

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112024\
 Data File : VX043914.D
 Acq On : 20 Nov 2024 14:11
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 21 00:42:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 21 00:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	302195	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	265341	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	110327	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	108421	44.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.940%
7) Chloroethane-d5	1.642	69	45756	45.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.294	65	43228	44.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.220%
21) 2-Butanone-d5	4.458	46	142624	98.443	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.440%
24) Chloroform-d	5.050	84	210466	47.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.220%
26) 1,2-Dichloroethane-d4	5.946	65	132604	44.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
32) Benzene-d6	5.964	84	396331	45.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
36) 1,2-Dichloropropane-d6	7.305	67	123246	46.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.200%
41) Toluene-d8	8.647	98	360742	46.997	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.945	79	56577	47.275	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.540%
47) 2-Hexanone-d5	9.384	63	101118	102.410	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.410%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	151535	45.444	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.880%
66) 1,2-Dichlorobenzene-d4	12.317	152	117626	50.227	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	114799	46.299	ug/L	100
3) Chloromethane	1.294	50	113504	44.770	ug/L	98
5) Vinyl chloride	1.374	62	116797	45.307	ug/L	96
6) Bromomethane	1.593	94	42073	39.187	ug/L	98
8) Chloroethane	1.666	64	48485	42.255	ug/L	96
9) Trichlorofluoromethane	1.867	101	156905	45.489	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	98340	47.831	ug/L	99
12) 1,1-Dichloroethene	2.306	96	85619	45.726	ug/L	91
13) Acetone	2.386	43	117986	92.640	ug/L	99
14) Carbon disulfide	2.495	76	156946	39.439	ug/L	100
15) Methyl Acetate	2.703	43	108401	45.499	ug/L	100
16) Methylene chloride	2.782	84	99511	45.326	ug/L	99
17) trans-1,2-Dichloroethene	3.081	96	87434	43.604	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	331580	44.686	ug/L	100
19) 1,1-Dichloroethane	3.599	63	177333	44.390	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	107624	44.149	ug/L	98
22) 2-Butanone	4.562	43	161262	95.008	ug/L	98
23) Bromochloromethane	4.891	128	55647	44.353	ug/L	95
25) Chloroform	5.086	83	192231	44.063	ug/L	97

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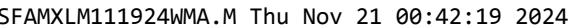
Instrument :
 MSVOA_X
 ClientSampleId :

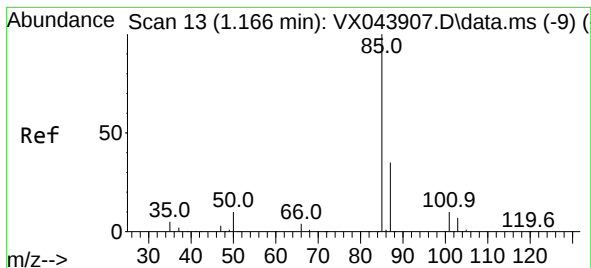
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 21 00:38:46 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	149586	43.472	ug/L	99
29) Cyclohexane	5.458	56	158777	46.004	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	163392	44.628	ug/L	99
31) Carbon tetrachloride	5.672	117	129115	43.478	ug/L	100
33) Benzene	6.031	78	388959	43.851	ug/L	100
34) Trichloroethene	7.116	95	103038	42.328	ug/L	99
35) Methylcyclohexane	7.372	83	164328	49.375	ug/L	99
37) 1,2-Dichloropropane	7.427	63	103105	44.789	ug/L #	95
38) Bromodichloromethane	7.817	83	125714	43.544	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	163912	45.186	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	297465	94.386	ug/L	99
42) Toluene	8.714	91	412044	46.097	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	148966	45.686	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	108012	47.714	ug/L	98
46) Tetrachloroethene	9.268	164	76438	48.191	ug/L	95
48) 2-Hexanone	9.433	43	225982	94.989	ug/L	99
49) Dibromochloromethane	9.518	129	93147	44.511	ug/L	98
50) 1,2-Dibromoethane	9.610	107	110628	46.394	ug/L	99
51) Chlorobenzene	10.079	112	262202	47.290	ug/L	97
52) Ethylbenzene	10.189	91	451592	47.931	ug/L	100
53) m,p-Xylene	10.299	106	172984	49.433	ug/L	94
54) o-Xylene	10.640	106	174888	49.640	ug/L	98
55) Styrene	10.652	104	291635	50.006	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	147162	43.429	ug/L	99
59) Bromoform	10.799	173	59227	47.911	ug/L	98
60) Isopropylbenzene	10.963	105	459637	52.865	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	109309	43.483	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	314671	45.810	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	327448	47.810	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	170988	46.874	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	167462	46.232	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	174674	46.249	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	26687	42.418	ug/L	89
69) 1,3,5-Trichlorobenzene	13.109	180	118912	50.520	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	92496	42.620	ug/L	97
71) Naphthalene	13.774	128	356252	44.127	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	95712	43.770	ug/L	97

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

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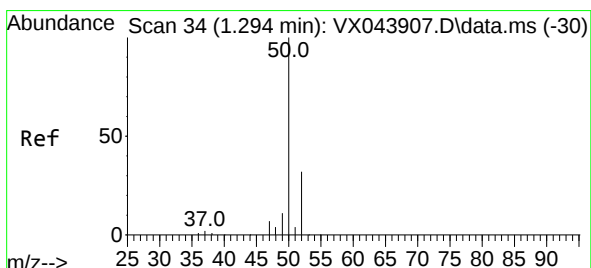
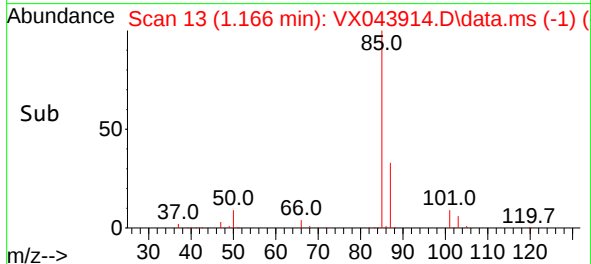
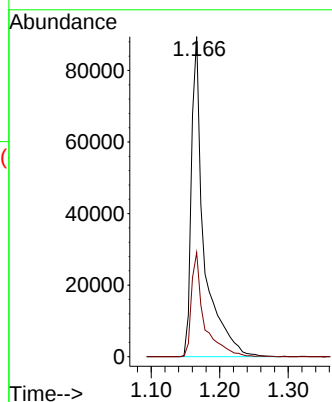
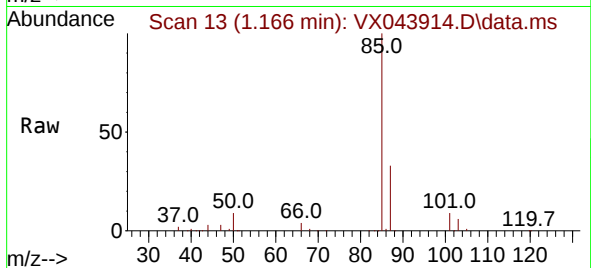




#2
Dichlorodifluoromethane
Concen: 46.299 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

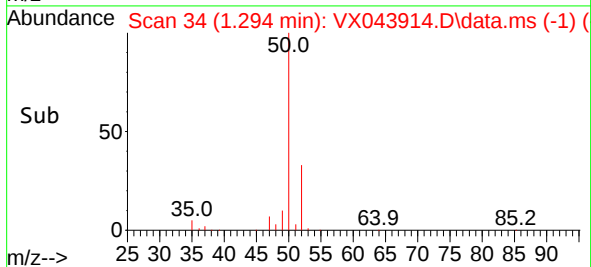
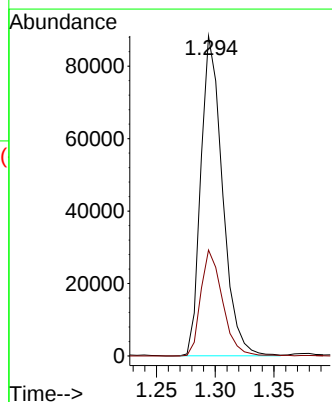
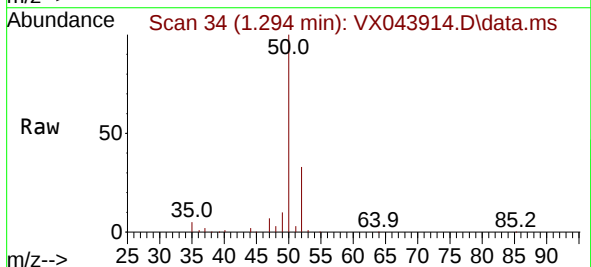
Instrument :
MSVOA_X
ClientSampleId :

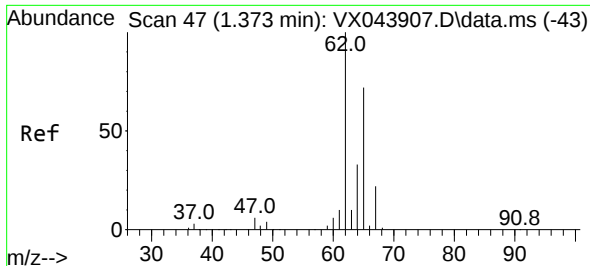
Tgt Ion: 85 Resp: 114799
Ion Ratio Lower Upper
85 100
87 32.9 26.1 39.1



#3
Chloromethane
Concen: 44.770 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion: 50 Resp: 113504
Ion Ratio Lower Upper
50 100
52 33.1 23.9 44.3

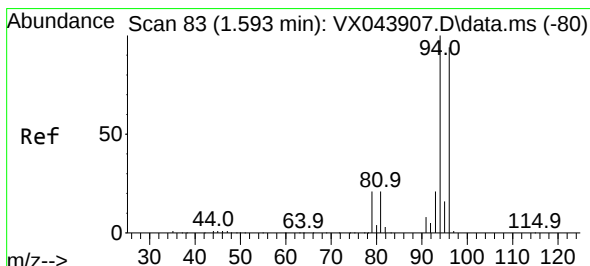
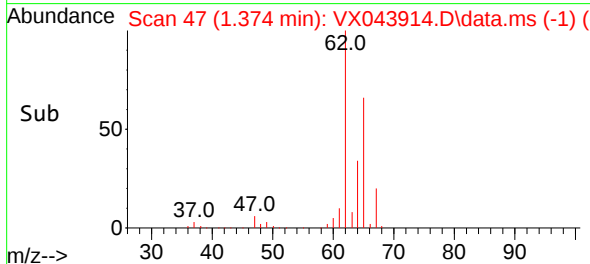
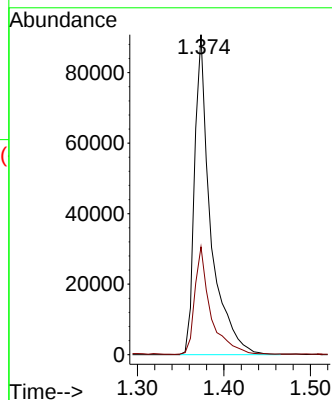
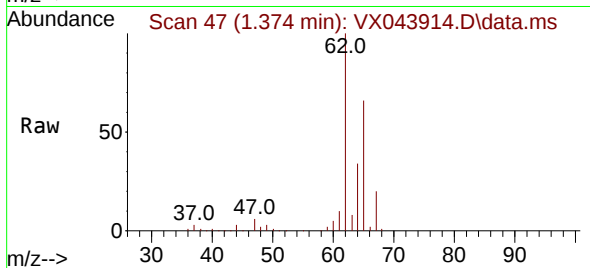




#5
 Vinyl chloride
 Concen: 45.307 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX043914.D
 Acq: 20 Nov 2024 14:11

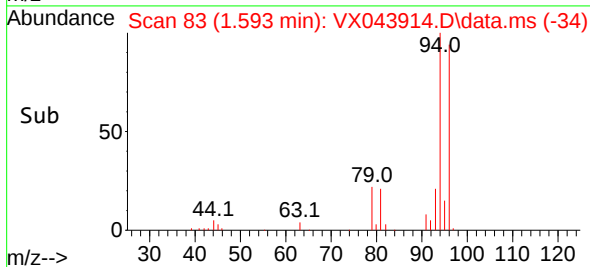
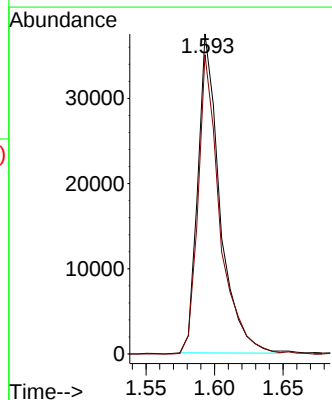
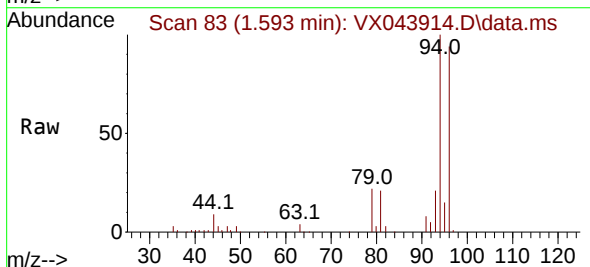
Instrument :
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 ClientSampleId :

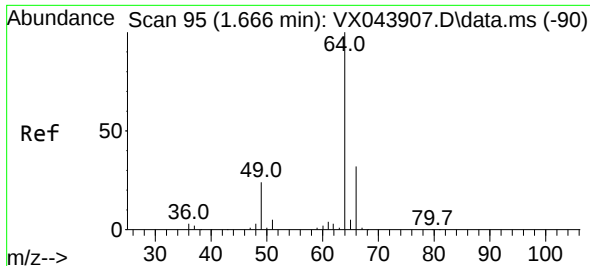
Tgt Ion: 62 Resp: 116797
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.2 41.2



#6
 Bromomethane
 Concen: 39.187 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX043914.D
 Acq: 20 Nov 2024 14:11

Tgt Ion: 94 Resp: 42073
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.2 119.2

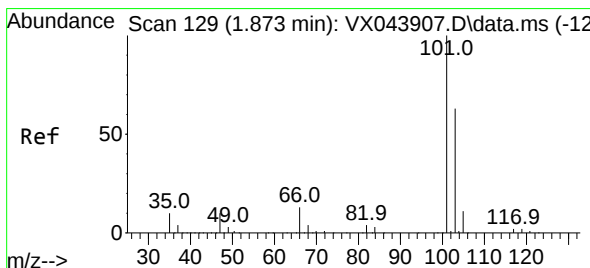
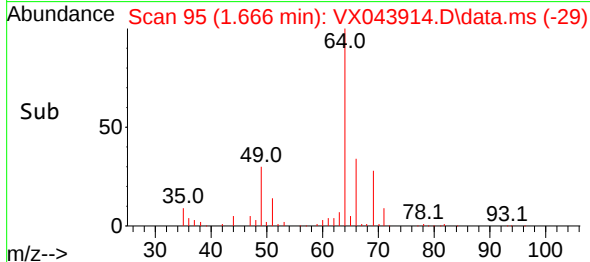
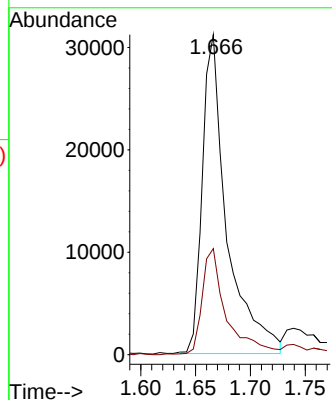
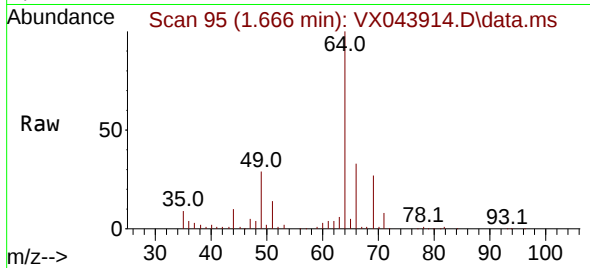




#8
Chloroethane
Concen: 42.255 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

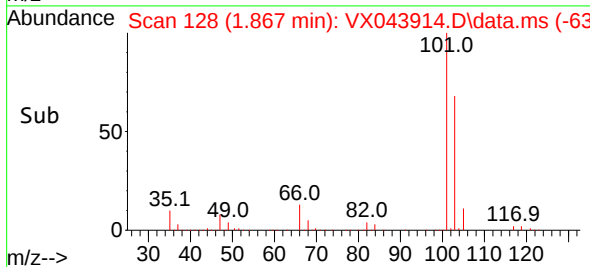
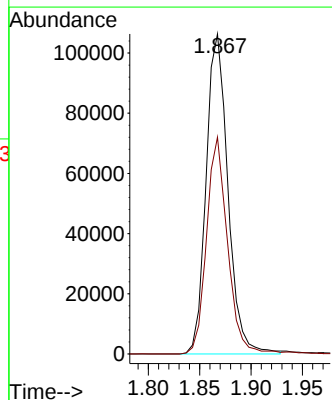
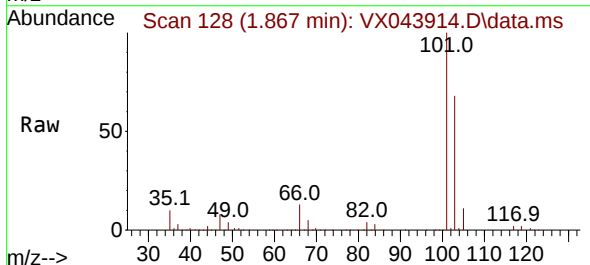
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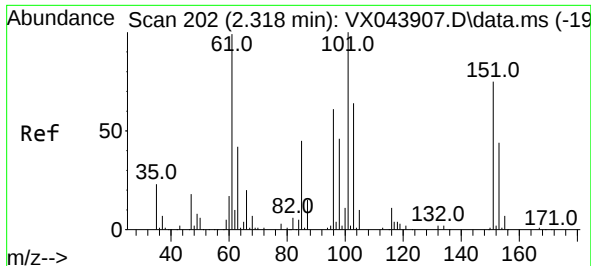
Tgt Ion: 64 Resp: 48485
Ion Ratio Lower Upper
64 100
66 33.1 21.5 39.9



#9
Trichlorofluoromethane
Concen: 45.489 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion:101 Resp: 156905
Ion Ratio Lower Upper
101 100
103 64.8 50.8 76.2





#10

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

Concen: 47.831 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

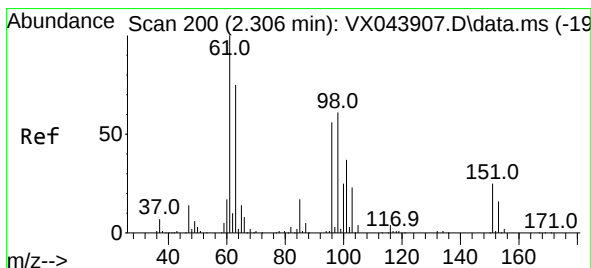
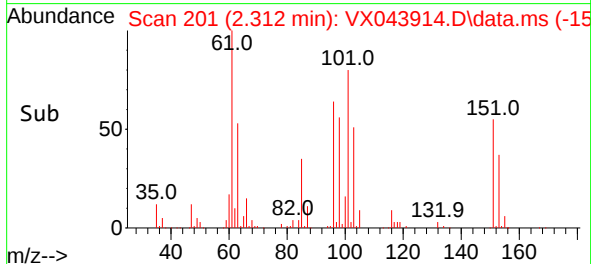
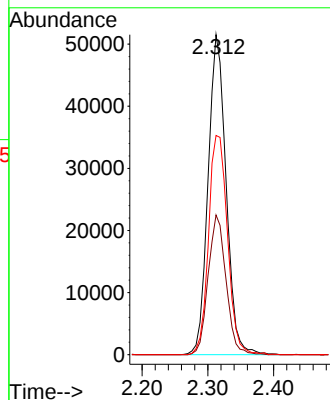
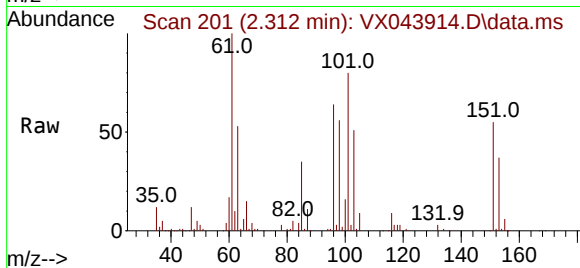
Tgt Ion:101 Resp: 98340

Ion Ratio Lower Upper

101 100

85 43.2 33.9 50.9

151 71.9 58.5 87.7



#12

1,1-Dichloroethene

Concen: 45.726 ug/L

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

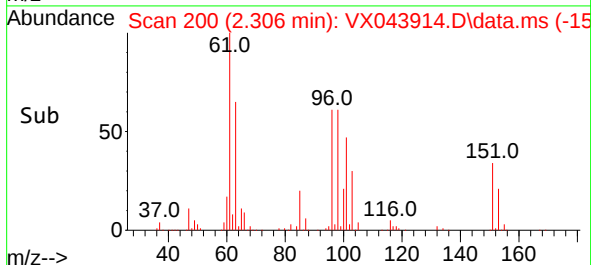
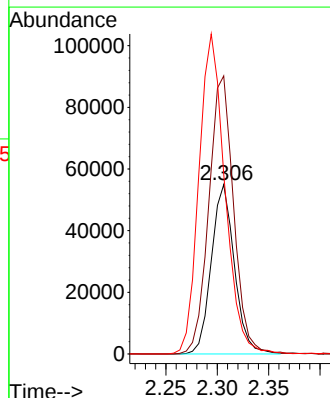
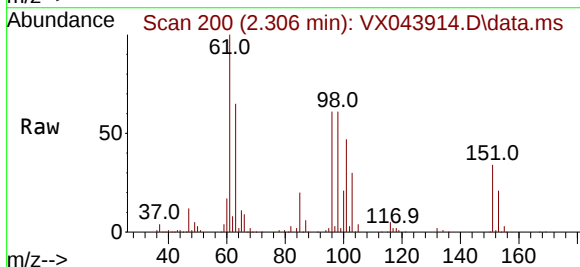
Tgt Ion: 96 Resp: 85619

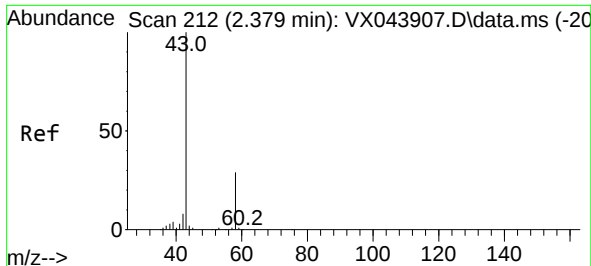
Ion Ratio Lower Upper

96 100

61 164.3 109.3 203.1

63 106.3 65.7 122.1





#13

Acetone

Concen: 92.640 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

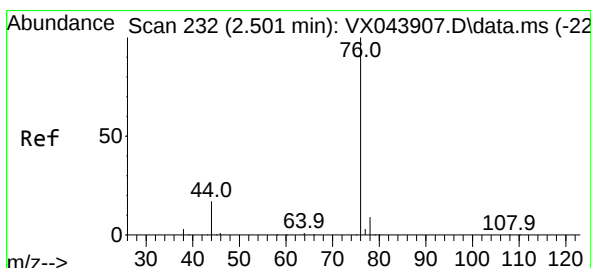
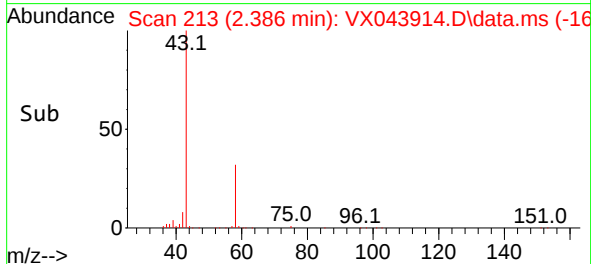
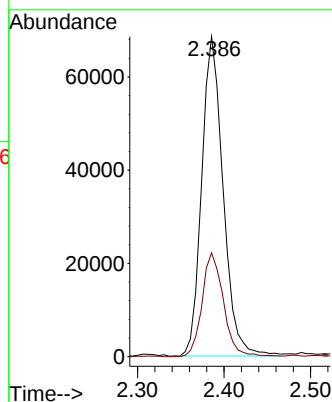
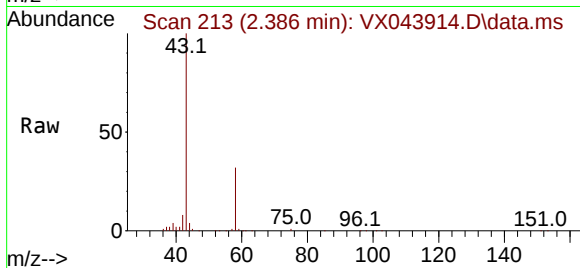
ClientSampleId :

Tgt Ion: 43 Resp: 117986

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.0



#14

Carbon disulfide

Concen: 39.439 ug/L

RT: 2.495 min Scan# 231

Delta R.T. -0.006 min

Lab File: VX043914.D

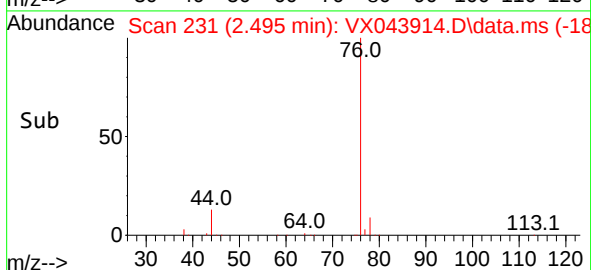
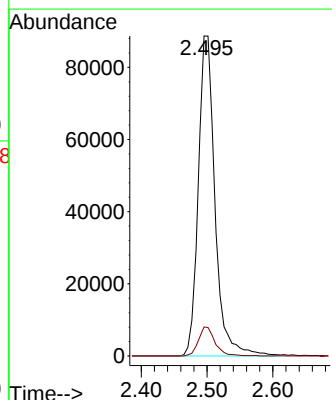
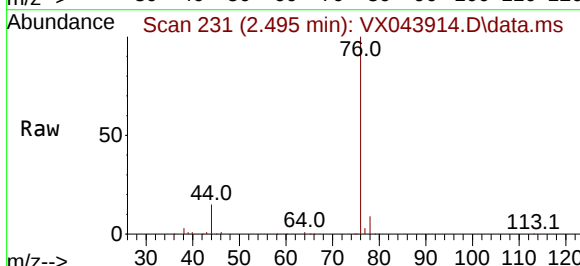
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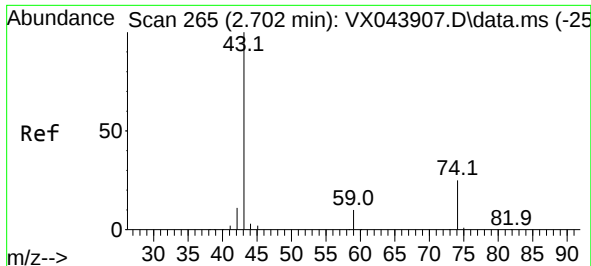
Tgt Ion: 76 Resp: 156946

Ion Ratio Lower Upper

76 100

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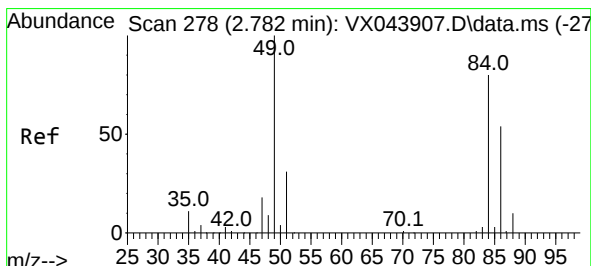
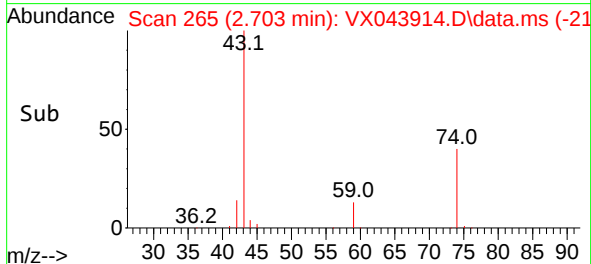
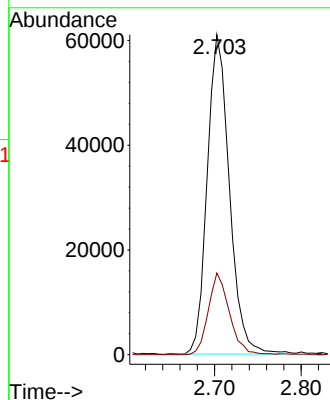
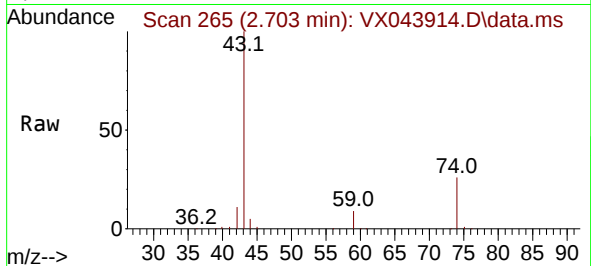




#15
Methyl Acetate
Concen: 45.499 ug/L
RT: 2.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

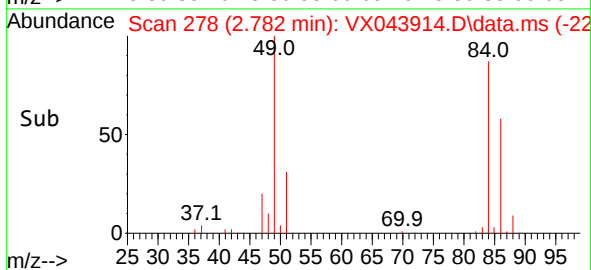
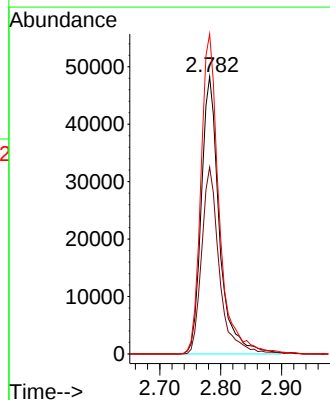
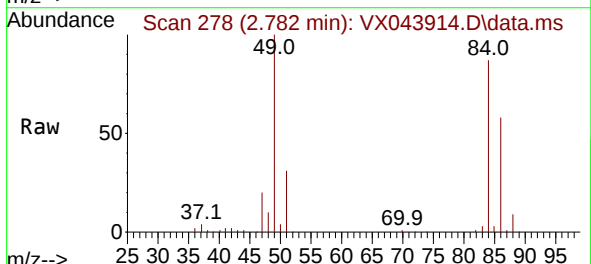
Instrument :
MSVOA_X
ClientSampleId :

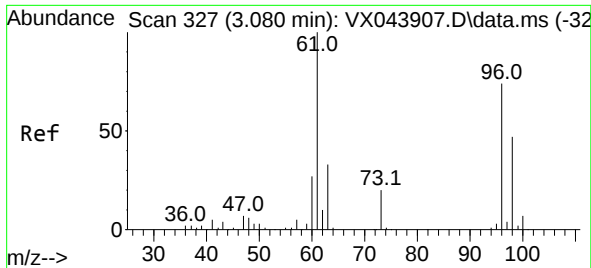
Tgt Ion: 43 Resp: 108401
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.2



#16
Methylene chloride
Concen: 45.326 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

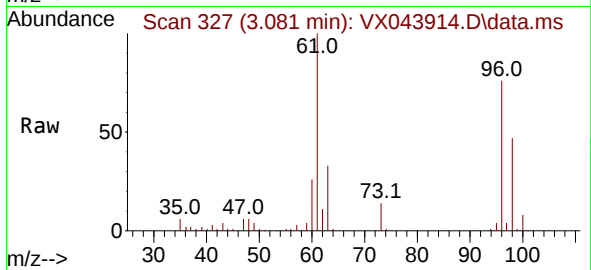
Tgt Ion: 84 Resp: 99511
Ion Ratio Lower Upper
84 100
86 67.3 46.0 85.4
49 115.4 80.8 150.2



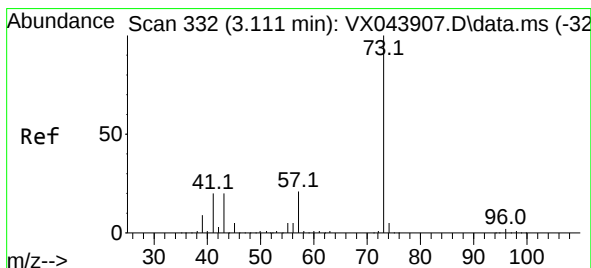
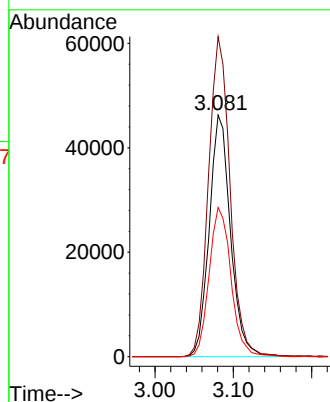
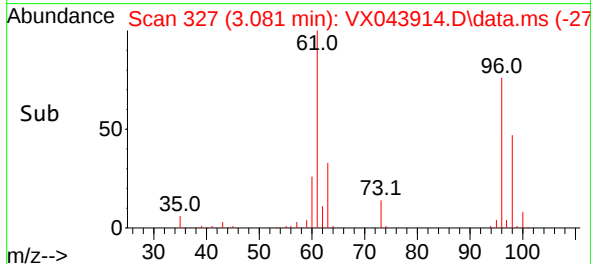


#17
trans-1,2-Dichloroethene
Concen: 43.604 ug/L
RT: 3.081 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

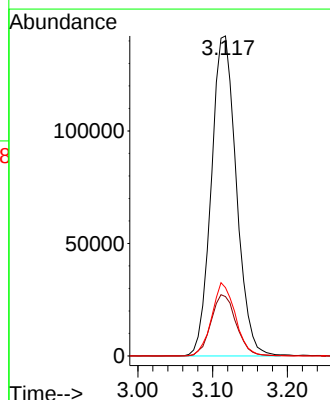
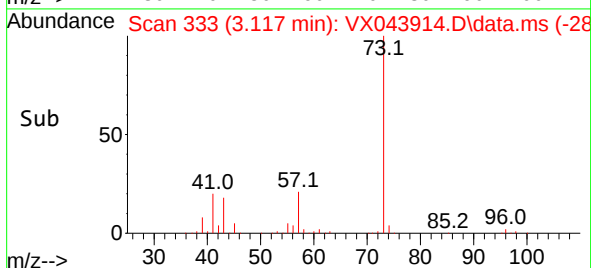
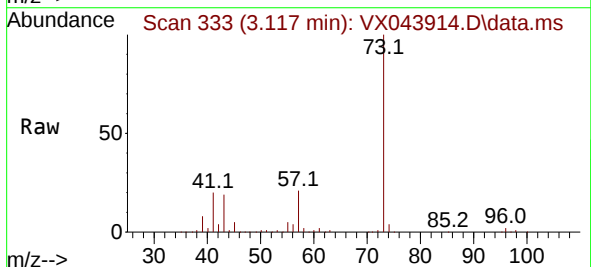


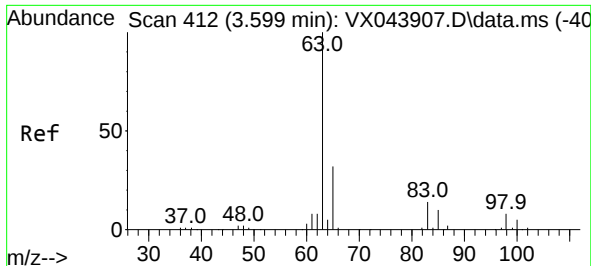
Tgt Ion: 96 Resp: 87434
Ion Ratio Lower Upper
96 100
61 132.4 95.7 177.7
98 61.7 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 44.686 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion: 73 Resp: 331580
Ion Ratio Lower Upper
73 100
43 19.1 15.2 22.8
57 21.7 17.0 25.6





#19

1,1-Dichloroethane

Concen: 44.390 ug/L

RT: 3.599 min Scan# 412

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

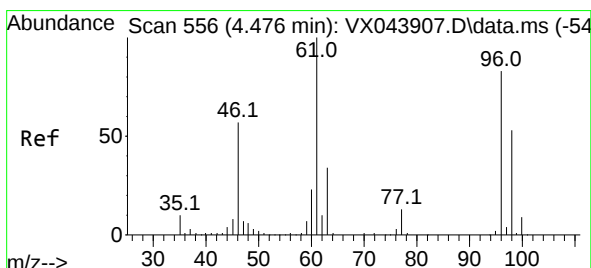
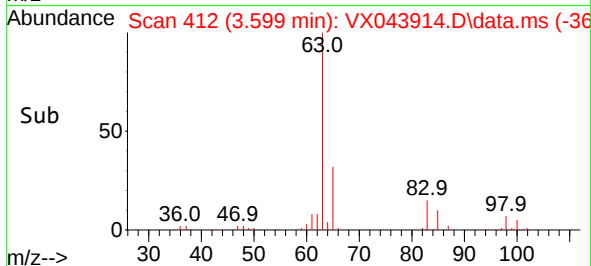
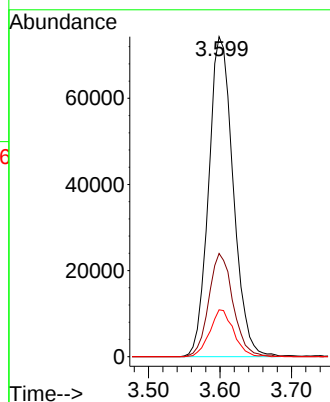
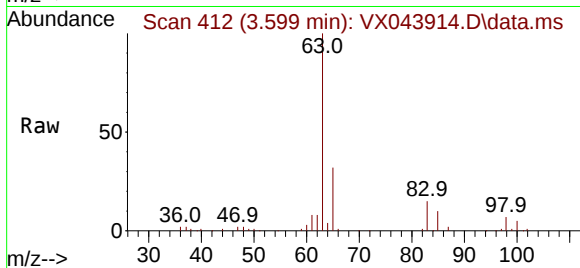
Tgt Ion: 63 Resp: 177333

Ion Ratio Lower Upper

63 100

65 32.2 23.2 43.2

83 14.6 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 44.149 ug/L

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

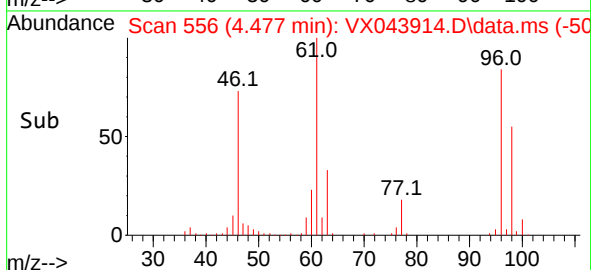
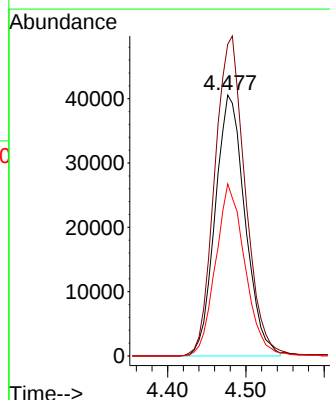
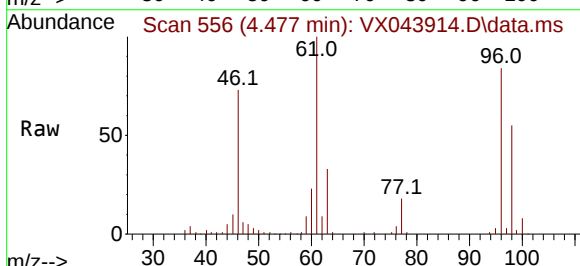
Tgt Ion: 96 Resp: 107624

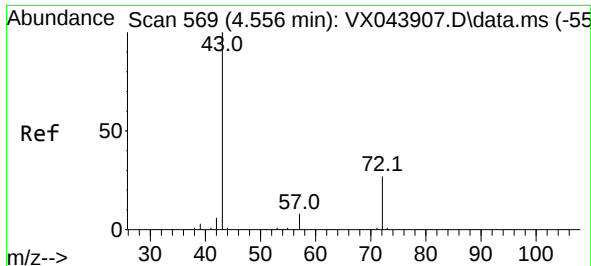
Ion Ratio Lower Upper

96 100

61 119.4 85.0 158.0

98 65.9 44.6 82.8

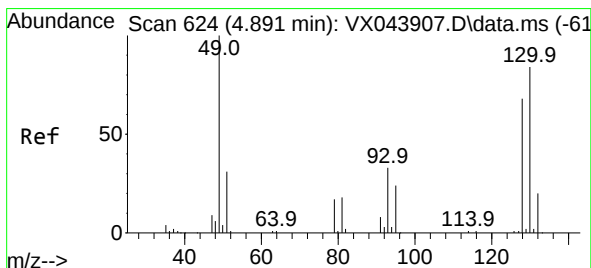
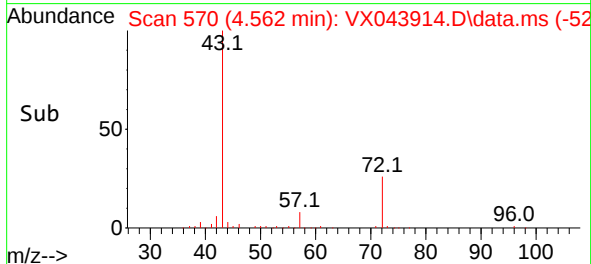
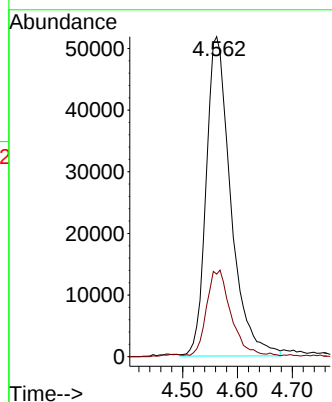
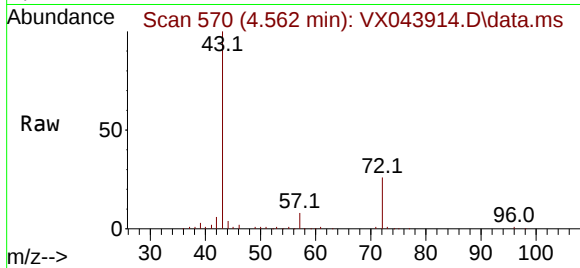




#22
2-Butanone
Concen: 95.008 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

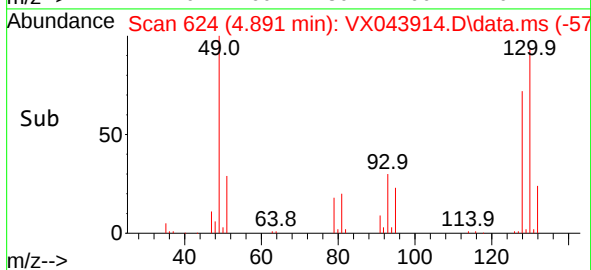
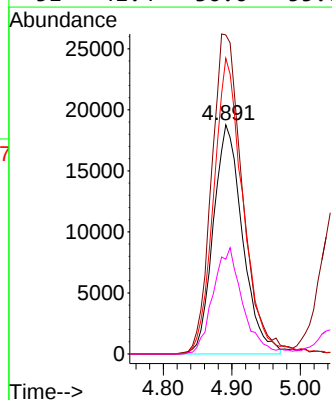
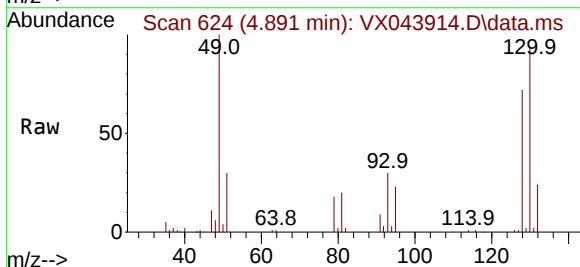
Instrument :
MSVOA_X
ClientSampleId :

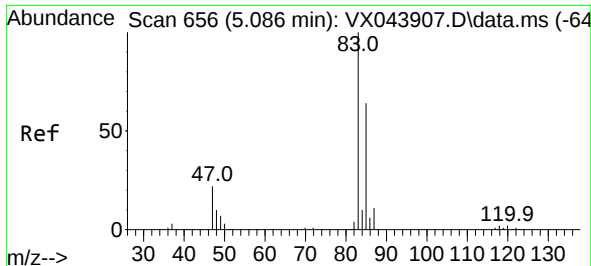
Tgt Ion: 43 Resp: 161262
Ion Ratio Lower Upper
43 100
72 27.1 13.1 39.3



#23
Bromochloromethane
Concen: 44.353 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion:128 Resp: 55647
Ion Ratio Lower Upper
128 100
49 139.3 103.7 192.5
130 129.1 89.1 165.5
51 41.4 36.6 55.0

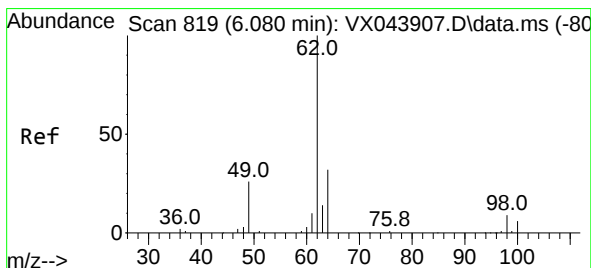
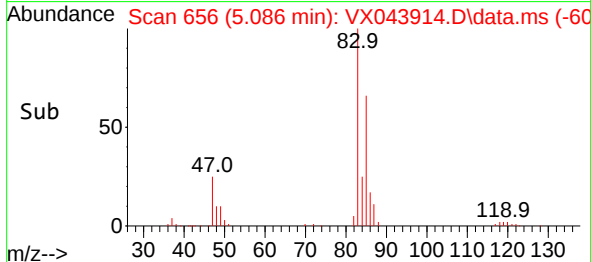
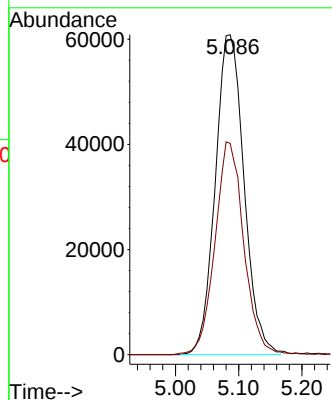
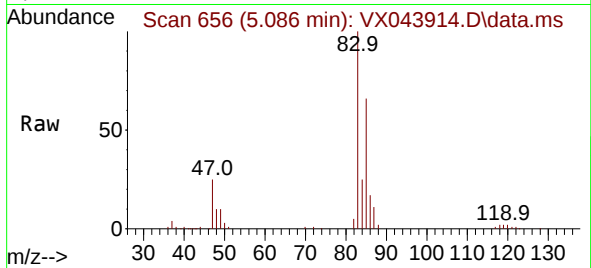




#25
Chloroform
Concen: 44.063 ug/L
RT: 5.086 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

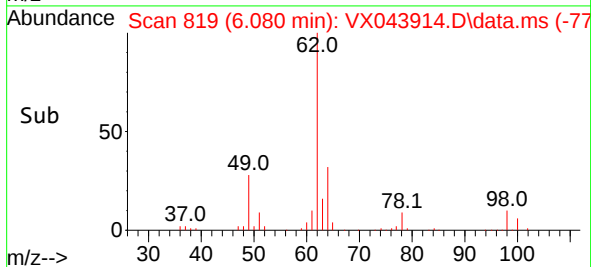
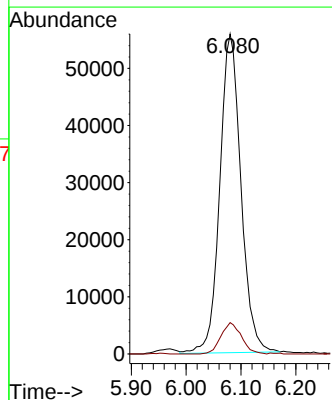
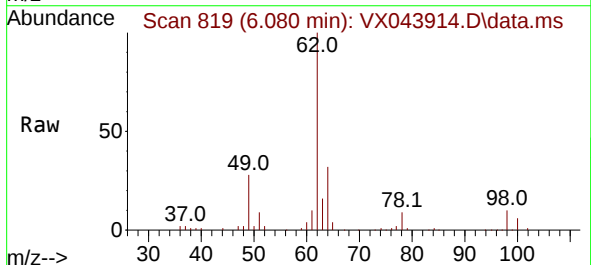
Instrument :
MSVOA_X
ClientSampleId :

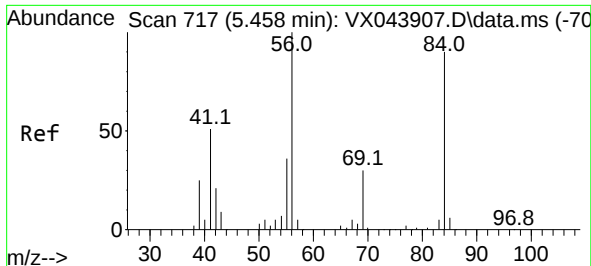
Tgt Ion: 83 Resp: 192231
Ion Ratio Lower Upper
83 100
85 66.0 47.7 88.7



#27
1,2-Dichloroethane
Concen: 43.472 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion: 62 Resp: 149586
Ion Ratio Lower Upper
62 100
98 9.8 7.7 11.5

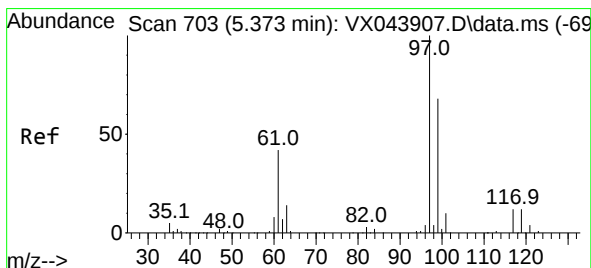
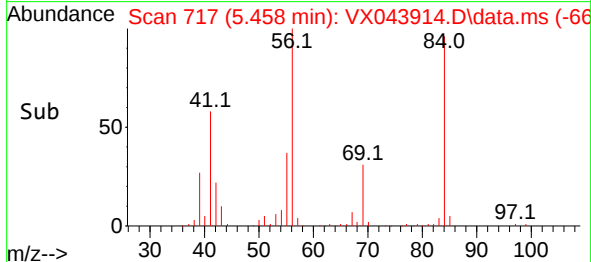
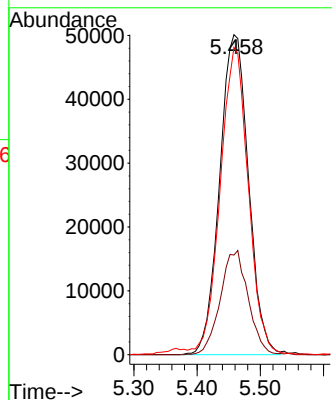
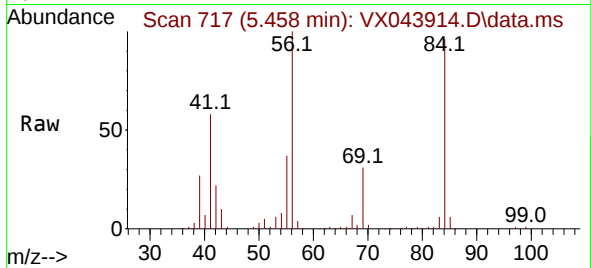




#29
Cyclohexane
Concen: 46.004 ug/L
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

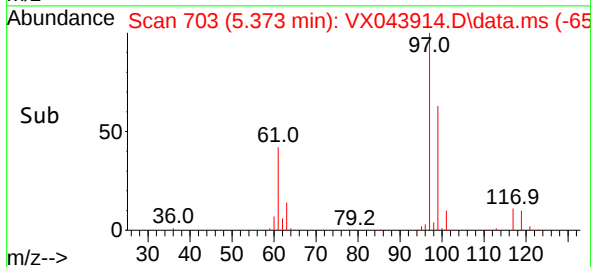
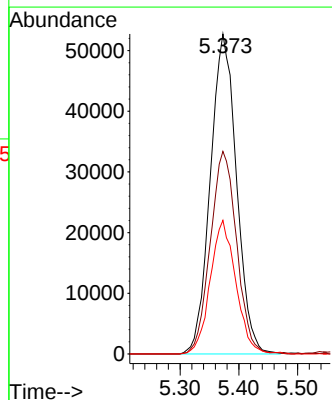
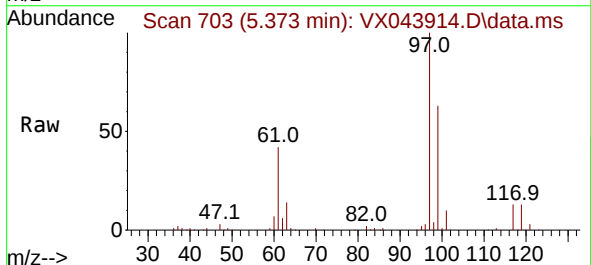
Instrument :
MSVOA_X
ClientSampleId :

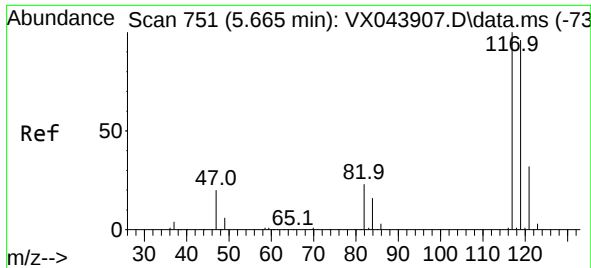
Tgt Ion: 56 Resp: 158777
Ion Ratio Lower Upper
56 100
69 31.5 25.1 37.7
84 92.3 72.9 109.3



#30
1,1,1-Trichloroethane
Concen: 44.628 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion: 97 Resp: 163392
Ion Ratio Lower Upper
97 100
99 63.7 52.2 78.2
61 40.8 32.8 49.2

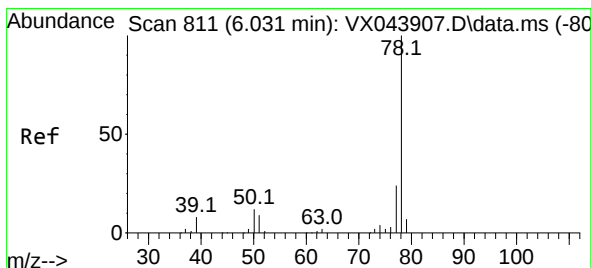
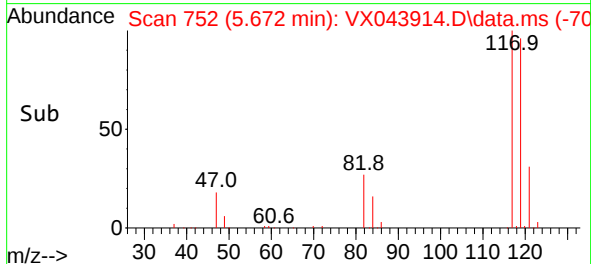
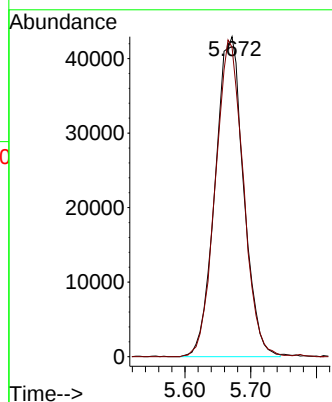
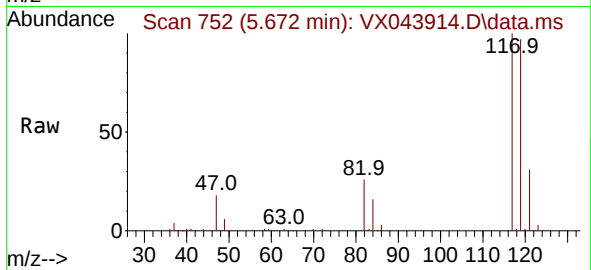




#31
Carbon tetrachloride
Concen: 43.478 ug/L
RT: 5.672 min Scan# 751
Delta R.T. 0.006 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

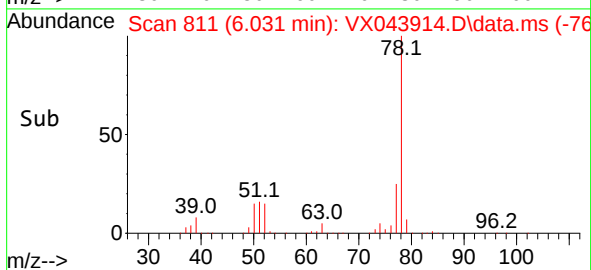
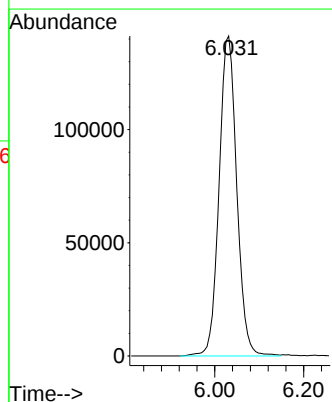
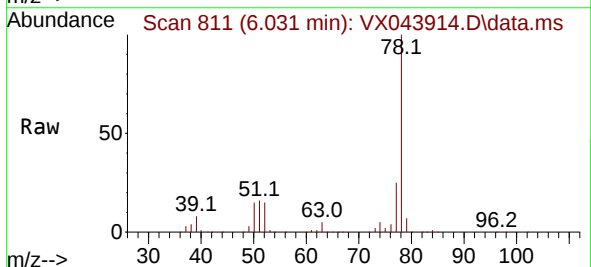
Instrument :
MSVOA_X
ClientSampleId :

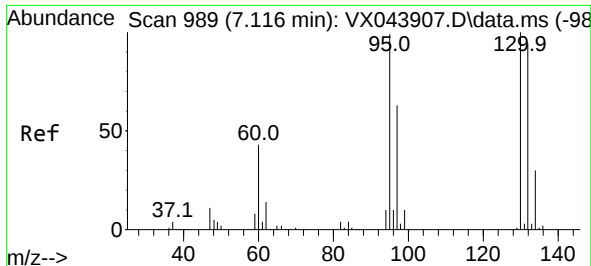
Tgt Ion:117 Resp: 129115
Ion Ratio Lower Upper
117 100
119 97.6 77.7 116.5



#33
Benzene
Concen: 43.851 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion: 78 Resp: 388959

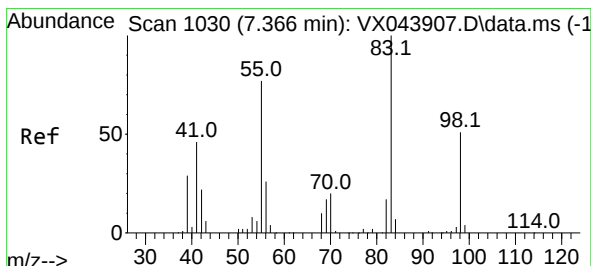
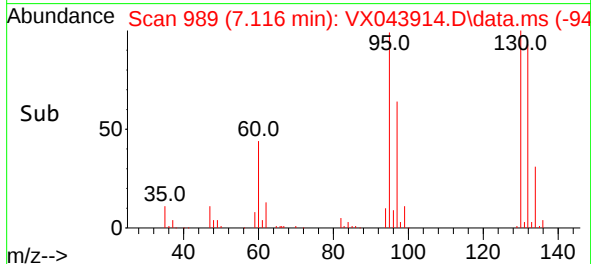
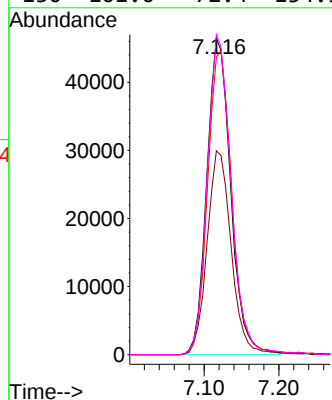
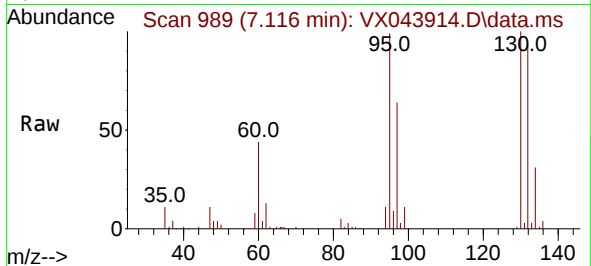




#34
Trichloroethene
Concen: 42.328 ug/L
RT: 7.116 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

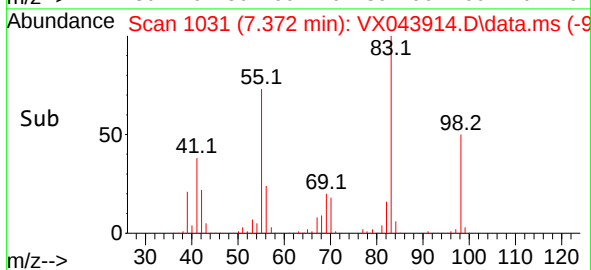
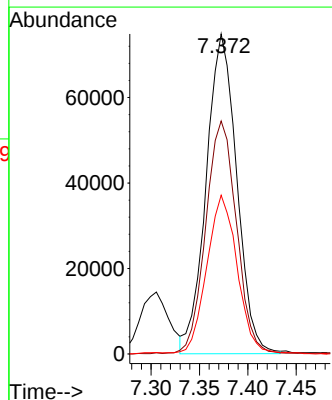
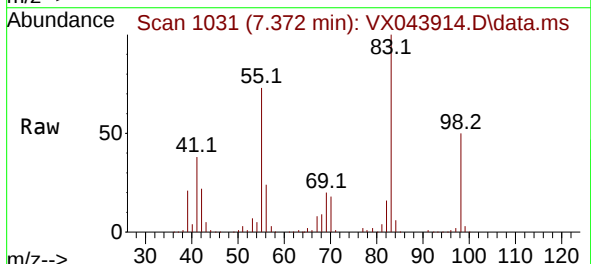
Instrument :
MSVOA_X
ClientSampleId :

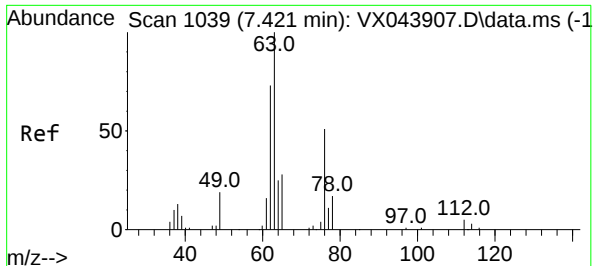
Tgt Ion: 95 Resp: 103038
Ion Ratio Lower Upper
95 100
97 64.4 45.0 83.6
132 93.9 66.6 123.8
130 101.0 72.4 134.5



#35
Methylcyclohexane
Concen: 49.375 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion: 83 Resp: 164328
Ion Ratio Lower Upper
83 100
55 73.5 58.5 87.7
98 49.7 40.5 60.7

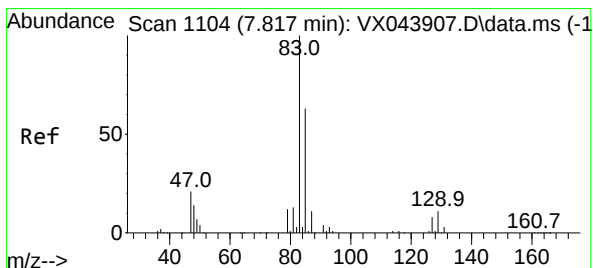
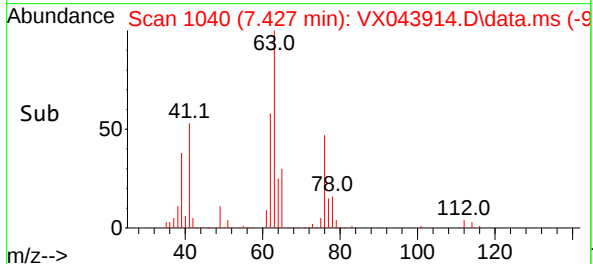
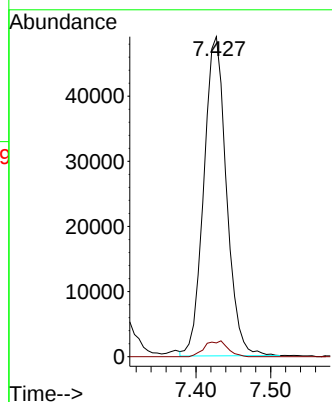
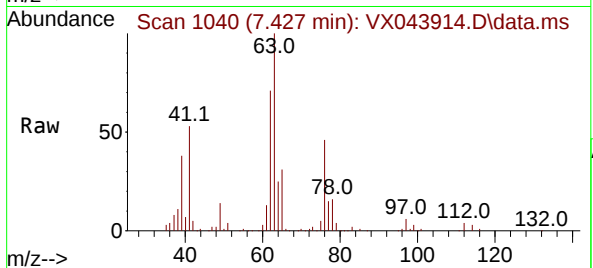




#37
1,2-Dichloropropane
Concen: 44.789 ug/L
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

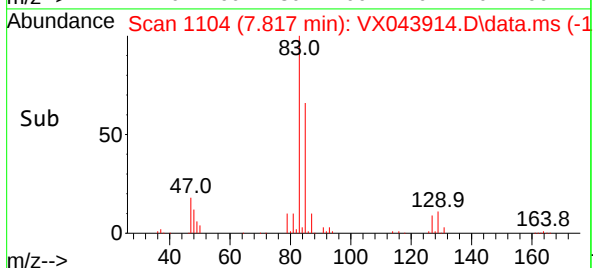
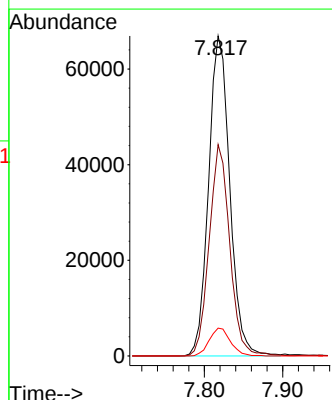
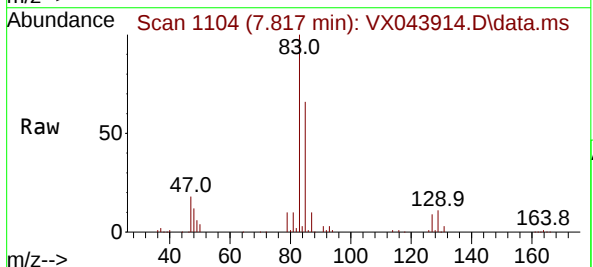
Instrument :
MSVOA_X
ClientSampleId :

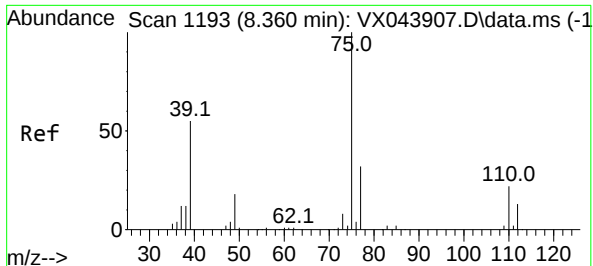
Tgt Ion: 63 Resp: 103105
Ion Ratio Lower Upper
63 100
112 2.9 3.6 5.4#



#38
Bromodichloromethane
Concen: 43.544 ug/L
RT: 7.817 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion: 83 Resp: 125714
Ion Ratio Lower Upper
83 100
85 66.1 44.1 81.9
127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 45.186 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

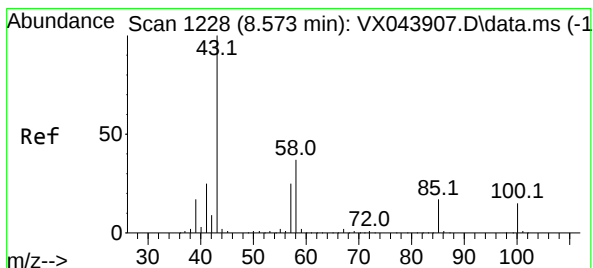
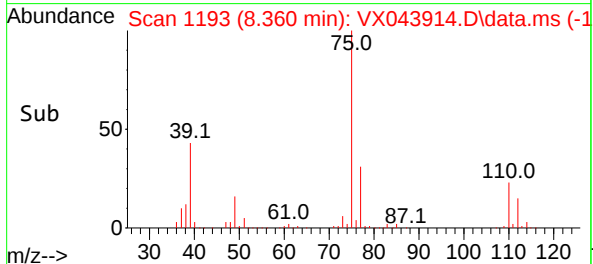
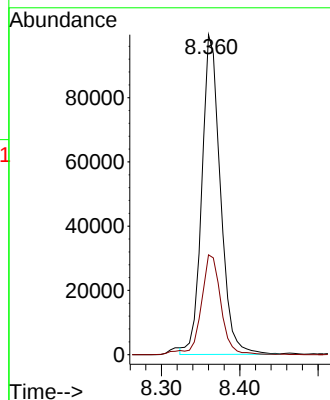
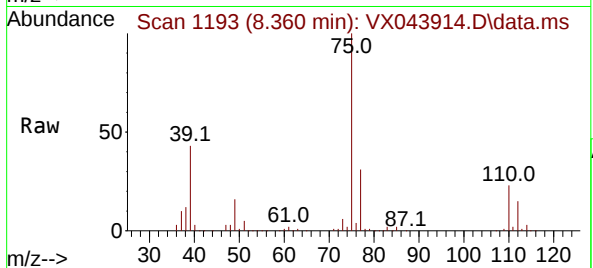
ClientSampleId :

Tgt Ion: 75 Resp: 163912

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 94.386 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

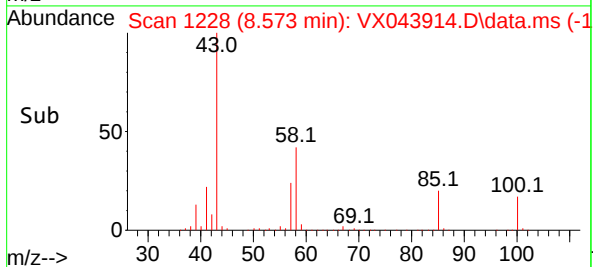
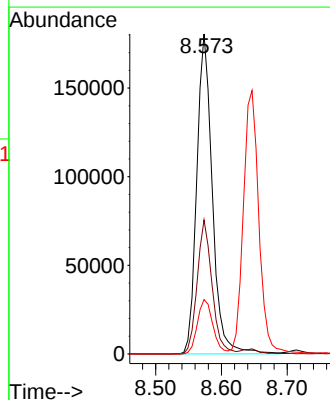
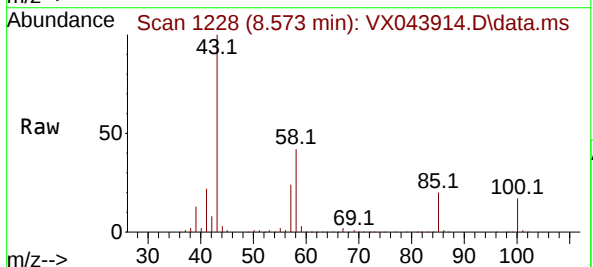
Tgt Ion: 43 Resp: 297465

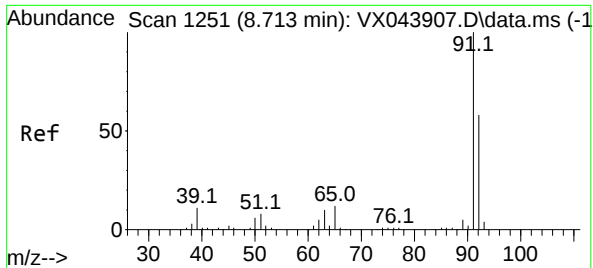
Ion Ratio Lower Upper

43 100

58 40.0 32.4 48.6

100 17.0 13.7 20.5





#42

Toluene

Concen: 46.097 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

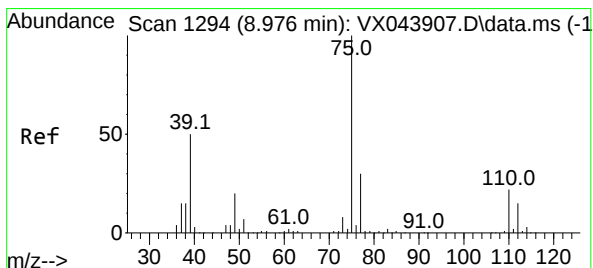
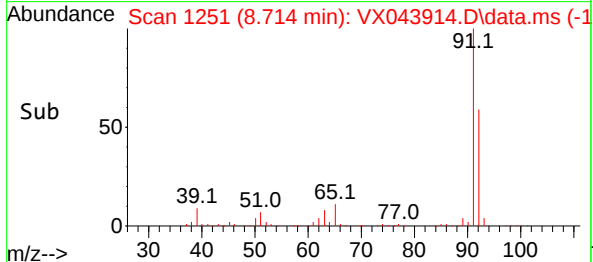
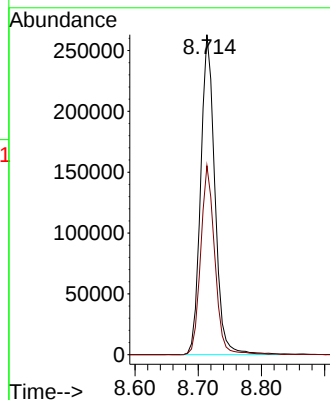
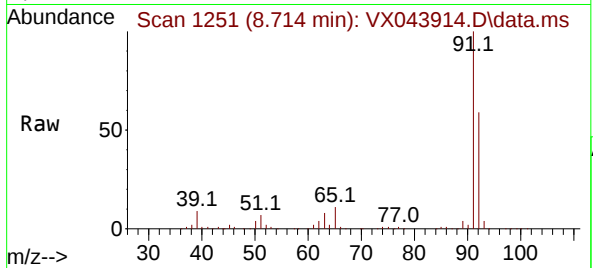
ClientSampleId :

Tgt Ion: 91 Resp: 412044

Ion Ratio Lower Upper

91 100

92 59.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 45.686 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043914.D

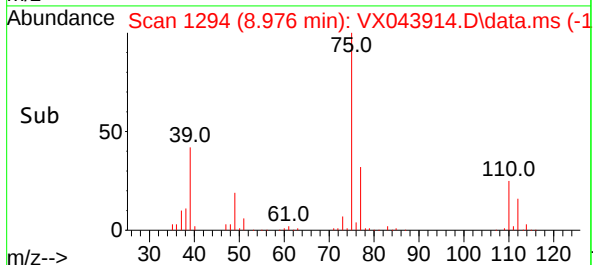
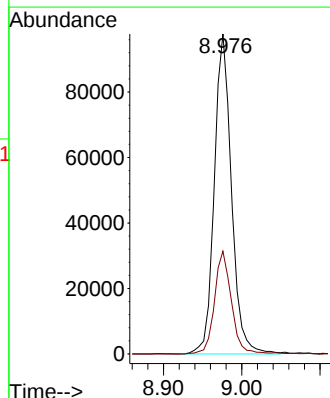
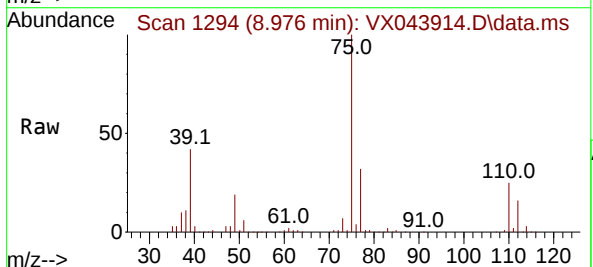
Acq: 20 Nov 2024 14:11

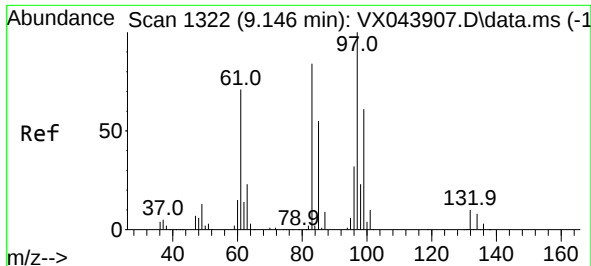
Tgt Ion: 75 Resp: 148966

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 47.714 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 108012

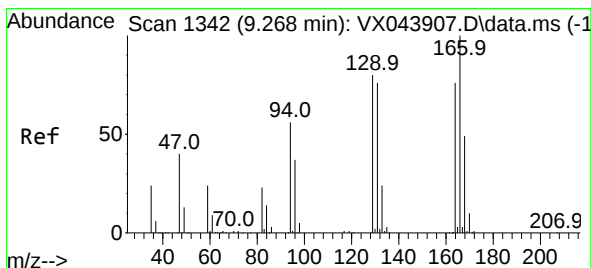
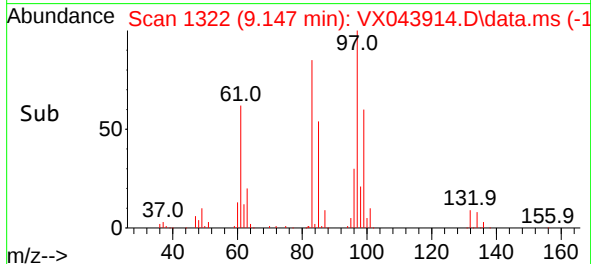
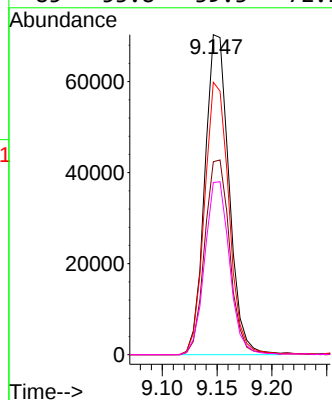
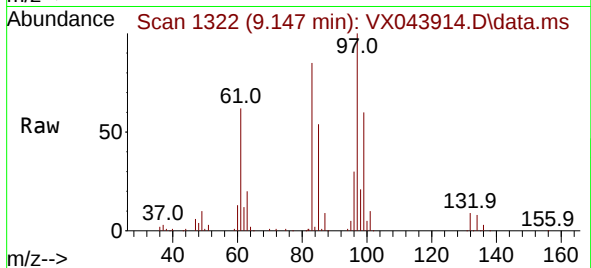
Ion Ratio Lower Upper

97 100

99 60.3 43.4 80.6

83 85.2 60.2 111.8

85 53.8 39.3 72.9



#46

Tetrachloroethene

Concen: 48.191 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Tgt Ion: 164 Resp: 76438

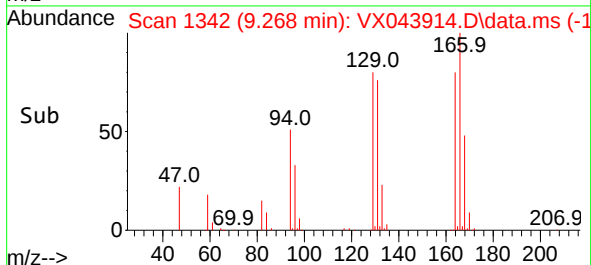
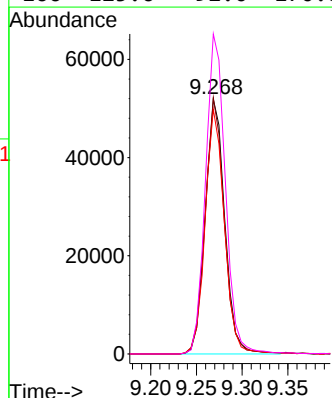
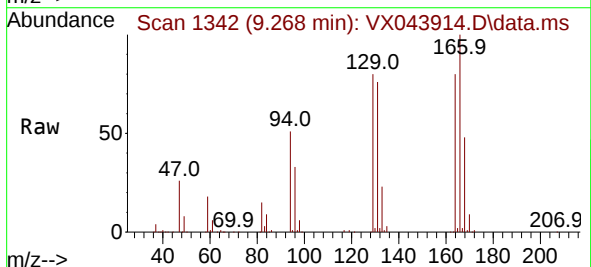
Ion Ratio Lower Upper

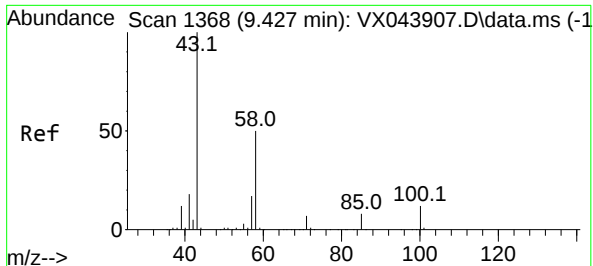
164 100

129 100.6 73.6 136.6

131 96.0 70.2 130.4

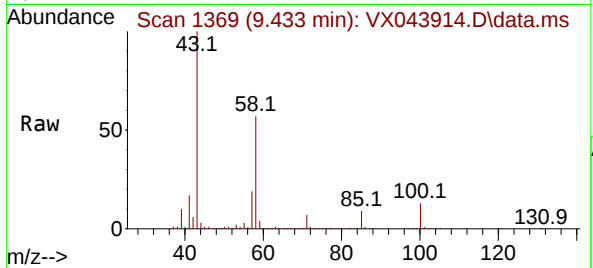
166 125.6 92.0 170.8





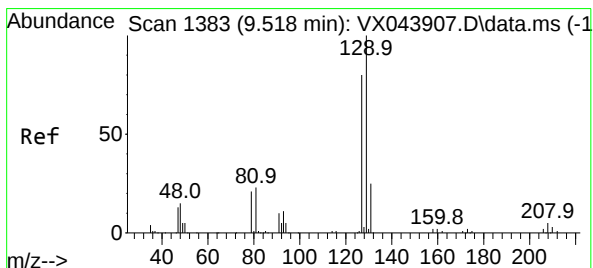
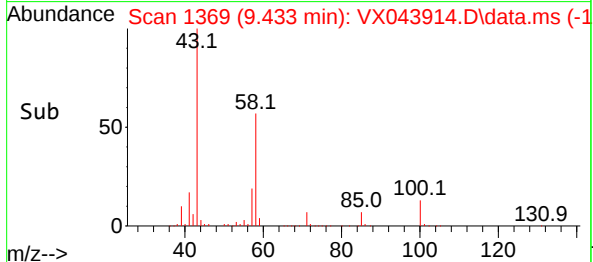
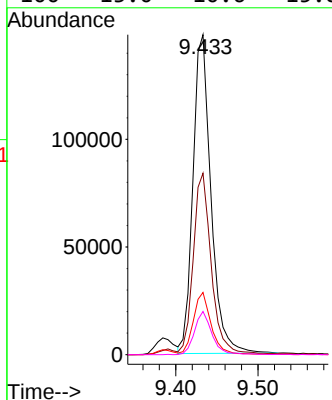
#48
2-Hexanone
Concen: 94.989 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 225982

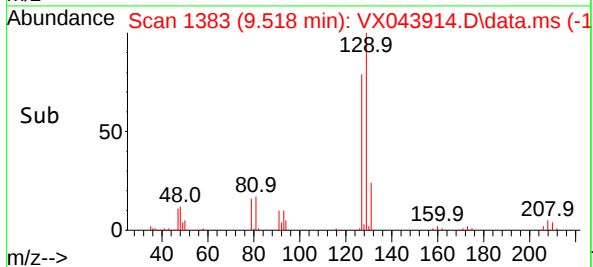
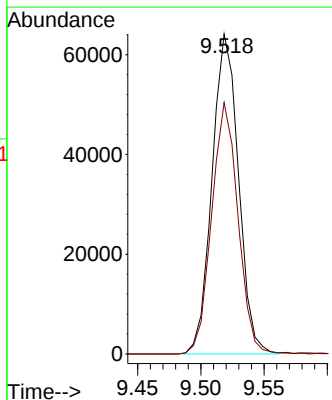
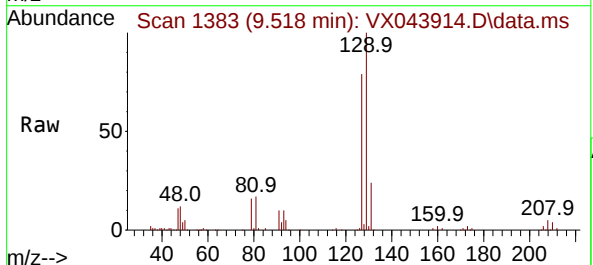
Ion	Ratio	Lower	Upper
43	100		
58	56.5	45.4	68.2
57	18.4	15.4	23.0
100	13.0	10.6	15.8

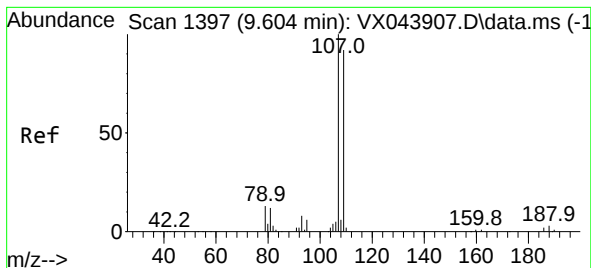


#49
Dibromochloromethane
Concen: 44.511 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion: 129 Resp: 93147

Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.5	99.5





#50

1,2-Dibromoethane

Concen: 46.394 ug/L

RT: 9.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

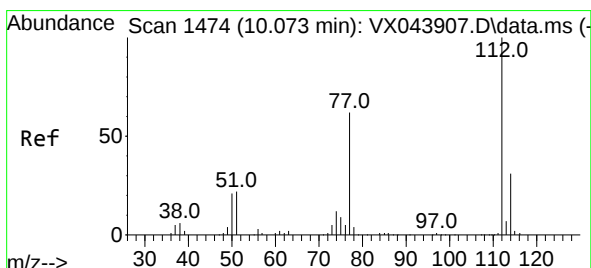
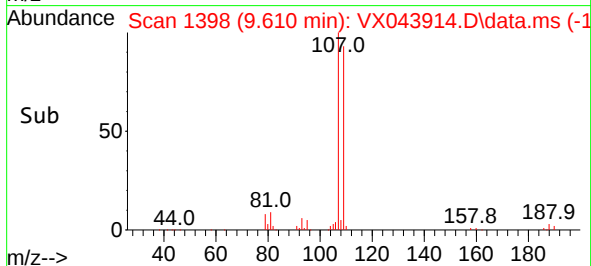
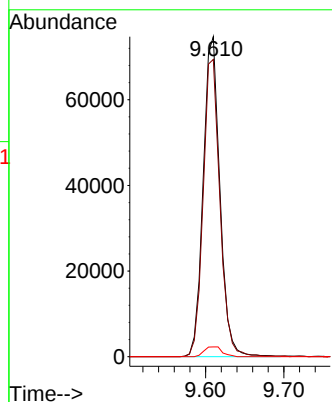
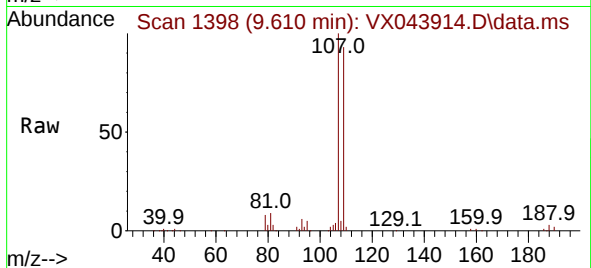
Tgt Ion:107 Resp: 110628

Ion Ratio Lower Upper

107 100

109 92.9 65.5 121.7

188 3.1 2.6 4.0



#51

Chlorobenzene

Concen: 47.290 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

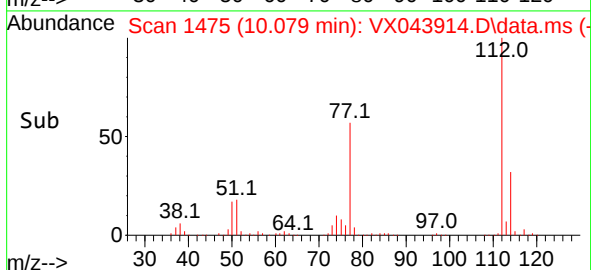
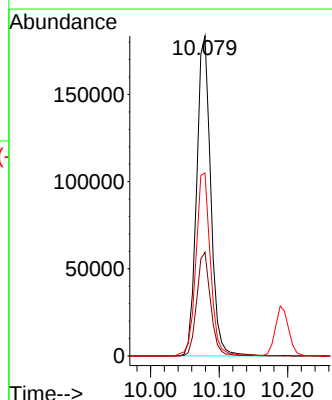
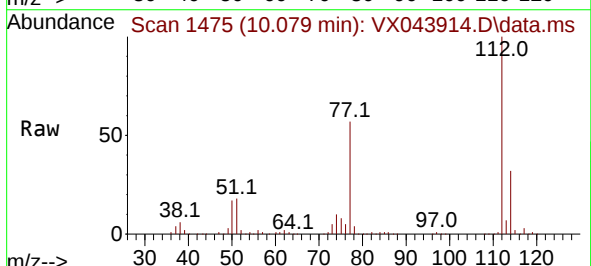
Tgt Ion:112 Resp: 262202

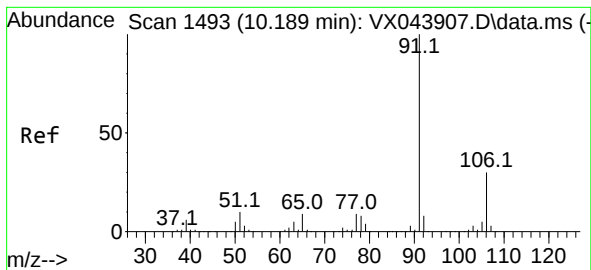
Ion Ratio Lower Upper

112 100

114 32.4 22.9 42.5

77 57.2 48.0 72.0

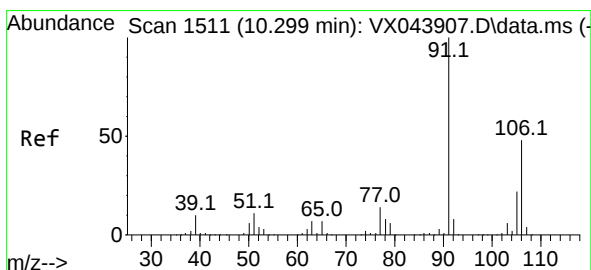
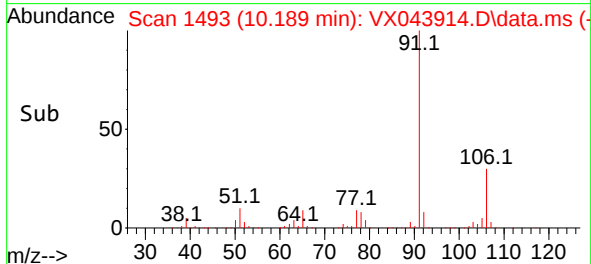
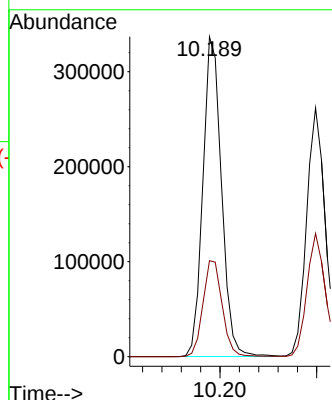
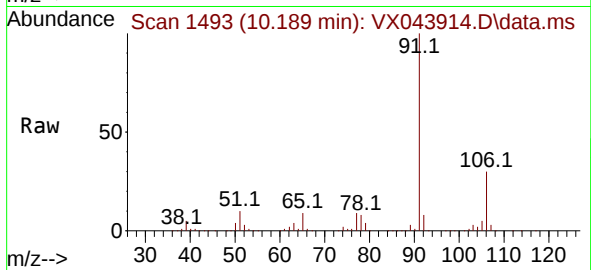




#52
Ethylbenzene
Concen: 47.931 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

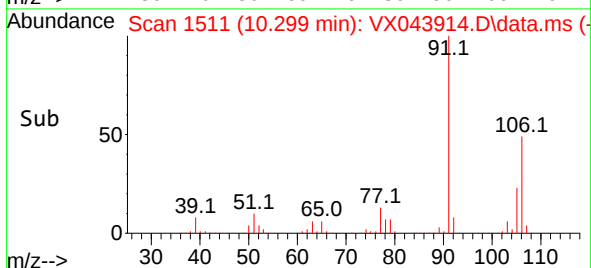
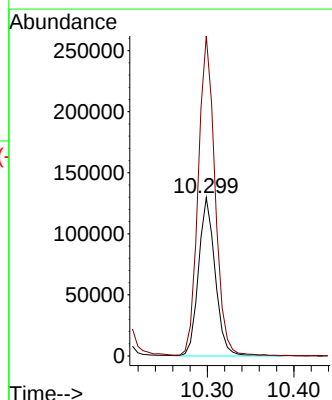
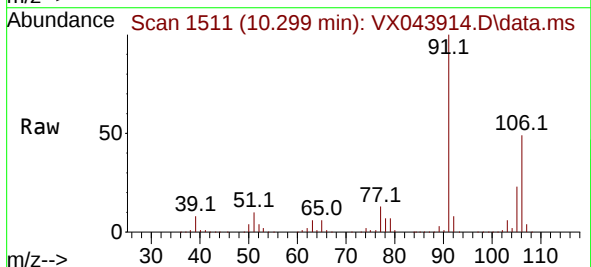
Instrument :
MSVOA_X
ClientSampleId :

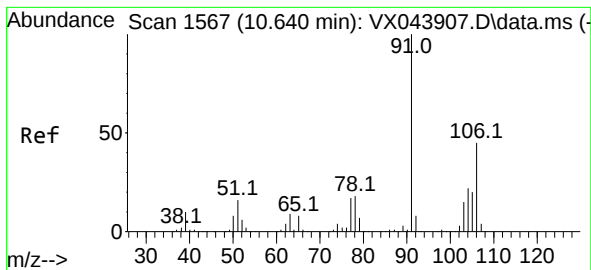
Tgt Ion: 91 Resp: 451592
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.1



#53
m,p-Xylene
Concen: 49.433 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion:106 Resp: 172984
Ion Ratio Lower Upper
106 100
91 202.1 147.5 273.9





#54

o-Xylene

Concen: 49.640 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

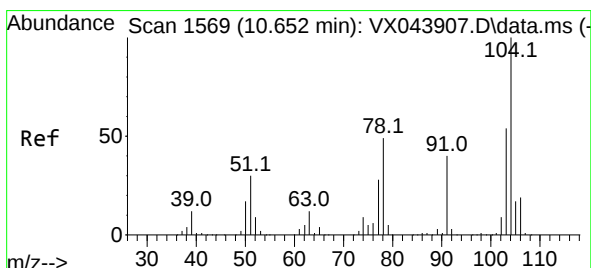
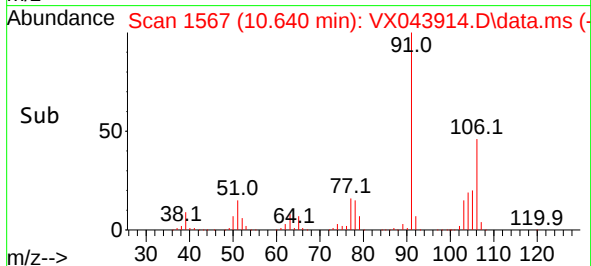
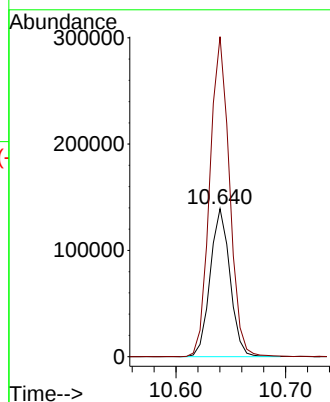
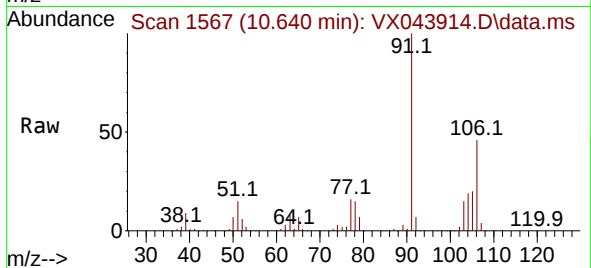
ClientSampleId :

Tgt Ion:106 Resp: 174888

Ion Ratio Lower Upper

106 100

91 216.3 153.7 285.5



#55

Styrene

Concen: 50.006 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043914.D

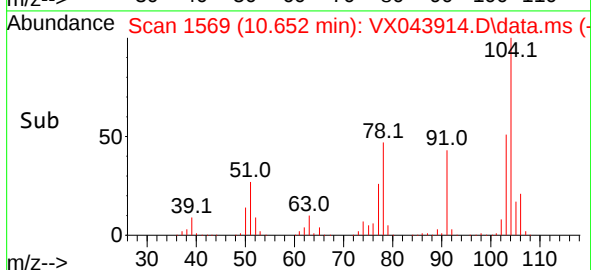
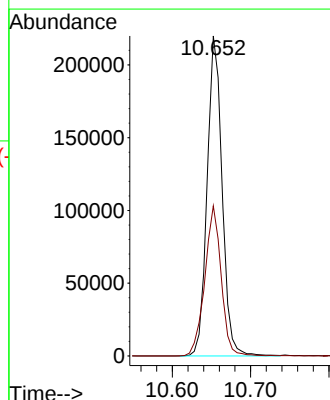
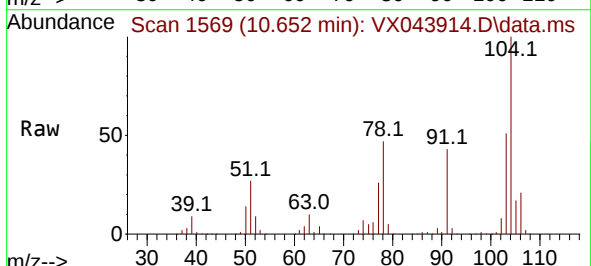
Acq: 20 Nov 2024 14:11

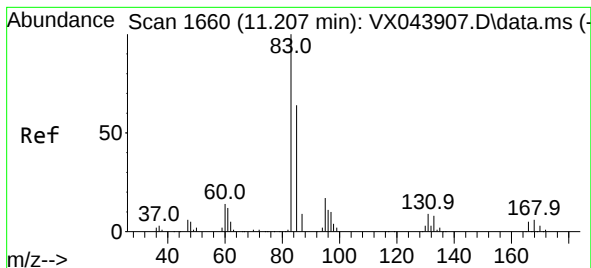
Tgt Ion:104 Resp: 291635

Ion Ratio Lower Upper

104 100

78 46.9 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 43.429 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

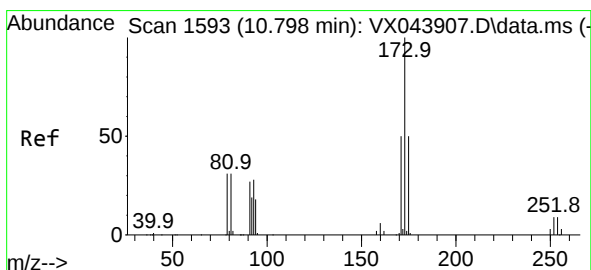
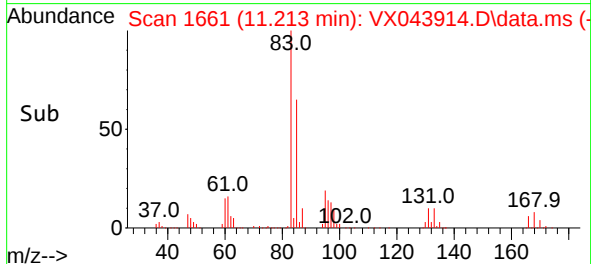
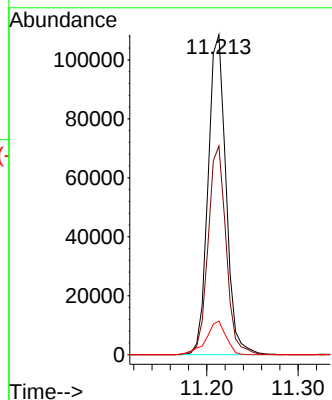
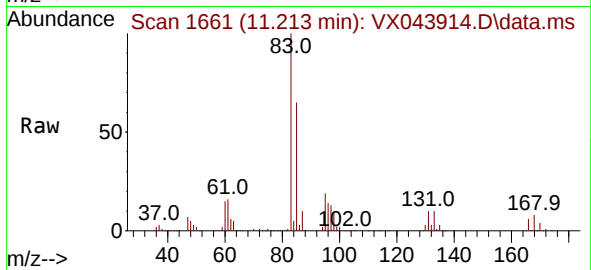
Tgt Ion: 83 Resp: 147162

Ion Ratio Lower Upper

83 100

85 65.2 46.0 85.4

131 10.5 8.8 13.2



#59

Bromoform

Concen: 47.911 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

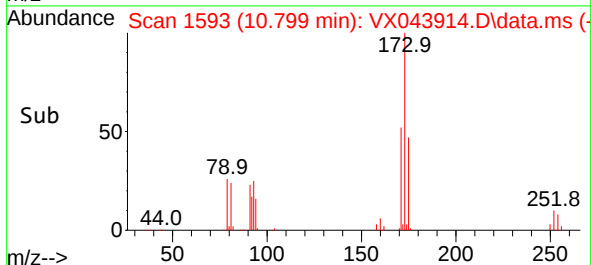
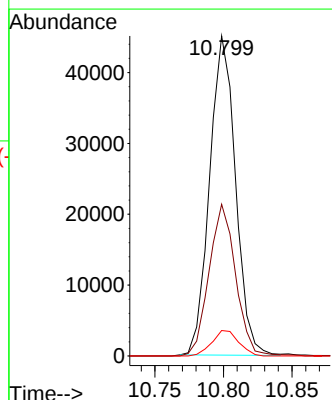
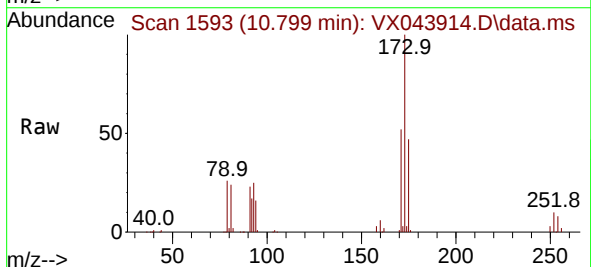
Tgt Ion:173 Resp: 59227

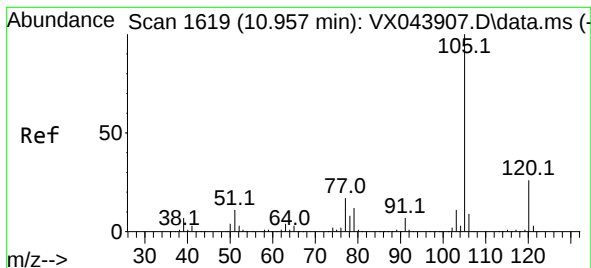
Ion Ratio Lower Upper

173 100

175 48.9 40.0 60.0

254 8.2 6.3 9.5





#60

Isopropylbenzene

Concen: 52.865 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

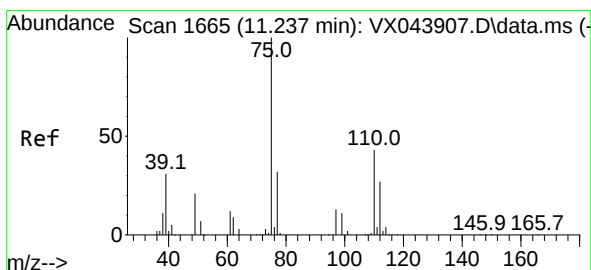
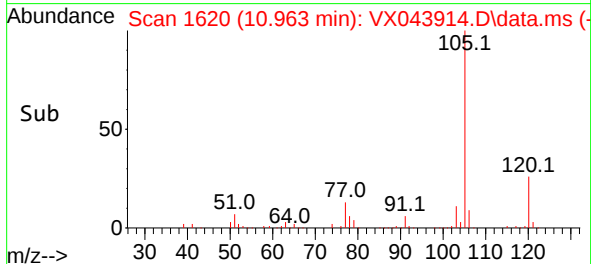
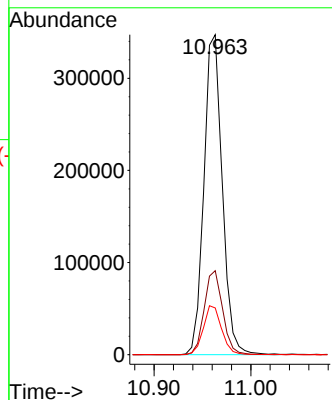
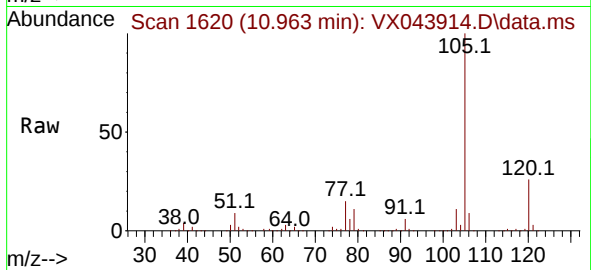
Tgt Ion:105 Resp: 459637

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

77 15.2 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 43.483 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

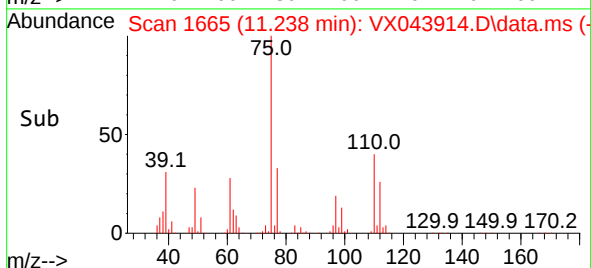
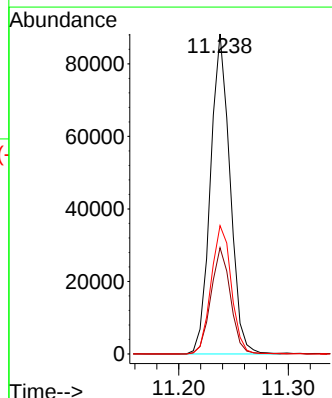
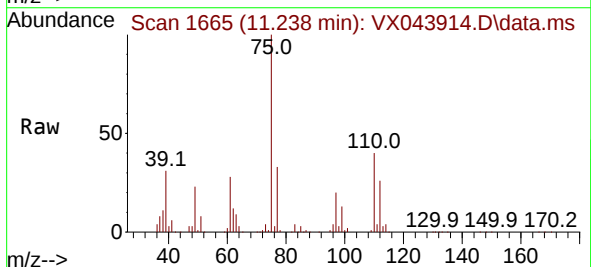
Tgt Ion: 75 Resp: 109309

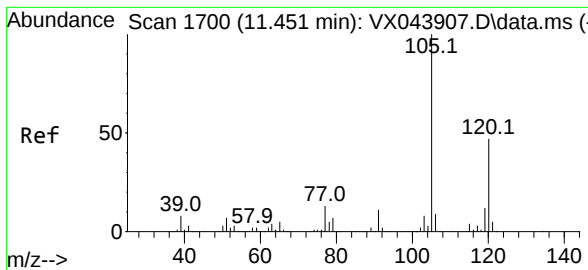
Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.6

110 41.4 33.3 49.9

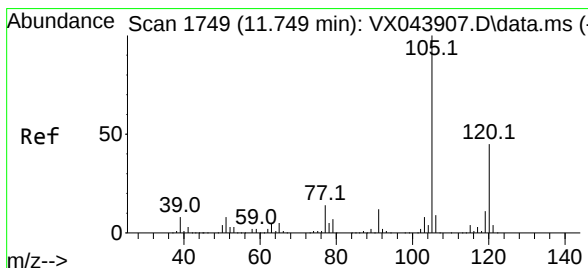
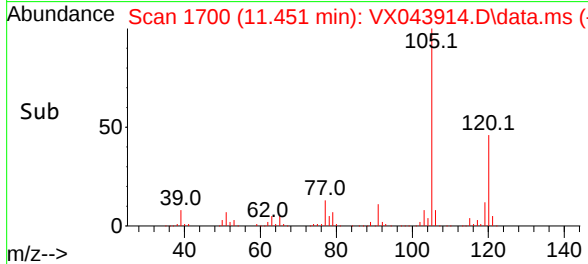
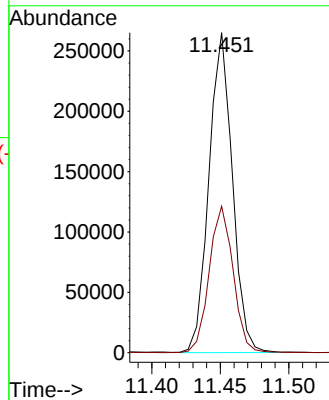
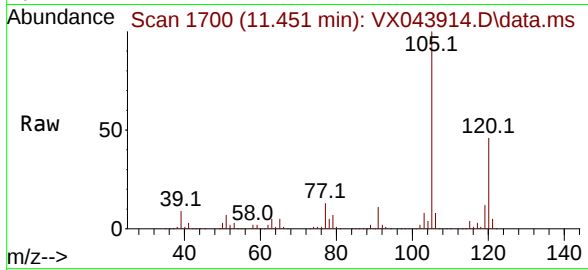




#62
 1,3,5-Trimethylbenzene
 Concen: 45.810 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX043914.D
 Acq: 20 Nov 2024 14:11

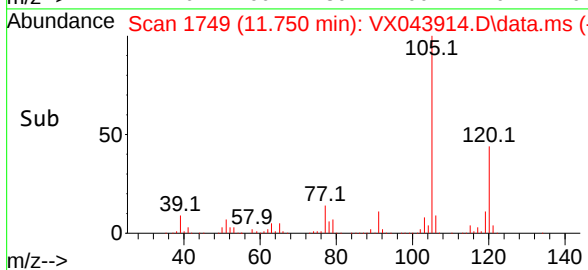
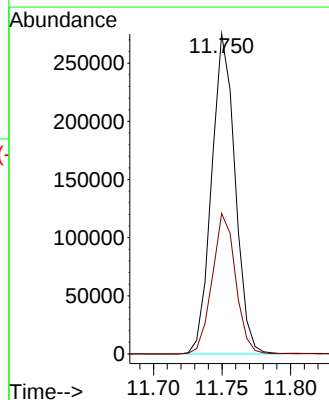
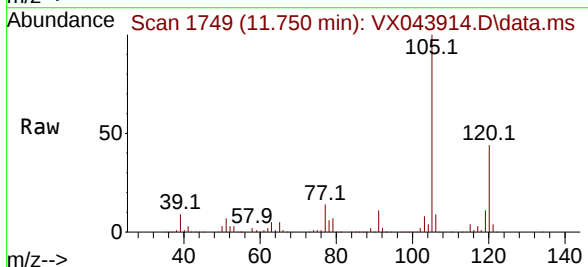
Instrument :
 MSVOA_X
 ClientSampleId :

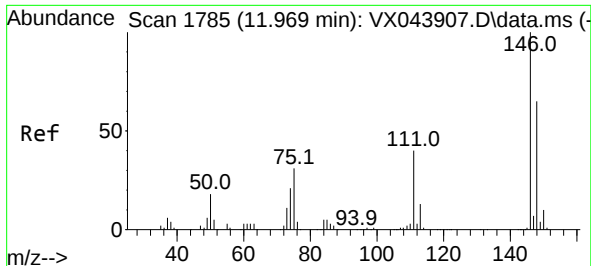
Tgt Ion:105 Resp: 314671
 Ion Ratio Lower Upper
 105 100
 120 46.9 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 47.810 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX043914.D
 Acq: 20 Nov 2024 14:11

Tgt Ion:105 Resp: 327448
 Ion Ratio Lower Upper
 105 100
 120 43.7 34.5 51.7

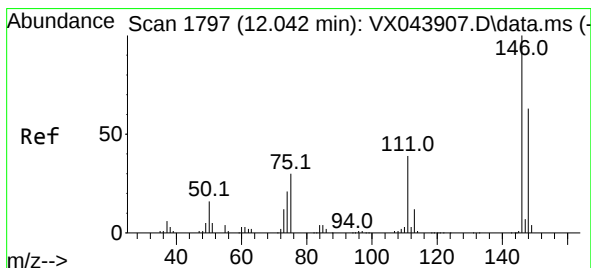
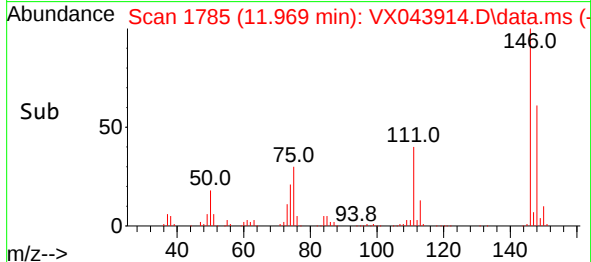
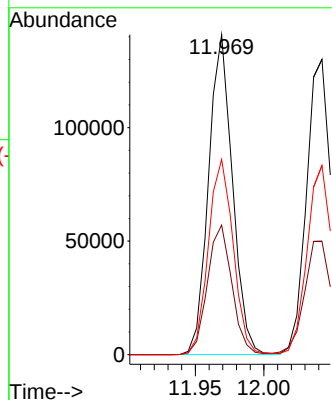
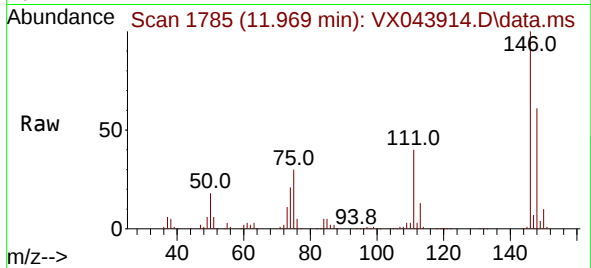




#64
1,3-Dichlorobenzene
Concen: 46.874 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

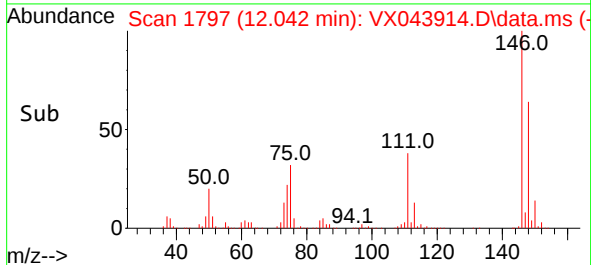
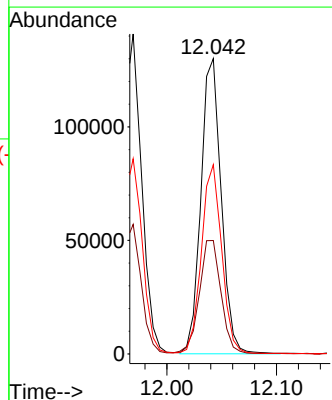
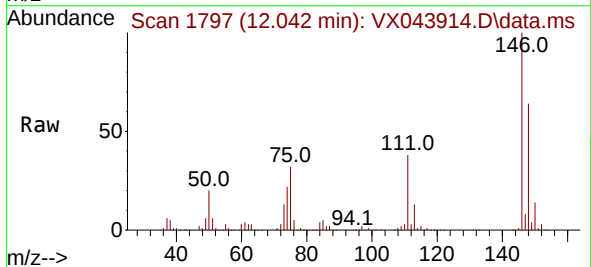
Instrument :
MSVOA_X
ClientSampleId :

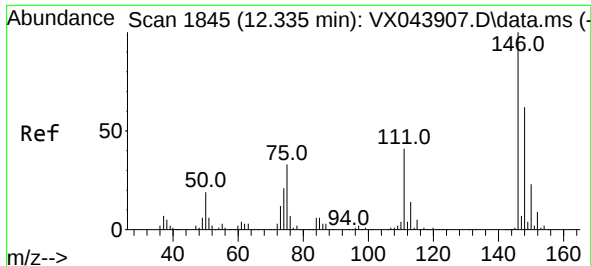
Tgt Ion:146 Resp: 170988
Ion Ratio Lower Upper
146 100
111 40.5 28.8 53.4
148 61.0 46.1 85.5



#65
1,4-Dichlorobenzene
Concen: 46.232 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion:146 Resp: 167462
Ion Ratio Lower Upper
146 100
111 38.4 29.5 54.7
148 64.1 43.2 80.2

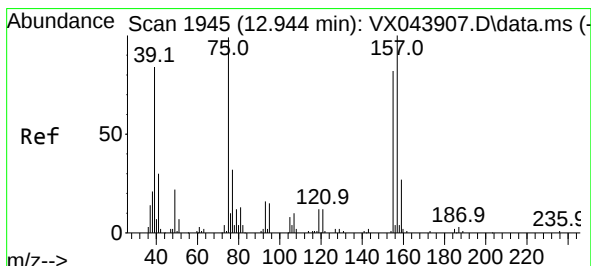
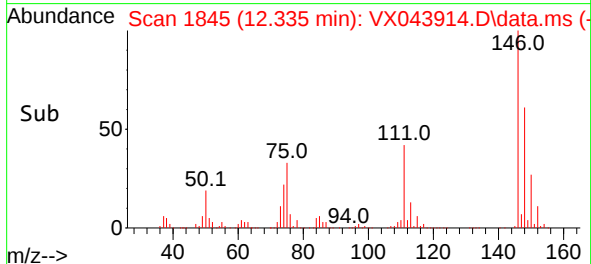
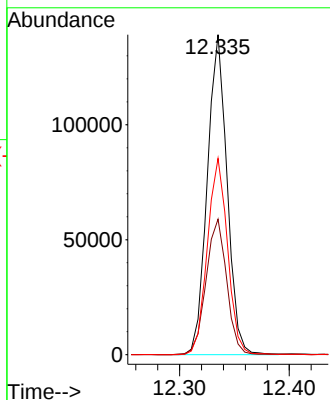
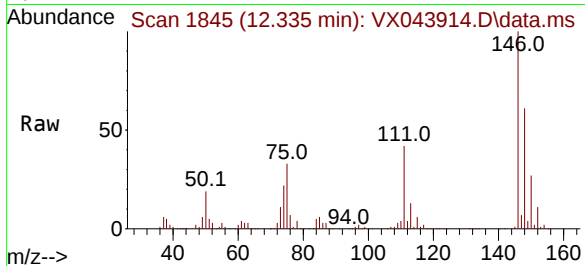




#67
1,2-Dichlorobenzene
Concen: 46.249 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

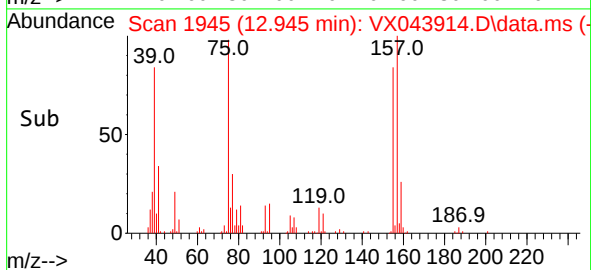
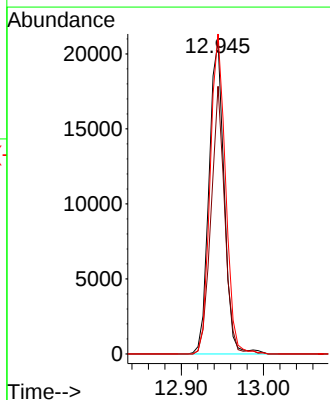
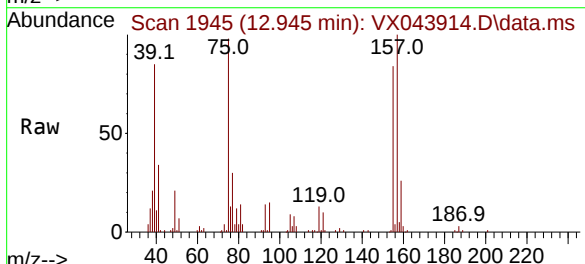
Instrument :
MSVOA_X
ClientSampleId :

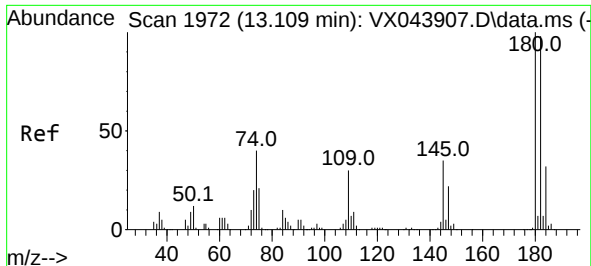
Tgt Ion:146 Resp: 174674
Ion Ratio Lower Upper
146 100
111 42.3 34.3 51.5
148 61.3 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 42.418 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX043914.D
Acq: 20 Nov 2024 14:11

Tgt Ion: 75 Resp: 26687
Ion Ratio Lower Upper
75 100
155 85.6 60.5 90.7
157 102.3 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 50.520 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

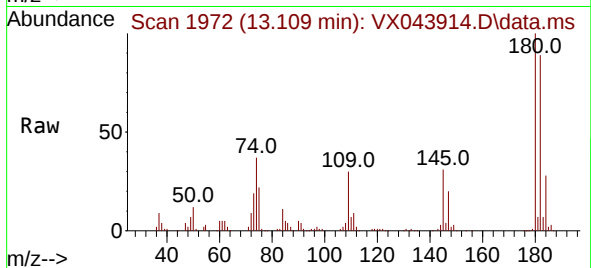
Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 118912

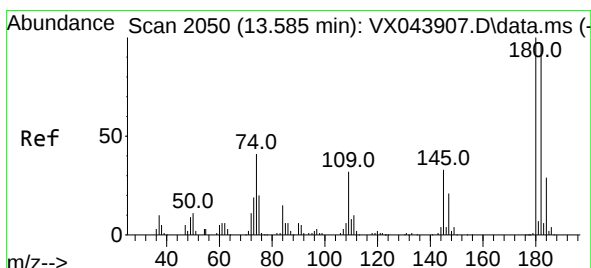
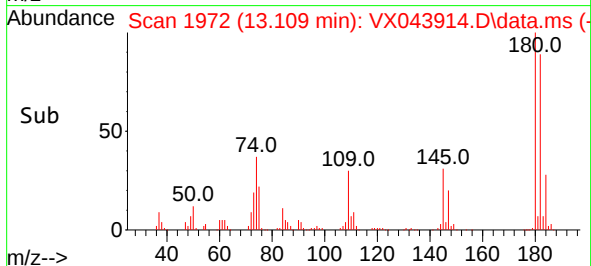
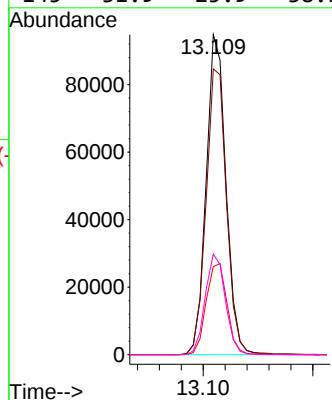
Ion Ratio Lower Upper

180 100

182 92.2 76.7 115.1

184 30.0 24.2 36.4

145 31.9 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 42.620 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

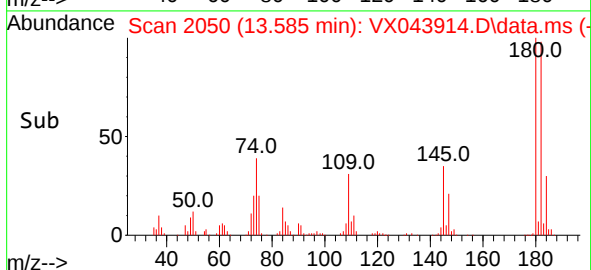
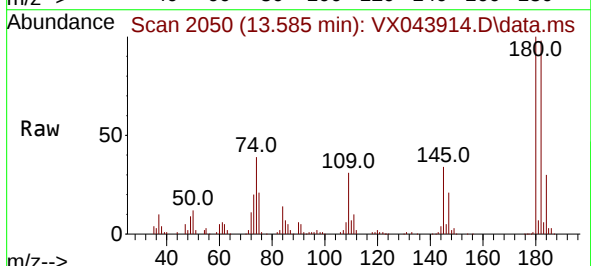
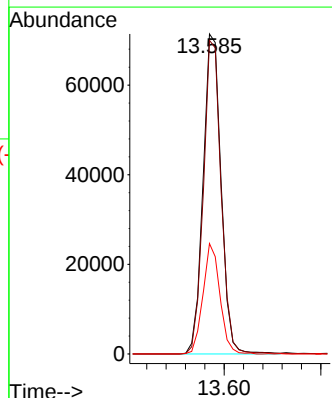
Tgt Ion:180 Resp: 92496

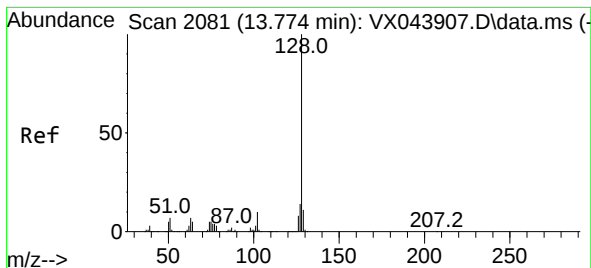
Ion Ratio Lower Upper

180 100

182 96.0 74.1 111.1

145 32.1 25.3 37.9





#71

Naphthalene

Concen: 44.127 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

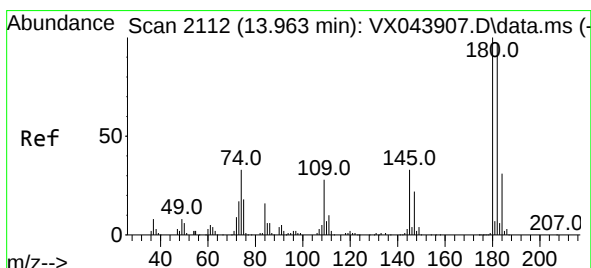
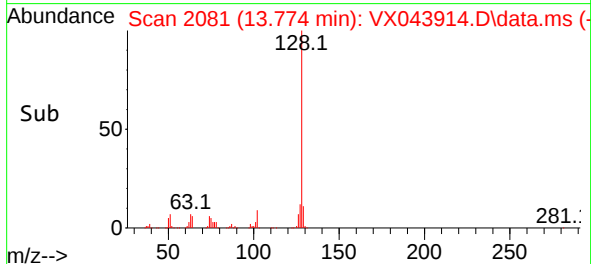
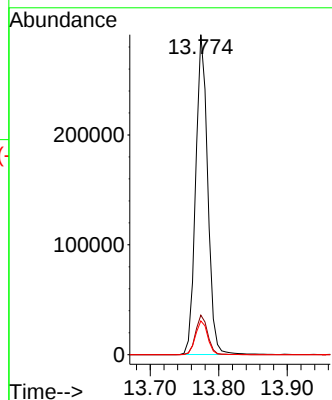
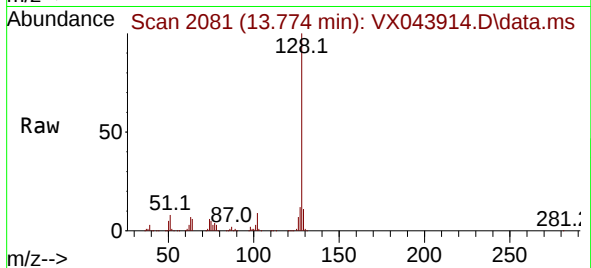
Tgt Ion:128 Resp: 356252

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 43.770 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043914.D

Acq: 20 Nov 2024 14:11

Tgt Ion:180 Resp: 95712

Ion Ratio Lower Upper

180 100

182 95.6 73.8 110.6

145 34.9 27.4 41.2

