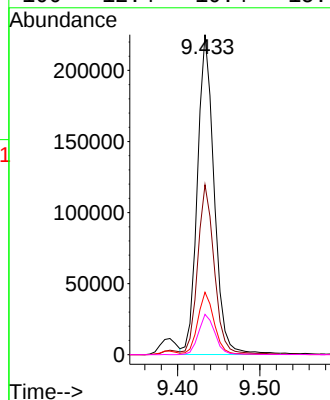
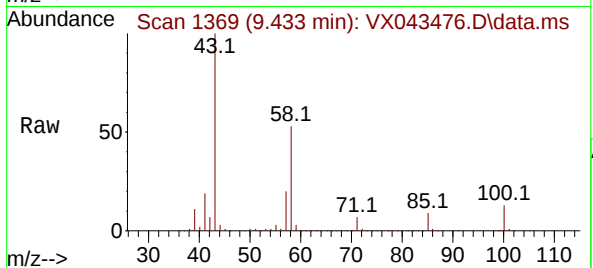


#48
2-Hexanone
Concen: 441.796 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 319381

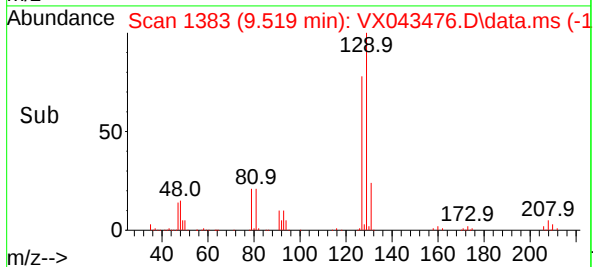
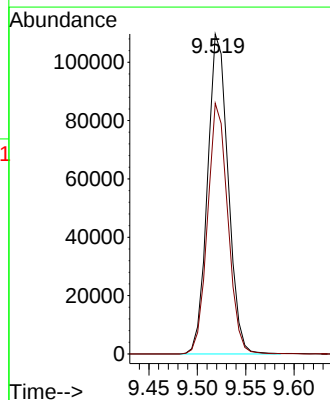
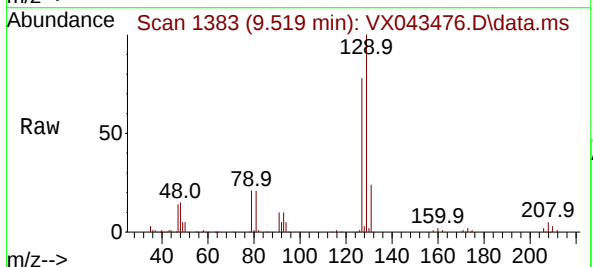
Ion	Ratio	Lower	Upper
43	100		
58	51.5	44.0	66.0
57	18.9	16.0	24.0
100	12.4	10.4	15.6

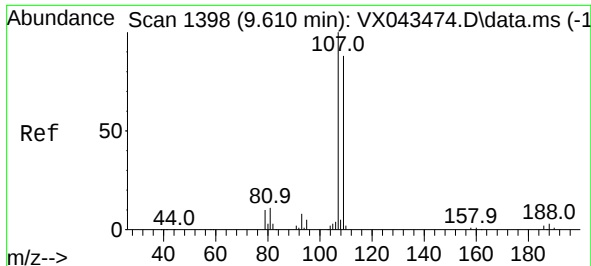


#49
Dibromochloromethane
Concen: 239.649 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Tgt Ion: 129 Resp: 162600

Ion	Ratio	Lower	Upper
129	100		
127	78.3	53.2	98.8





#50

1,2-Dibromoethane

Concen: 220.640 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX043476.D

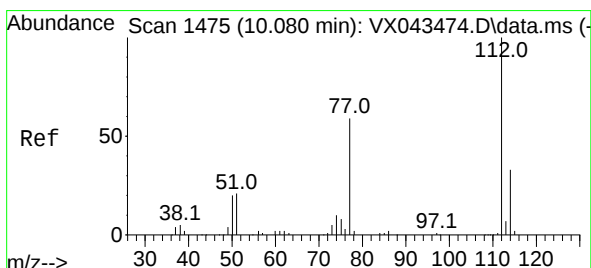
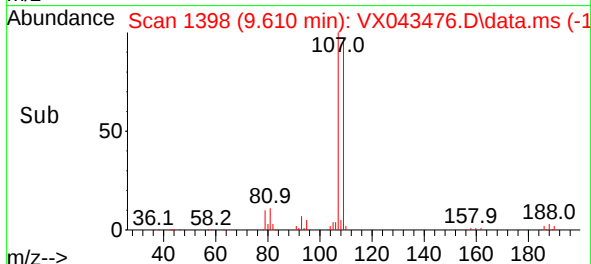
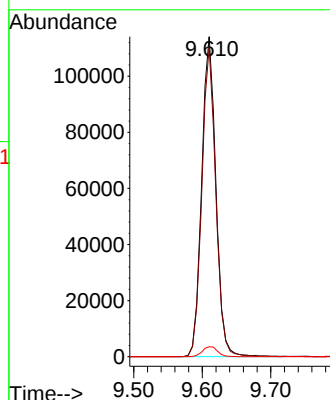
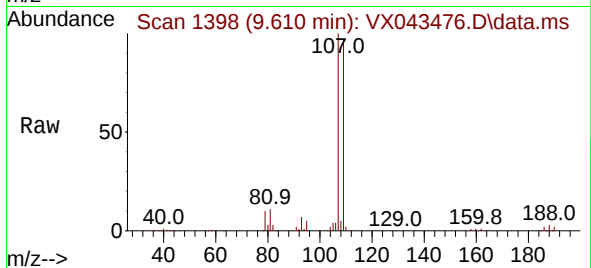
Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	165307
Ion	Ratio	Lower Upper
107	100	
109	96.7	61.6 114.4
188	3.1	2.4 3.6



#51

Chlorobenzene

Concen: 217.530 ug/L

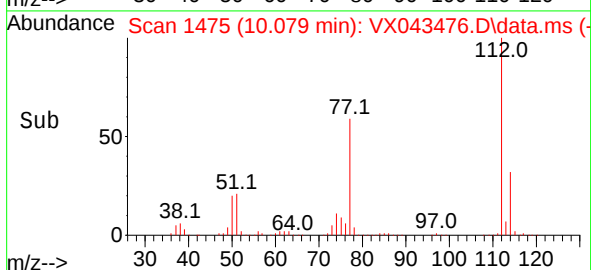
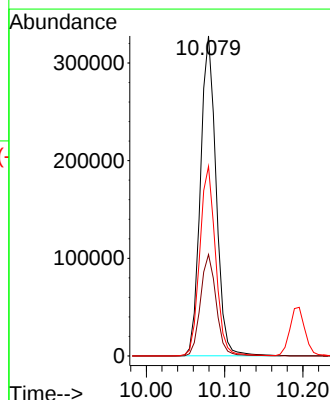
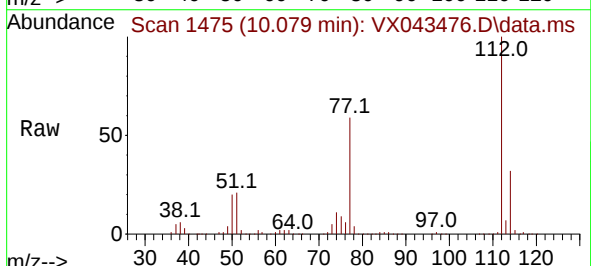
RT: 10.079 min Scan# 1475

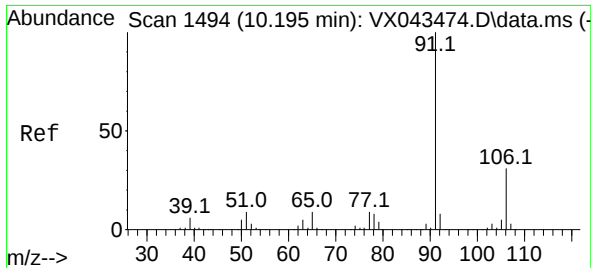
Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Tgt Ion:112	Resp:	455907
Ion	Ratio	Lower Upper
112	100	
114	31.7	22.7 42.3
77	59.3	47.4 71.0





#52

Ethylbenzene

Concen: 220.212 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

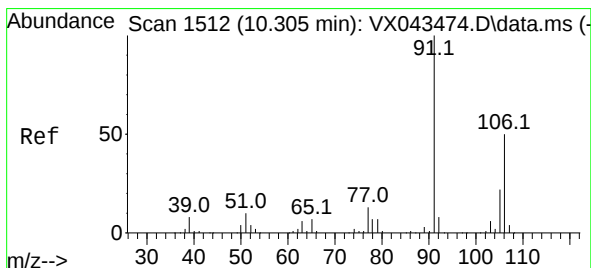
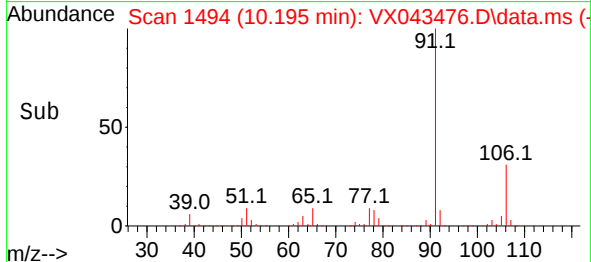
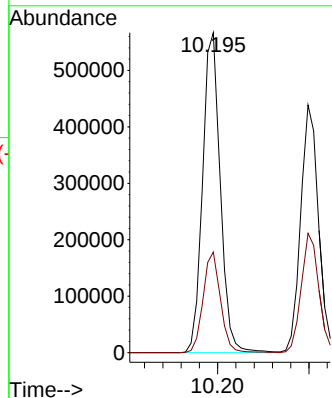
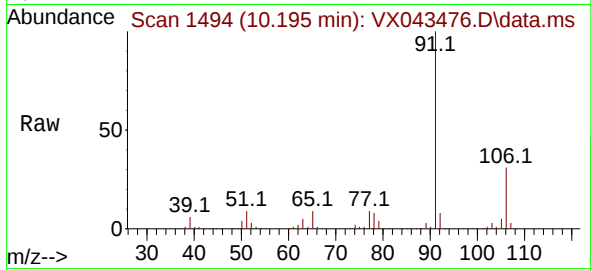
ClientSampleId :

Tgt Ion: 91 Resp: 760621

Ion Ratio Lower Upper

91 100

106 31.4 21.8 40.4



#53

m,p-Xylene

Concen: 221.127 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX043476.D

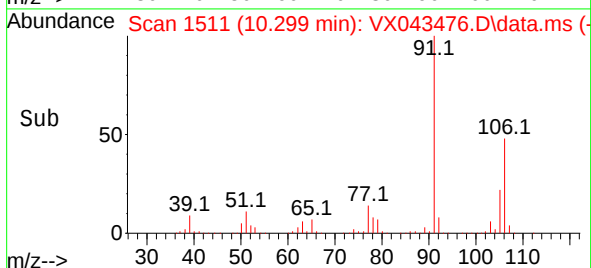
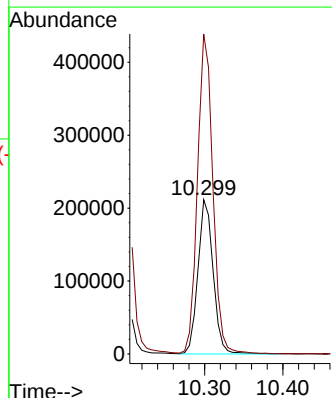
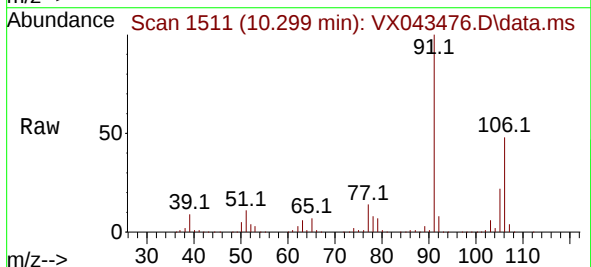
Acq: 22 Oct 2024 10:25

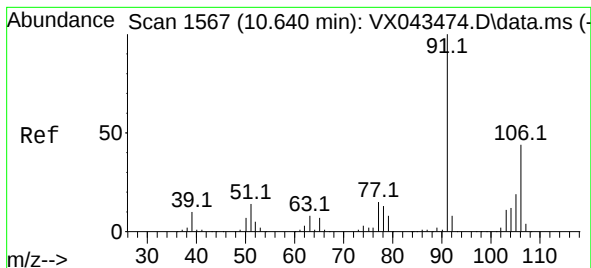
Tgt Ion:106 Resp: 286214

Ion Ratio Lower Upper

106 100

91 207.5 139.7 259.5

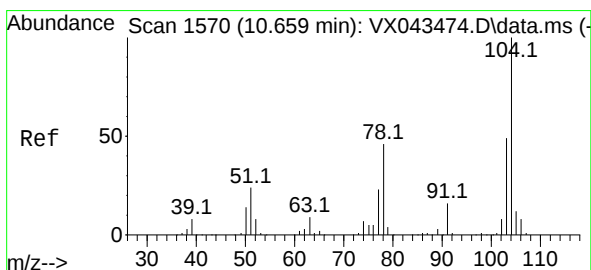
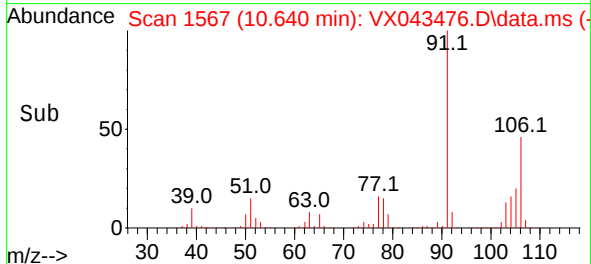
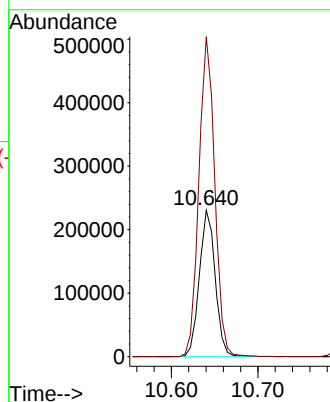
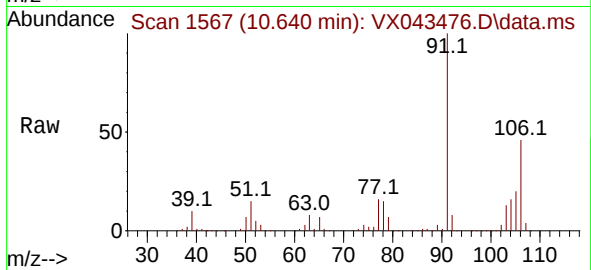




#54
o-Xylene
Concen: 221.184 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

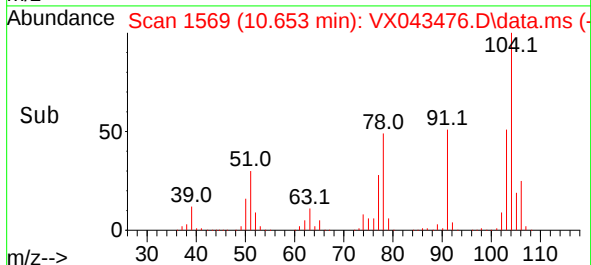
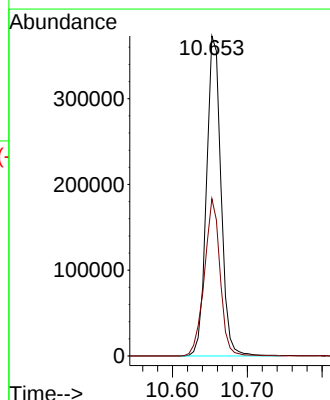
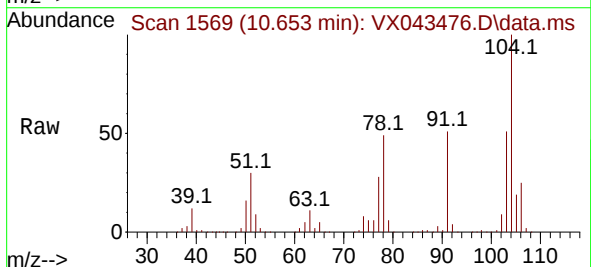
Instrument :
MSVOA_X
ClientSampleId :

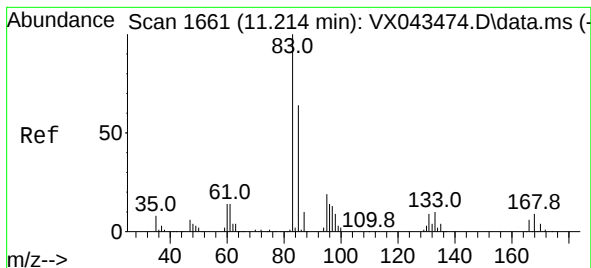
Tgt Ion:106 Resp: 293148
Ion Ratio Lower Upper
106 100
91 218.6 157.4 292.4



#55
Styrene
Concen: 228.710 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Tgt Ion:104 Resp: 503475
Ion Ratio Lower Upper
104 100
78 49.2 32.1 59.7

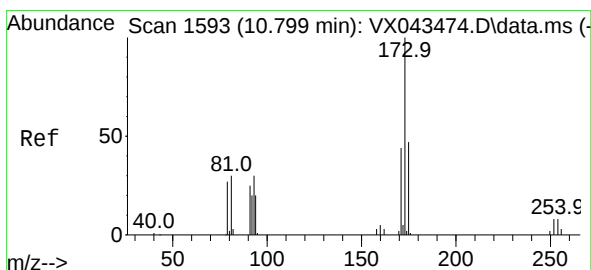
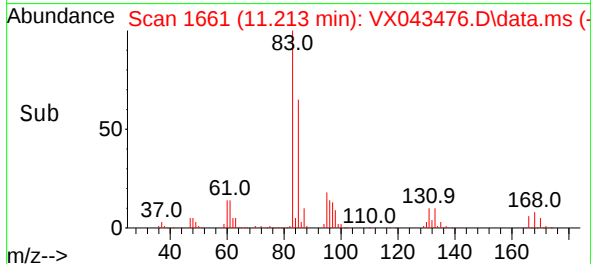
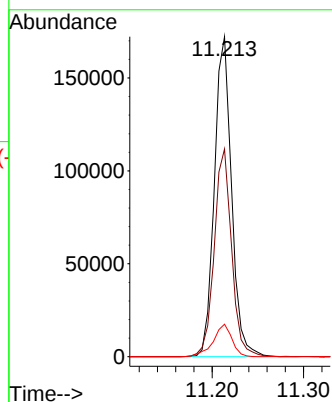
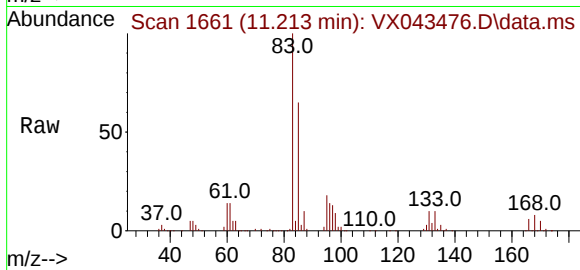




#57
1,1,2,2-Tetrachloroethane
Concen: 217.332 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

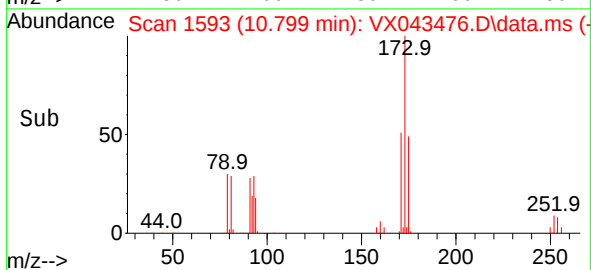
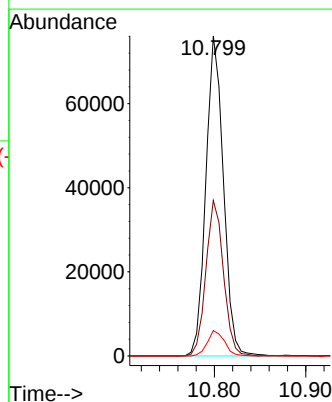
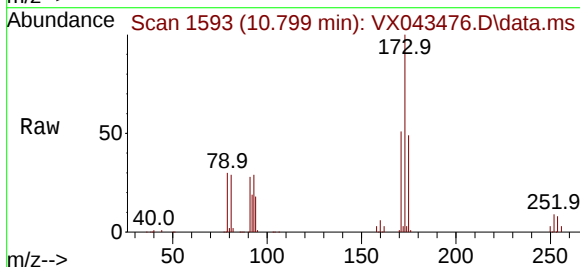
Instrument :
MSVOA_X
ClientSampleId :

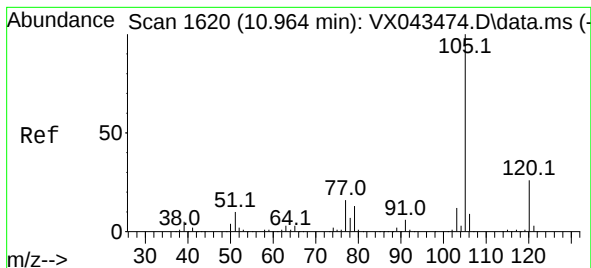
Tgt Ion: 83 Resp: 224602
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.9
131 10.2 7.4 11.2



#59
Bromoform
Concen: 242.569 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Tgt Ion:173 Resp: 101148
Ion Ratio Lower Upper
173 100
175 48.6 39.1 58.7
254 7.8 6.7 10.1





#60

Isopropylbenzene

Concen: 207.606 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

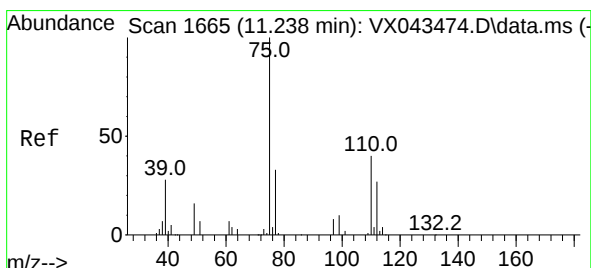
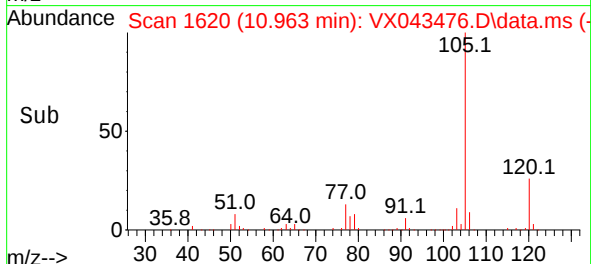
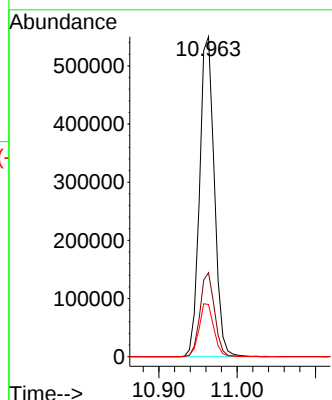
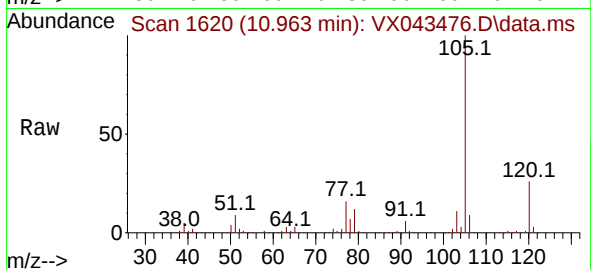
Tgt Ion:105 Resp: 720011

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3

77 16.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 201.010 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

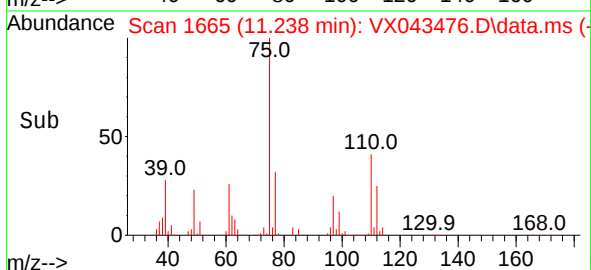
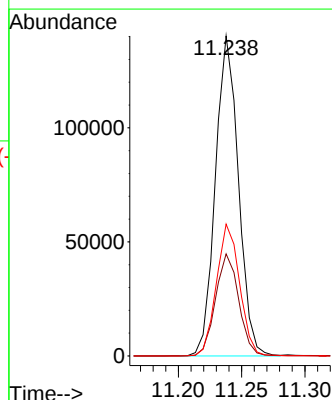
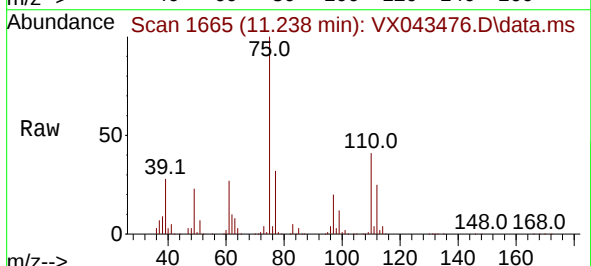
Tgt Ion: 75 Resp: 177341

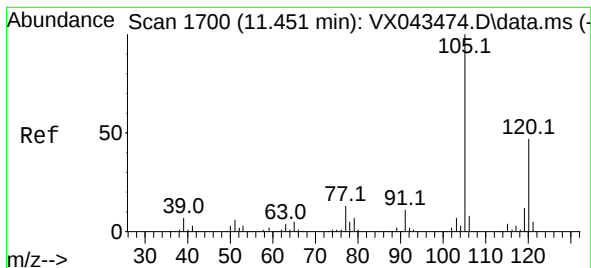
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

110 41.3 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 213.158 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

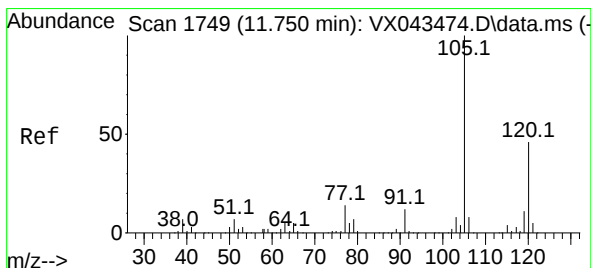
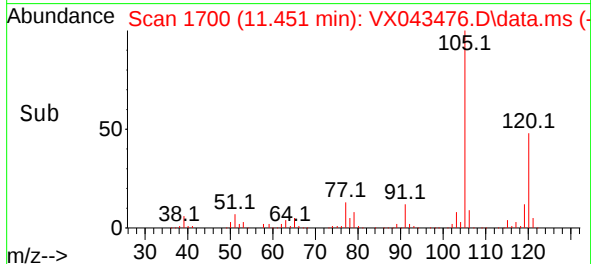
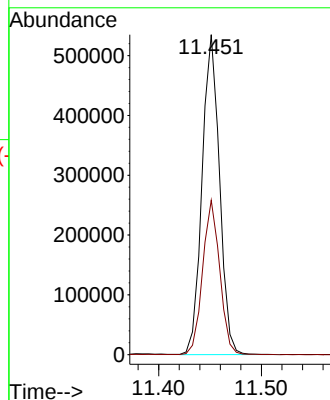
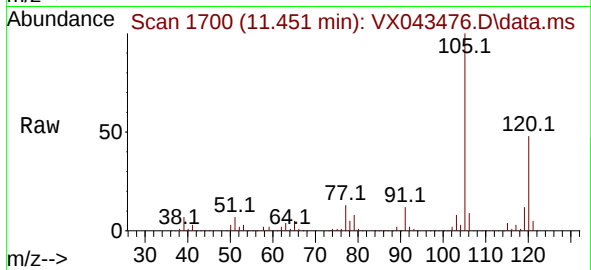
ClientSampleId :

Tgt Ion:105 Resp: 631814

Ion Ratio Lower Upper

105 100

120 47.3 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 216.671 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043476.D

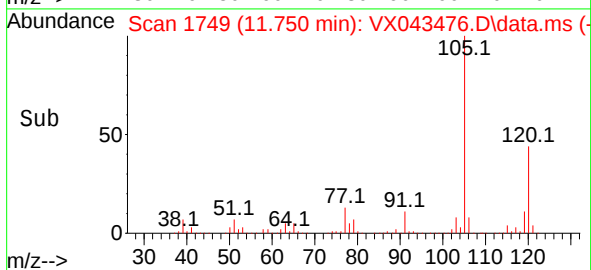
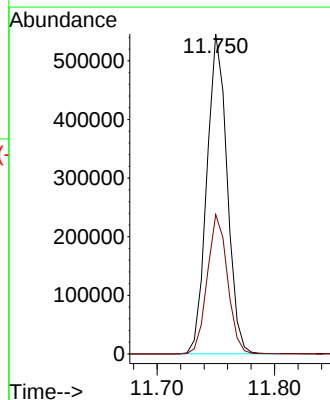
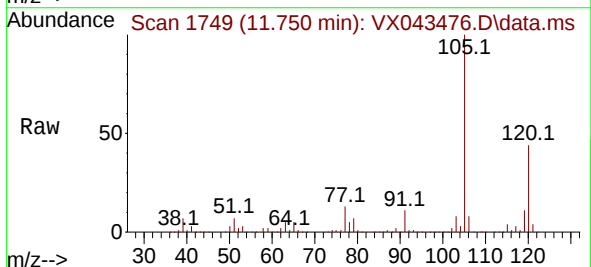
Acq: 22 Oct 2024 10:25

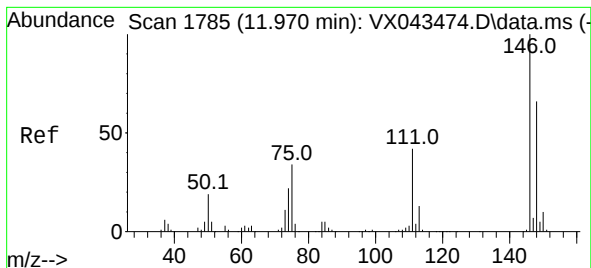
Tgt Ion:105 Resp: 652863

Ion Ratio Lower Upper

105 100

120 43.5 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 217.946 ug/L

RT: 11.969 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

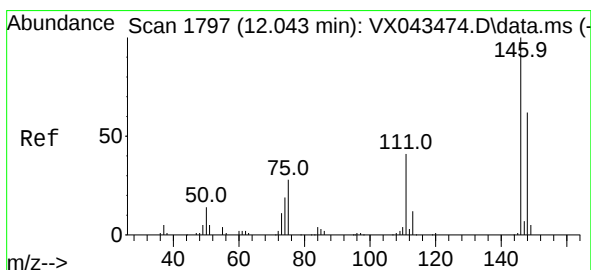
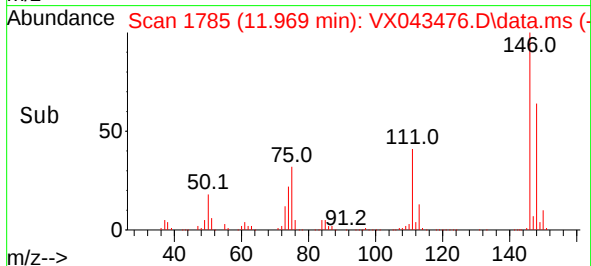
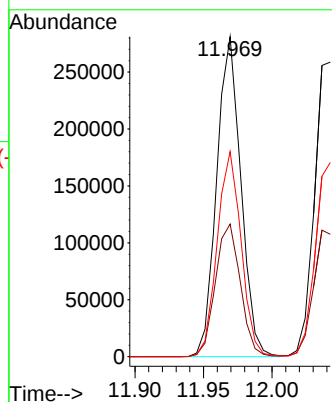
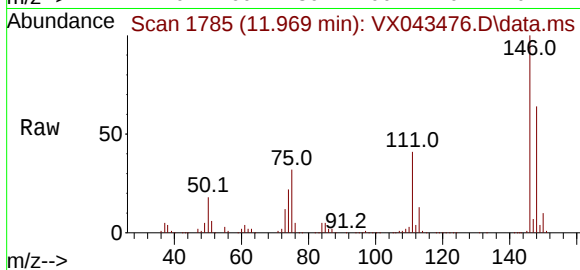
Tgt Ion:146 Resp: 344900

Ion Ratio Lower Upper

146 100

111 41.4 29.7 55.1

148 64.1 46.1 85.7



#65

1,4-Dichlorobenzene

Concen: 208.738 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

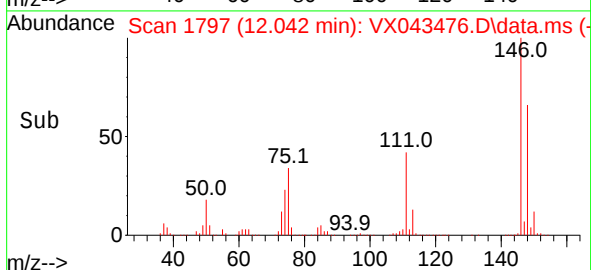
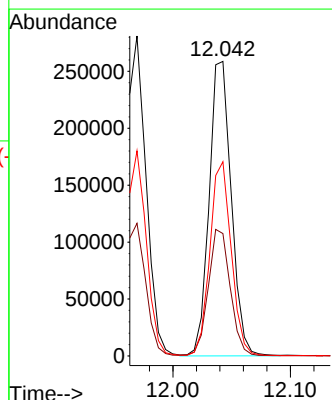
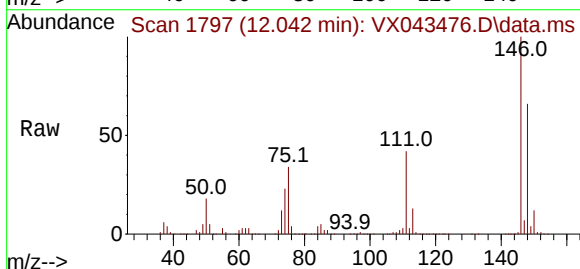
Tgt Ion:146 Resp: 338841

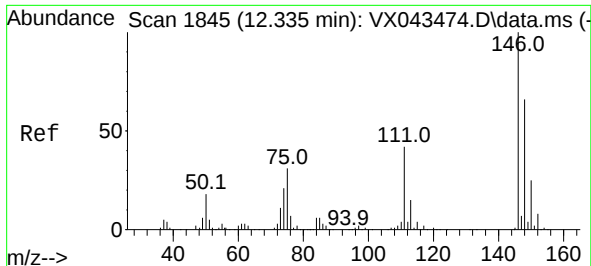
Ion Ratio Lower Upper

146 100

111 41.6 29.2 54.2

148 65.9 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 211.233 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

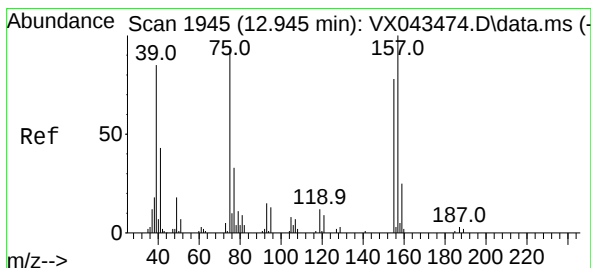
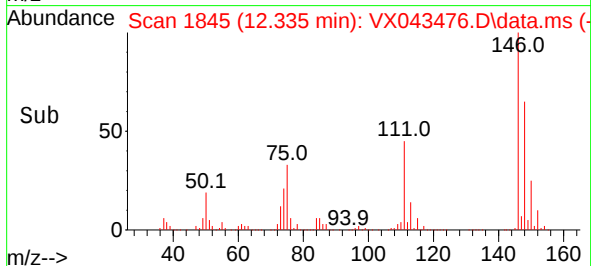
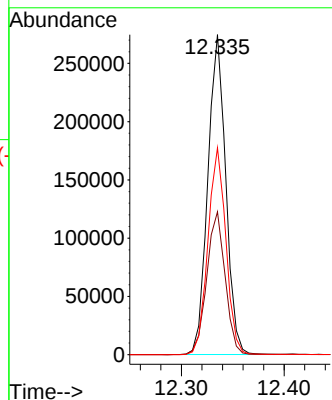
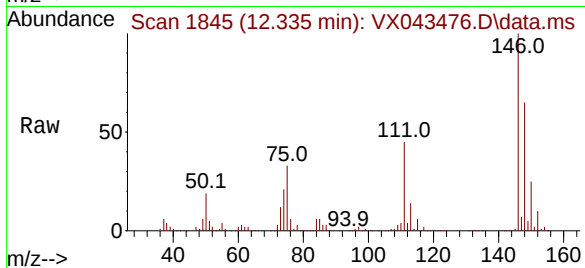
Tgt Ion:146 Resp: 333144

Ion Ratio Lower Upper

146 100

111 44.6 33.4 50.2

148 64.6 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 234.859 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

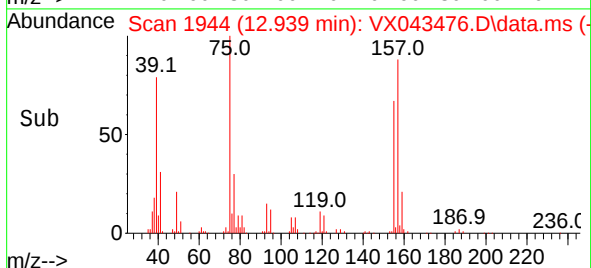
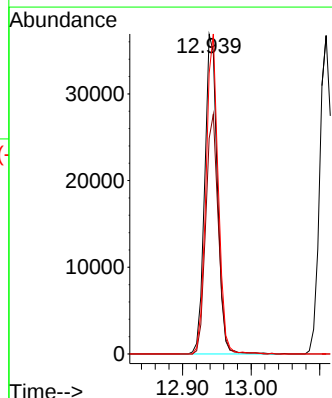
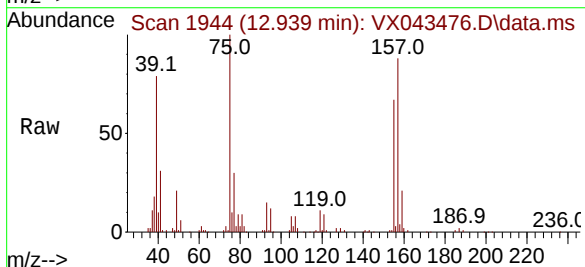
Tgt Ion: 75 Resp: 47371

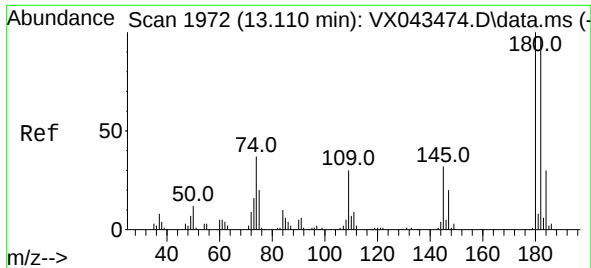
Ion Ratio Lower Upper

75 100

155 67.4 66.6 99.8

157 87.8 85.6 128.4





#69

1,3,5-Trichlorobenzene

Concen: 221.019 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

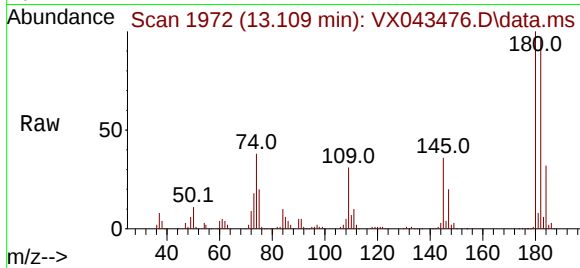
Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 227339

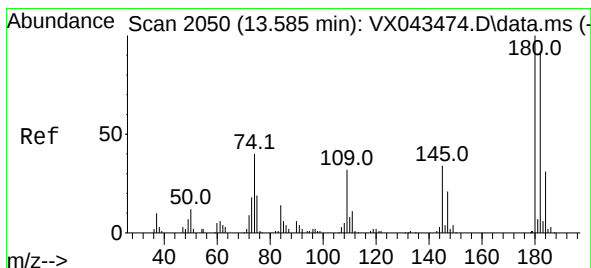
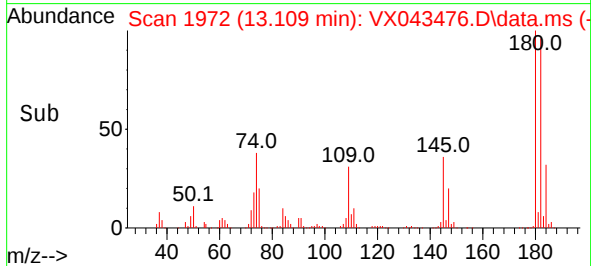
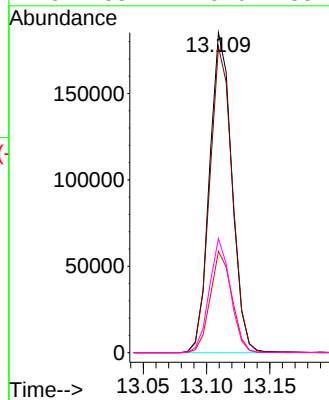
Ion Ratio Lower Upper

180 100

182 96.6 75.4 113.2

184 30.9 23.8 35.8

145 33.7 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 240.069 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043476.D

Acq: 22 Oct 2024 10:25

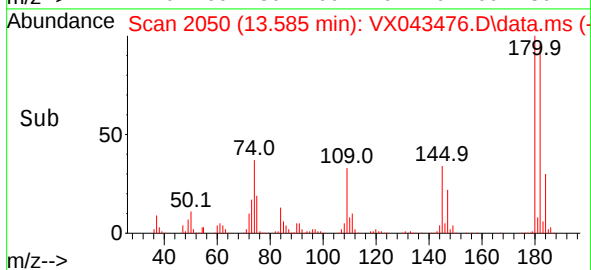
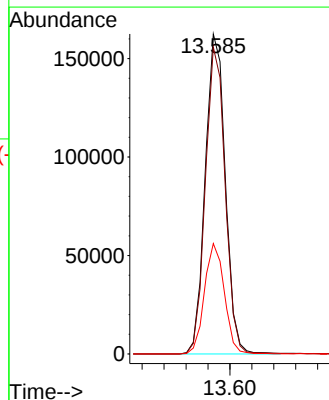
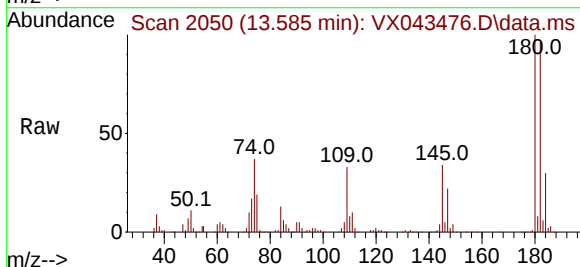
Tgt Ion:180 Resp: 206524

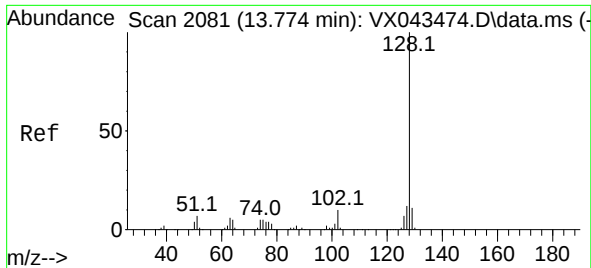
Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.6

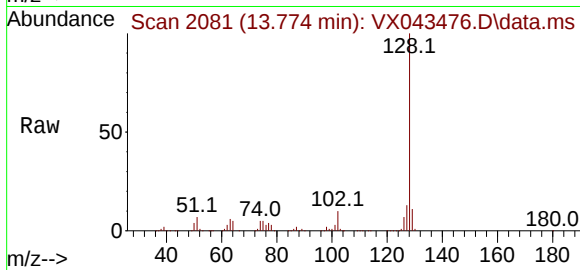
145 34.1 27.3 40.9



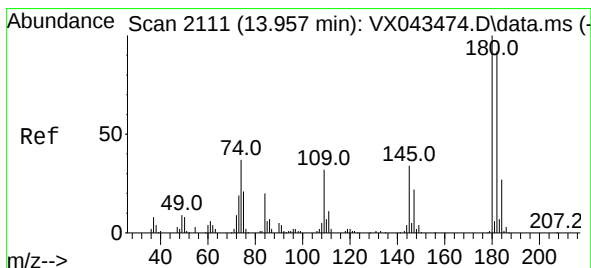
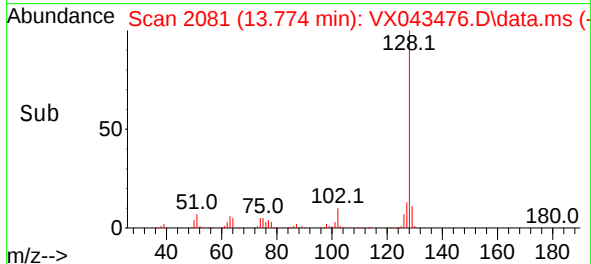
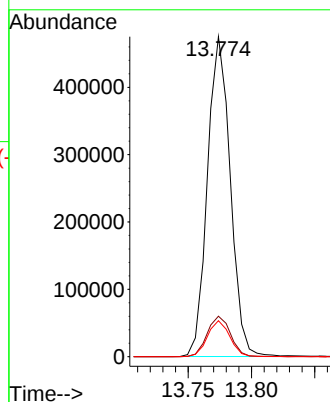


#71
Naphthalene
Concen: 236.087 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 597417
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: 226.542 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX043476.D
Acq: 22 Oct 2024 10:25

Tgt Ion:180 Resp: 195954
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
145 34.7 27.8 41.8

