

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043902.D
 Acq On : 19 Nov 2024 15:58
 Operator : JC/MD
 Sample : P4776-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 23:44:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:30:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	325682	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	227984	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	96333	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	104832	40.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.700%
7) Chloroethane-d5	1.642	69	47654	43.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.980%
11) 1,1-Dichloroethene-d2	2.294	65	40669	38.944	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.880%
21) 2-Butanone-d5	4.465	46	134200	85.948	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.950%
24) Chloroform-d	5.050	84	193016	40.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.180%
26) 1,2-Dichloroethane-d4	5.952	65	130762	40.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.820%
32) Benzene-d6	5.971	84	393192	52.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	7.306	67	122040	53.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.420%
41) Toluene-d8	8.647	98	312176	47.334	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.660%
43) trans-1,3-Dichloroprop...	8.952	79	50192	48.812	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.620%
47) 2-Hexanone-d5	9.385	63	81128	95.628	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.630%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	135111	47.158	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.320%
66) 1,2-Dichlorobenzene-d4	12.317	152	93786	45.865	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	5639	2.110	ug/L	90
3) Chloromethane	1.295	50	6401	2.343	ug/L	98
5) Vinyl chloride	1.374	62	6585	2.370	ug/L #	77
6) Bromomethane	1.593	94	2508	2.168	ug/L	72
8) Chloroethane	1.666	64	2478	2.004	ug/L	97
9) Trichlorofluoromethane	1.868	101	8349	2.246	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	6170	2.785	ug/L	87
12) 1,1-Dichloroethene	2.307	96	5603	2.777	ug/L #	1
13) Acetone	2.392	43	6759	4.924	ug/L	95
14) Carbon disulfide	2.496	76	8145	1.899	ug/L	99
15) Methyl Acetate	2.703	43	5857	2.281	ug/L	99
16) Methylene chloride	2.776	84	5777	2.442	ug/L	96
17) trans-1,2-Dichloroethene	3.081	96	4618	2.137	ug/L	82
18) Methyl tert-butyl Ether	3.117	73	17852	2.232	ug/L	99
19) 1,1-Dichloroethane	3.599	63	9542	2.216	ug/L	93
20) cis-1,2-Dichloroethene	4.471	96	5814	2.213	ug/L	84
22) 2-Butanone	4.581	43	3889	2.126	ug/L	77
27) 1,2-Dichloroethane	6.092	62	8182	2.206	ug/L	98
29) Cyclohexane	5.458	56	8145	2.747	ug/L	94

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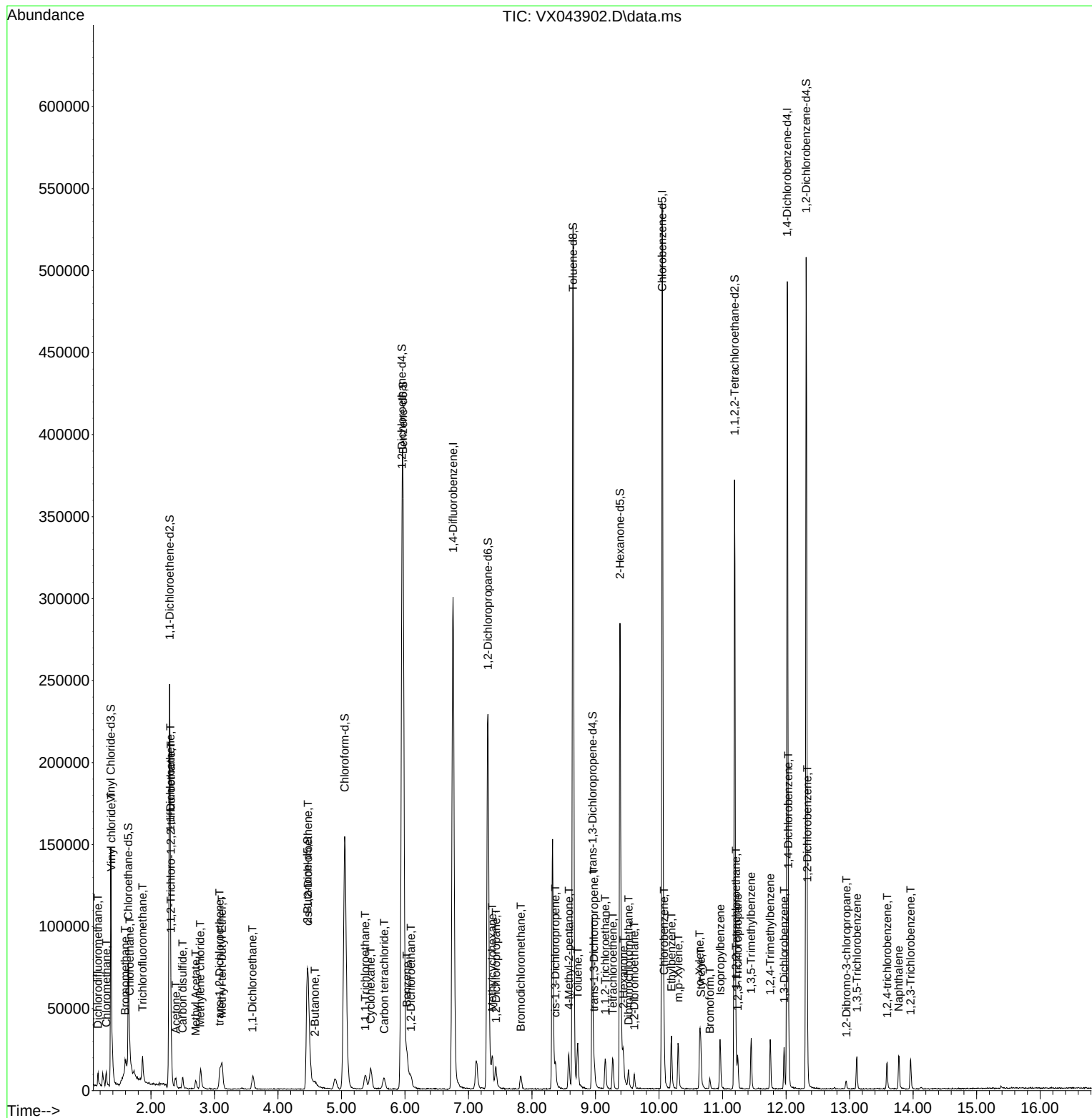
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	5.373	97	8217	2.612	ug/L #	85
31) Carbon tetrachloride	5.672	117	6146	2.409	ug/L	100
33) Benzene	6.031	78	21109	2.770	ug/L	100
35) Methylcyclohexane	7.373	83	8058	2.818	ug/L	95
37) 1,2-Dichloropropane	7.434	63	5450	2.755	ug/L	99
38) Bromodichloromethane	7.824	83	5617	2.264	ug/L #	83
39) cis-1,3-Dichloropropene	8.366	75	8206	2.633	ug/L	89
40) 4-Methyl-2-pentanone	8.580	43	13613	5.027	ug/L	99
42) Toluene	8.720	91	17399	2.265	ug/L	89
44) trans-1,3-Dichloropropene	8.976	75	6584	2.350	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	5185	2.666	ug/L	97
46) Tetrachloroethene	9.275	164	3763	2.761	ug/L	85
48) 2-Hexanone	9.439	43	11565	5.658	ug/L #	93
49) Dibromochloromethane	9.519	129	4066	2.261	ug/L	92
50) 1,2-Dibromoethane	9.610	107	4995	2.438	ug/L	100
51) Chlorobenzene	10.080	112	11301	2.372	ug/L	95
52) Ethylbenzene	10.195	91	19498	2.409	ug/L	96
53) m,p-Xylene	10.305	106	7157	2.380	ug/L	95
54) o-Xylene	10.640	106	7211	2.382	ug/L	92
55) Styrene	10.659	104	10591	2.114	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	8412	2.889	ug/L	92
59) Bromoform	10.799	173	2173	2.013	ug/L	99
60) Isopropylbenzene	10.964	105	17531	2.309	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	5586	2.545	ug/L	93
62) 1,3,5-Trimethylbenzene	11.451	105	14047	2.342	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	13098	2.190	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	7745	2.432	ug/L	94
65) 1,4-Dichlorobenzene	12.036	146	7887	2.494	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	8708	2.641	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.951	75	1155	2.103	ug/L	93
69) 1,3,5-Trichlorobenzene	13.116	180	4531	2.205	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3954	2.087	ug/L	96
71) Naphthalene	13.774	128	14307	2.030	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	4041	2.116	ug/L	93

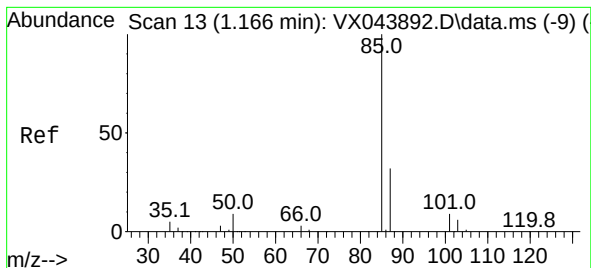
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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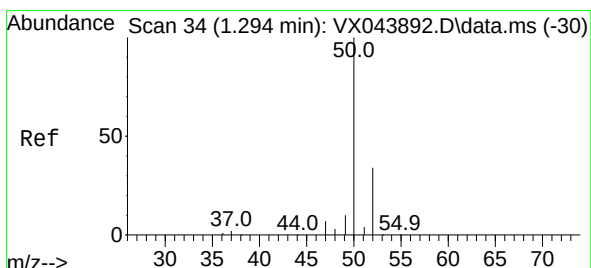
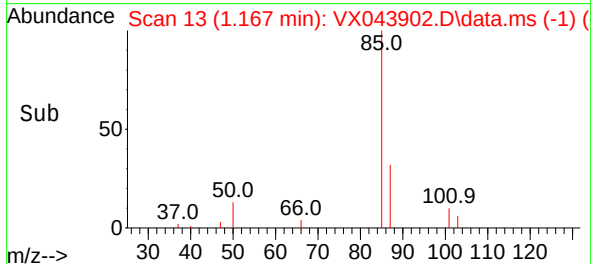
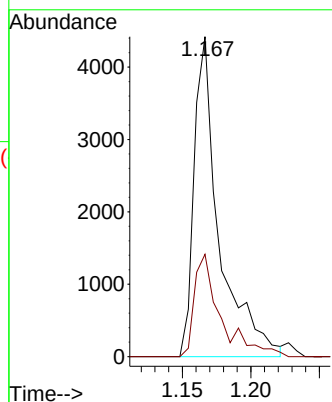
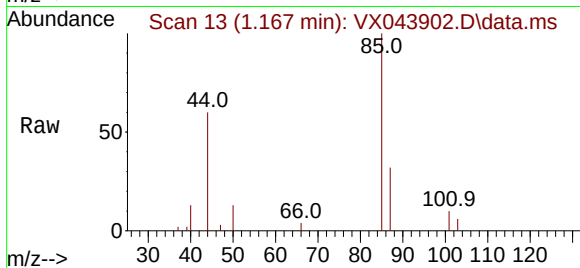




#2
 Dichlorodifluoromethane
 Concen: 2.110 ug/L
 RT: 1.167 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX043902.D
 Acq: 19 Nov 2024 15:58

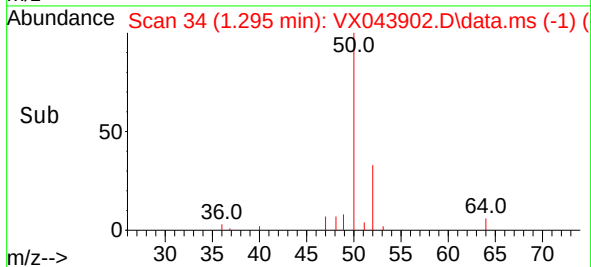
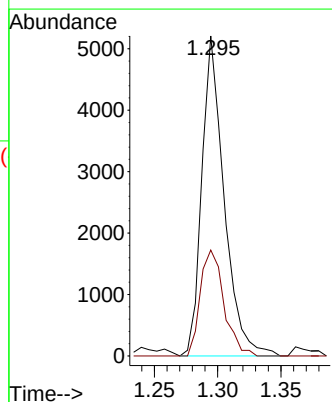
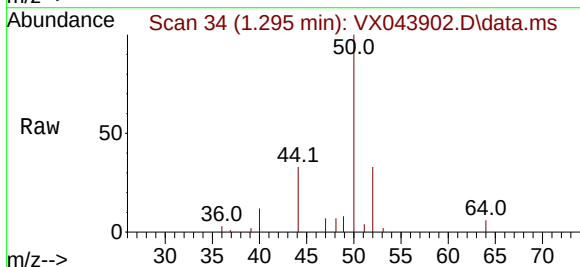
Instrument :
 MSVOA_X
 ClientSampleId :

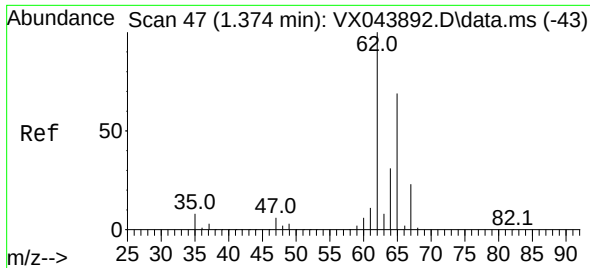
Tgt Ion: 85 Resp: 5639
 Ion Ratio Lower Upper
 85 100
 87 27.1 26.1 39.1



#3
 Chloromethane
 Concen: 2.343 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.001 min
 Lab File: VX043902.D
 Acq: 19 Nov 2024 15:58

Tgt Ion: 50 Resp: 6401
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.9 44.3

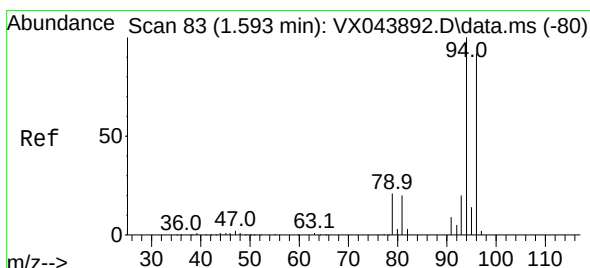
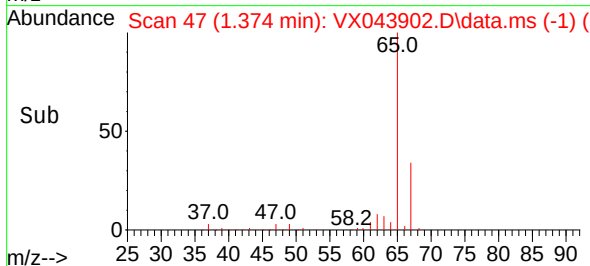
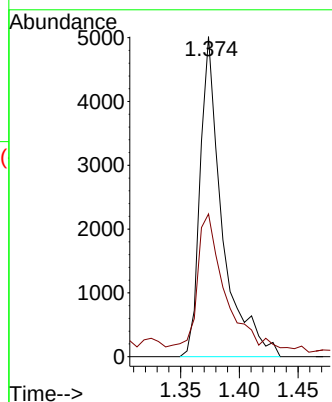
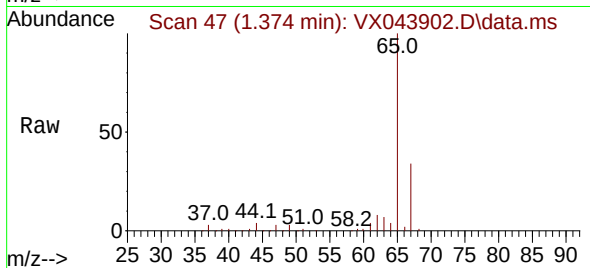




#5
 Vinyl chloride
 Concen: 2.370 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX043902.D
 Acq: 19 Nov 2024 15:58

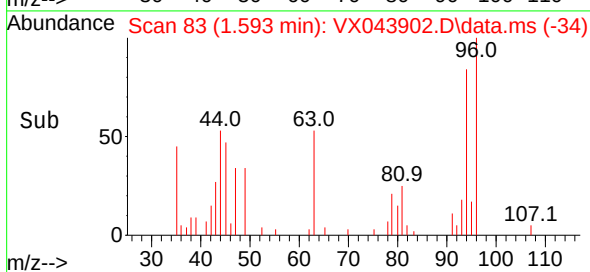
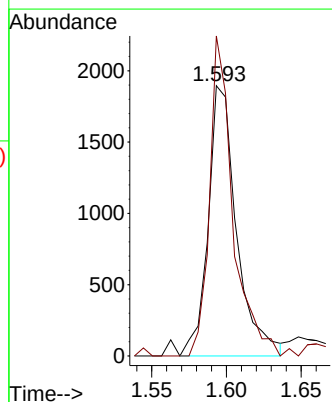
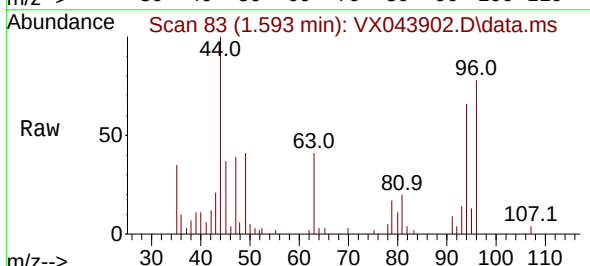
Instrument :
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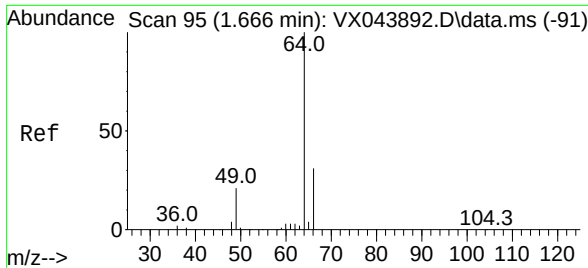
Tgt Ion: 62 Resp: 6585
 Ion Ratio Lower Upper
 62 100
 64 44.6 22.2 41.2#



#6
 Bromomethane
 Concen: 2.168 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX043902.D
 Acq: 19 Nov 2024 15:58

Tgt Ion: 94 Resp: 2508
 Ion Ratio Lower Upper
 94 100
 96 118.4 64.2 119.2

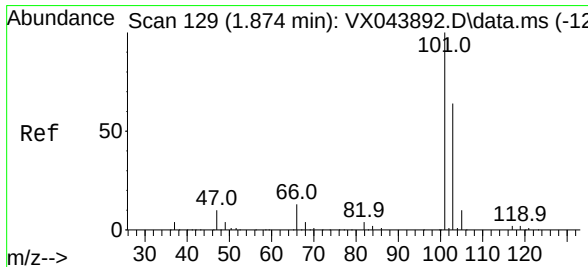
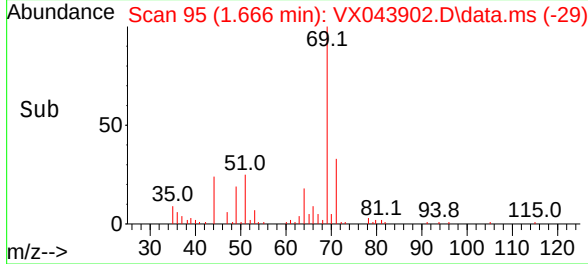
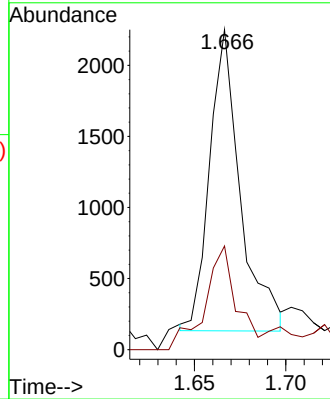
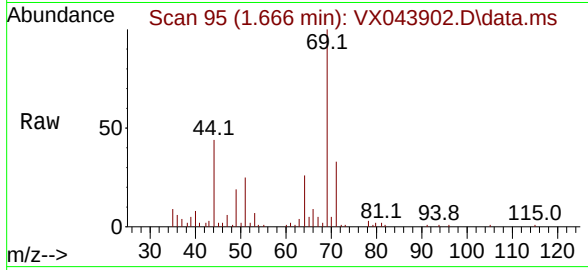




#8
Chloroethane
Concen: 2.004 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

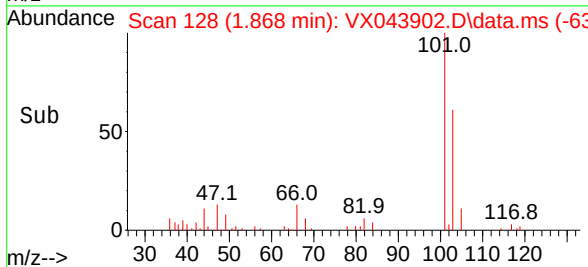
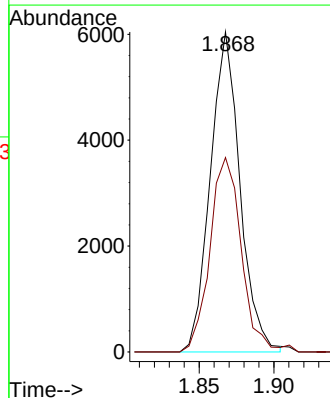
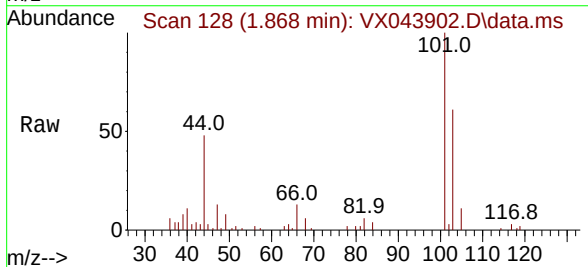
Instrument :
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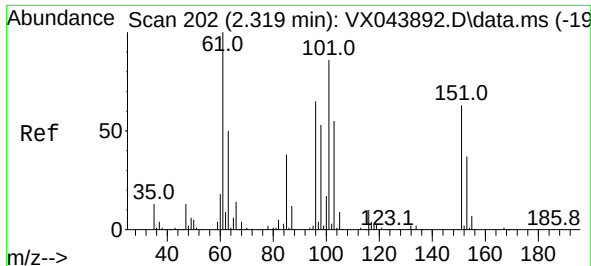
Tgt Ion: 64 Resp: 2478
Ion Ratio Lower Upper
64 100
66 32.4 21.5 39.9



#9
Trichlorofluoromethane
Concen: 2.246 ug/L
RT: 1.868 min Scan# 128
Delta R.T. -0.006 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

Tgt Ion:101 Resp: 8349
Ion Ratio Lower Upper
101 100
103 63.8 50.8 76.2

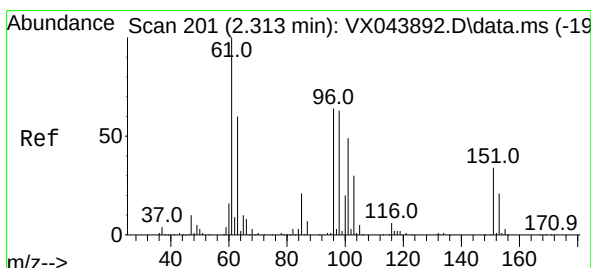
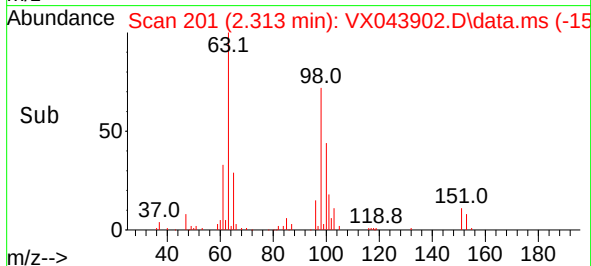
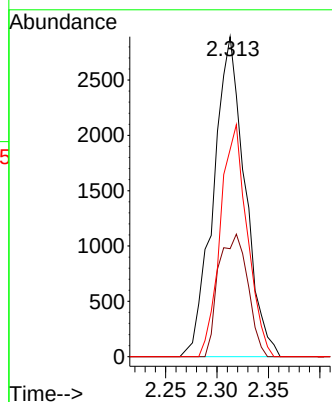
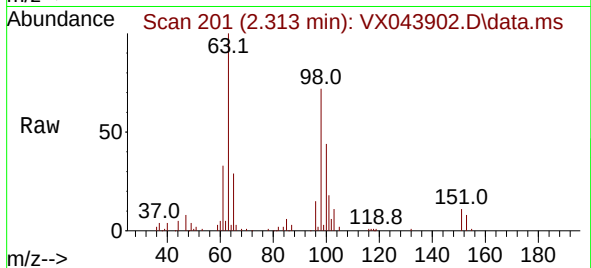




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.785 ug/L
 RT: 2.313 min Scan# 202
 Delta R.T. -0.006 min
 Lab File: VX043902.D
 Acq: 19 Nov 2024 15:58

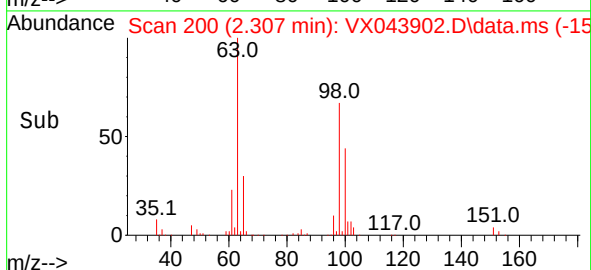
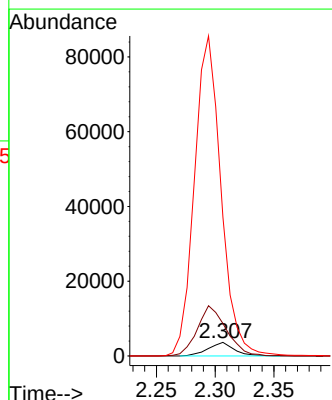
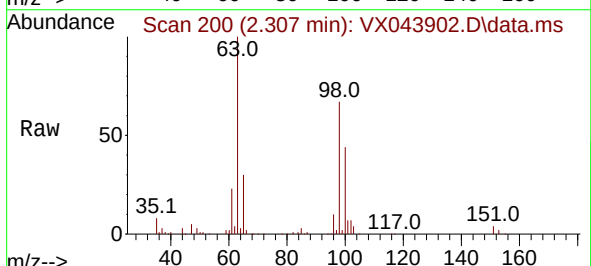
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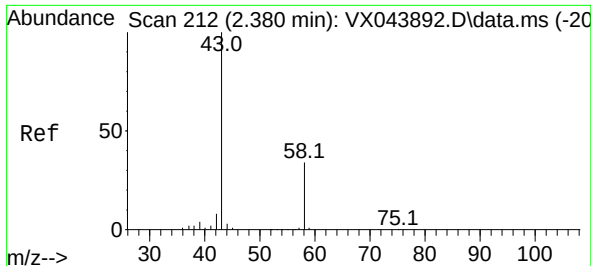
Tgt Ion:	101	Resp:	6170
Ion	Ratio	Lower	Upper
101	100		
85	35.4	33.9	50.9
151	61.6	58.5	87.7



#12
 1,1-Dichloroethene
 Concen: 2.777 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX043902.D
 Acq: 19 Nov 2024 15:58

Tgt Ion:	96	Resp:	5603
Ion	Ratio	Lower	Upper
96	100		
61	240.4	109.3	203.1#
63	1026.1	65.7	122.1#





#13

Acetone

Concen: 4.924 ug/L

RT: 2.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

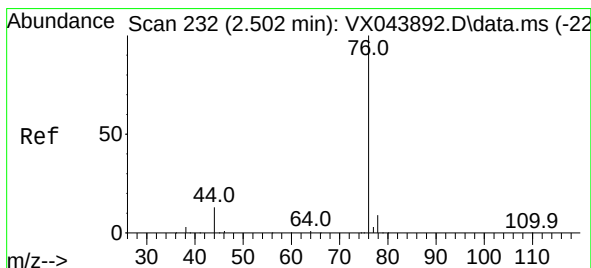
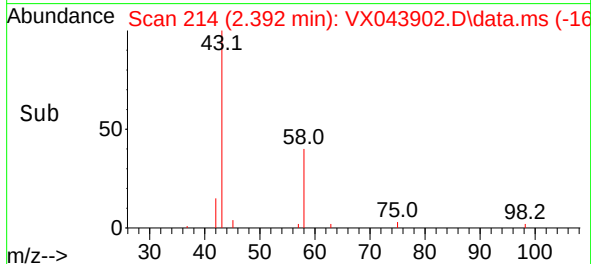
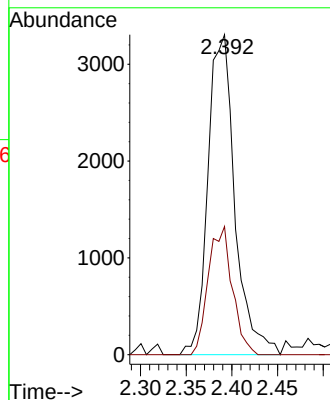
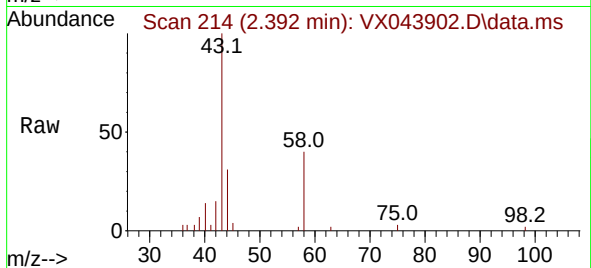
ClientSampleId :

Tgt Ion: 43 Resp: 6759

Ion Ratio Lower Upper

43 100

58 35.7 0.0 66.0



#14

Carbon disulfide

Concen: 1.899 ug/L

RT: 2.496 min Scan# 231

Delta R.T. -0.006 min

Lab File: VX043902.D

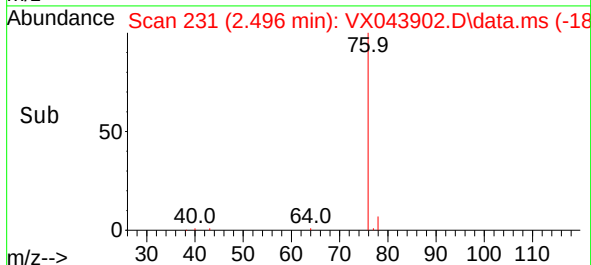
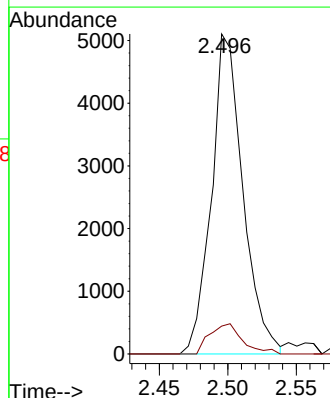
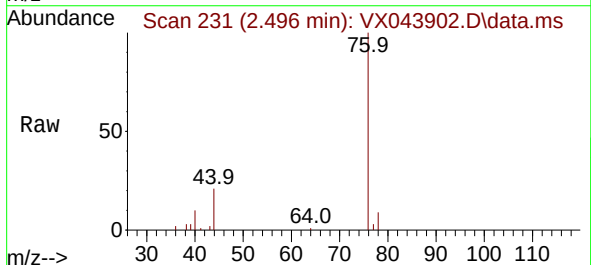
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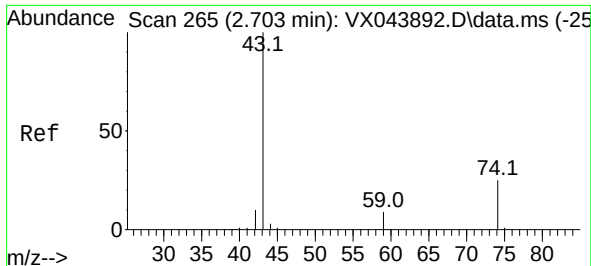
Tgt Ion: 76 Resp: 8145

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8





#15

Methyl Acetate

Concen: 2.281 ug/L

RT: 2.703 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

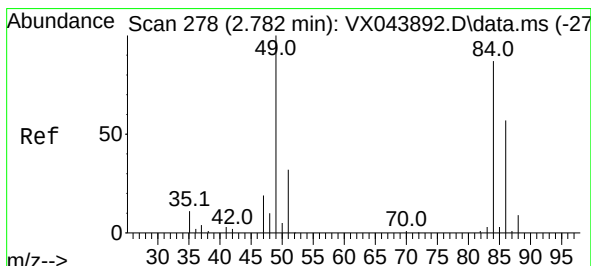
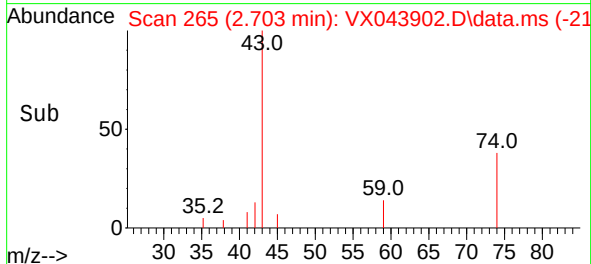
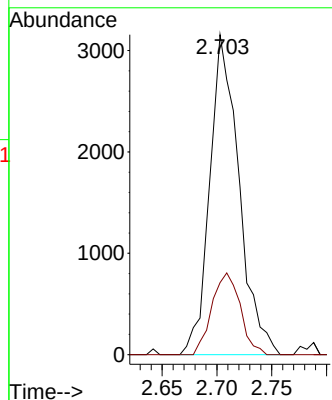
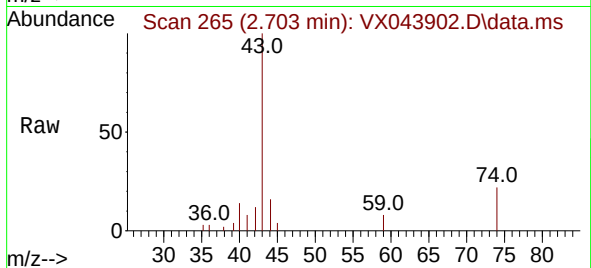
ClientSampleId :

Tgt Ion: 43 Resp: 5857

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.2



#16

Methylene chloride

Concen: 2.442 ug/L

RT: 2.776 min Scan# 277

Delta R.T. -0.006 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

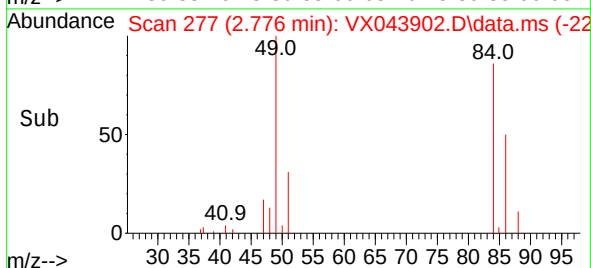
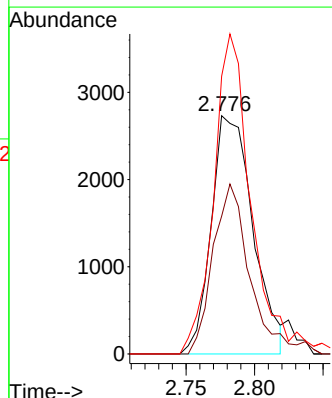
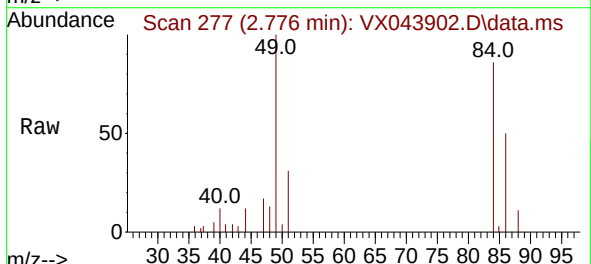
Tgt Ion: 84 Resp: 5777

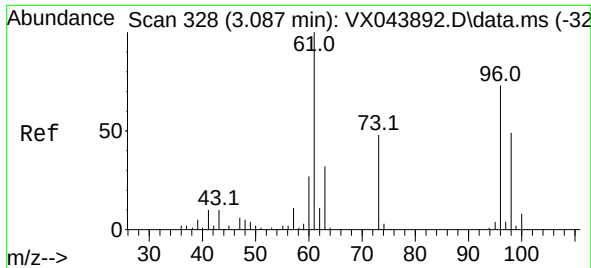
Ion Ratio Lower Upper

84 100

86 57.8 46.0 85.4

49 116.6 80.8 150.2

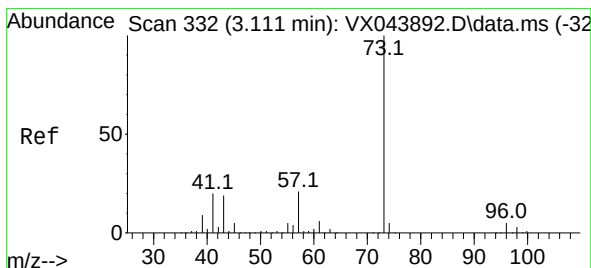
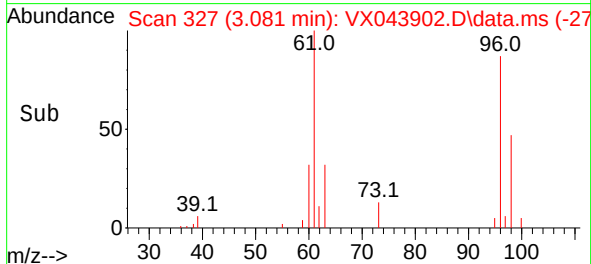
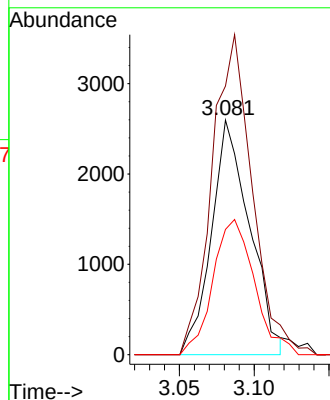
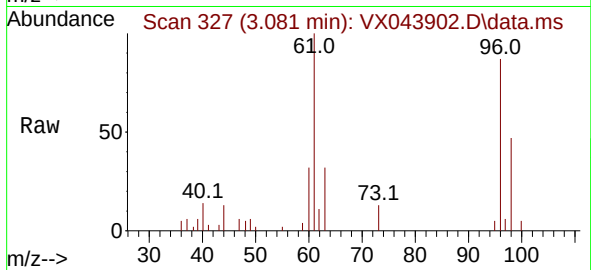




#17
trans-1,2-Dichloroethene
Concen: 2.137 ug/L
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

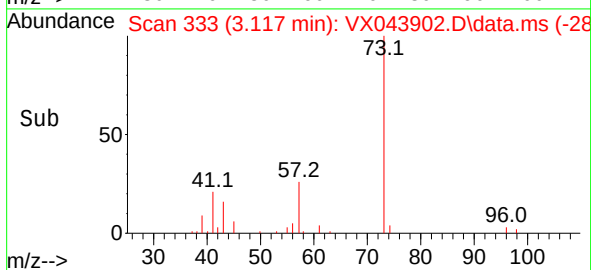
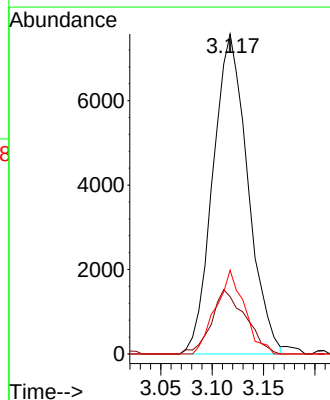
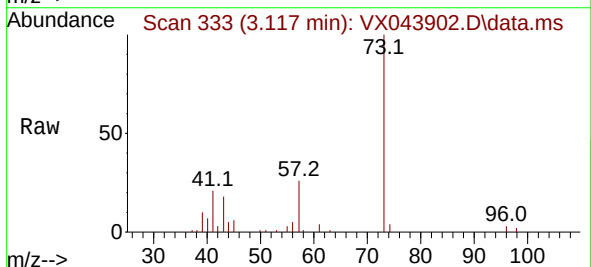
Instrument :
MSVOA_X
ClientSampleId :

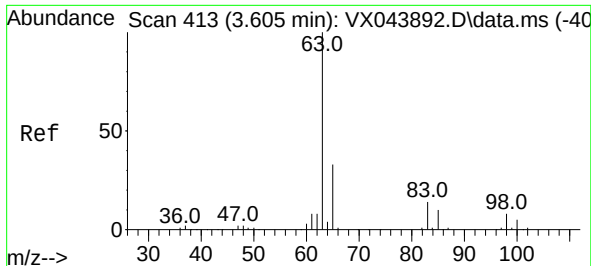
Tgt Ion: 96 Resp: 4618
Ion Ratio Lower Upper
96 100
61 114.5 95.7 177.7
98 53.4 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 2.232 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

Tgt Ion: 73 Resp: 17852
Ion Ratio Lower Upper
73 100
43 19.6 15.2 22.8
57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 2.216 ug/L

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX043902.D

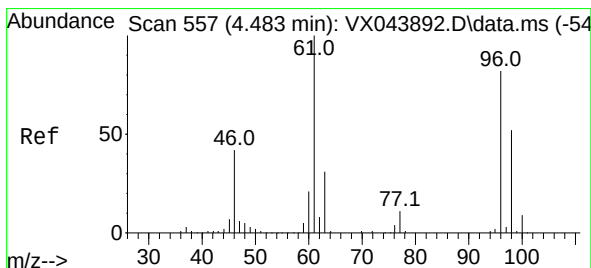
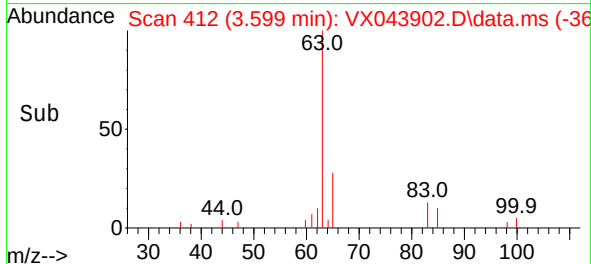
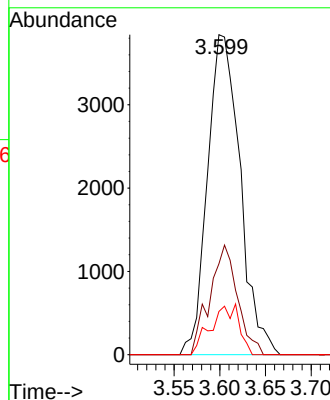
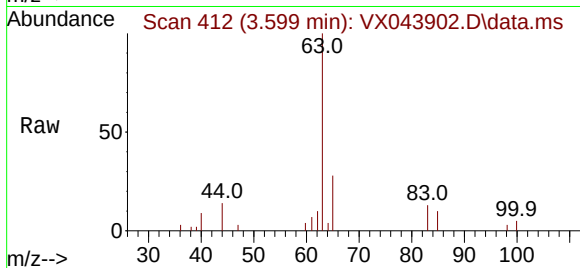
Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 9542
Ion Ratio	Lower Upper
63 100	
65 28.4	23.2 43.2
83 13.5	10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 2.213 ug/L

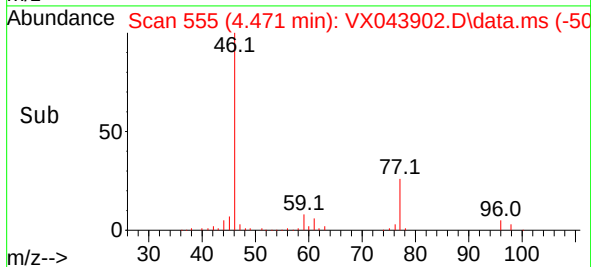
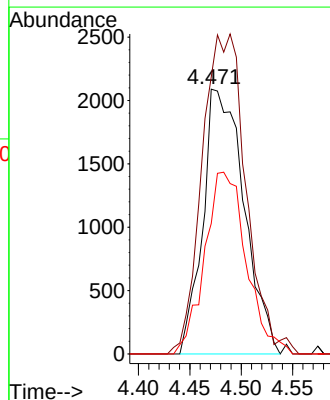
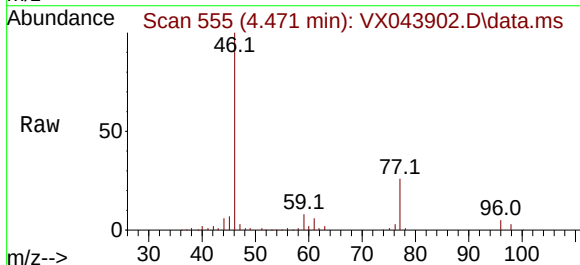
RT: 4.471 min Scan# 555

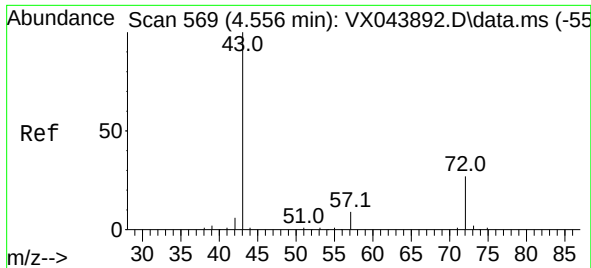
Delta R.T. -0.012 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Tgt Ion: 96	Resp: 5814
Ion Ratio	Lower Upper
96 100	
61 104.6	85.0 158.0
98 49.2	44.6 82.8

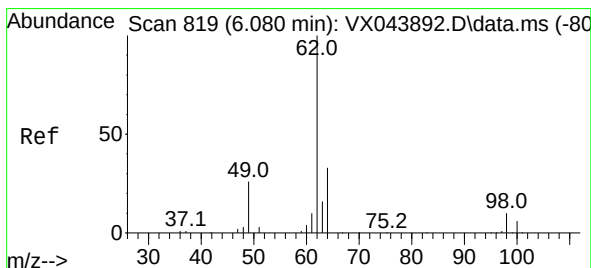
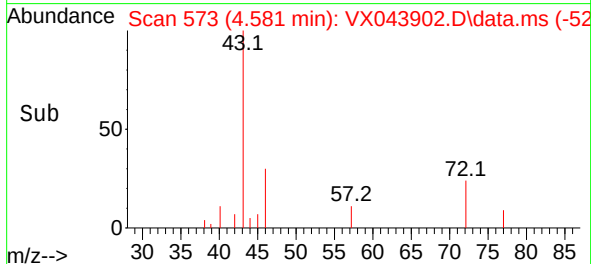
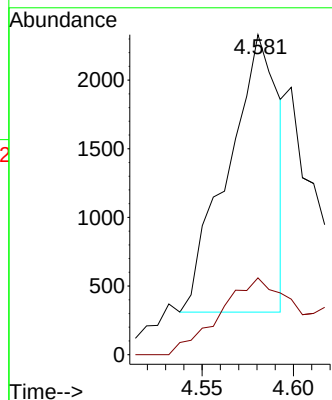
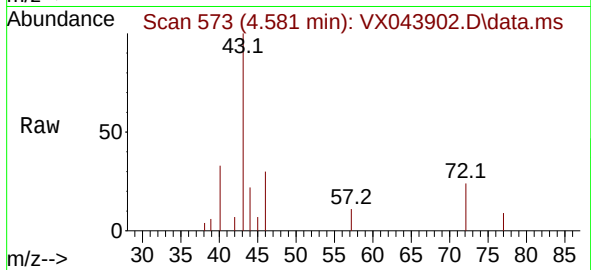




#22
2-Butanone
Concen: 2.126 ug/L
RT: 4.581 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

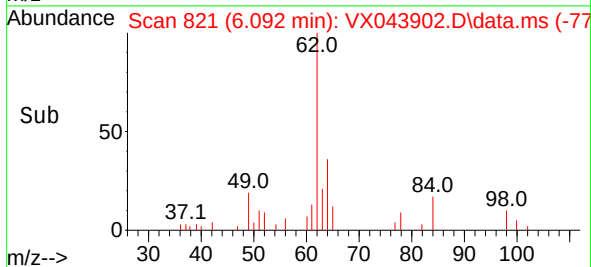
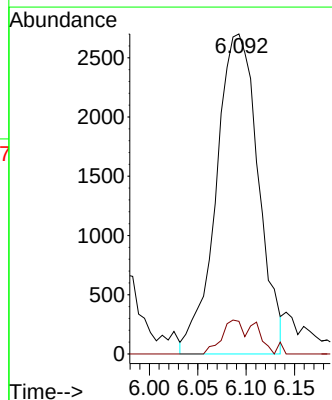
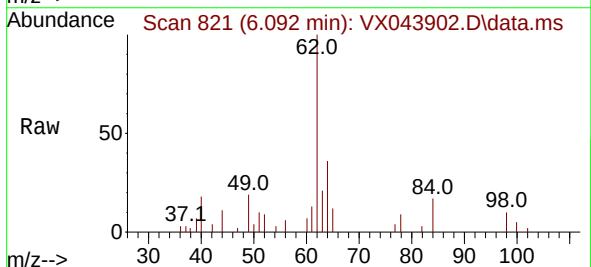
Instrument :
MSVOA_X
ClientSampleId :

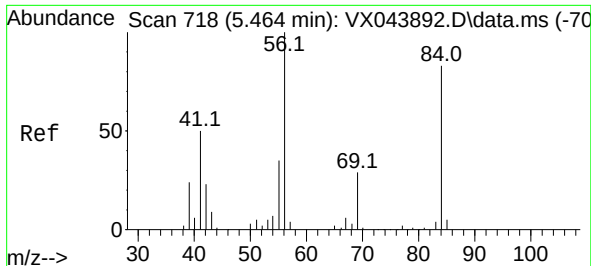
Tgt Ion: 43 Resp: 3889
Ion Ratio Lower Upper
43 100
72 38.2 13.1 39.3



#27
1,2-Dichloroethane
Concen: 2.206 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

Tgt Ion: 62 Resp: 8182
Ion Ratio Lower Upper
62 100
98 10.2 7.7 11.5





#29

Cyclohexane

Concen: 2.747 ug/L

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

ClientSampleId :

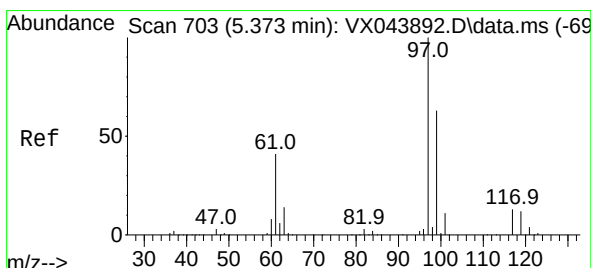
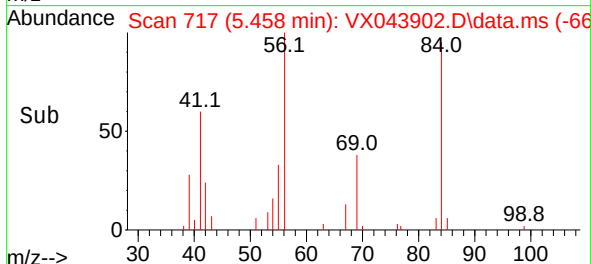
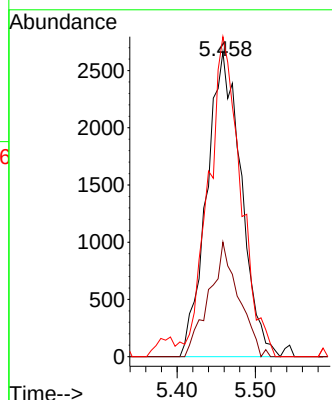
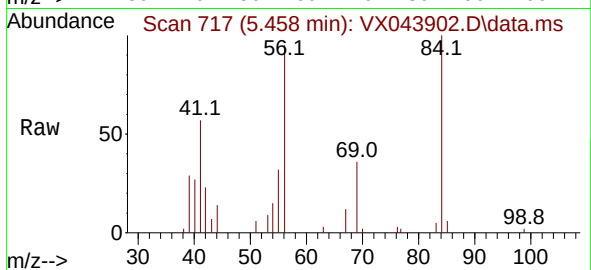
Tgt Ion: 56 Resp: 8145

Ion Ratio Lower Upper

56 100

69 32.1 25.1 37.7

84 98.0 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 2.612 ug/L

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

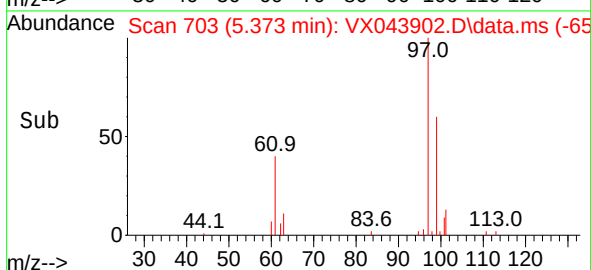
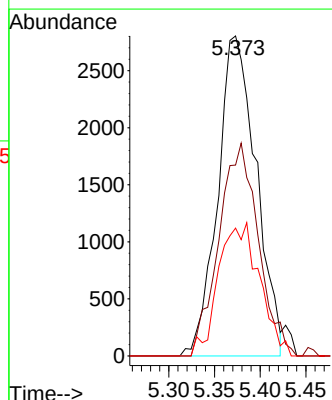
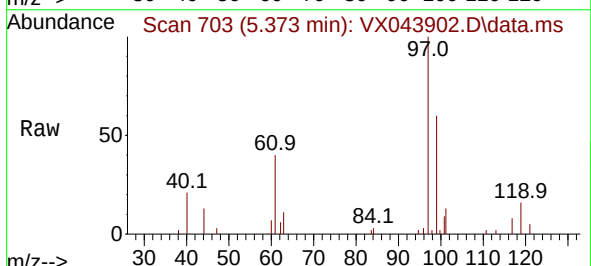
Tgt Ion: 97 Resp: 8217

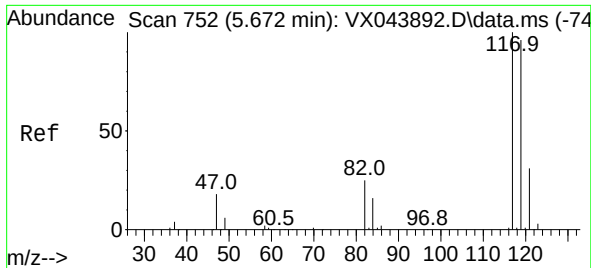
Ion Ratio Lower Upper

97 100

99 68.3 52.2 78.2

61 21.2 32.8 49.2#

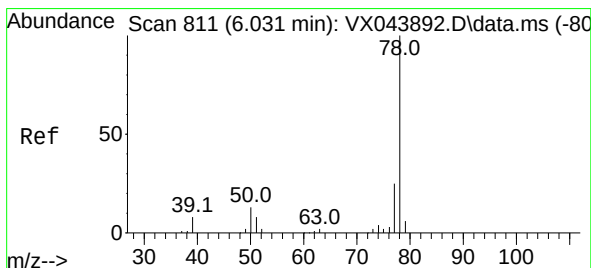
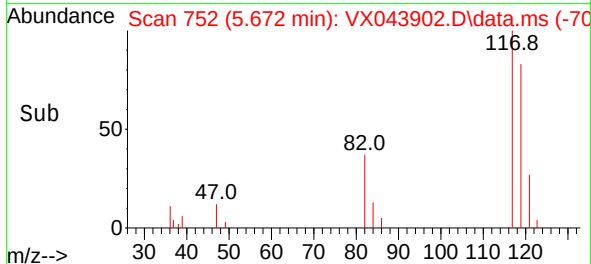
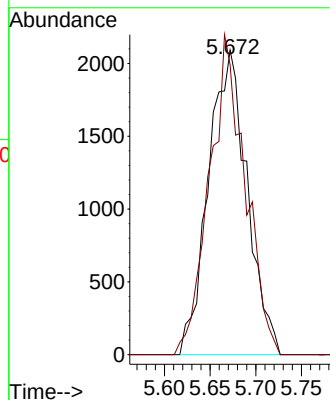
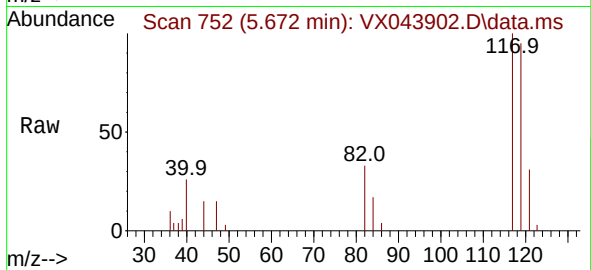




#31
Carbon tetrachloride
Concen: 2.409 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

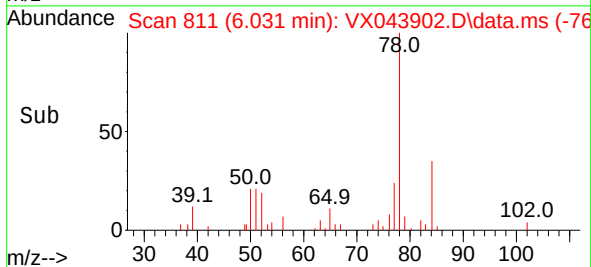
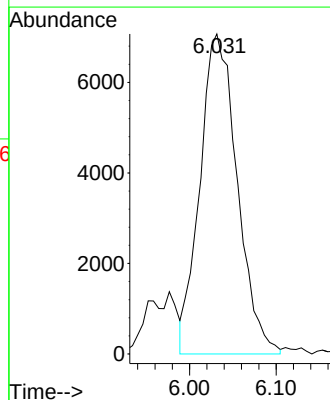
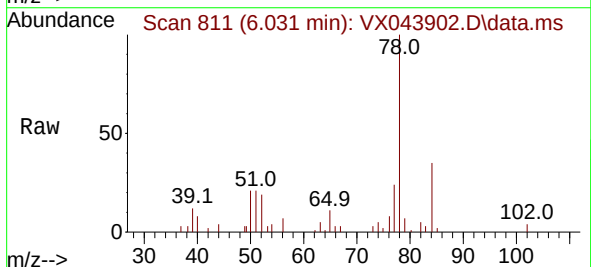
Instrument :
MSVOA_X
ClientSampleId :

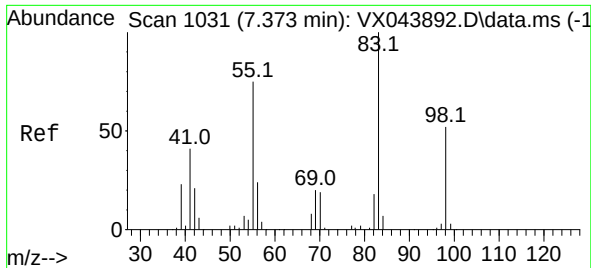
Tgt Ion:117 Resp: 6146
Ion Ratio Lower Upper
117 100
119 97.2 77.7 116.5



#33
Benzene
Concen: 2.770 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

Tgt Ion: 78 Resp: 21109

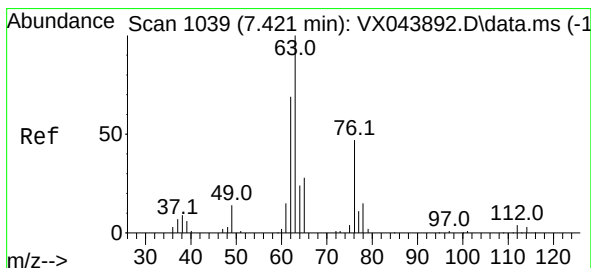
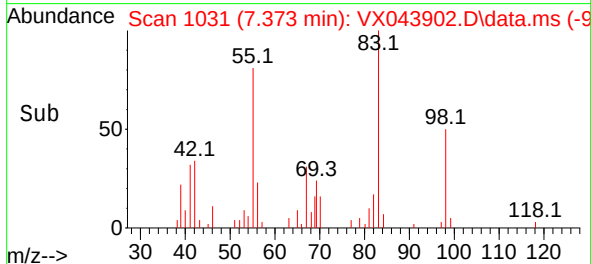
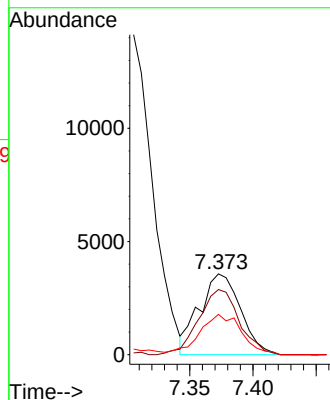
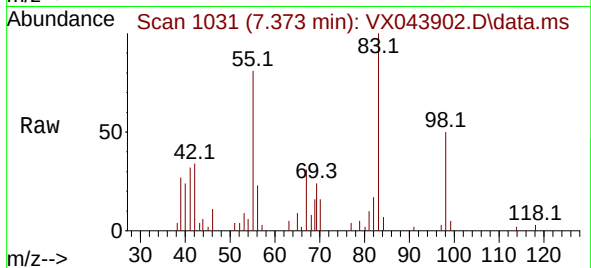




#35
Methylcyclohexane
Concen: 2.818 ug/L
RT: 7.373 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

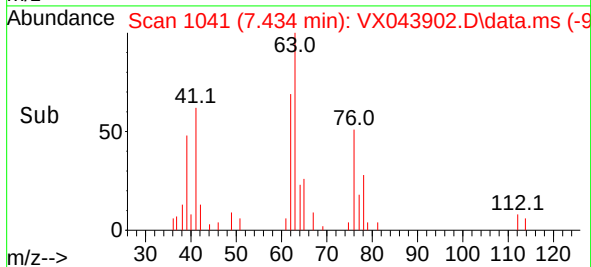
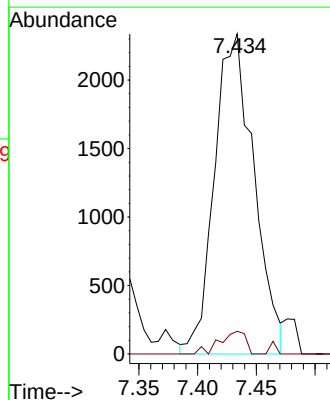
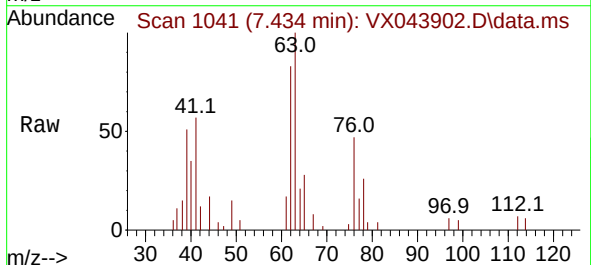
Instrument :
MSVOA_X
ClientSampleId :

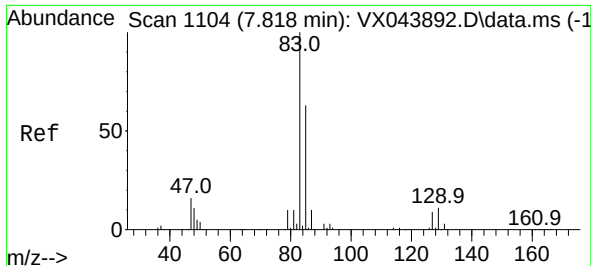
Tgt Ion: 83 Resp: 8058
Ion Ratio Lower Upper
83 100
55 79.3 58.5 87.7
98 50.9 40.5 60.7



#37
1,2-Dichloropropane
Concen: 2.755 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

Tgt Ion: 63 Resp: 5450
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4





#38

Bromodichloromethane

Concen: 2.264 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

ClientSampleId :

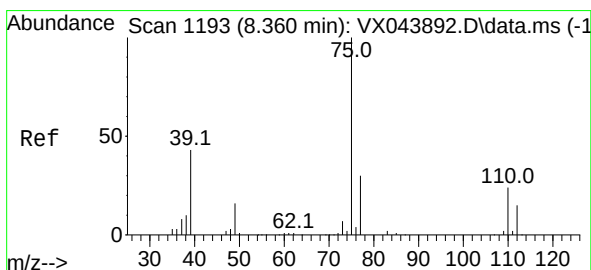
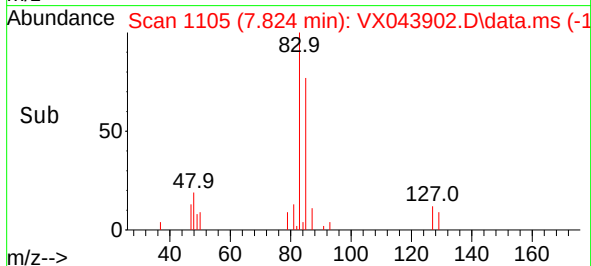
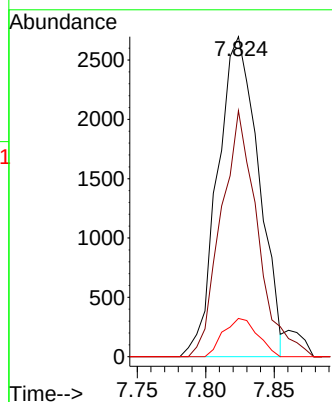
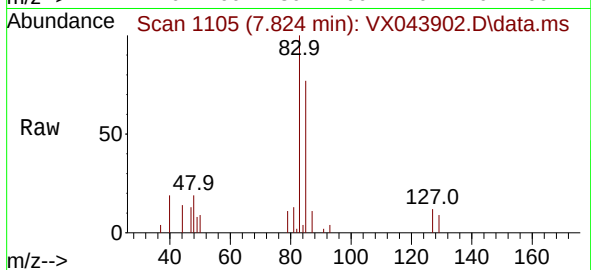
Tgt Ion: 83 Resp: 5617

Ion Ratio Lower Upper

83 100

85 76.8 44.1 81.9

127 11.9 7.0 10.4#



#39

cis-1,3-Dichloropropene

Concen: 2.633 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX043902.D

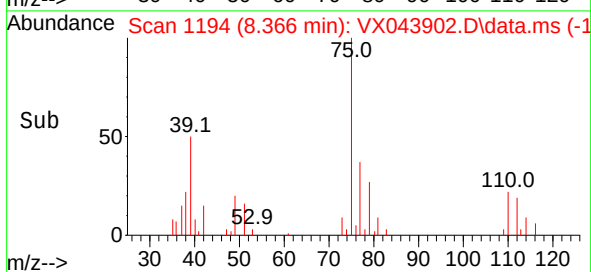
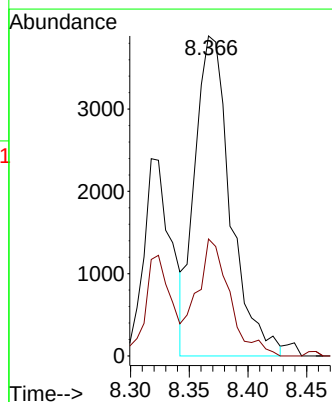
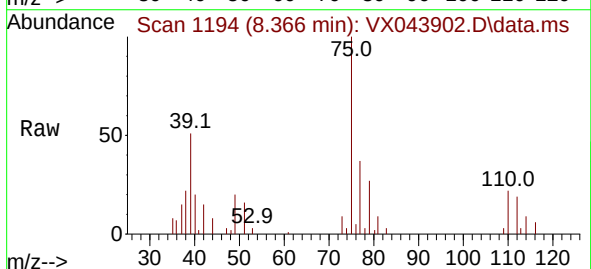
Acq: 19 Nov 2024 15:58

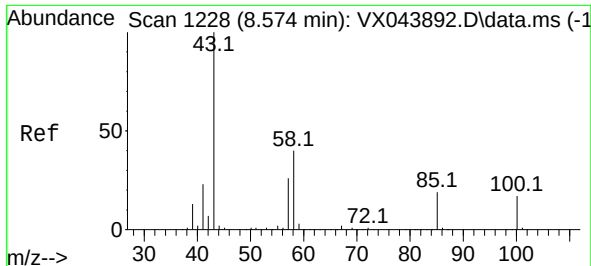
Tgt Ion: 75 Resp: 8206

Ion Ratio Lower Upper

75 100

77 36.6 21.6 40.0





#40

4-Methyl-2-pentanone

Concen: 5.027 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

ClientSampleId :

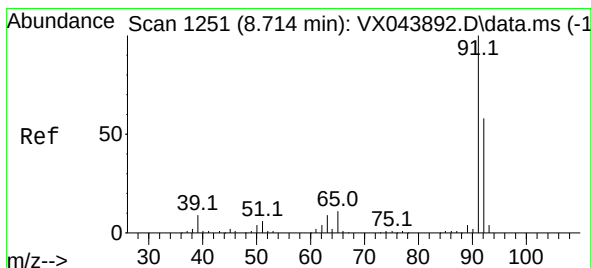
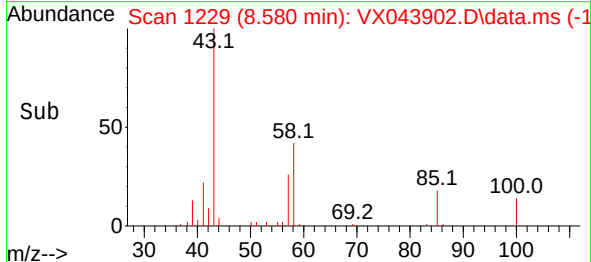
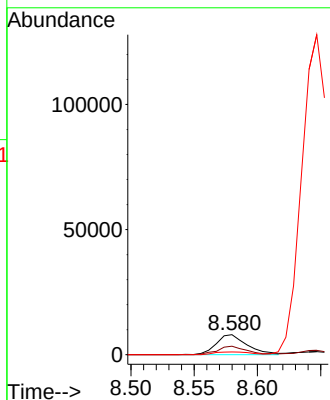
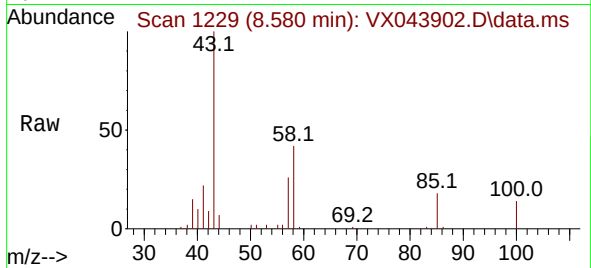
Tgt Ion: 43 Resp: 13613

Ion Ratio Lower Upper

43 100

58 40.8 32.4 48.6

100 15.8 13.7 20.5



#42

Toluene

Concen: 2.265 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043902.D

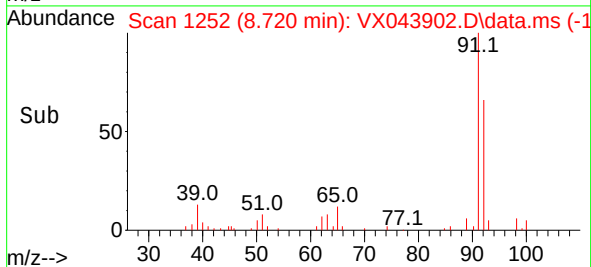
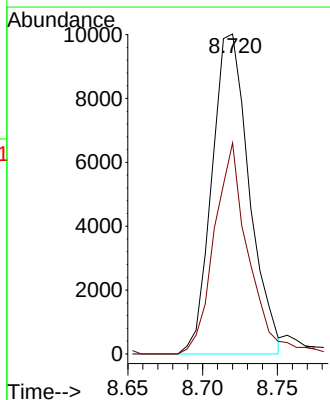
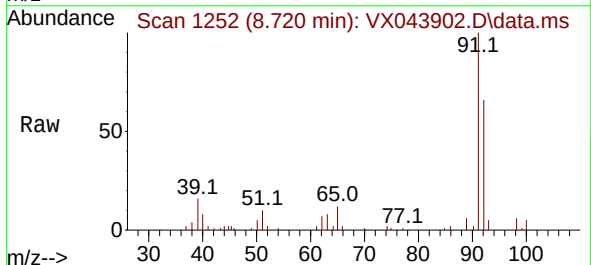
Acq: 19 Nov 2024 15:58

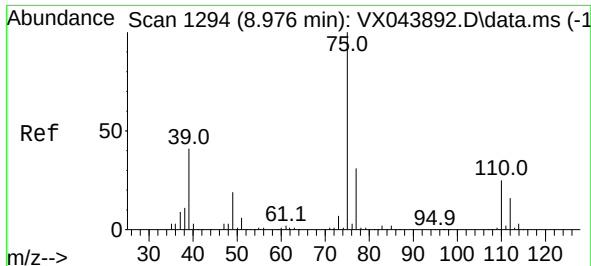
Tgt Ion: 91 Resp: 17399

Ion Ratio Lower Upper

91 100

92 66.0 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 2.350 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

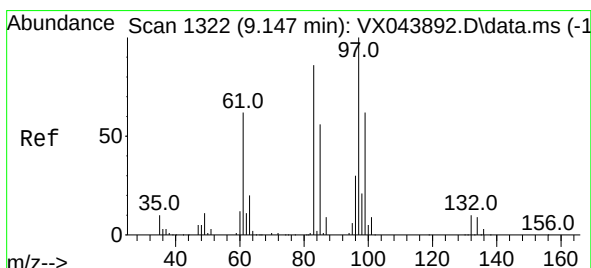
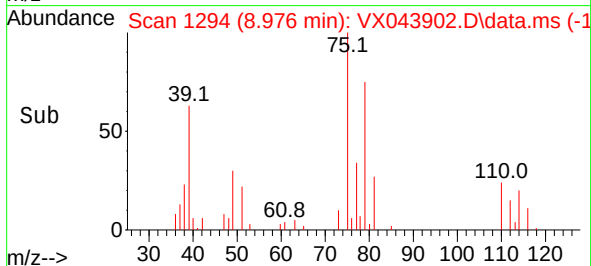
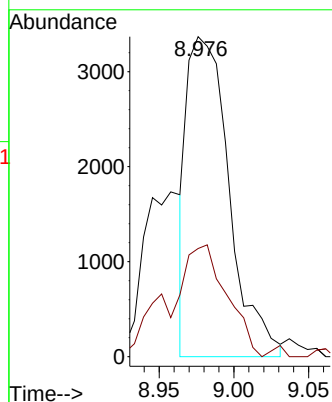
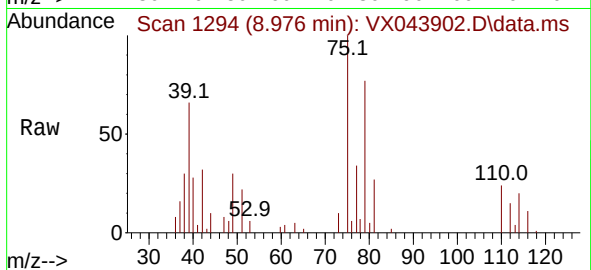
ClientSampleId :

Tgt Ion: 75 Resp: 6584

Ion Ratio Lower Upper

75 100

77 33.8 21.8 40.6



#45

1,1,2-Trichloroethane

Concen: 2.666 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Tgt Ion: 97 Resp: 5185

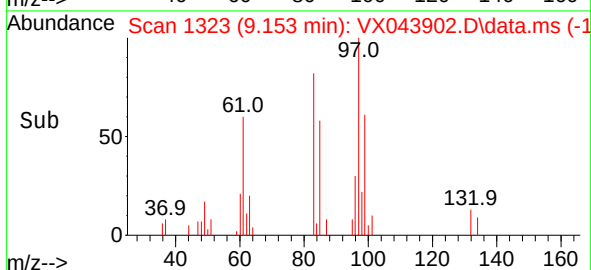
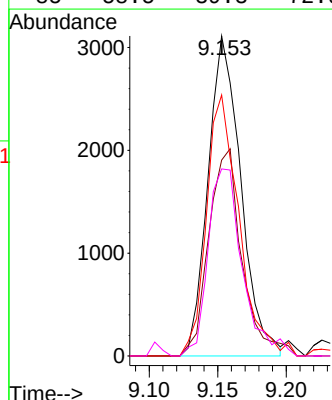
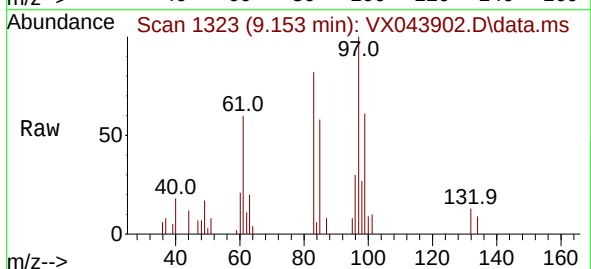
Ion Ratio Lower Upper

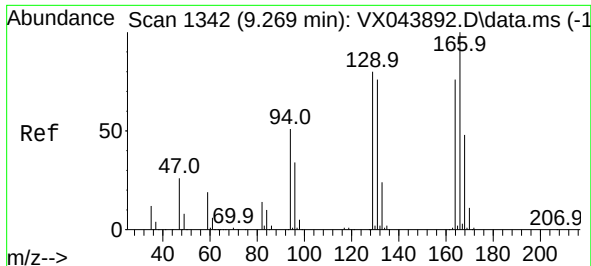
97 100

99 61.2 43.4 80.6

83 81.6 60.2 111.8

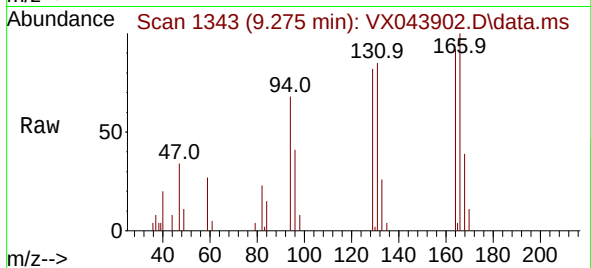
85 58.5 39.3 72.9



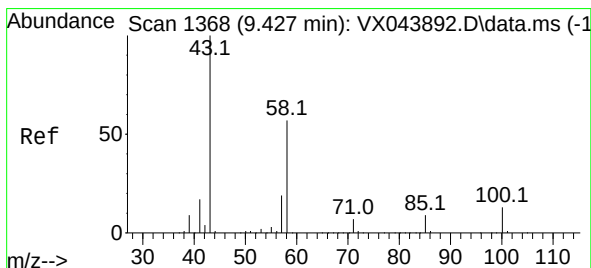
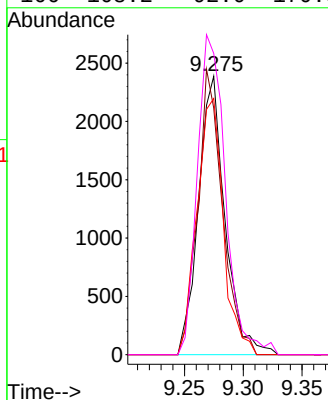
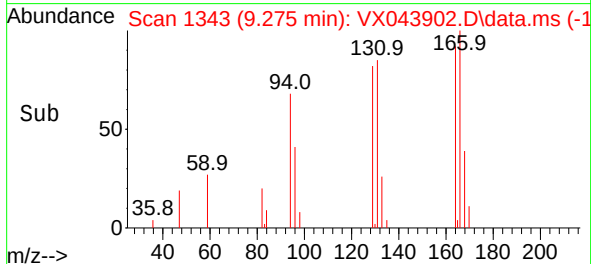


#46
Tetrachloroethene
Concen: 2.761 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

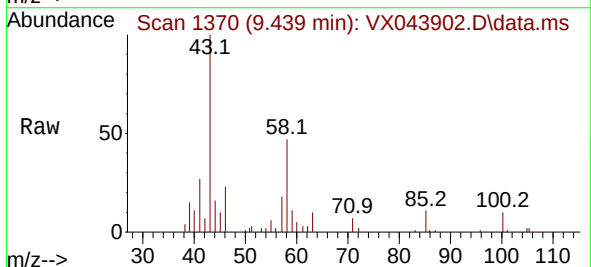
Instrument :
MSVOA_X
ClientSampleId :



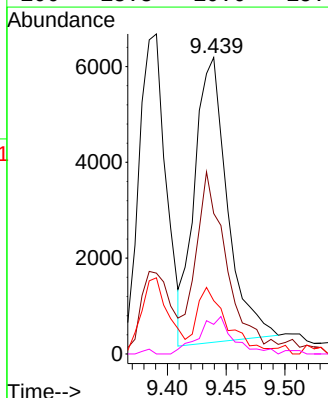
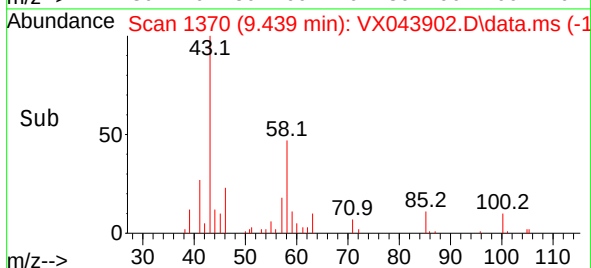
Tgt	Ion:164	Resp:	3763
Ion	Ratio	Lower	Upper
164	100		
129	88.6	73.6	136.6
131	92.0	70.2	130.4
166	108.2	92.0	170.8

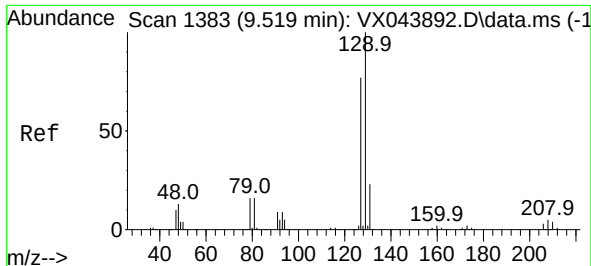


#48
2-Hexanone
Concen: 5.658 ug/L
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58



Tgt	Ion: 43	Resp:	11565
Ion	Ratio	Lower	Upper
43	100		
58	60.5	45.4	68.2
57	11.6	15.4	23.0#
100	13.3	10.6	15.8





#49

Dibromochloromethane

Concen: 2.261 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

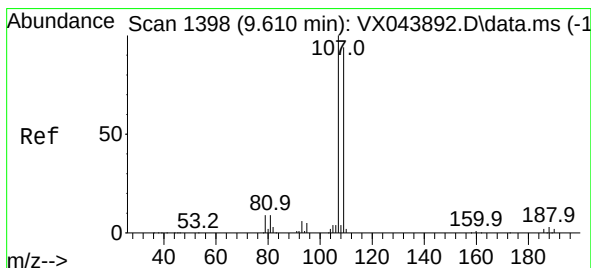
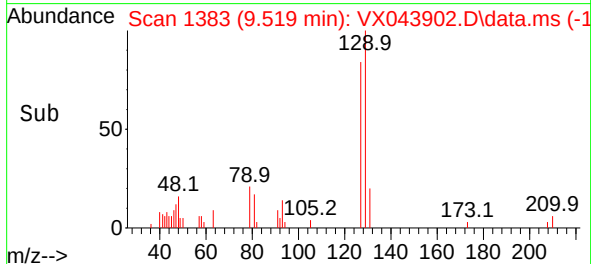
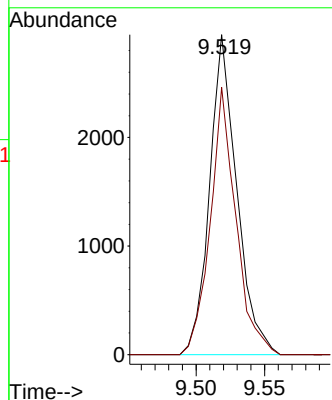
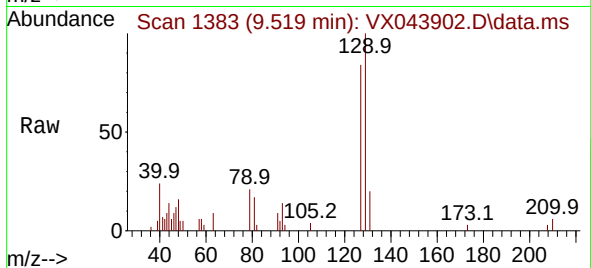
ClientSampleId :

Tgt Ion:129 Resp: 4066

Ion Ratio Lower Upper

129 100

127 83.6 53.5 99.5



#50

1,2-Dibromoethane

Concen: 2.438 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

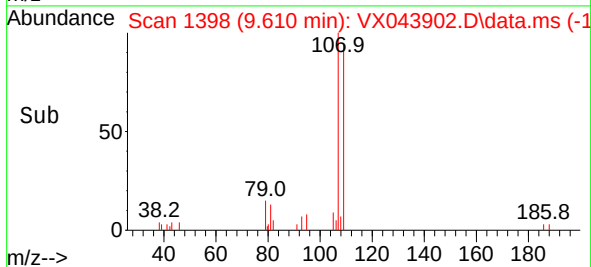
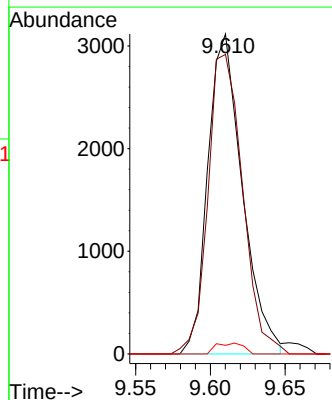
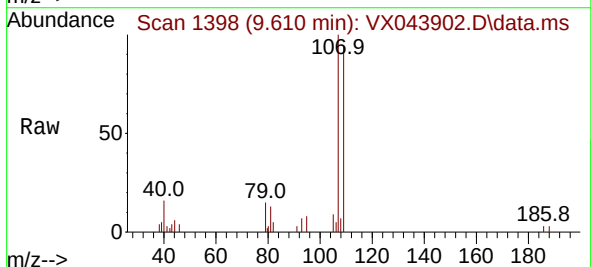
Tgt Ion:107 Resp: 4995

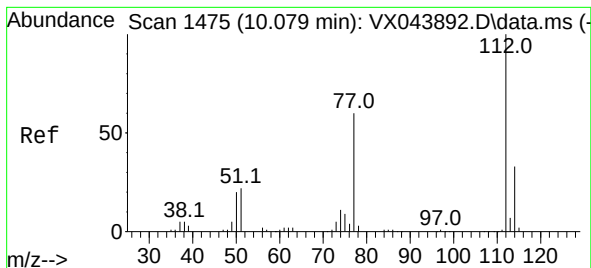
Ion Ratio Lower Upper

107 100

109 93.6 65.5 121.7

188 2.7 2.6 4.0





#51

Chlorobenzene

Concen: 2.372 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043902.D

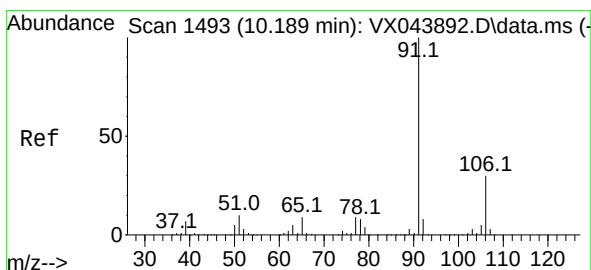
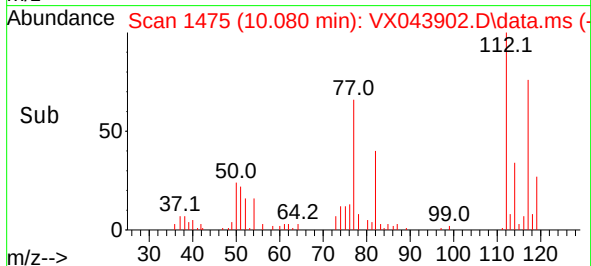
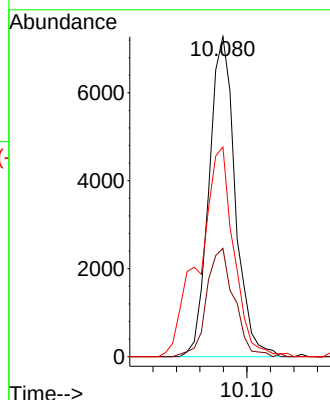
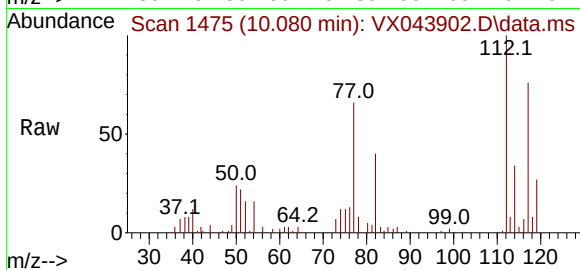
Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	112	Resp:	11301
Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.9	42.5
77	65.5	48.0	72.0



#52

Ethylbenzene

Concen: 2.409 ug/L

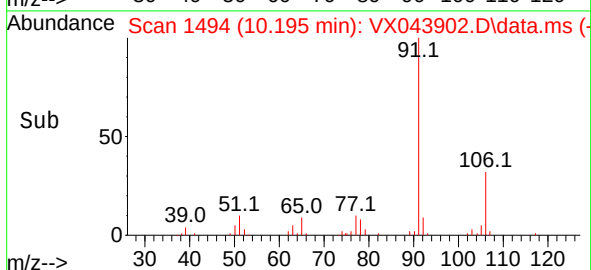
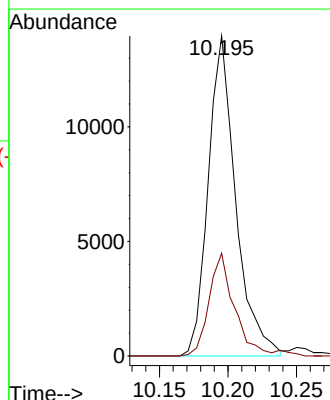
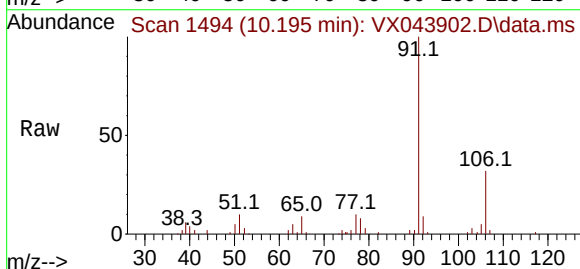
RT: 10.195 min Scan# 1494

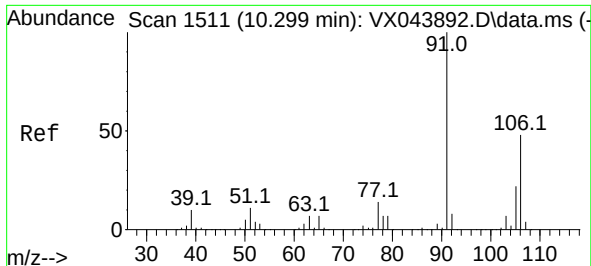
Delta R.T. 0.006 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Tgt Ion:	91	Resp:	19498
Ion	Ratio	Lower	Upper
91	100		
106	32.1	21.1	39.1





#53

m,p-Xylene

Concen: 2.380 ug/L

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

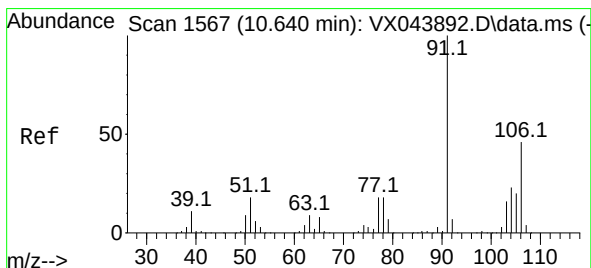
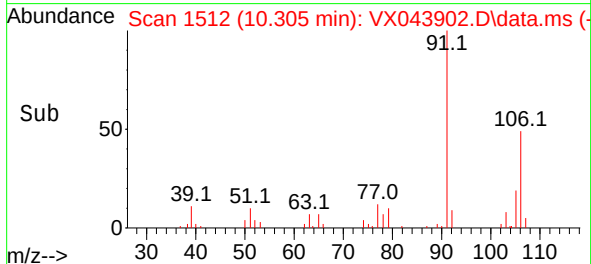
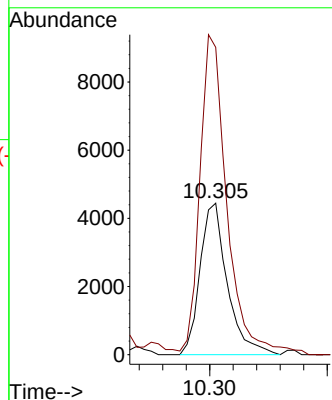
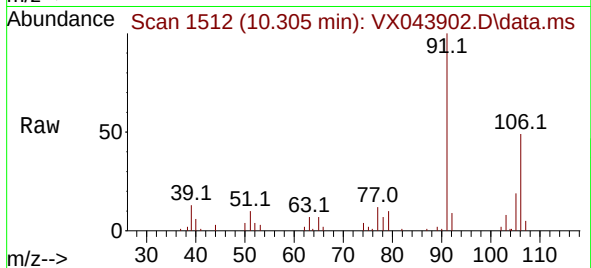
ClientSampleId :

Tgt Ion:106 Resp: 7157

Ion Ratio Lower Upper

106 100

91 202.9 147.5 273.9



#54

o-Xylene

Concen: 2.382 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043902.D

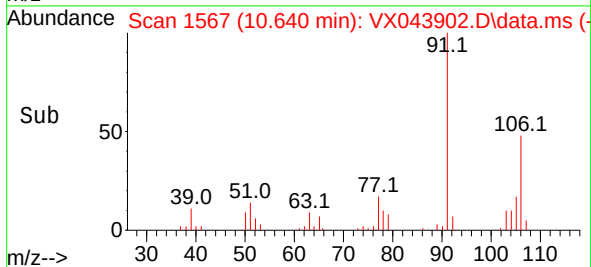
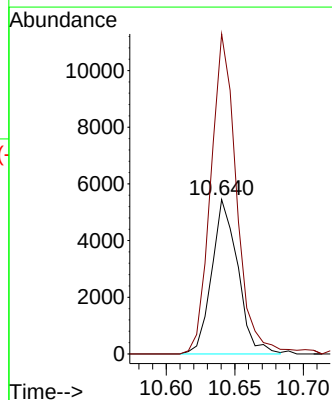
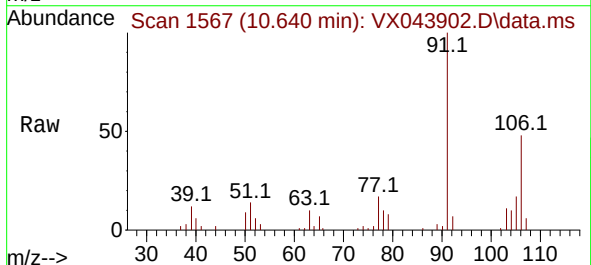
Acq: 19 Nov 2024 15:58

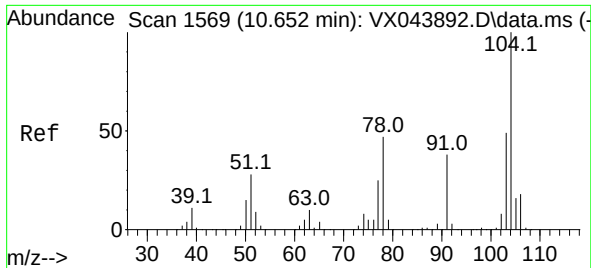
Tgt Ion:106 Resp: 7211

Ion Ratio Lower Upper

106 100

91 207.3 153.7 285.5

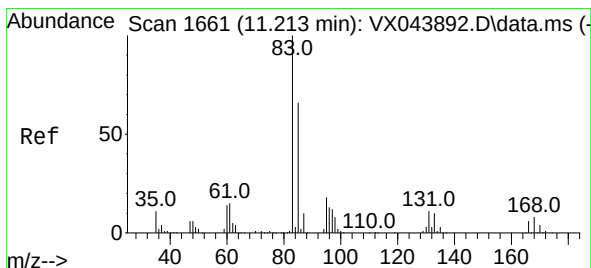
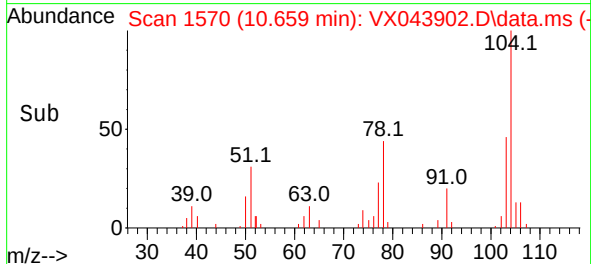
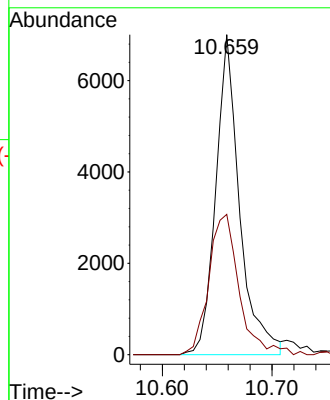
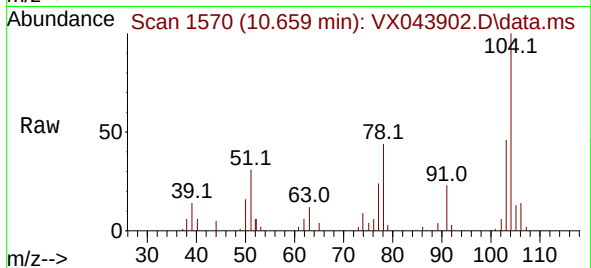




#55
Styrene
Concen: 2.114 ug/L
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

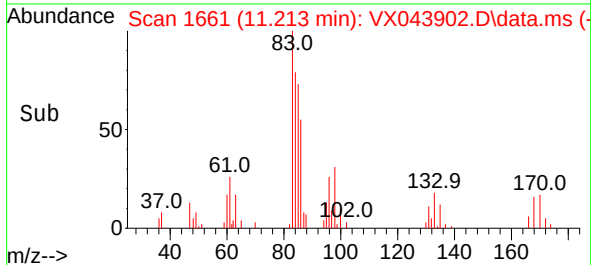
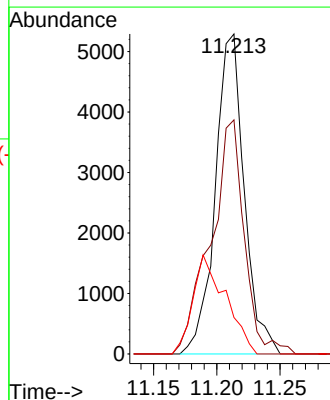
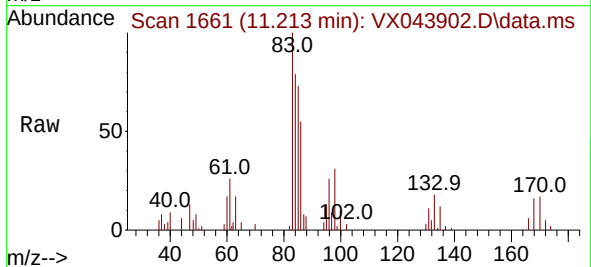
Instrument :
MSVOA_X
ClientSampleId :

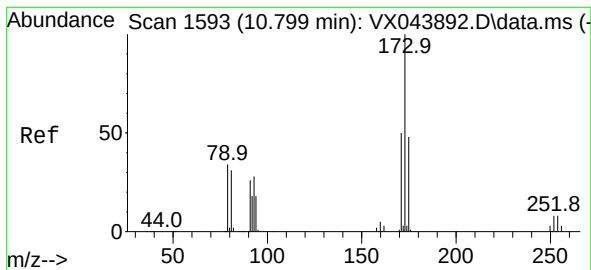
Tgt Ion:104 Resp: 10591
Ion Ratio Lower Upper
104 100
78 43.8 32.8 60.8



#57
1,1,2,2-Tetrachloroethane
Concen: 2.889 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

Tgt Ion: 83 Resp: 8412
Ion Ratio Lower Upper
83 100
85 73.1 46.0 85.4
131 11.4 8.8 13.2





#59

Bromoform

Concen: 2.013 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

ClientSampleId :

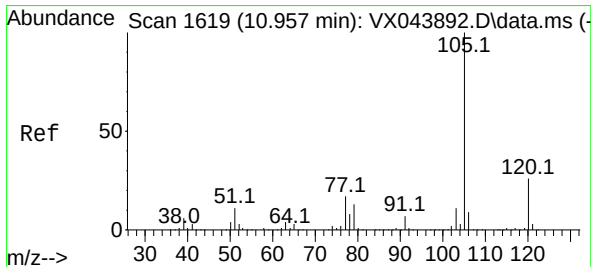
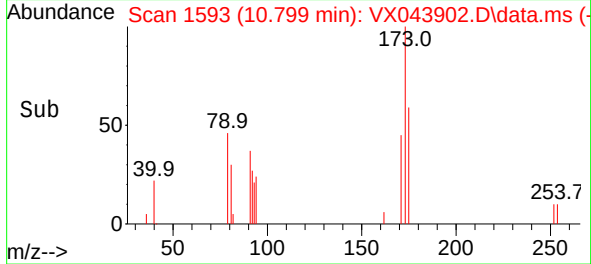
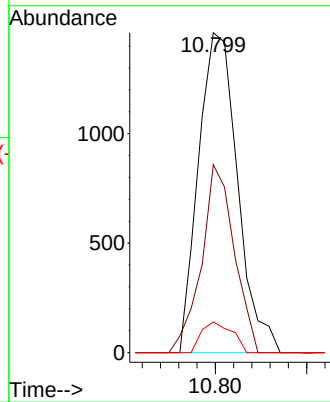
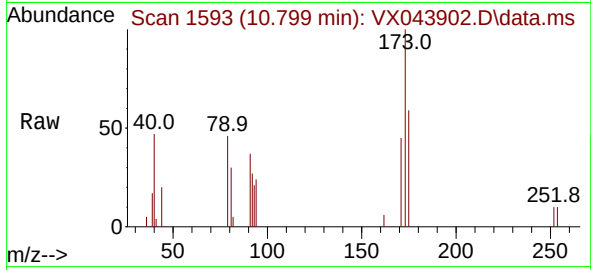
Tgt Ion:173 Resp: 2173

Ion Ratio Lower Upper

173 100

175 49.2 40.0 60.0

254 7.5 6.3 9.5



#60

Isopropylbenzene

Concen: 2.309 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

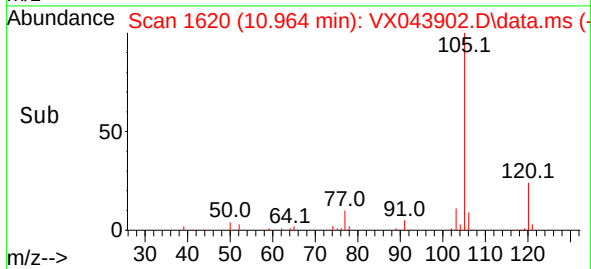
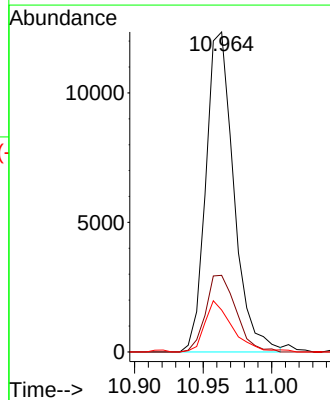
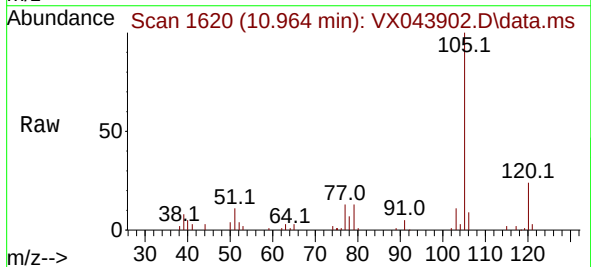
Tgt Ion:105 Resp: 17531

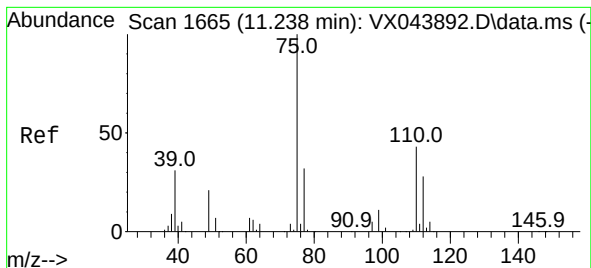
Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 15.5 13.4 20.0





#61

1,2,3-Trichloropropane

Concen: 2.545 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

ClientSampleId :

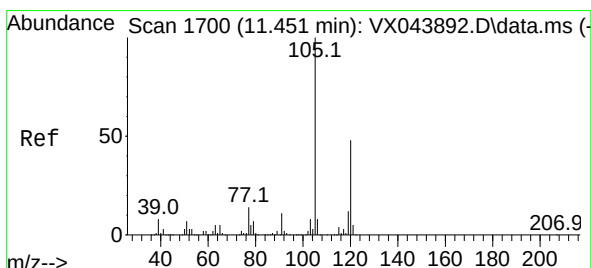
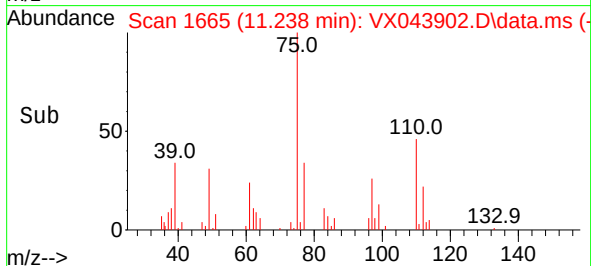
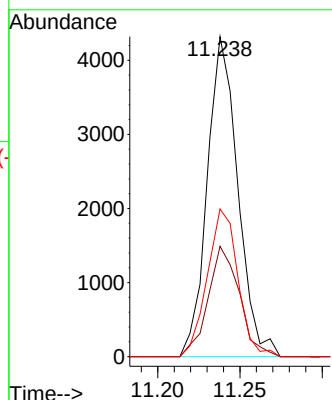
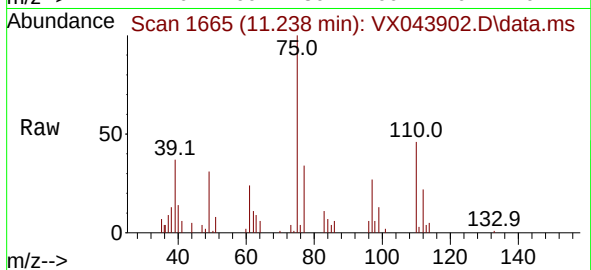
Tgt Ion: 75 Resp: 5586

Ion Ratio Lower Upper

75 100

77 35.2 25.8 38.6

110 46.3 33.3 49.9



#62

1,3,5-Trimethylbenzene

Concen: 2.342 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043902.D

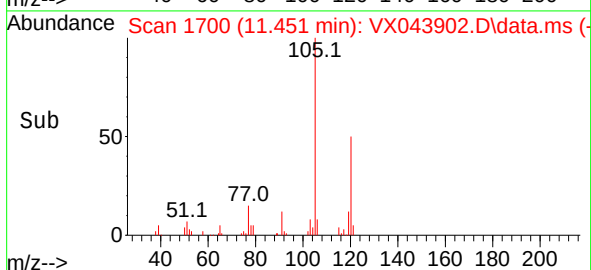
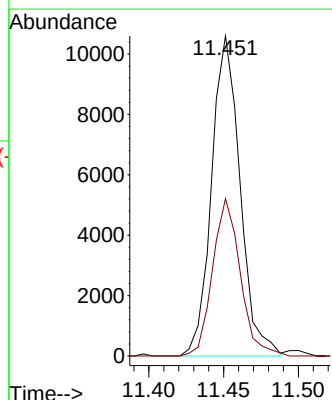
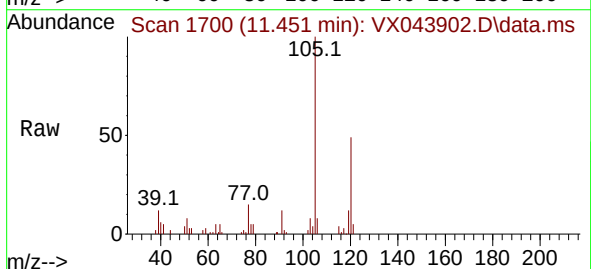
Acq: 19 Nov 2024 15:58

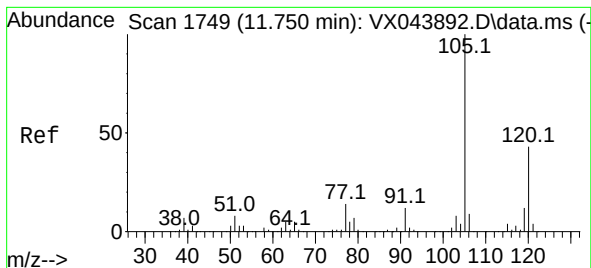
Tgt Ion:105 Resp: 14047

Ion Ratio Lower Upper

105 100

120 47.6 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 2.190 ug/L

RT: 11.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

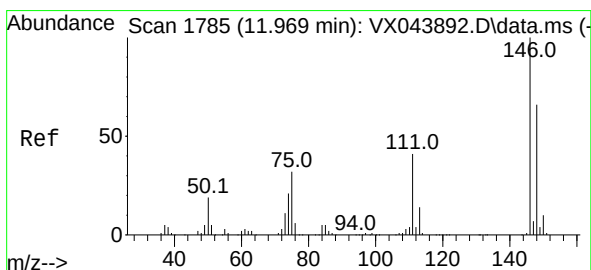
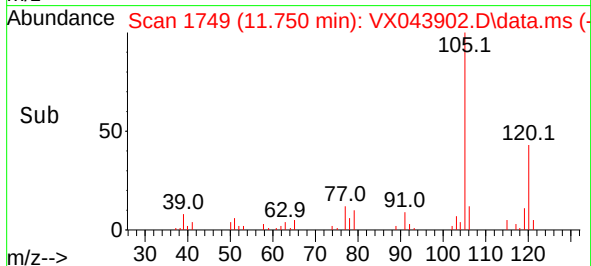
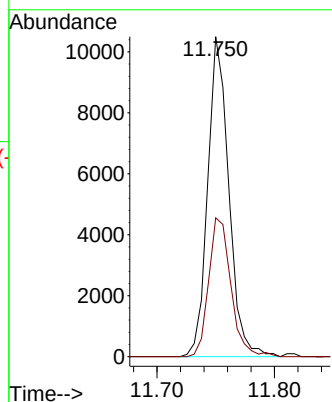
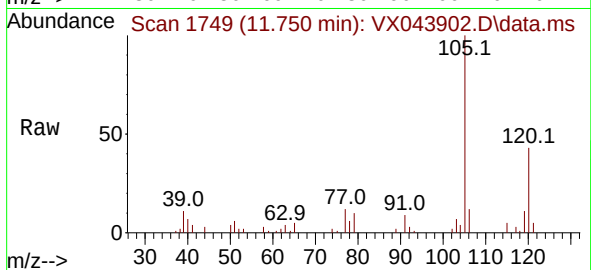
ClientSampleId :

Tgt Ion:105 Resp: 13098

Ion Ratio Lower Upper

105 100

120 45.2 34.5 51.7



#64

1,3-Dichlorobenzene

Concen: 2.432 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

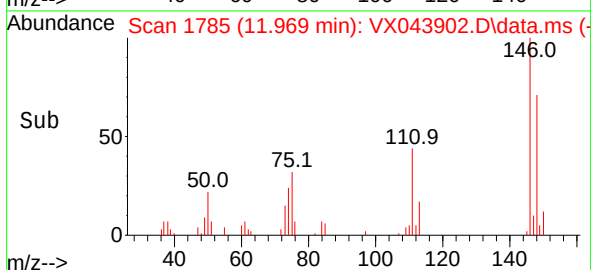
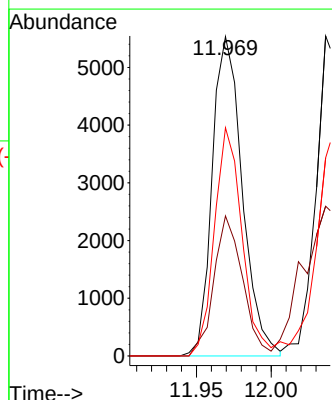
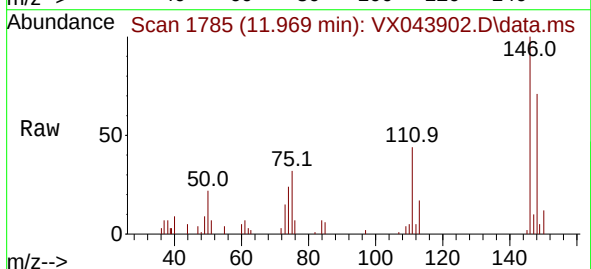
Tgt Ion:146 Resp: 7745

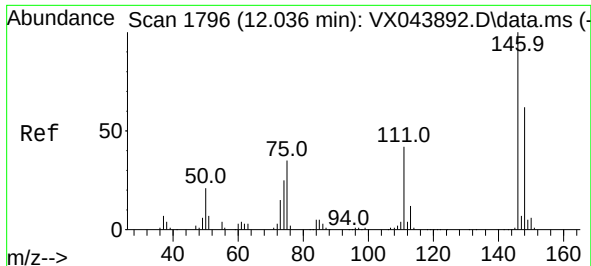
Ion Ratio Lower Upper

146 100

111 43.9 28.8 53.4

148 71.5 46.1 85.5





#65

1,4-Dichlorobenzene

Concen: 2.494 ug/L

RT: 12.036 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

ClientSampleId :

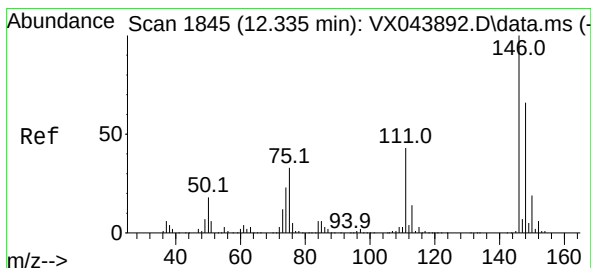
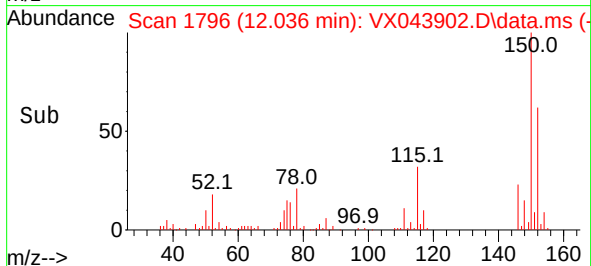
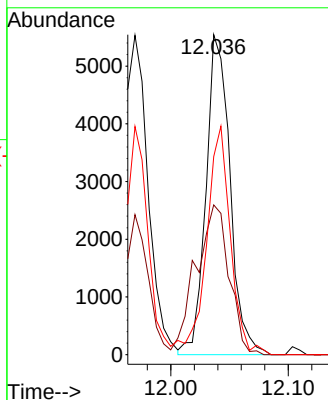
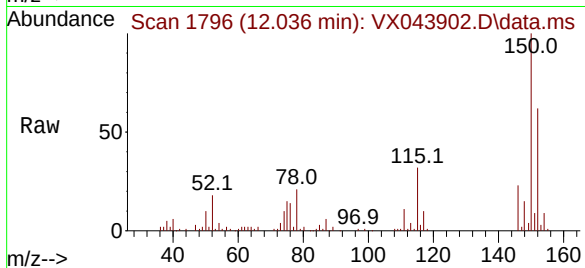
Tgt Ion:146 Resp: 7887

Ion Ratio Lower Upper

146 100

111 46.8 29.5 54.7

148 61.9 43.2 80.2



#67

1,2-Dichlorobenzene

Concen: 2.641 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

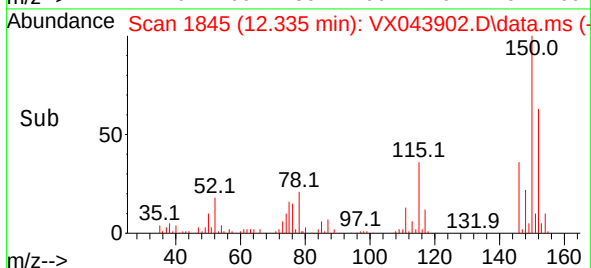
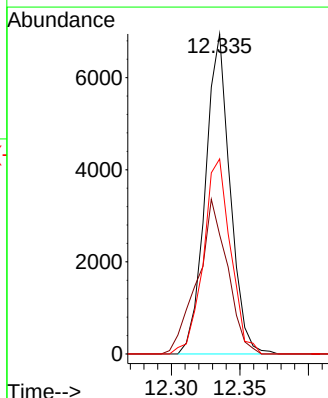
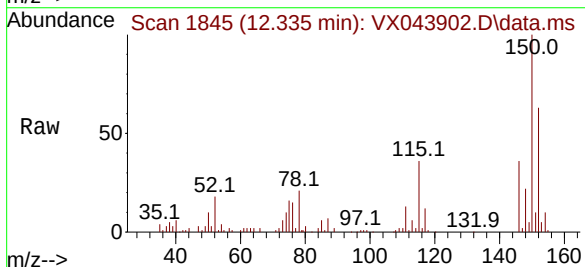
Tgt Ion:146 Resp: 8708

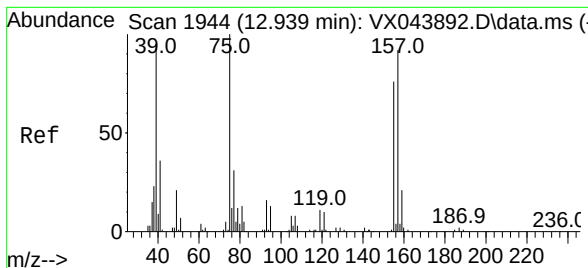
Ion Ratio Lower Upper

146 100

111 37.3 34.3 51.5

148 61.0 52.6 79.0

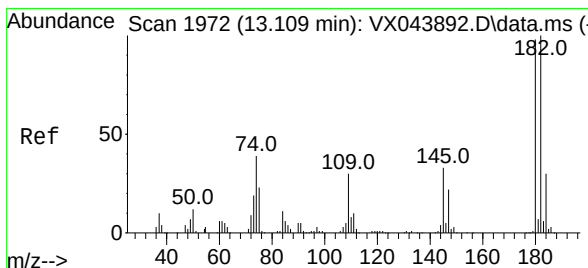
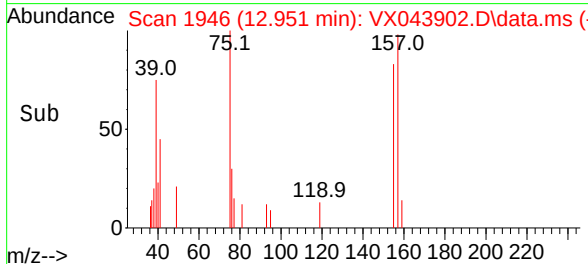
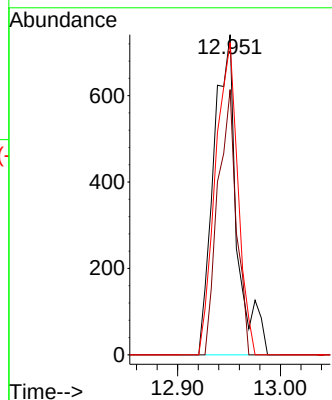
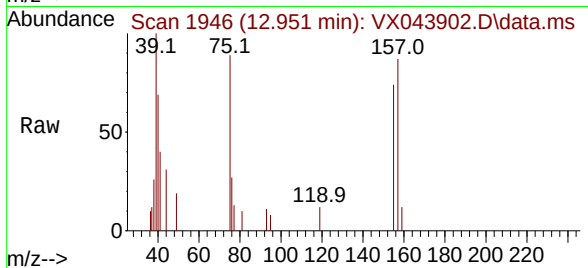




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.103 ug/L
 RT: 12.951 min Scan# 1946
 Delta R.T. 0.012 min
 Lab File: VX043902.D
 Acq: 19 Nov 2024 15:58

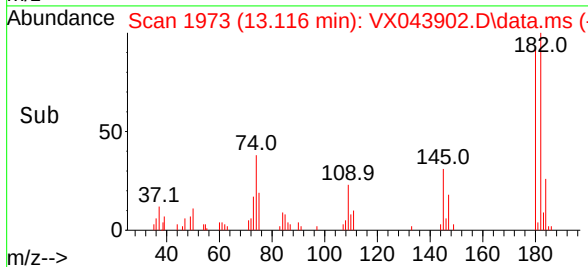
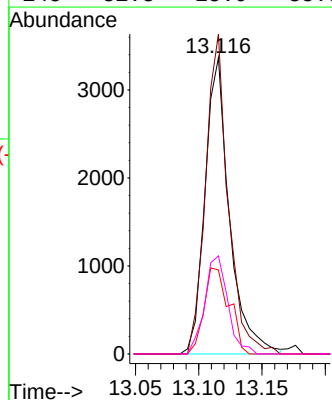
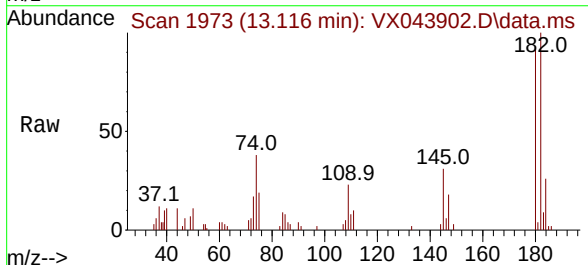
Instrument :
 MSVOA_X
 ClientSampleId :

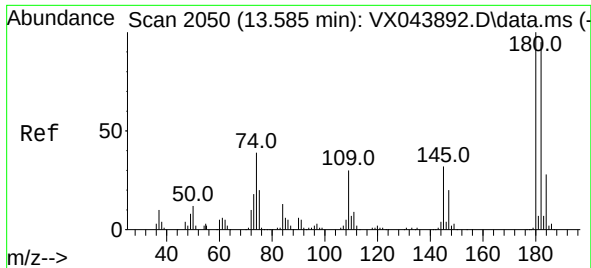
Tgt Ion: 75 Resp: 1155
 Ion Ratio Lower Upper
 75 100
 155 82.9 60.5 90.7
 157 97.6 73.5 110.3



#69
 1,3,5-Trichlorobenzene
 Concen: 2.205 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.006 min
 Lab File: VX043902.D
 Acq: 19 Nov 2024 15:58

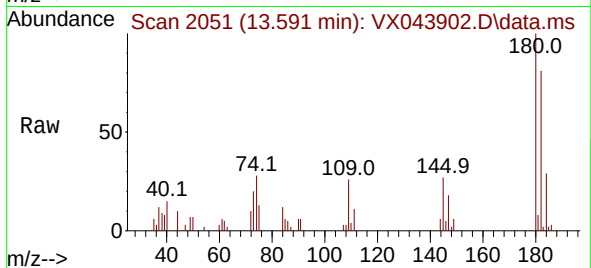
Tgt Ion:180 Resp: 4531
 Ion Ratio Lower Upper
 180 100
 182 99.7 76.7 115.1
 184 29.8 24.2 36.4
 145 31.3 25.9 38.9



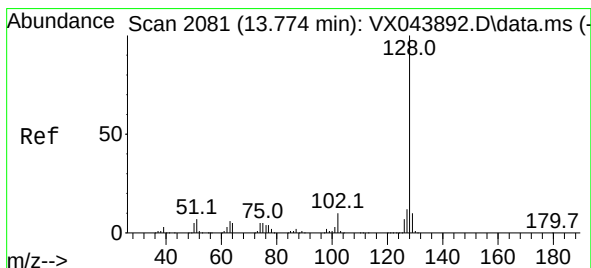
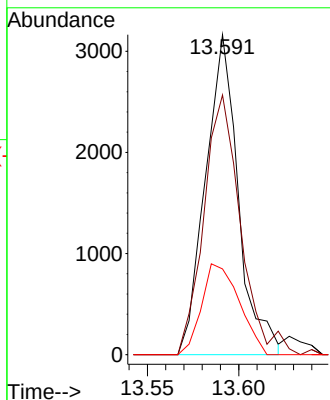
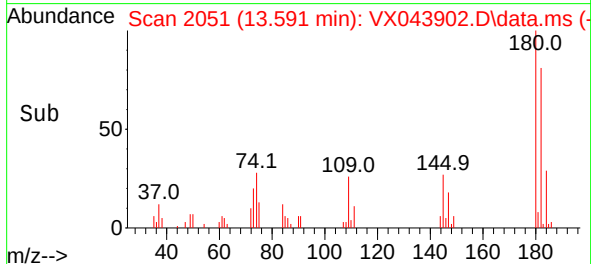


#70
1,2,4-trichlorobenzene
Concen: 2.087 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58

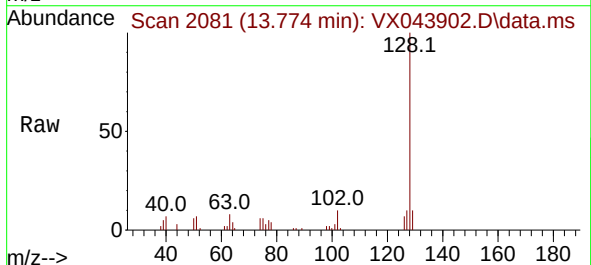
Instrument :
MSVOA_X
ClientSampleId :



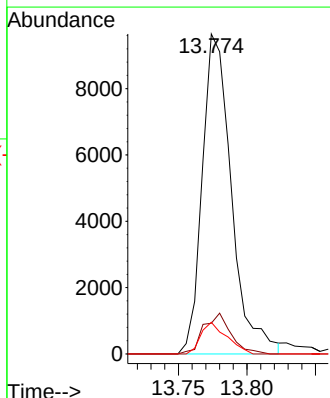
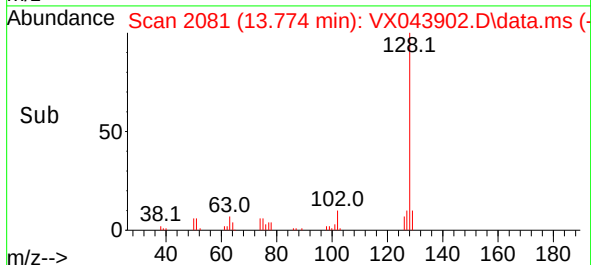
Tgt Ion:180 Resp: 3954
Ion Ratio Lower Upper
180 100
182 87.5 74.1 111.1
145 32.5 25.3 37.9

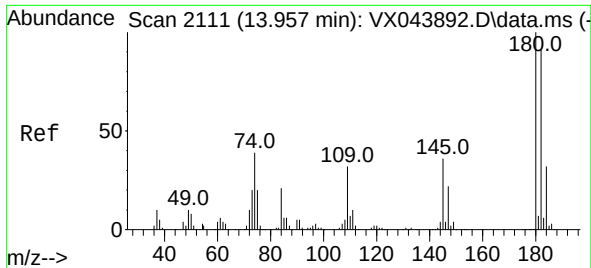


#71
Naphthalene
Concen: 2.030 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043902.D
Acq: 19 Nov 2024 15:58



Tgt Ion:128 Resp: 14307
Ion Ratio Lower Upper
128 100
127 11.9 10.1 15.1
129 8.8 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 2.116 ug/L

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

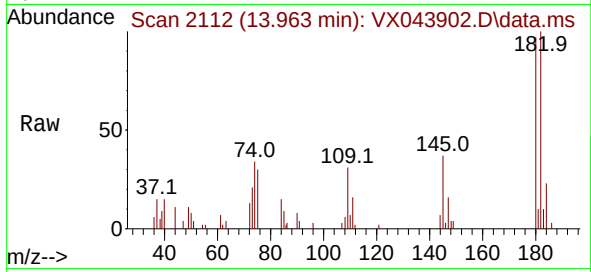
Lab File: VX043902.D

Acq: 19 Nov 2024 15:58

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 4041

Ion Ratio Lower Upper

180 100

182 101.2 73.8 110.6

145 33.7 27.4 41.2

