

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033168.D
 Acq On : 01 Dec 2022 17:04
 Operator : JC/MD
 Sample : N5821-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-6S

Quant Time: Dec 02 00:53:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	125911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66881	54.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.300%	
35) Dibromofluoromethane	5.385	113	52542	46.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.580%	
50) Toluene-d8	8.647	98	171962	50.373	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	11.079	95	63250	42.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.840%	

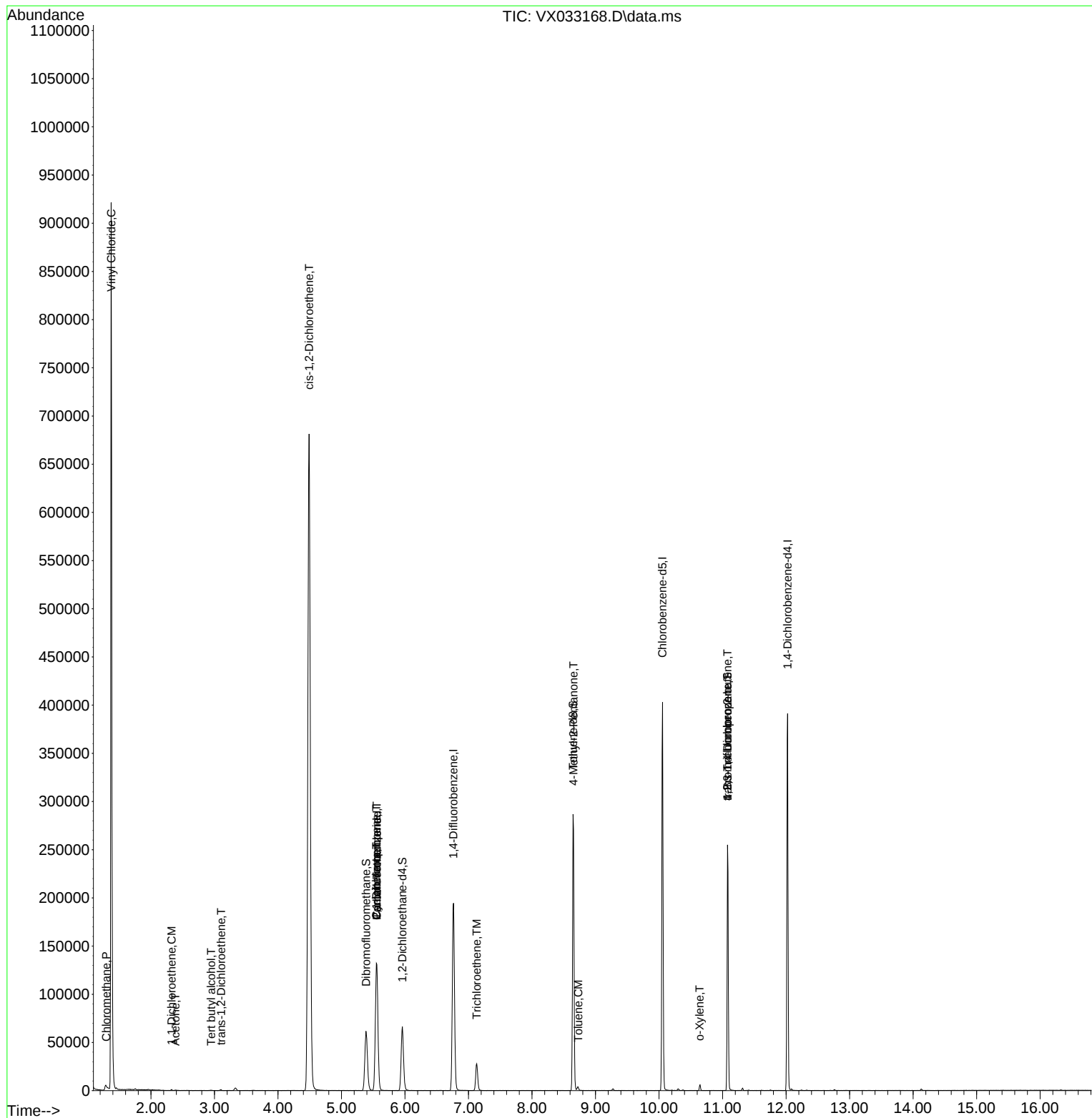
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	289	0.278	ug/l #	43
4) Vinyl Chloride	1.374	62	610240	527.756	ug/l	100
11) Tert butyl alcohol	2.946	59	232	1.194	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	383	0.349	ug/l #	74
16) Acetone	2.386	43	624	1.090	ug/l	90
20) Methylene Chloride	2.788	84	90	Below Cal	#	37
21) trans-1,2-Dichloroethene	3.105	96	446	0.355	ug/l #	73
27) cis-1,2-Dichloroethene	4.489	96	427094	299.073	ug/l	91
31) Cyclohexane	5.550	56	2720	1.369	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	9279	5.113	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12907	6.411	ug/l #	17
44) Trichloroethene	7.129	130	11157	7.814	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	774	0.479	ug/l #	1
52) Toluene	8.726	92	1583	0.473	ug/l	97
69) o-Xylene	10.640	106	1435	0.605	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	34860	22.933	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34860	74.542	ug/l #	6

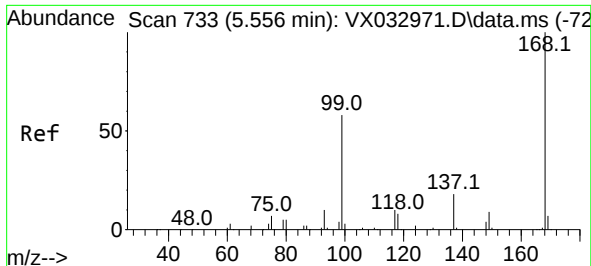
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
Data File : VX033168.D
Acq On : 01 Dec 2022 17:04
Operator : JC/MD
Sample : N5821-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
22-MW-6S

Quant Time: Dec 02 00:53:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

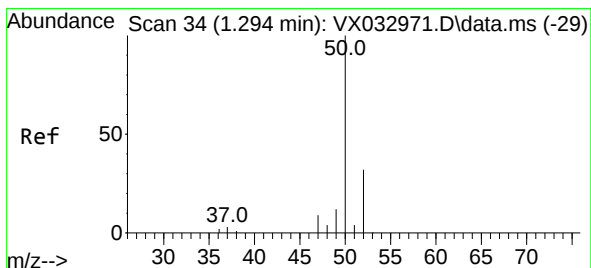
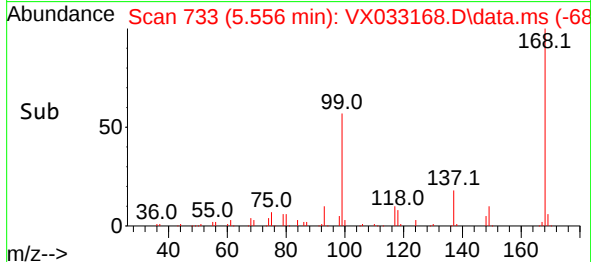
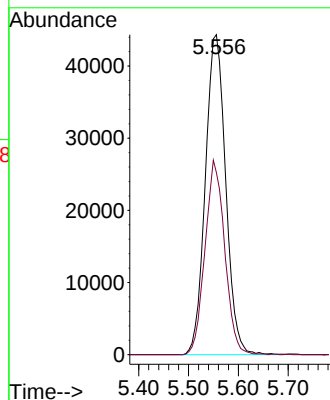
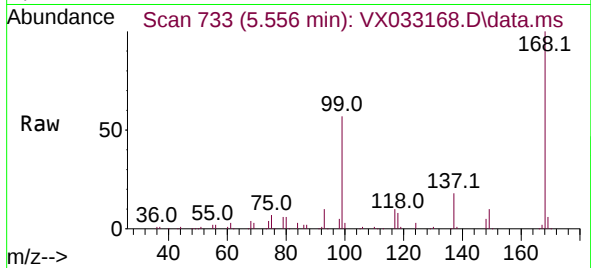




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

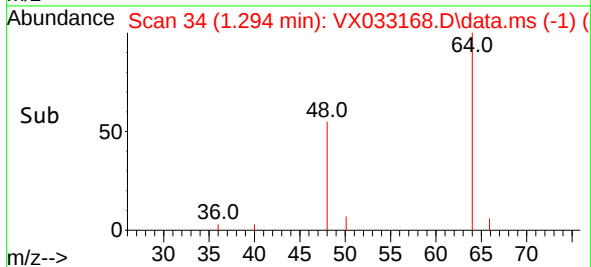
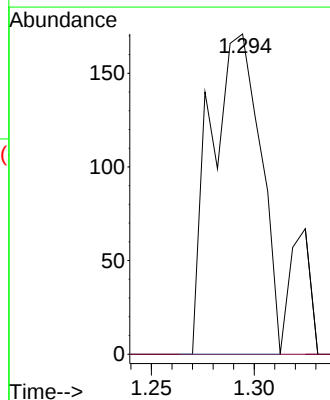
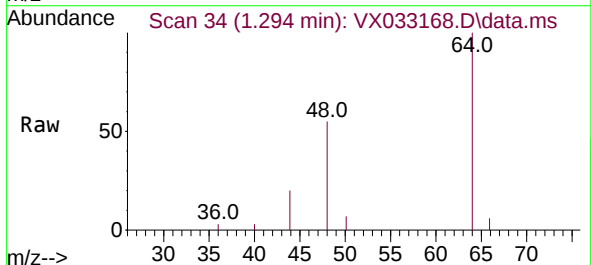
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6S

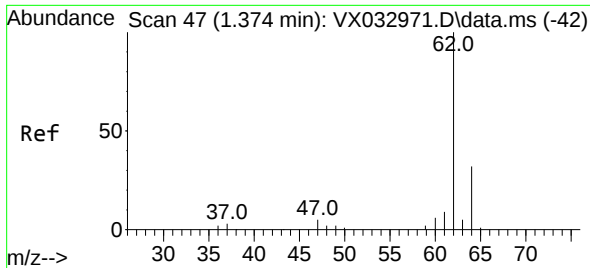
Tgt Ion:168 Resp: 125911
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1



#3
Chloromethane
Concen: 0.278 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

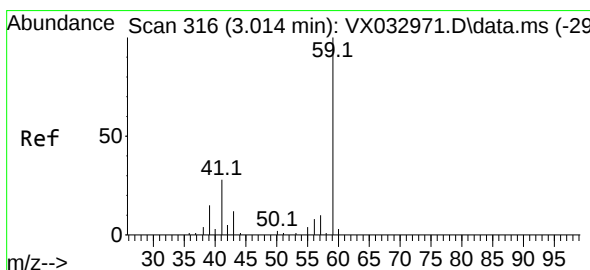
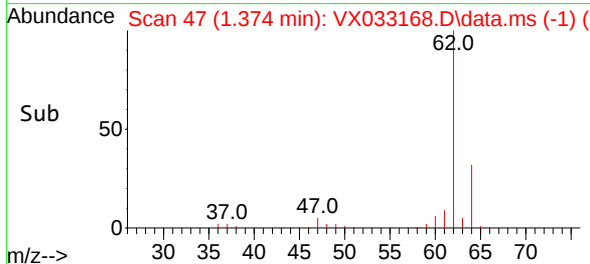
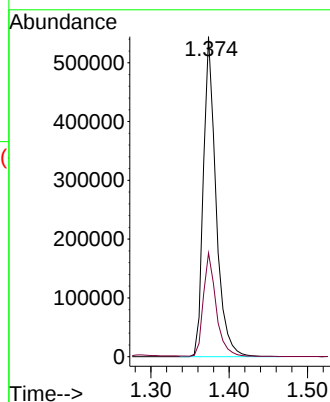
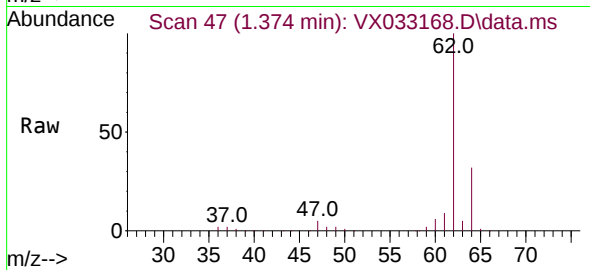




#4
 Vinyl Chloride
 Concen: 527.756 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033168.D
 Acq: 01 Dec 2022 17:04

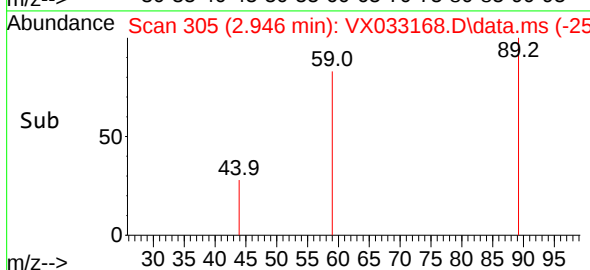
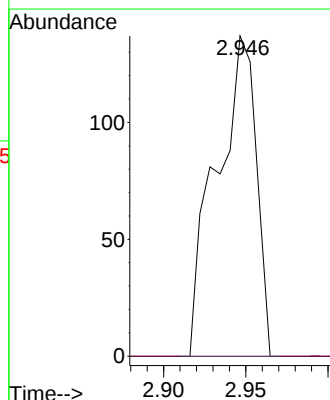
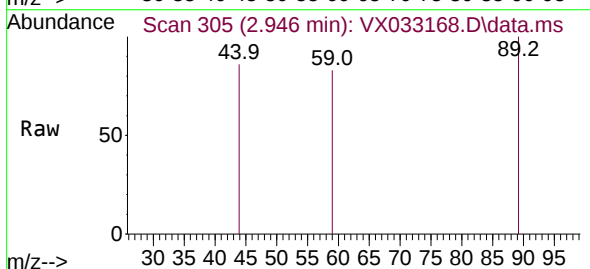
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-6S

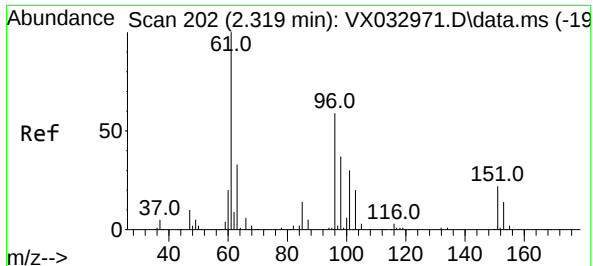
Tgt Ion: 62 Resp: 610240
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.8 38.6



#11
 Tert butyl alcohol
 Concen: 1.194 ug/l
 RT: 2.946 min Scan# 305
 Delta R.T. -0.019 min
 Lab File: VX033168.D
 Acq: 01 Dec 2022 17:04

Tgt Ion: 59 Resp: 232
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#





#12

1,1-Dichloroethene

Concen: 0.349 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX033168.D

Acq: 01 Dec 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

22-MW-6S

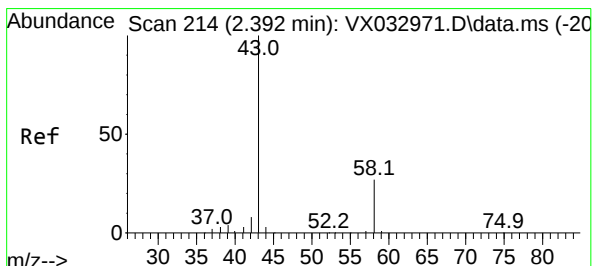
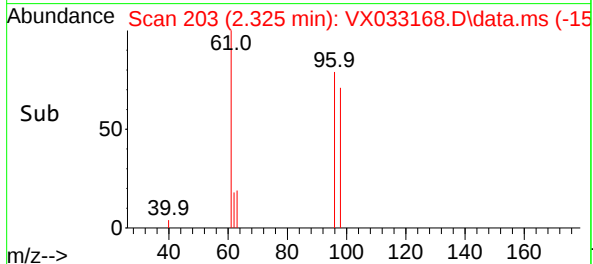
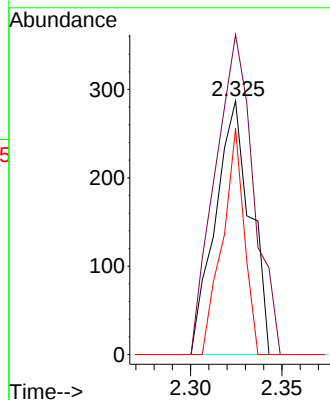
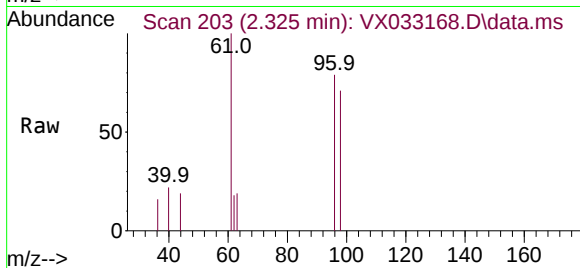
Tgt Ion: 96 Resp: 383

Ion Ratio Lower Upper

96 100

61 126.1 125.1 187.7

98 89.2 50.6 76.0#



#16

Acetone

Concen: 1.090 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX033168.D

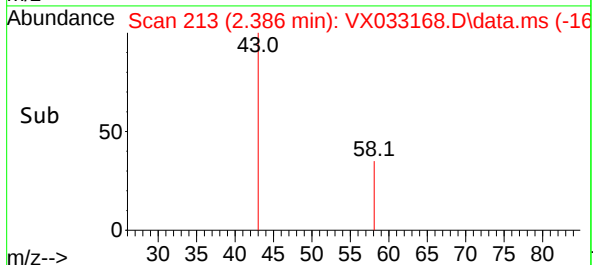
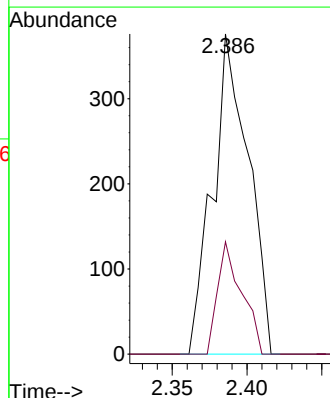
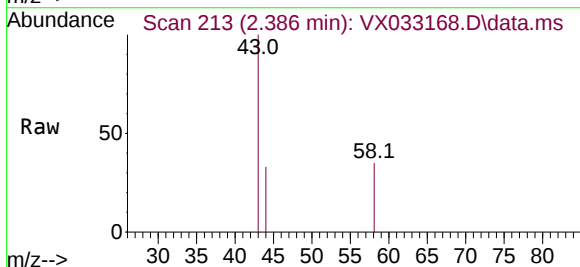
Acq: 01 Dec 2022 17:04

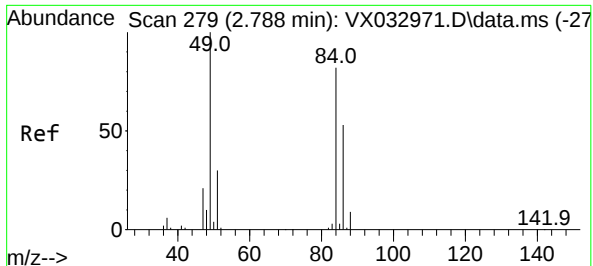
Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

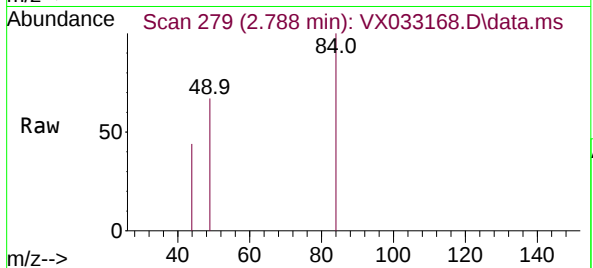
58 35.1 23.8 35.8



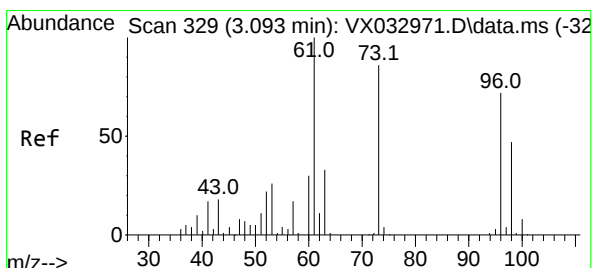
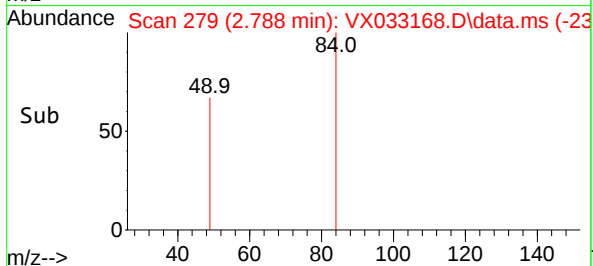
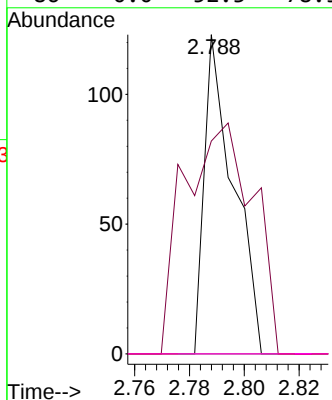


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
22-MW-6S

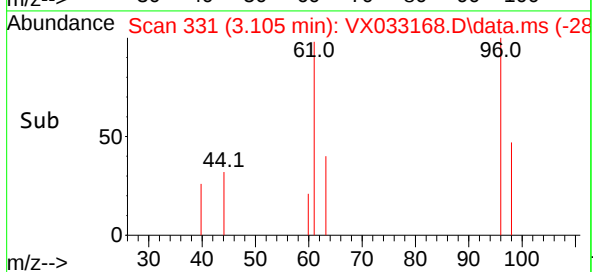
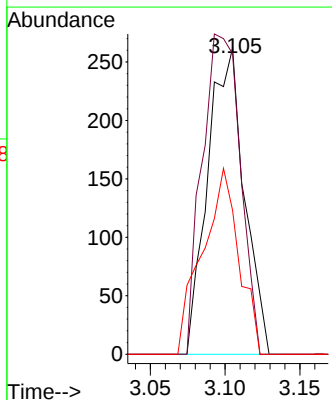
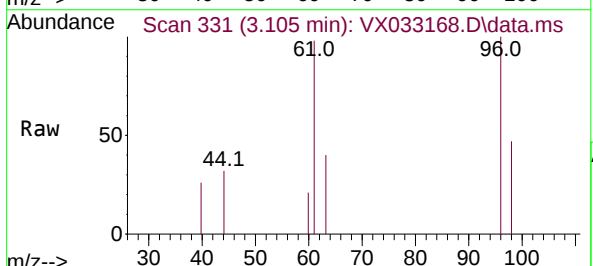


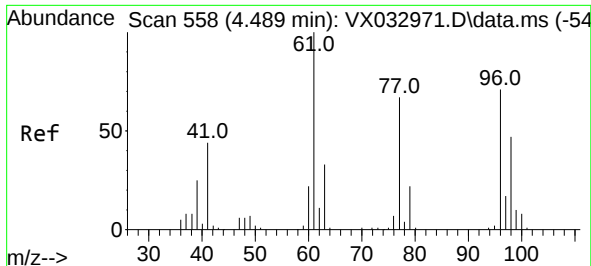
Tgt Ion:	84	Resp:	90
Ion	Ratio	Lower	Upper
84	100		
49	66.7	101.0	151.6#
51	0.0	31.1	46.7#
86	0.0	52.3	78.5#



#21
trans-1,2-Dichloroethene
Concen: 0.355 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion:	96	Resp:	446
Ion	Ratio	Lower	Upper
96	100		
61	98.1	106.6	160.0#
98	46.9	51.0	76.6#





#27

cis-1,2-Dichloroethene

Concen: 299.073 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX033168.D

Acq: 01 Dec 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

22-MW-6S

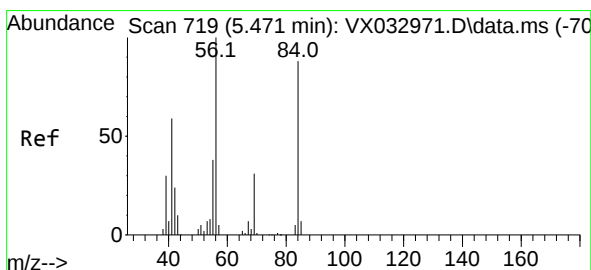
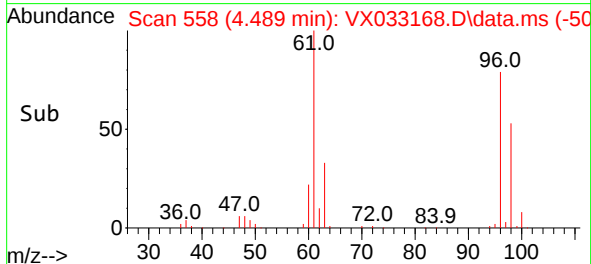
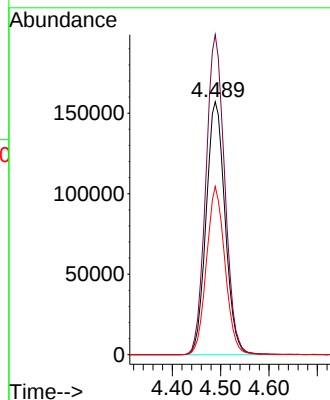
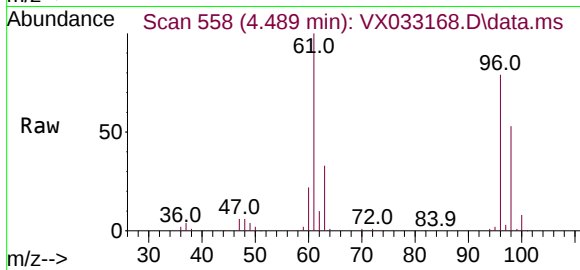
Tgt Ion: 96 Resp: 427094

Ion Ratio Lower Upper

96 100

61 126.1 0.0 286.0

98 64.9 0.0 129.6



#31

Cyclohexane

Concen: 1.369 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033168.D

Acq: 01 Dec 2022 17:04

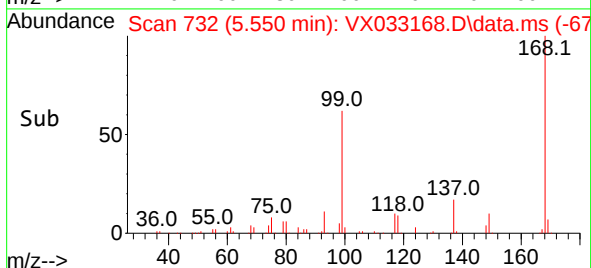
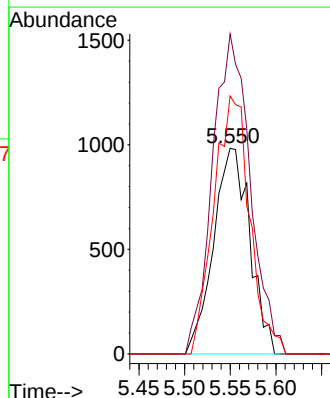
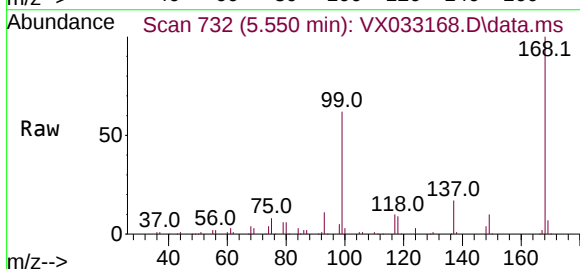
Tgt Ion: 56 Resp: 2720

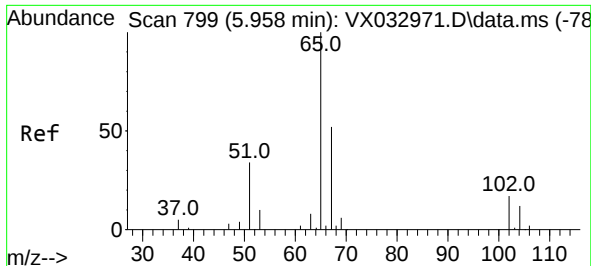
Ion Ratio Lower Upper

56 100

69 155.5 24.1 36.1#

84 125.4 66.9 100.3#

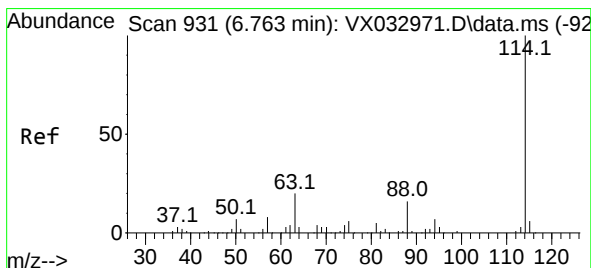
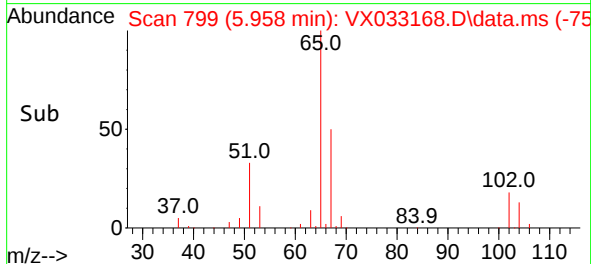
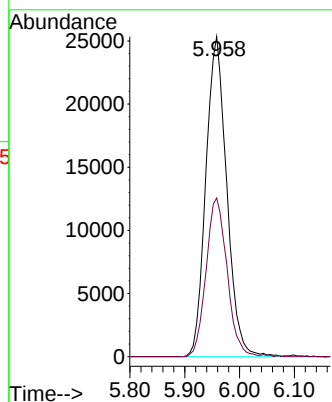
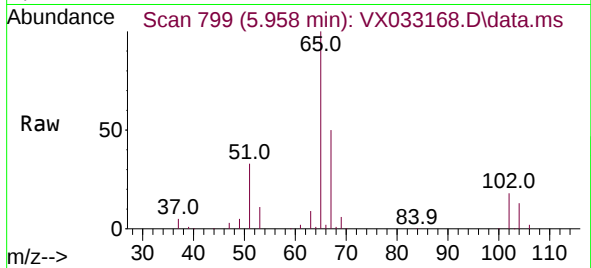




#33
 1,2-Dichloroethane-d4
 Concen: 54.651 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033168.D
 Acq: 01 Dec 2022 17:04

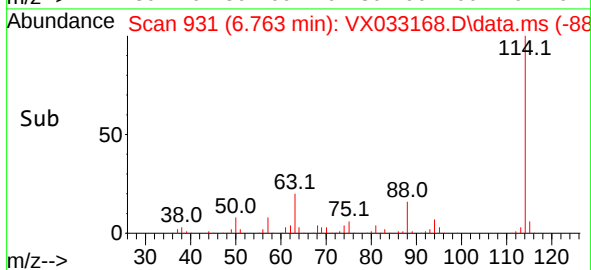
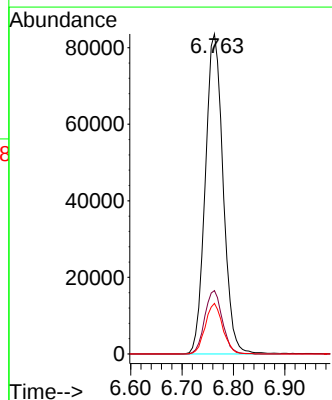
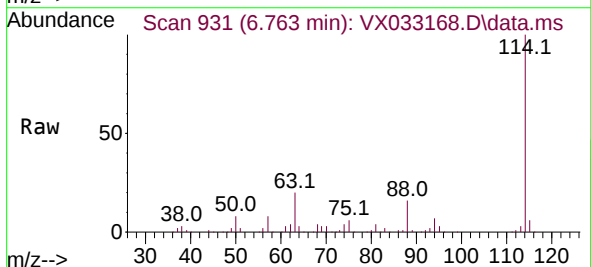
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-6S

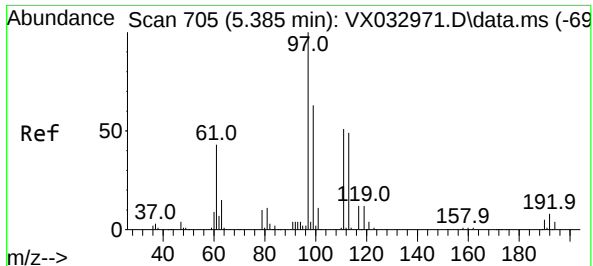
Tgt Ion: 65 Resp: 66881
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033168.D
 Acq: 01 Dec 2022 17:04

Tgt Ion: 114 Resp: 201318
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.6
 88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.294 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033168.D

Acq: 01 Dec 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

22-MW-6S

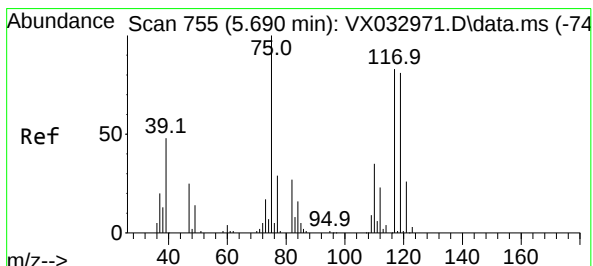
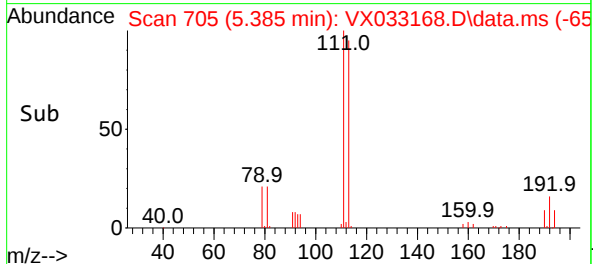
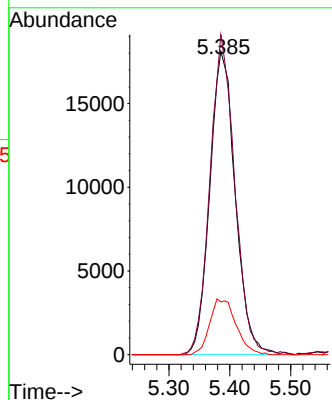
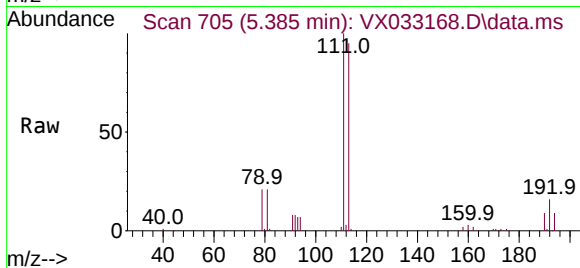
Tgt Ion:113 Resp: 52542

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 19.0 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.113 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033168.D

Acq: 01 Dec 2022 17:04

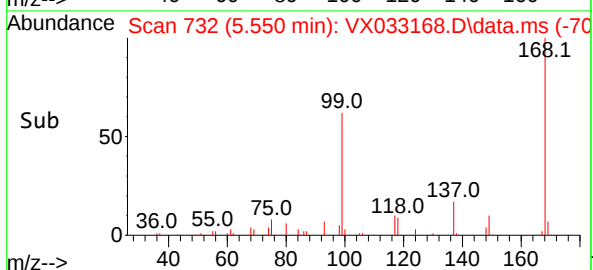
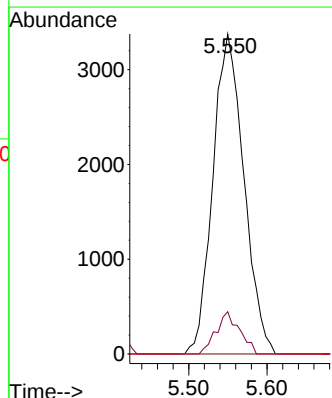
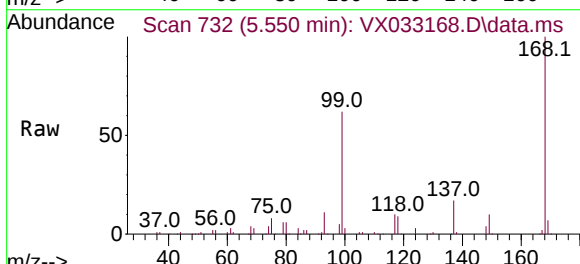
Tgt Ion: 75 Resp: 9279

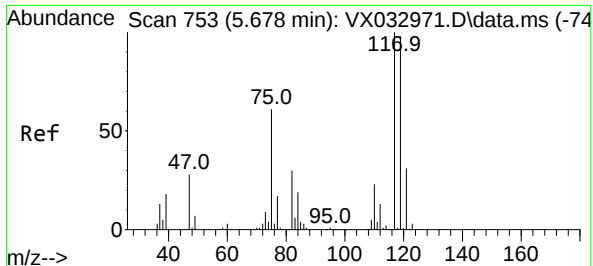
Ion Ratio Lower Upper

75 100

110 10.0 18.4 55.2#

77 0.0 24.5 36.7#

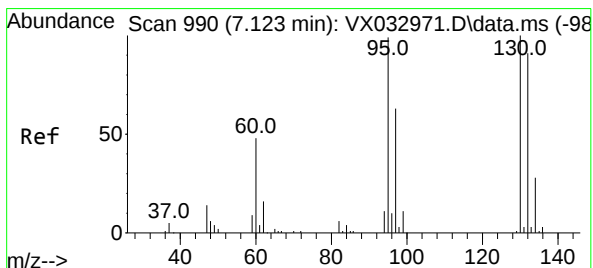
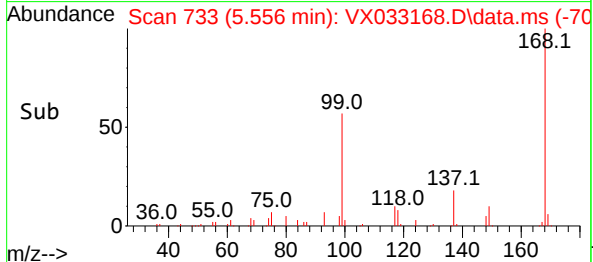
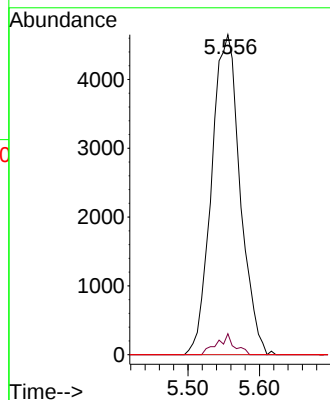
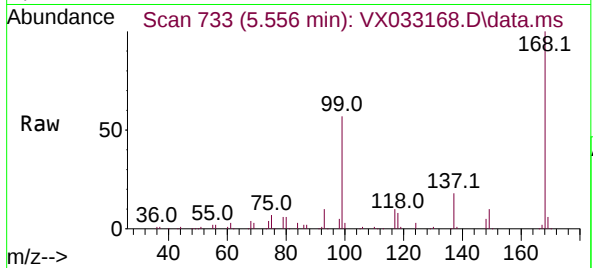




#38
Carbon Tetrachloride
Concen: 6.411 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

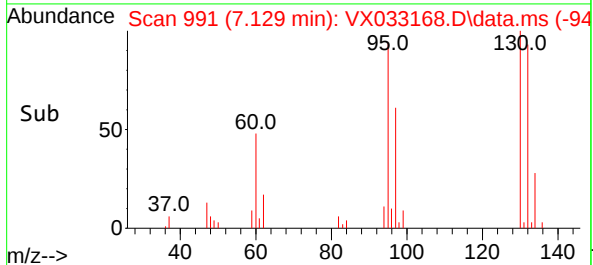
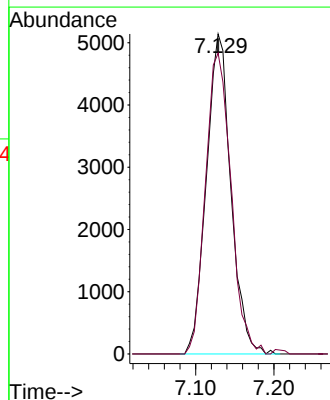
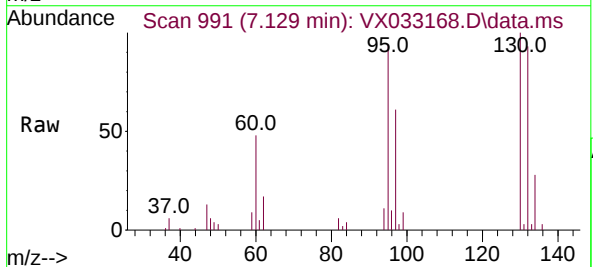
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6S

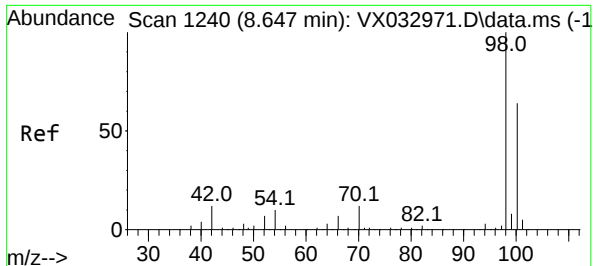
Tgt Ion:117 Resp: 12907
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 7.814 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion:130 Resp: 11157
Ion Ratio Lower Upper
130 100
95 94.0 0.0 195.2

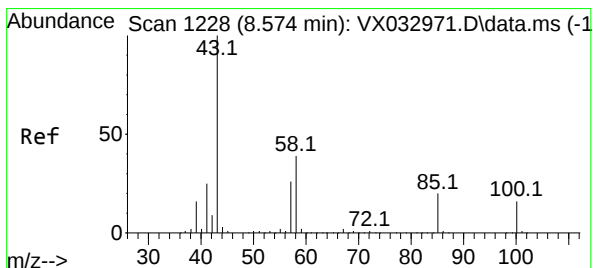
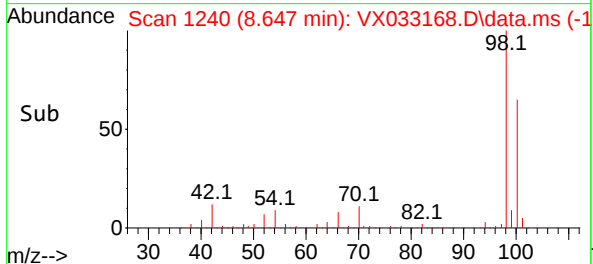
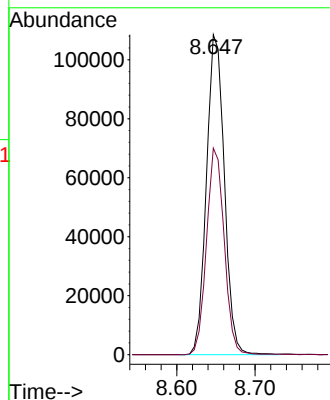
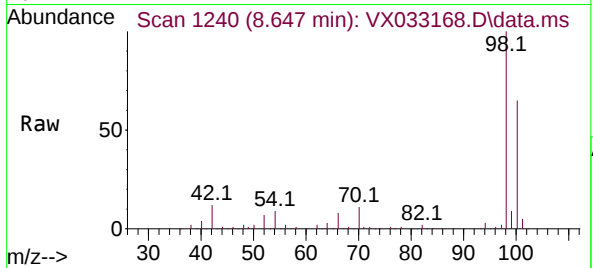




#50
Toluene-d8
Concen: 50.373 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

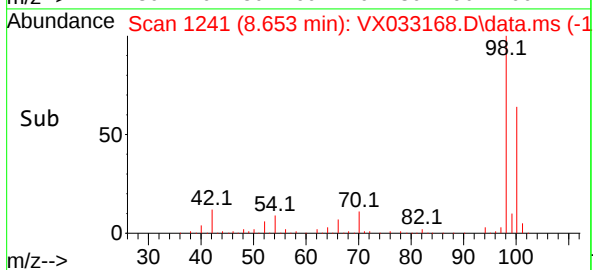
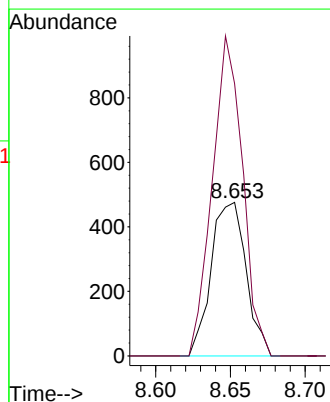
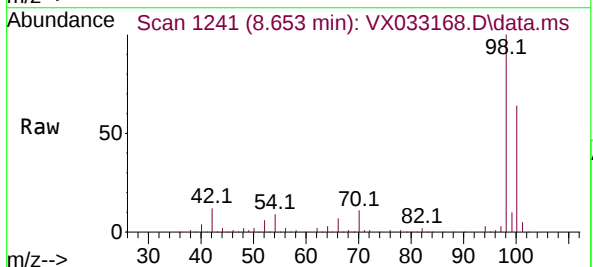
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6S

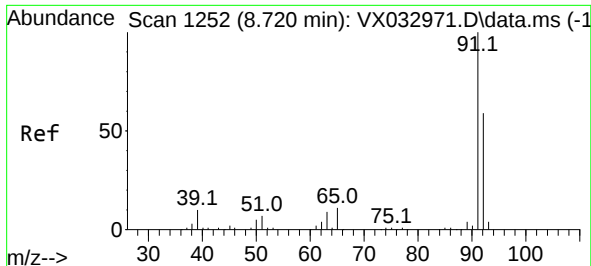
Tgt Ion: 98 Resp: 171962
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 180.5 30.9 46.3#

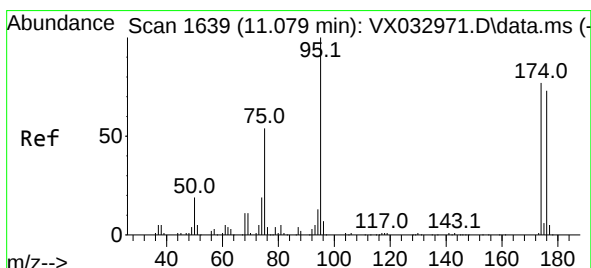
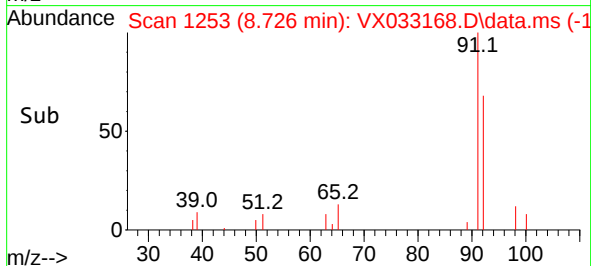
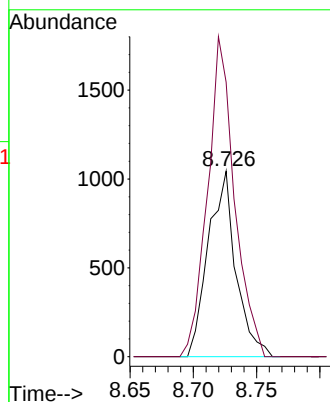
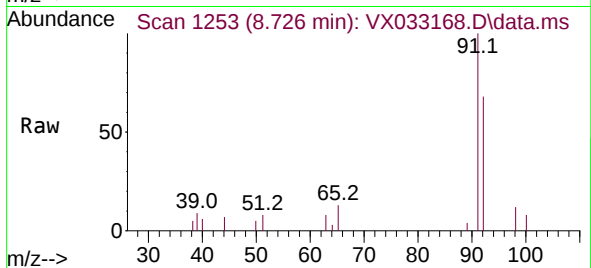




#52
Toluene
Concen: 0.473 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

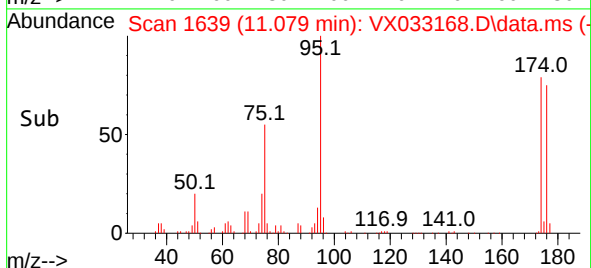
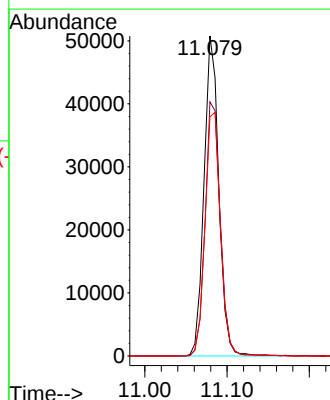
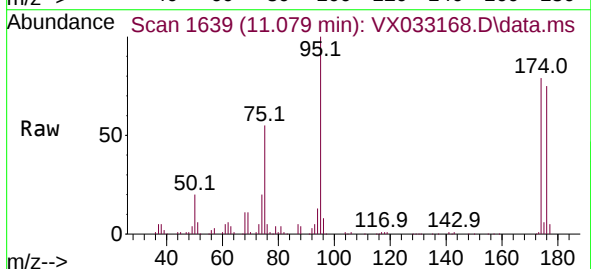
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6S

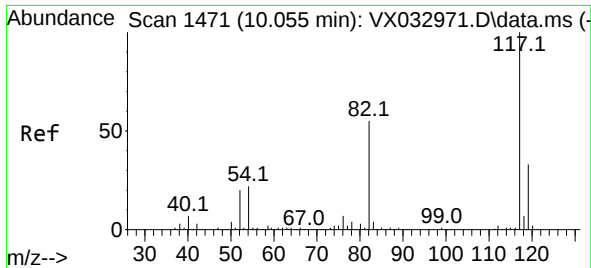
Tgt Ion: 92 Resp: 1583
Ion Ratio Lower Upper
92 100
91 168.9 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 42.425 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion: 95 Resp: 63250
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 80.0 0.0 154.4

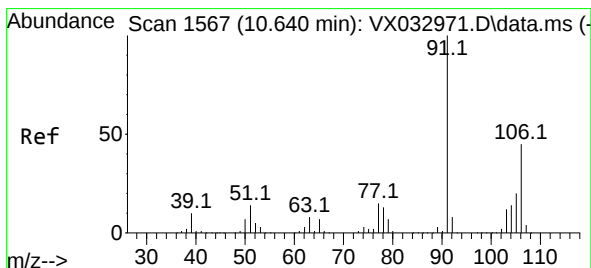
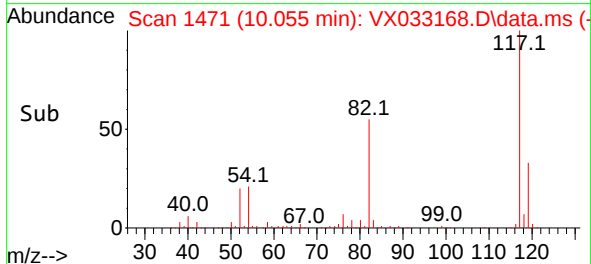
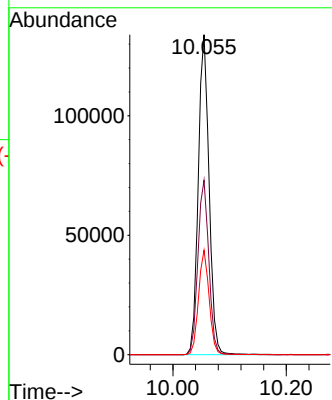
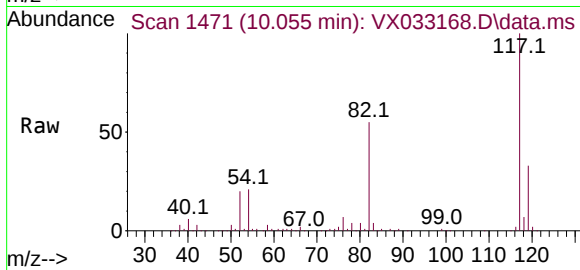




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

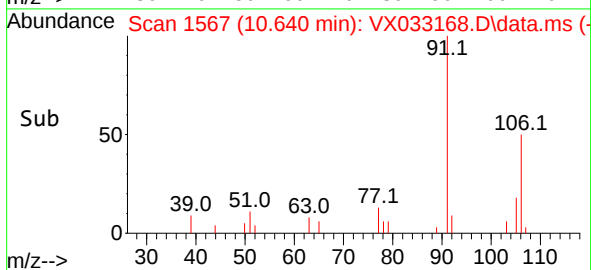
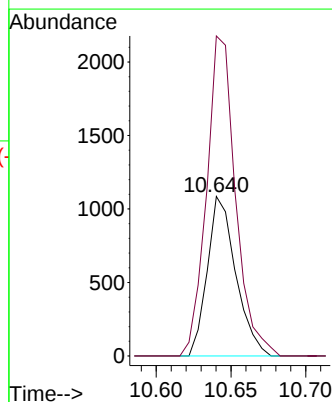
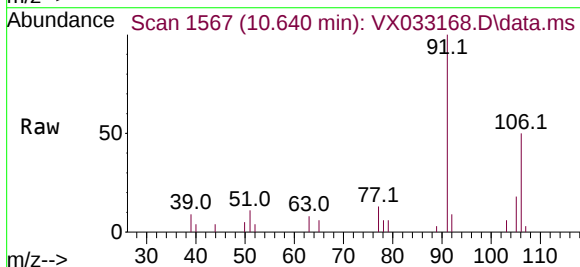
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6S

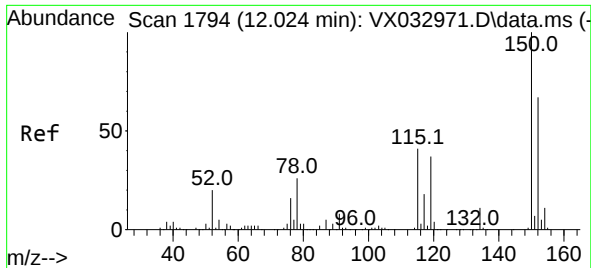
Tgt Ion:117 Resp: 176988
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.7 25.7 38.5



#69
o-Xylene
Concen: 0.605 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion:106 Resp: 1435
Ion Ratio Lower Upper
106 100
91 204.8 109.2 327.6

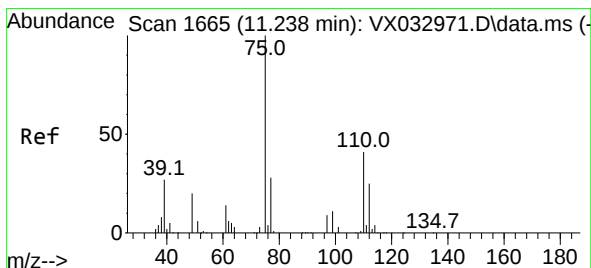
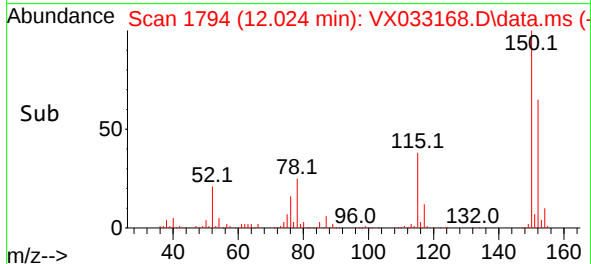
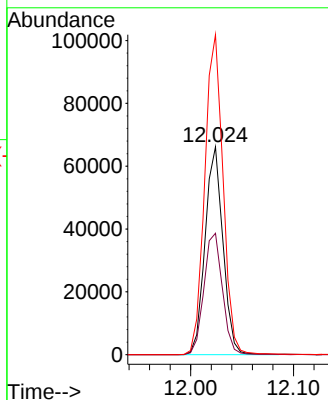
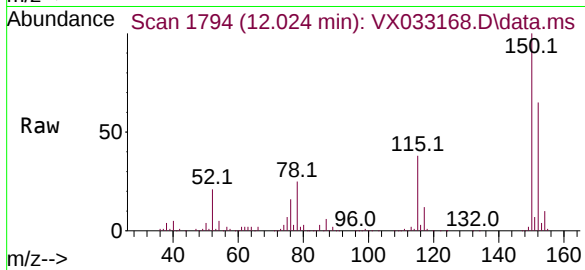




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

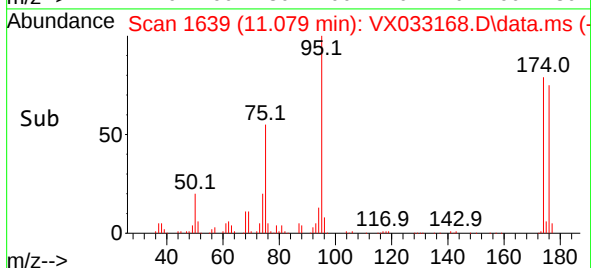
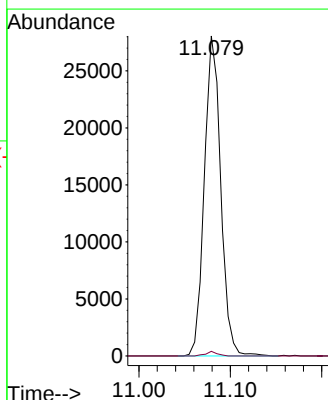
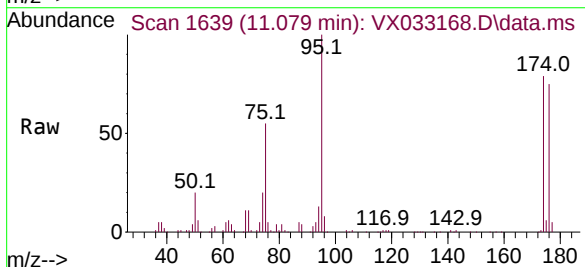
Instrument :
MSVOA_X
ClientSampleId :
22-MW-6S

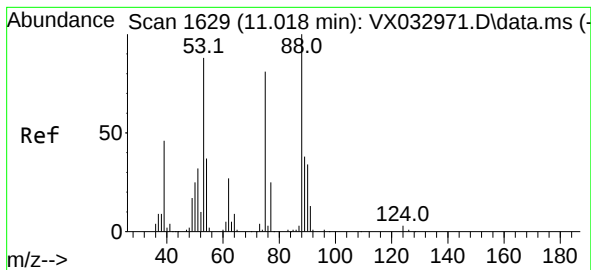
Tgt Ion:152 Resp: 80265
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 157.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.933 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033168.D
Acq: 01 Dec 2022 17:04

Tgt Ion: 75 Resp: 34860
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.542 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033168.D
 Acq: 01 Dec 2022 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-6S

Tgt Ion: 75 Resp: 34860
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

