

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043962.D
 Acq On : 22 Nov 2024 16:06
 Operator : JC/MD
 Sample : P4846-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 22:24:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

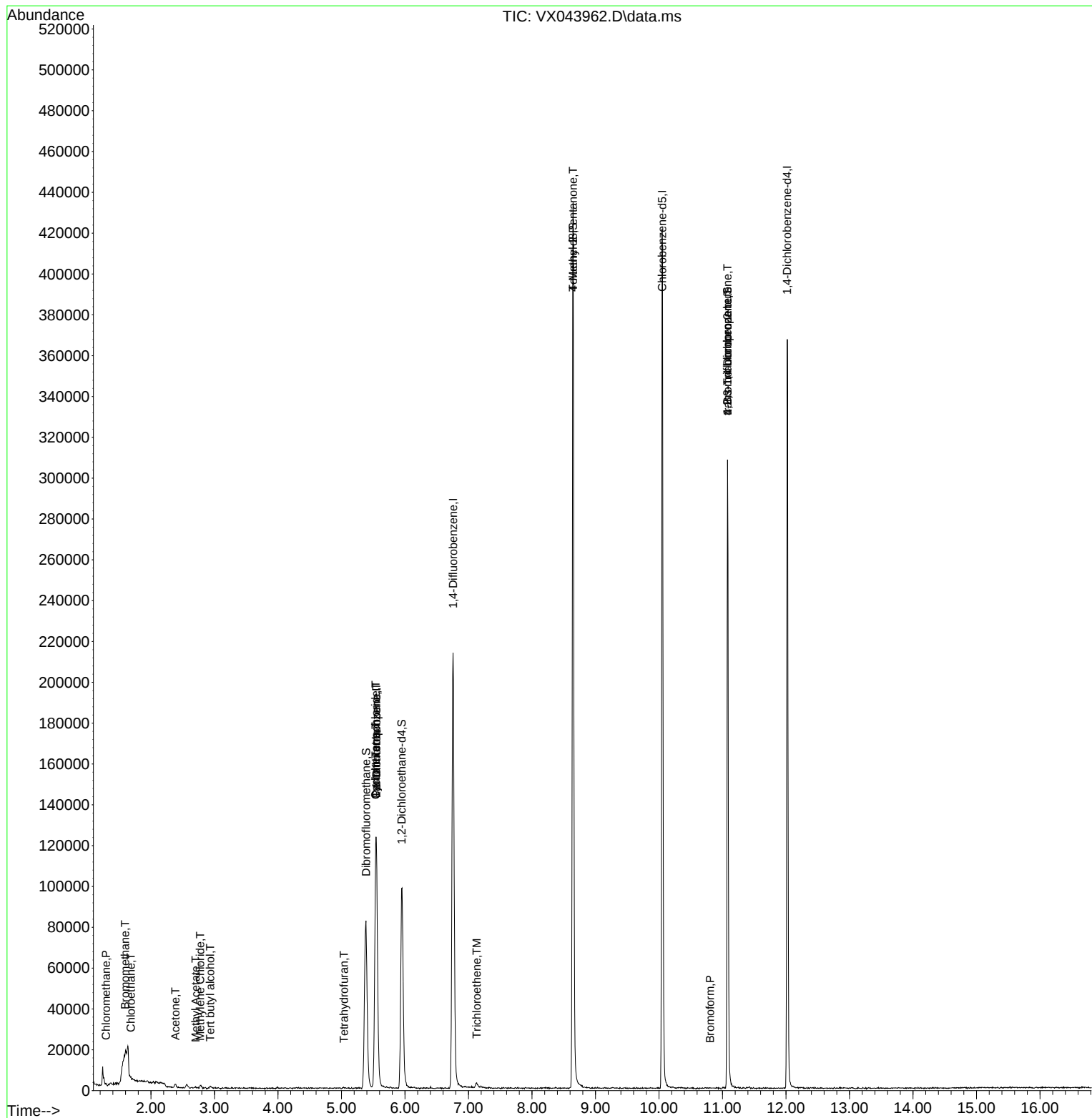
Internal Standards						
1) Pentafluorobenzene	5.550	168	110127	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	211509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	181808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96444	51.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.120%
35) Dibromofluoromethane	5.385	113	71579	47.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	8.647	98	259674	49.844	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	11.079	95	81701	46.080	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	395	0.269	ug/l #	81
5) Bromomethane	1.593	94	281	0.293	ug/l #	45
6) Chloroethane	1.685	64	232	0.244	ug/l #	42
11) Tert butyl alcohol	2.935	59	307	1.013	ug/l #	73
16) Acetone	2.386	43	1923	2.217	ug/l	100
18) Methyl Acetate	2.703	43	899	0.445	ug/l #	57
20) Methylene Chloride	2.776	84	584	0.397	ug/l #	85
29) Tetrahydrofuran	5.038	42	308	0.449	ug/l #	38
31) Cyclohexane	5.538	56	3226	1.532	ug/l #	57
36) 1,1-Dichloropropene	5.550	75	10143	5.386	ug/l #	41
38) Carbon Tetrachloride	5.538	117	12910	6.101	ug/l #	16
44) Trichloroethene	7.129	130	990	0.596	ug/l	83
51) 4-Methyl-2-Pentanone	8.647	43	1554	0.684	ug/l #	1
71) Bromoform	10.805	173	20	1.225	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	46901	30.482	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	46901	83.177	ug/l #	6

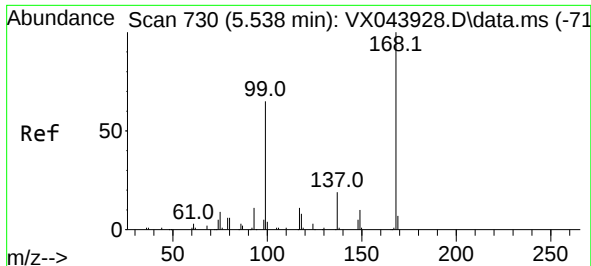
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Nov 22 22:24:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

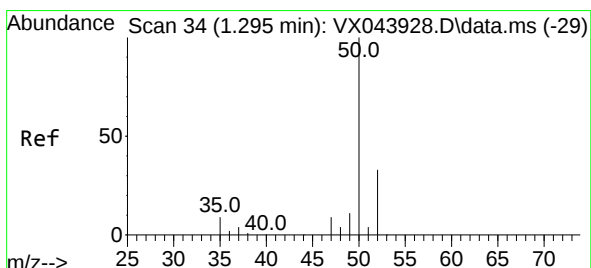
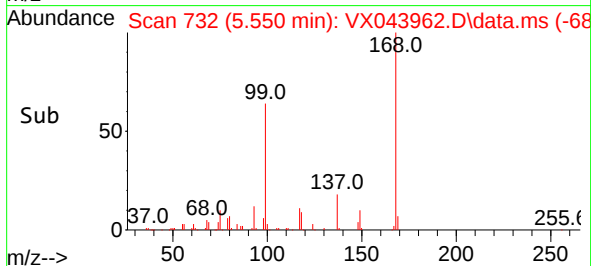
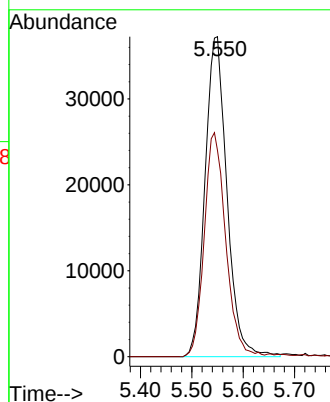
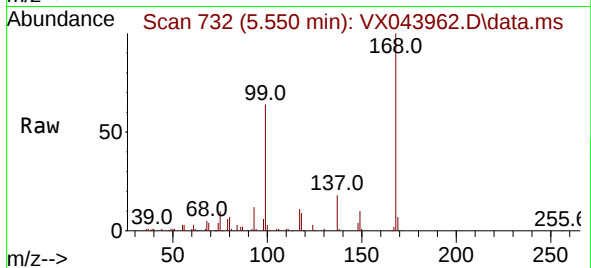




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

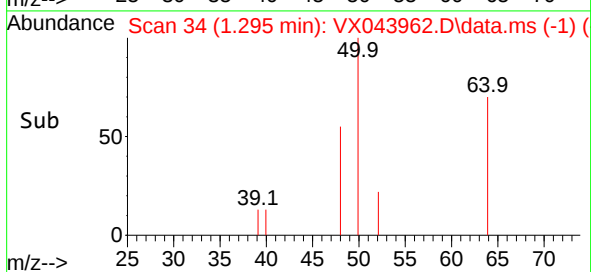
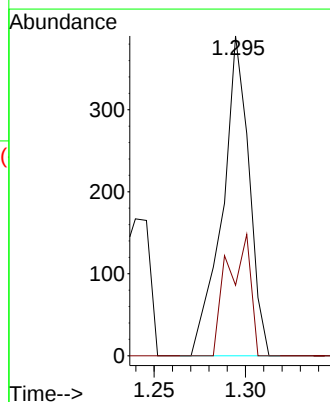
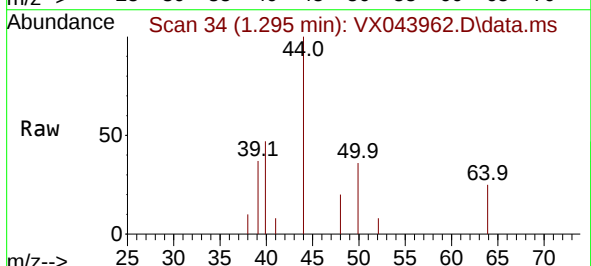
Instrument :
MSVOA_X
ClientSampleId :

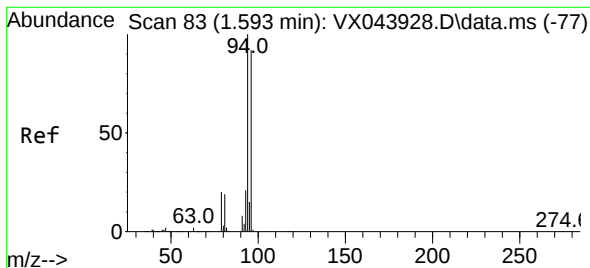
Tgt Ion:168 Resp: 110127
Ion Ratio Lower Upper
168 100
99 64.5 51.8 77.8



#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

Tgt Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 22.1 26.1 39.1#





#5

Bromomethane

Concen: 0.293 ug/l

RT: 1.593 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX043962.D

Acq: 22 Nov 2024 16:06

Instrument :

MSVOA_X

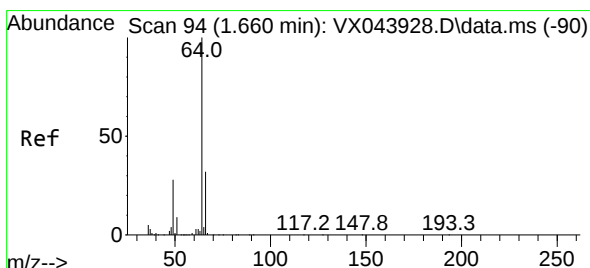
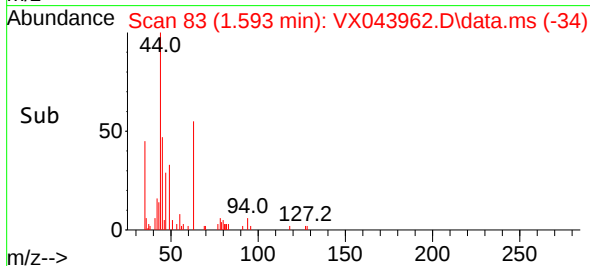
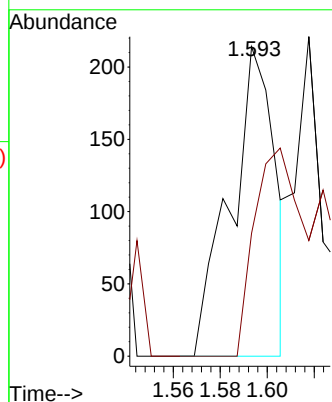
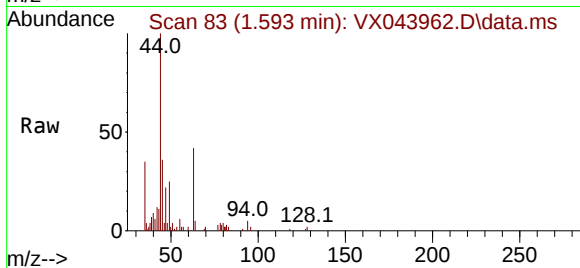
ClientSampleId :

Tgt Ion: 94 Resp: 281

Ion Ratio Lower Upper

94 100

96 39.7 73.9 110.9#



#6

Chloroethane

Concen: 0.244 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.024 min

Lab File: VX043962.D

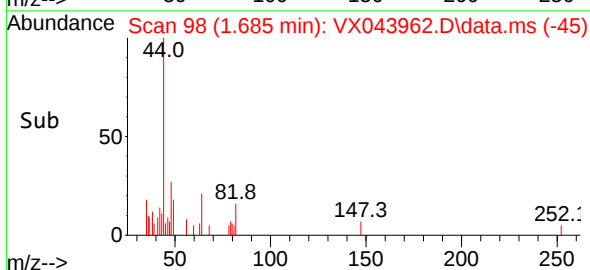
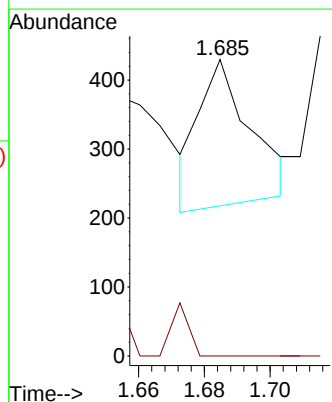
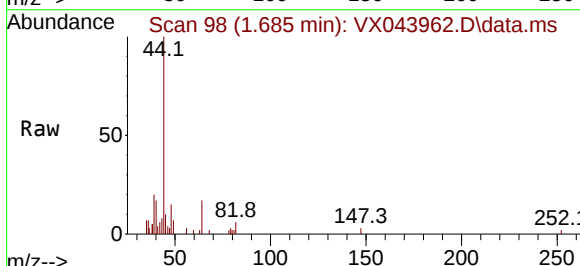
Acq: 22 Nov 2024 16:06

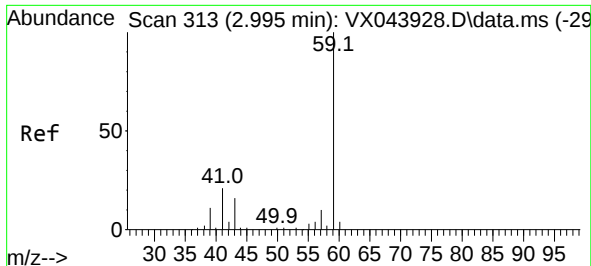
Tgt Ion: 64 Resp: 232

Ion Ratio Lower Upper

64 100

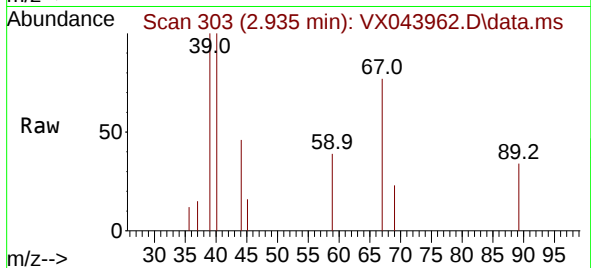
66 0.0 25.9 38.9#



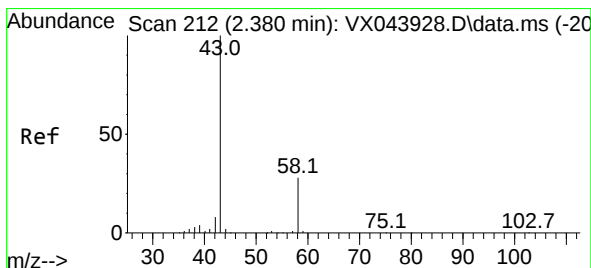
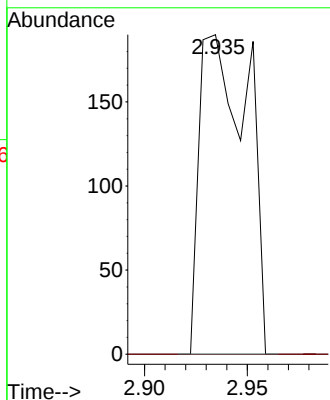
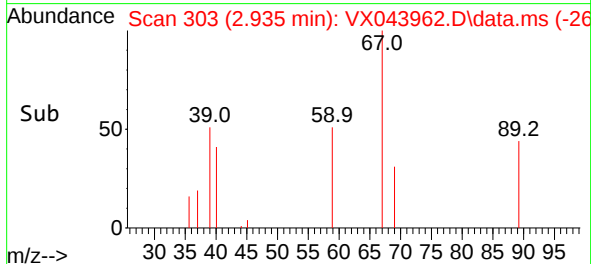


#11
Tert butyl alcohol
Concen: 1.013 ug/l
RT: 2.935 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

Instrument :
MSVOA_X
ClientSampleId :

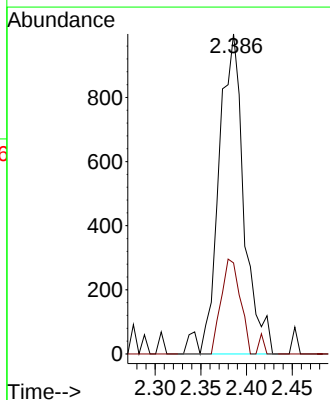
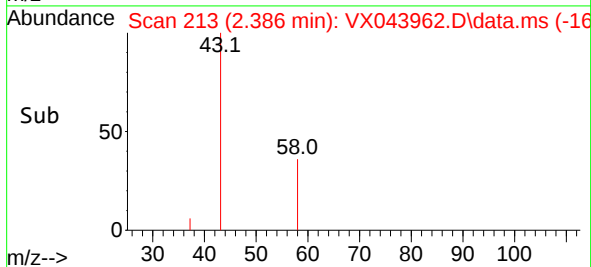
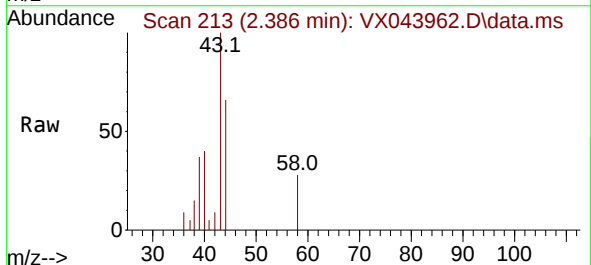


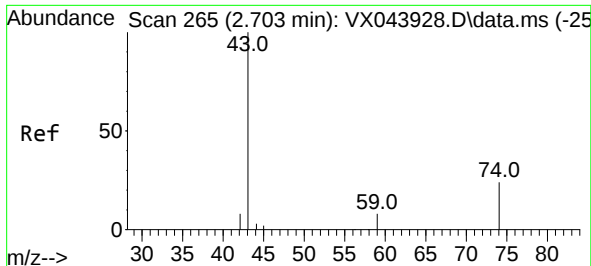
Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 2.217 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

Tgt Ion: 43 Resp: 1923
Ion Ratio Lower Upper
43 100
58 28.5 22.7 34.1

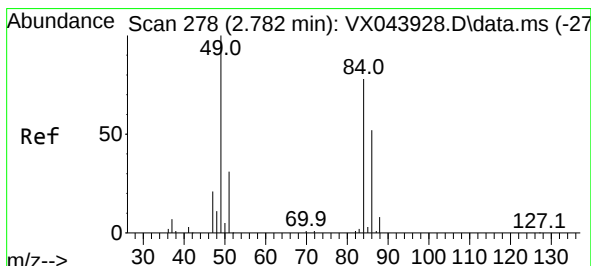
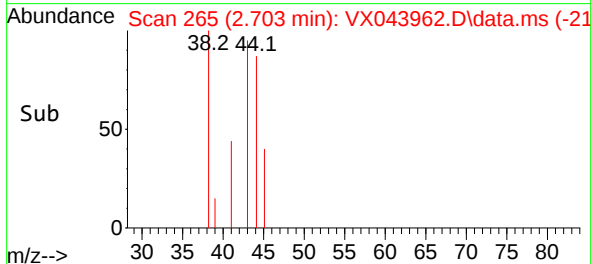
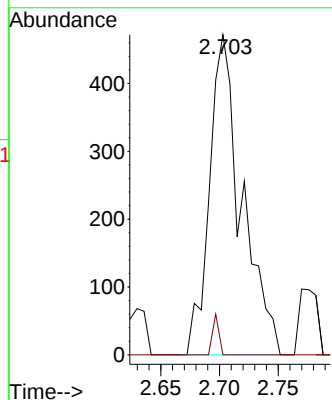
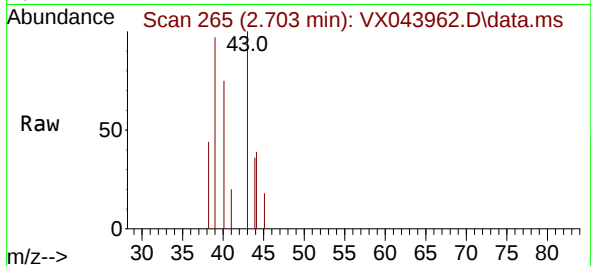




#18
Methyl Acetate
Concen: 0.445 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

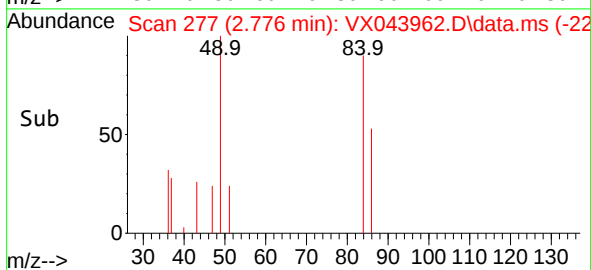
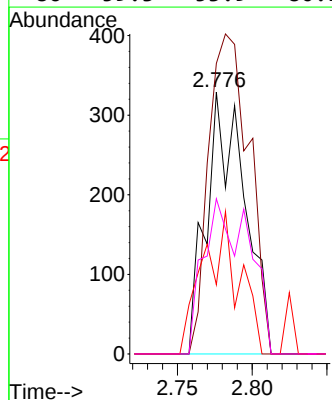
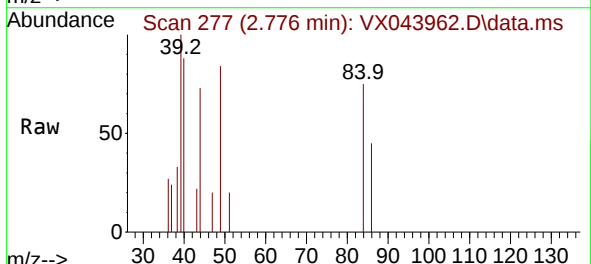
Instrument :
MSVOA_X
ClientSampleId :

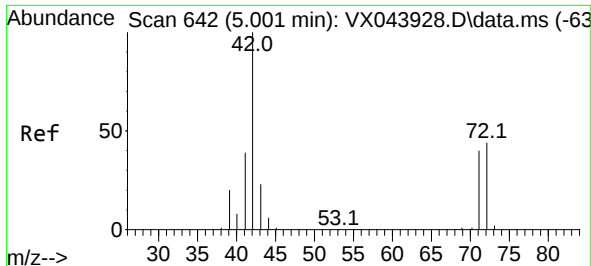
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
74 2.4 18.9 28.3#



#20
Methylene Chloride
Concen: 0.397 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

Tgt Ion: 84 Resp: 584
Ion Ratio Lower Upper
84 100
49 110.9 102.7 154.1
51 26.4 31.7 47.5#
86 59.3 53.9 80.9





#29

Tetrahydrofuran

Concen: 0.449 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX043962.D

Acq: 22 Nov 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

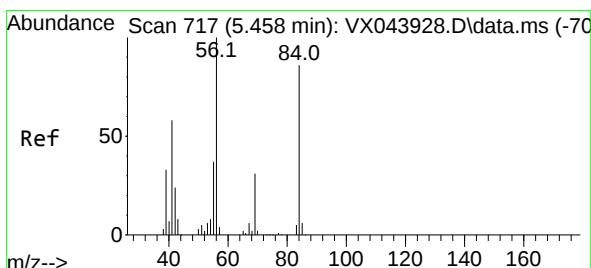
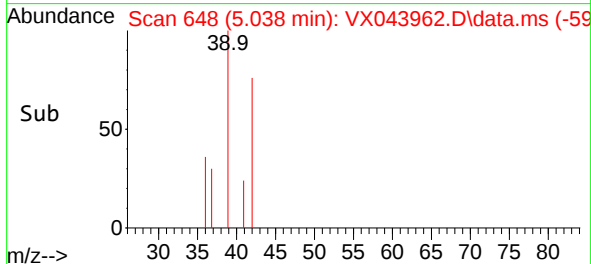
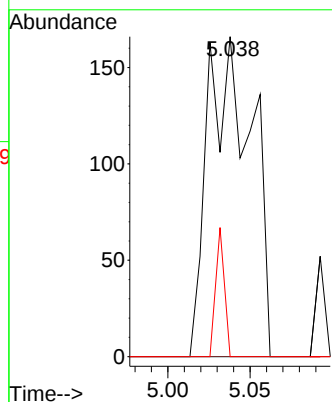
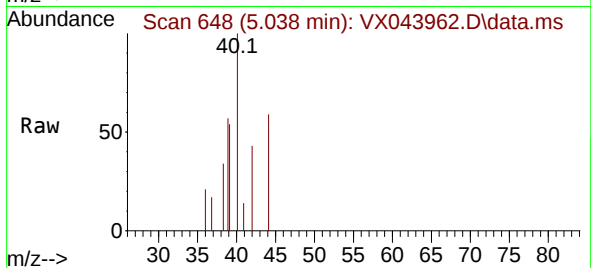
Tgt Ion: 42 Resp: 308

Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

71 8.1 33.4 50.0#



#31

Cyclohexane

Concen: 1.532 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX043962.D

Acq: 22 Nov 2024 16:06

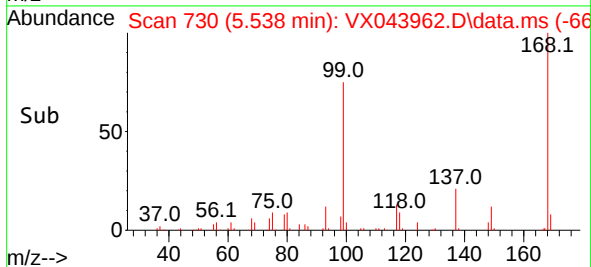
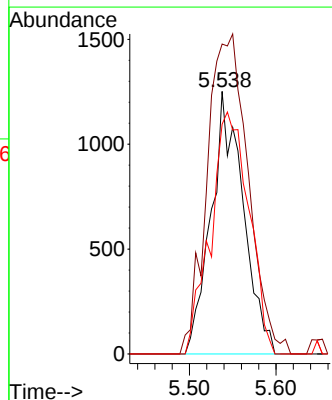
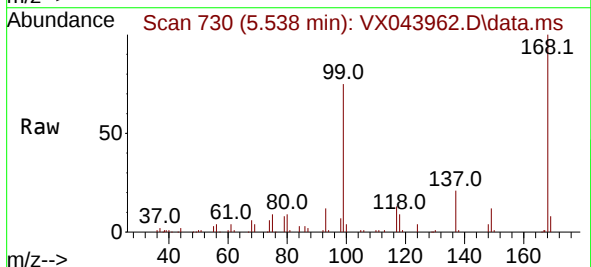
Tgt Ion: 56 Resp: 3226

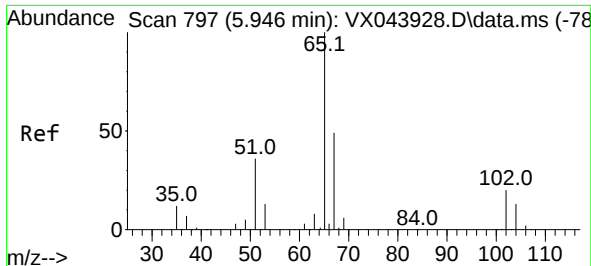
Ion Ratio Lower Upper

56 100

69 118.1 24.7 37.1#

84 87.5 68.7 103.1





#33

1,2-Dichloroethane-d4

Concen: 51.059 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX043962.D

Acq: 22 Nov 2024 16:06

Instrument :

MSVOA_X

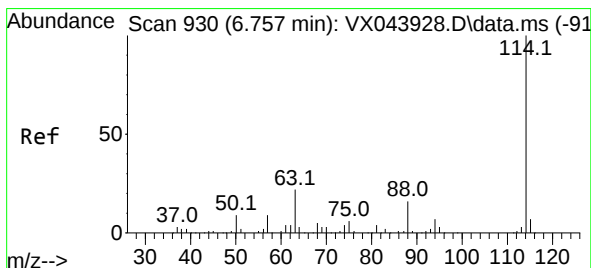
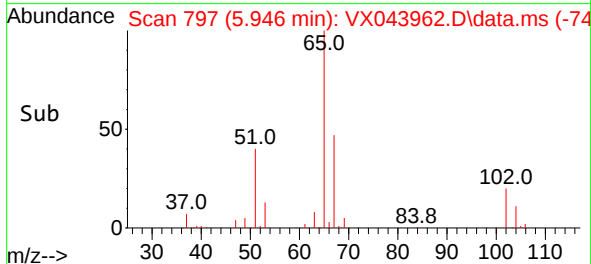
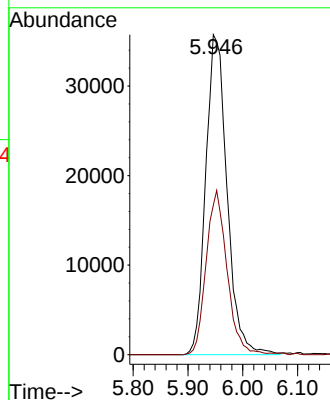
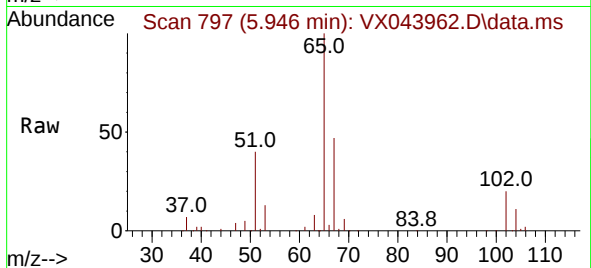
ClientSampleId :

Tgt Ion: 65 Resp: 96444

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043962.D

Acq: 22 Nov 2024 16:06

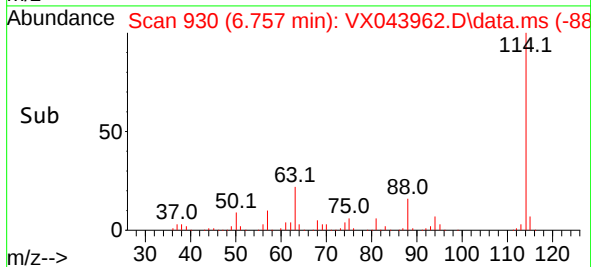
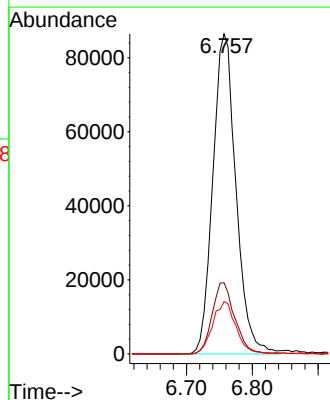
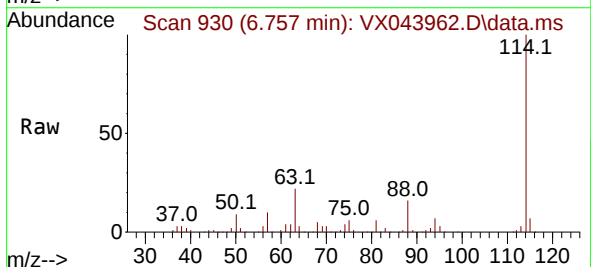
Tgt Ion: 114 Resp: 211509

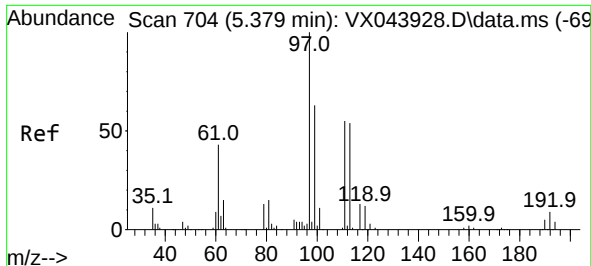
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

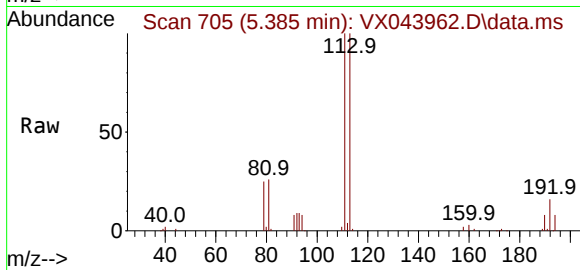
88 16.3 0.0 32.4



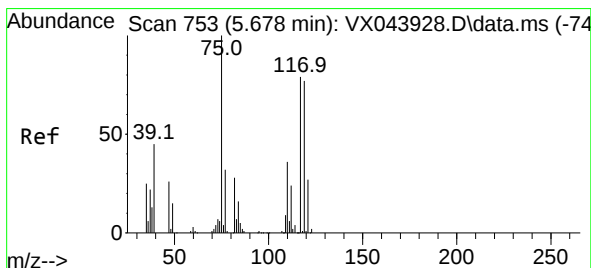
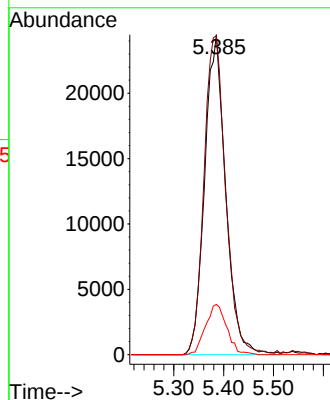
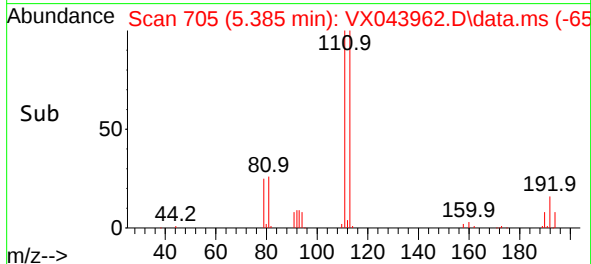


#35
 Dibromofluoromethane
 Concen: 47.361 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX043962.D
 Acq: 22 Nov 2024 16:06

Instrument :
 MSVOA_X
 ClientSampleId :

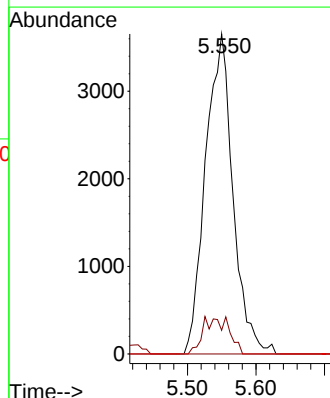
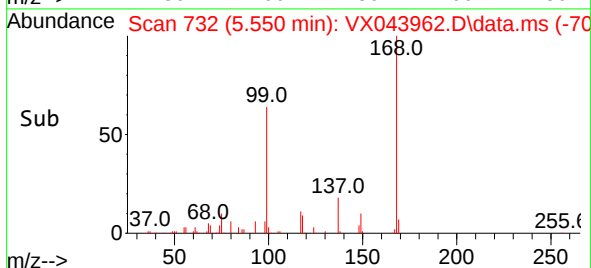
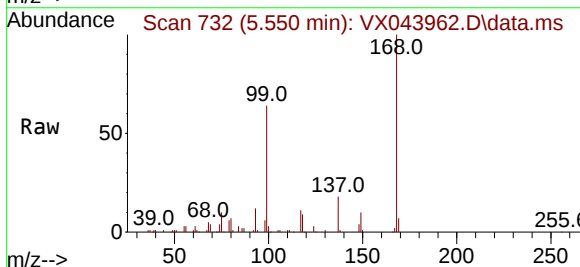


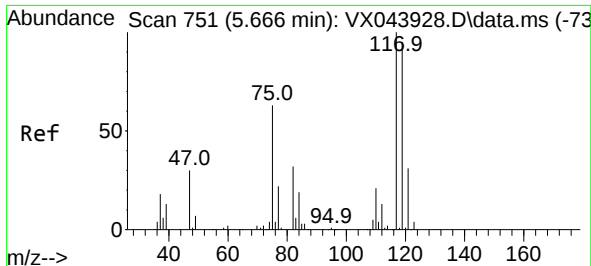
Tgt Ion:113 Resp: 71579
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.4
 192 16.0 13.0 19.6



#36
 1,1-Dichloropropene
 Concen: 5.386 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX043962.D
 Acq: 22 Nov 2024 16:06

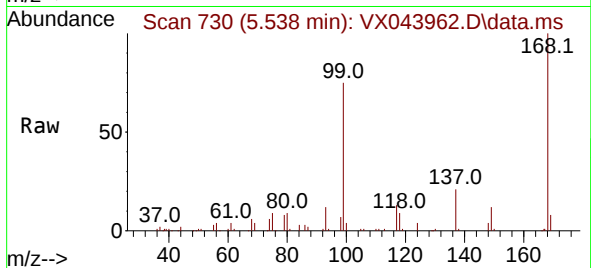
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 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.2#
 77 0.0 25.8 38.8#



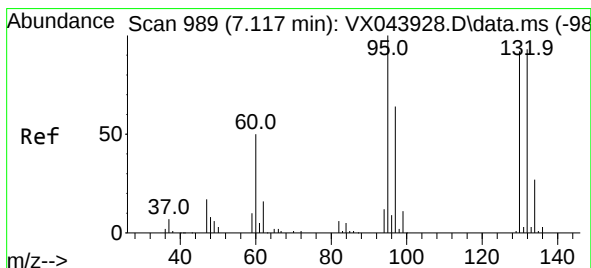
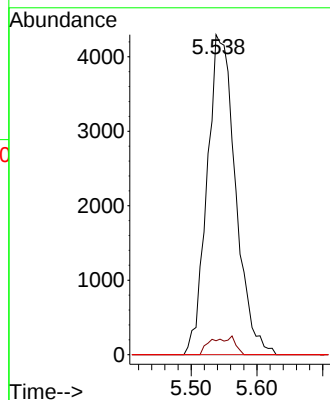
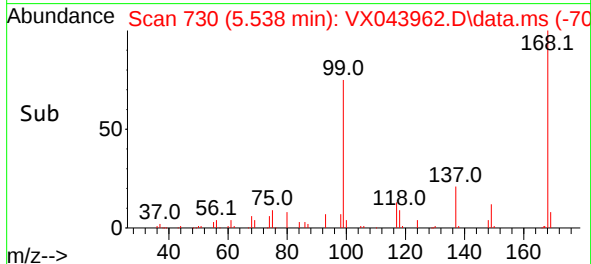


#38
Carbon Tetrachloride
Concen: 6.101 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

Instrument :
MSVOA_X
ClientSampleId :

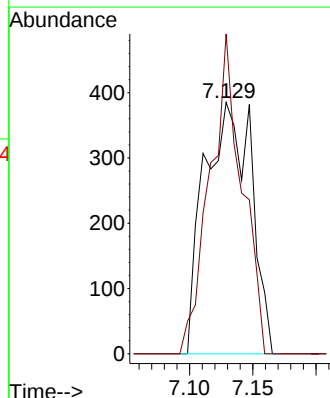
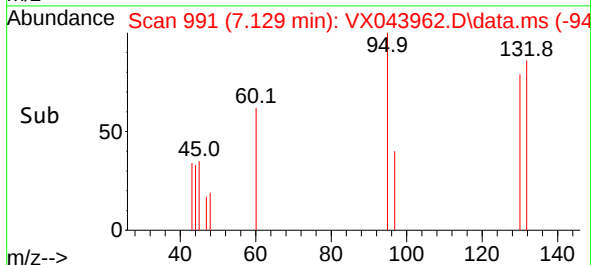
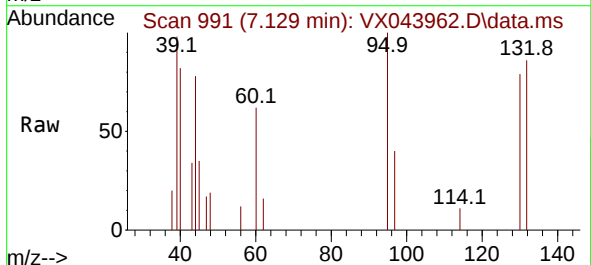


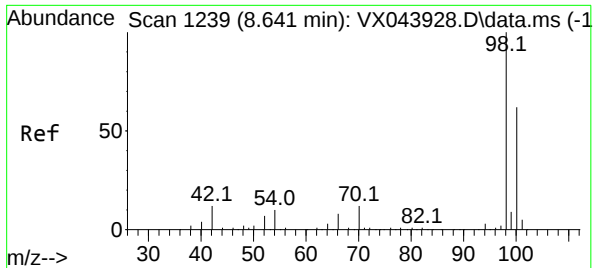
Tgt Ion:117 Resp: 12910
Ion Ratio Lower Upper
117 100
119 4.3 75.2 112.8#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.596 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

Tgt Ion:130 Resp: 990
Ion Ratio Lower Upper
130 100
95 127.3 0.0 217.8

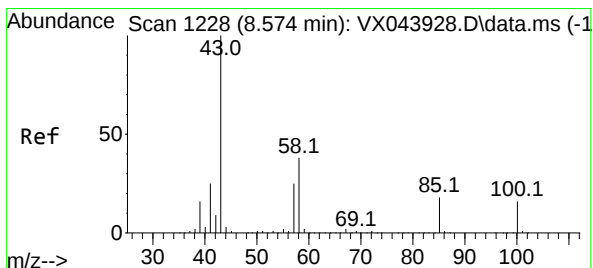
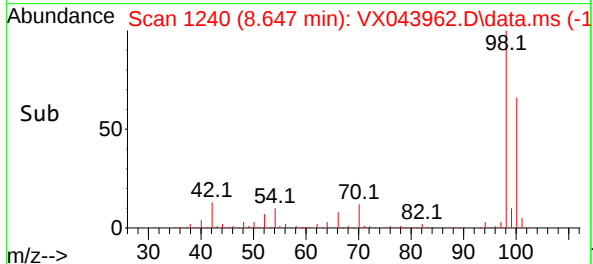
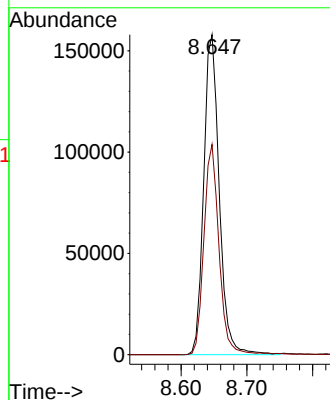
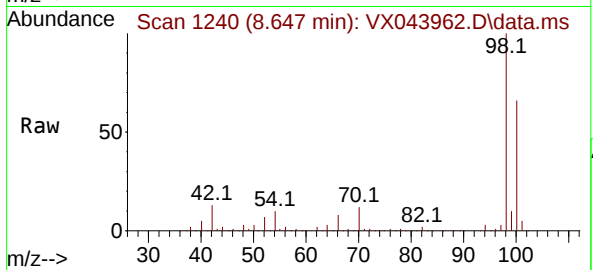




#50
Toluene-d8
Concen: 49.844 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

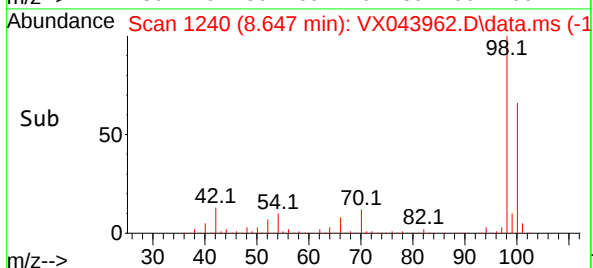
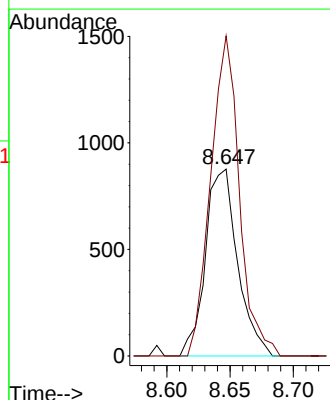
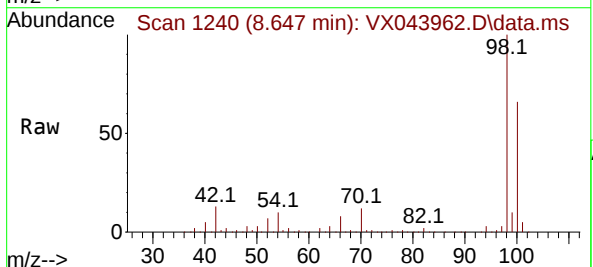
Instrument :
MSVOA_X
ClientSampleId :

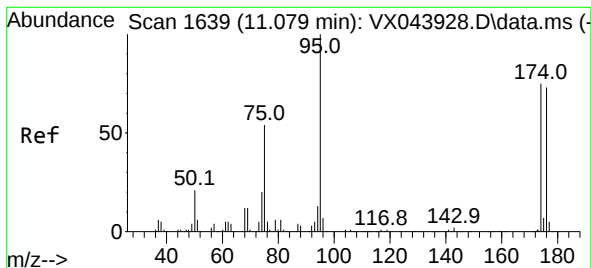
Tgt Ion: 98 Resp: 259674
Ion Ratio Lower Upper
98 100
100 63.8 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.684 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
58 152.6 30.0 45.0#

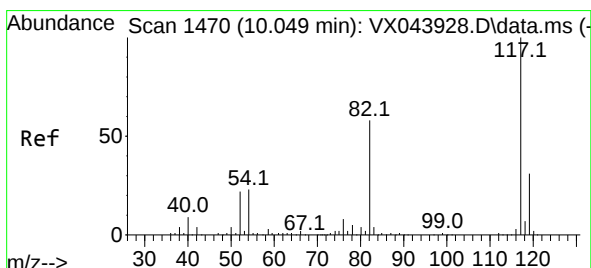
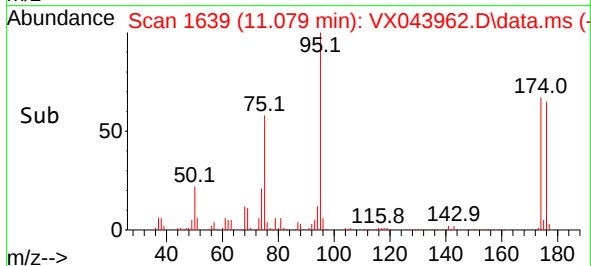
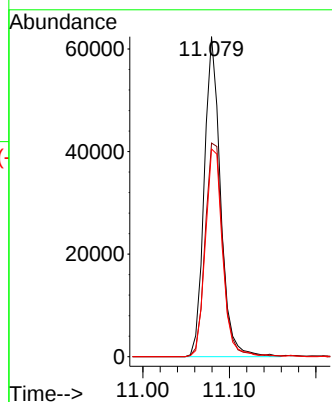
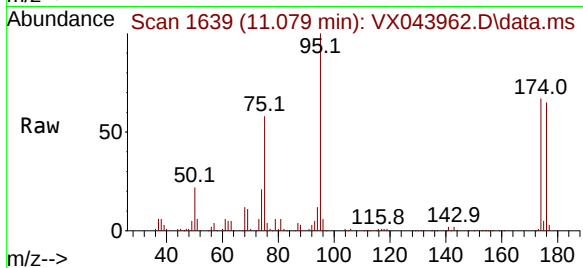




#62
4-Bromofluorobenzene
Concen: 46.080 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

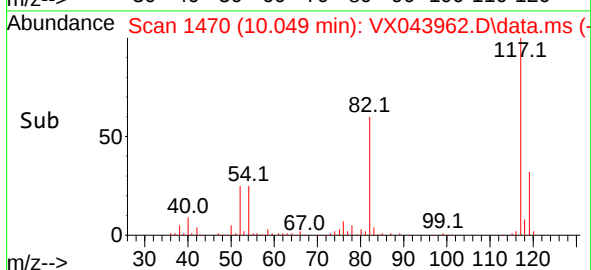
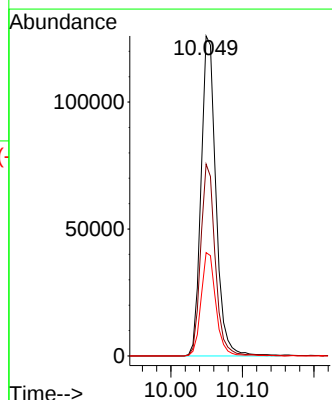
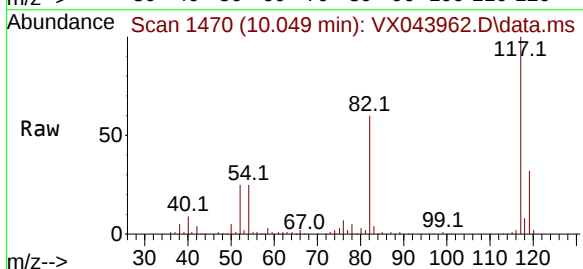
Instrument :
MSVOA_X
ClientSampleId :

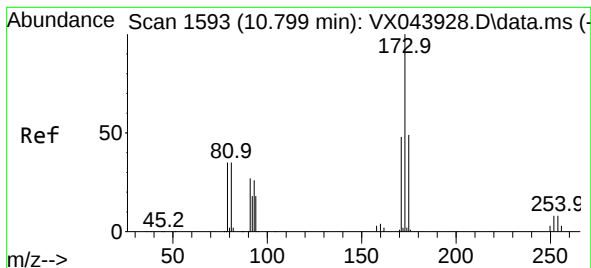
Tgt Ion: 95 Resp: 81701
Ion Ratio Lower Upper
95 100
174 72.4 0.0 150.4
176 68.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX043962.D
Acq: 22 Nov 2024 16:06

Tgt Ion: 117 Resp: 181808
Ion Ratio Lower Upper
117 100
82 60.0 46.4 69.6
119 32.3 24.6 37.0





#71

Bromoform

Concen: 1.225 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043962.D

Acq: 22 Nov 2024 16:06

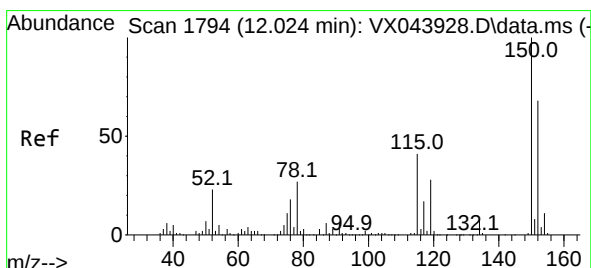
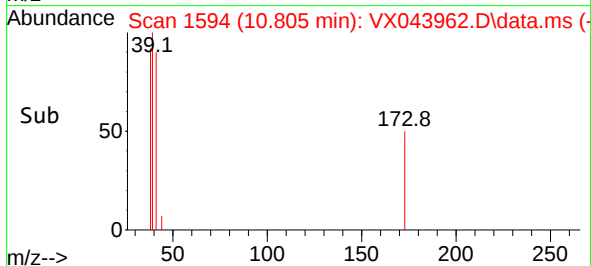
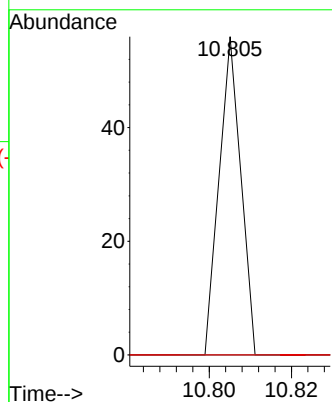
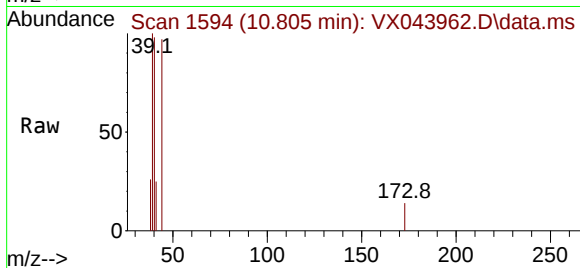
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:173 Resp: 20

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

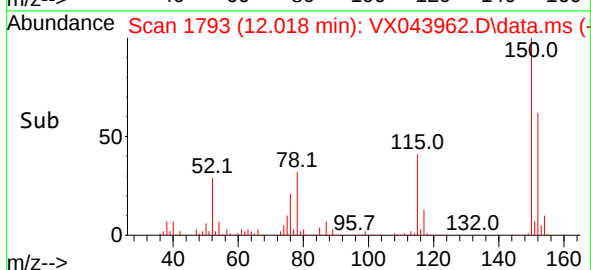
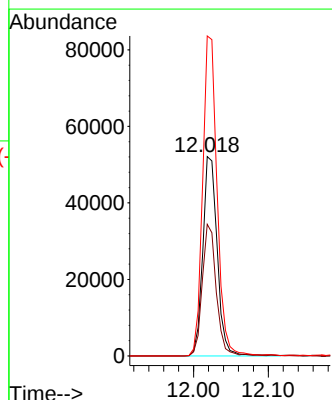
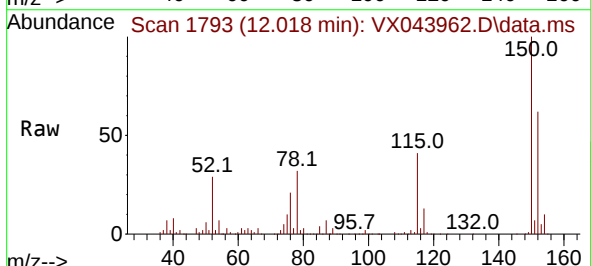
Delta R.T. -0.006 min

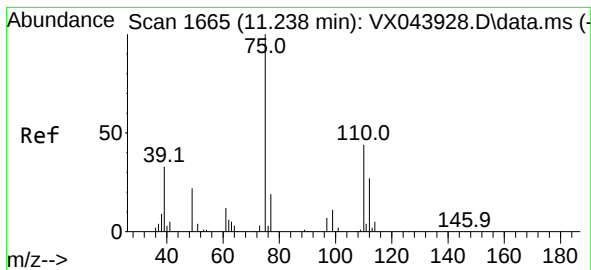
Lab File: VX043962.D

Acq: 22 Nov 2024 16:06

Tgt Ion:152 Resp: 70163

Ion	Ratio	Lower	Upper
152	100		
115	64.0	45.4	136.2
150	159.7	0.0	353.0





#76

1,2,3-Trichloropropane

Concen: 30.482 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX043962.D

Acq: 22 Nov 2024 16:06

Instrument :

MSVOA_X

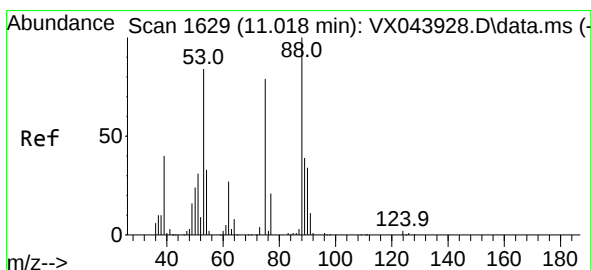
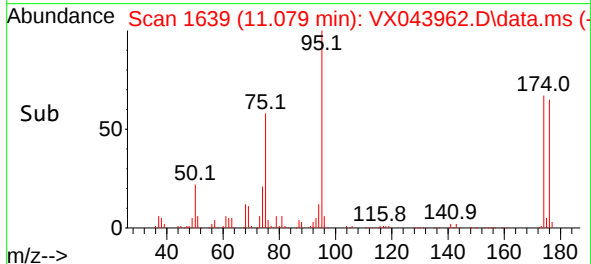
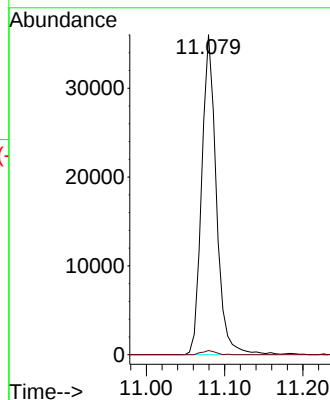
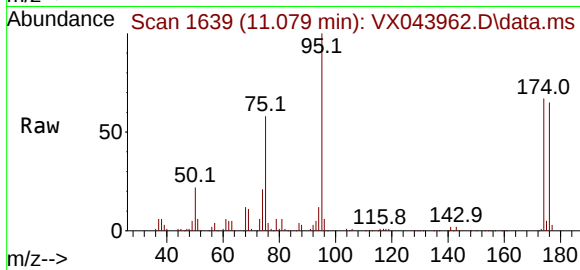
ClientSampleId :

Tgt Ion: 75 Resp: 46901

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.177 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043962.D

Acq: 22 Nov 2024 16:06

Tgt Ion: 75 Resp: 46901

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

