

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033327.D
 Acq On : 08 Dec 2022 16:41
 Operator : JC/MD
 Sample : N5890-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1827

Quant Time: Dec 09 00:49:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

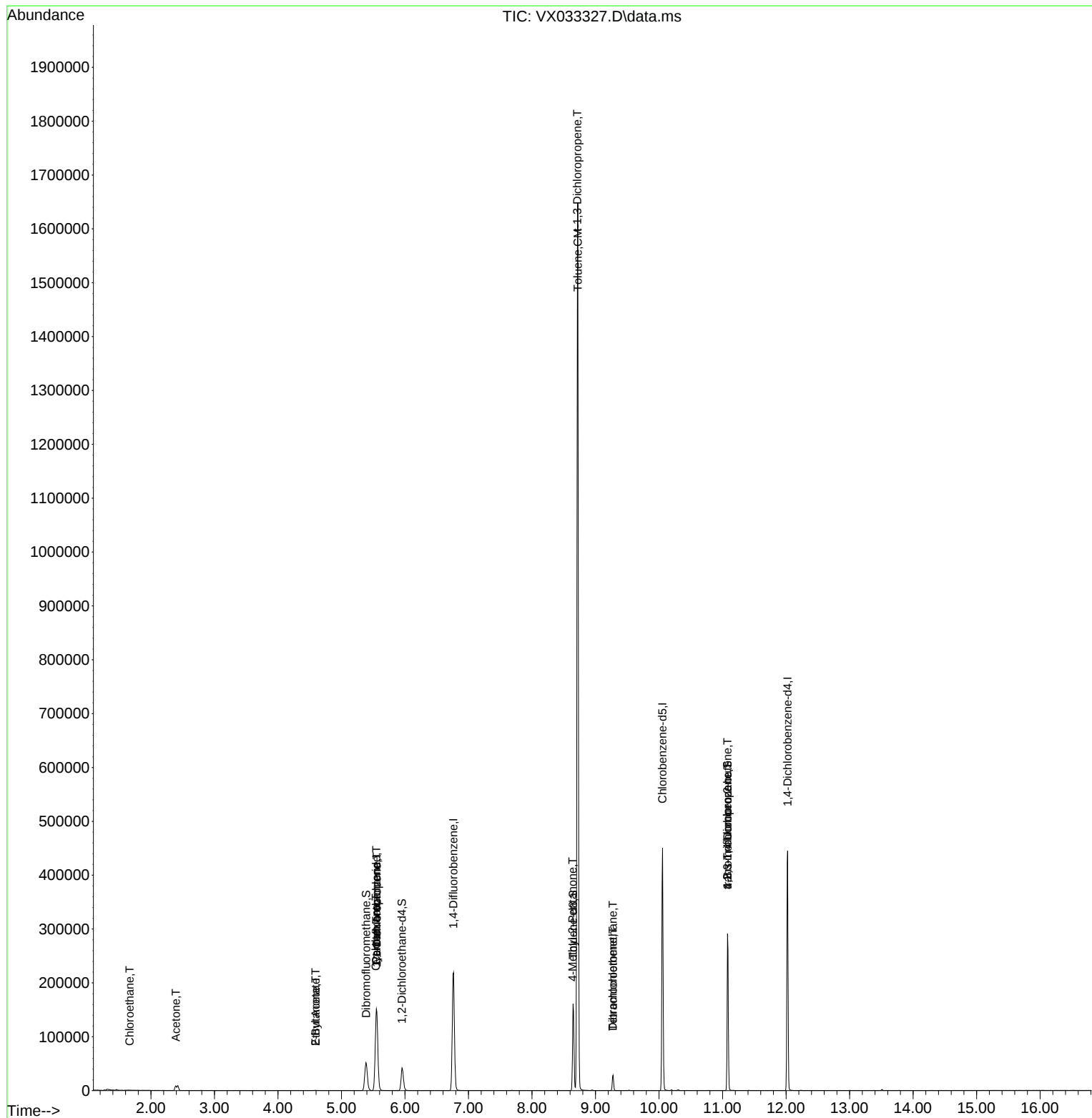
Internal Standards						
1) Pentafluorobenzene	5.550	168	144114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	42406	45.867	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.740%
35) Dibromofluoromethane	5.385	113	45452	44.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.420%
50) Toluene-d8	8.647	98	97517	45.337	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.680%#
62) 4-Bromofluorobenzene	11.079	95	75183	45.714	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.420%
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	253	0.251	ug/l #	42
16) Acetone	2.392	43	11252	16.447	ug/l	99
25) 2-Butanone	4.593	43	835	0.850	ug/l #	88
31) Cyclohexane	5.544	56	3020	1.374	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	10799	5.387	ug/l #	49
37) Ethyl Acetate	4.593	43	835	0.441	ug/l #	67
38) Carbon Tetrachloride	5.550	117	15031	6.692	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	409	0.212	ug/l #	1
52) Toluene	8.720	92	621951	164.579	ug/l	99
53) t-1,3-Dichloropropene	8.714	75	7729	5.584	ug/l #	1
60) Dibromochloromethane	9.275	129	5441	3.109	ug/l #	11
64) Tetrachloroethene	9.275	164	5420	3.878	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	39462	20.859	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39462	64.887	ug/l #	6

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

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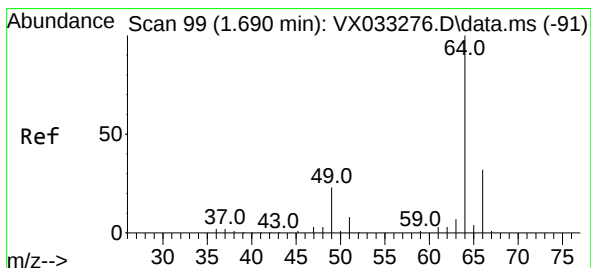
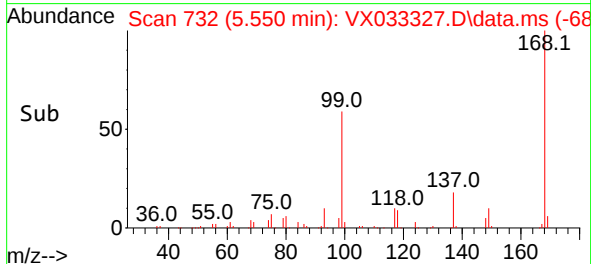
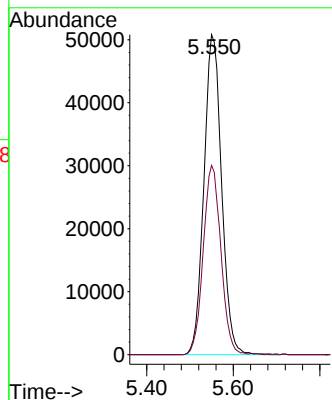
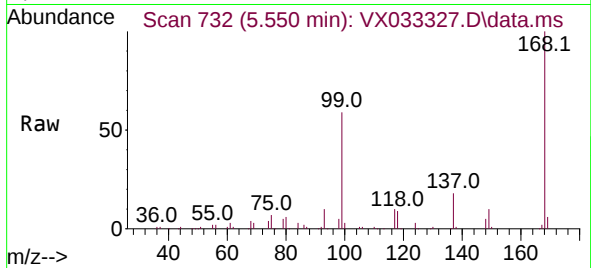




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

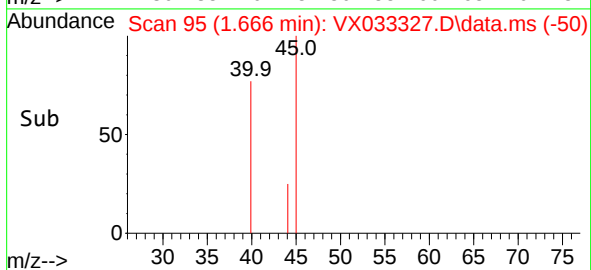
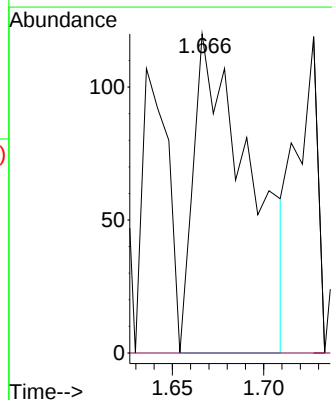
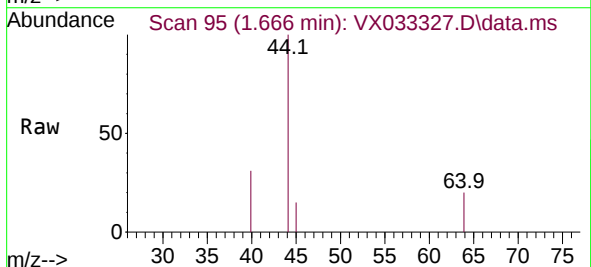
Instrument :
MSVOA_X
ClientSampleId :
1827

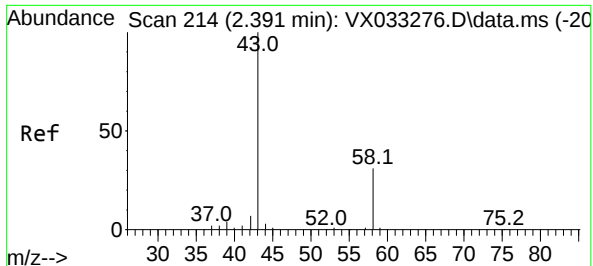
Tgt Ion:168 Resp: 144114
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#6
Chloroethane
Concen: 0.251 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.024 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Tgt Ion: 64 Resp: 253
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#

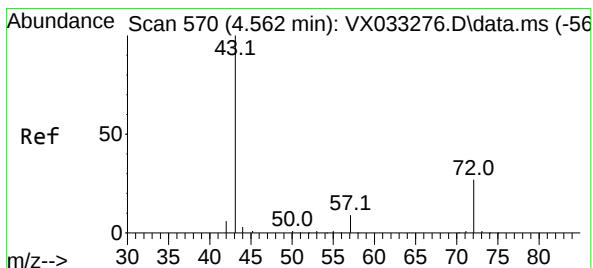
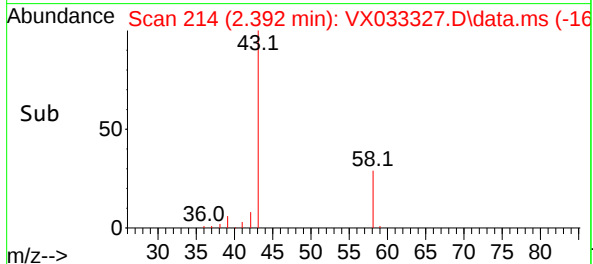
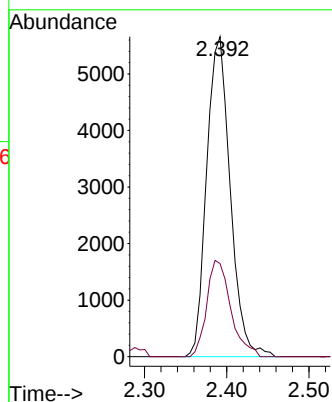
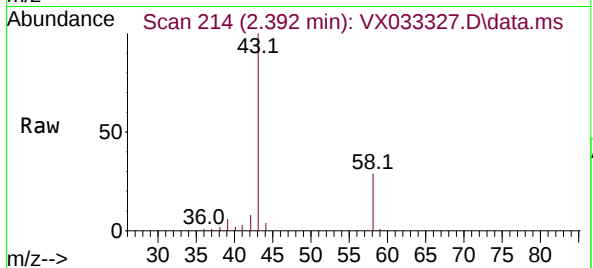




#16
Acetone
Concen: 16.447 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

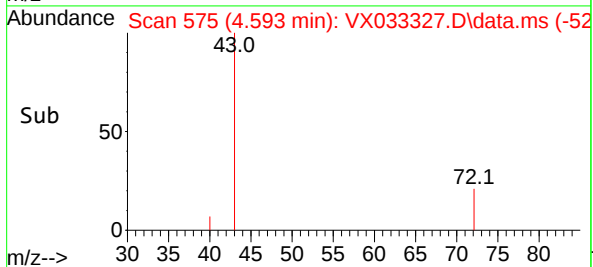
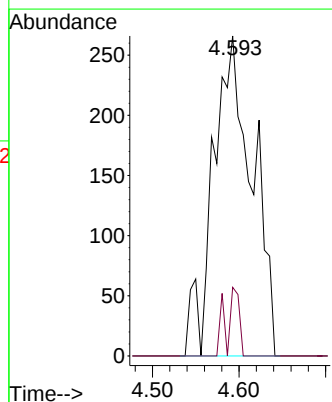
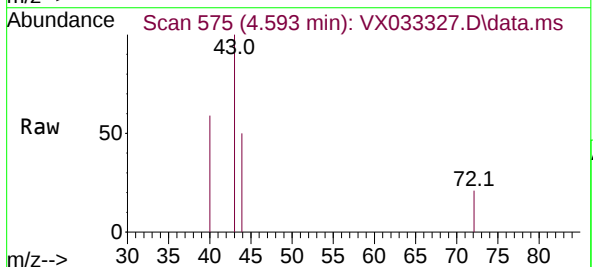
Instrument :
MSVOA_X
ClientSampleId :
1827

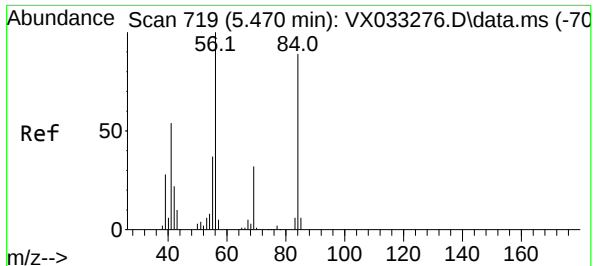
Tgt Ion: 43 Resp: 11252
Ion Ratio Lower Upper
43 100
58 29.1 23.8 35.8



#25
2-Butanone
Concen: 0.850 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

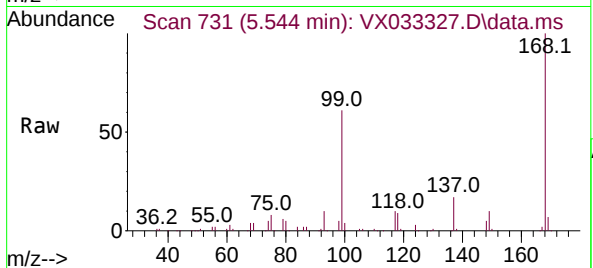
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
72 21.4 22.2 33.2#



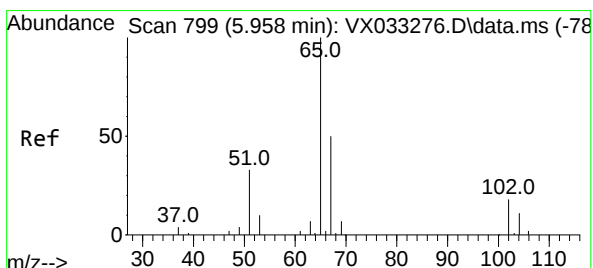
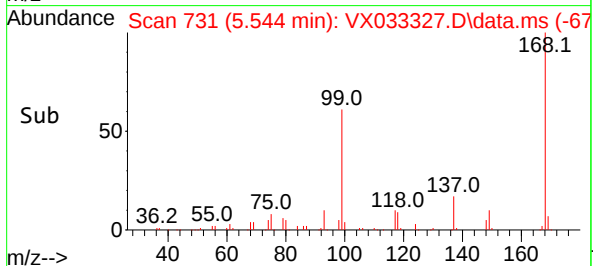
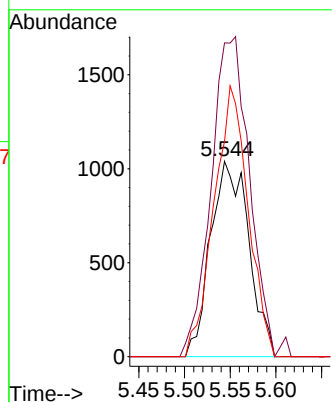


#31
Cyclohexane
Concen: 1.374 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
1827

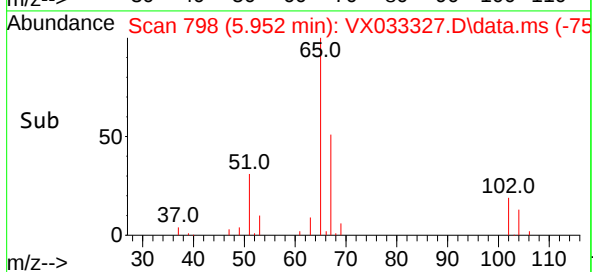
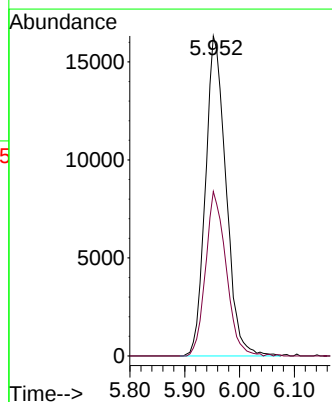
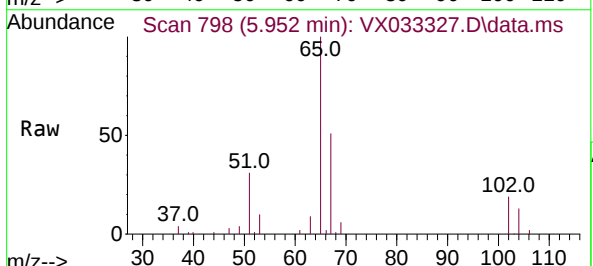


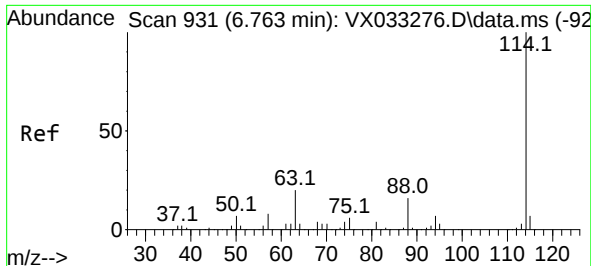
Tgt Ion: 56 Resp: 3020
Ion Ratio Lower Upper
56 100
69 160.6 24.1 36.1#
84 110.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 45.867 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Tgt Ion: 65 Resp: 42406
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

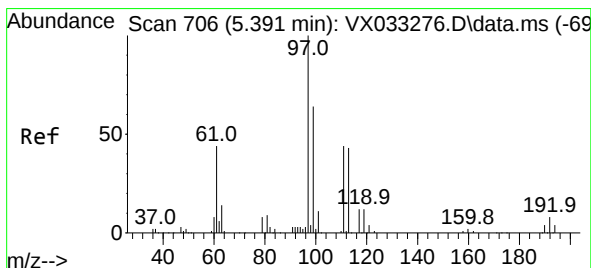
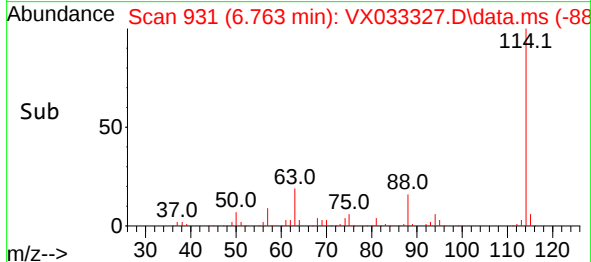
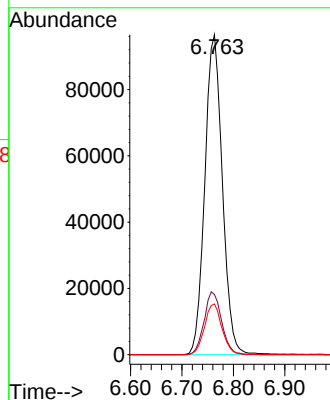
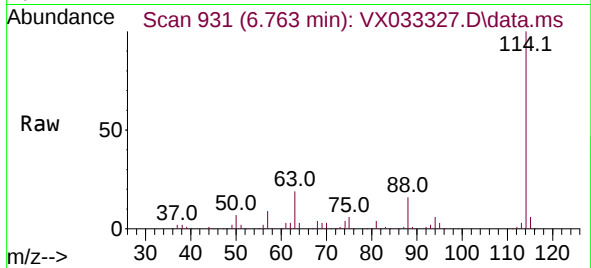




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

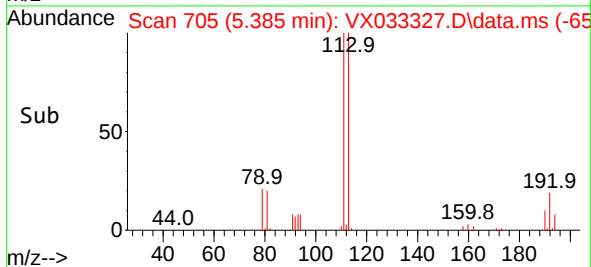
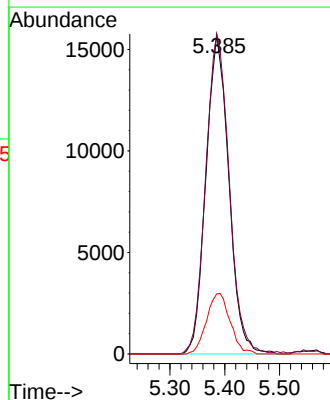
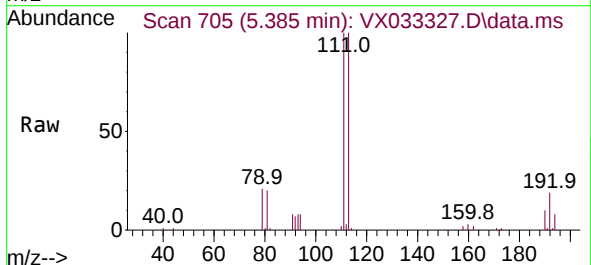
Instrument :
MSVOA_X
ClientSampleId :
1827

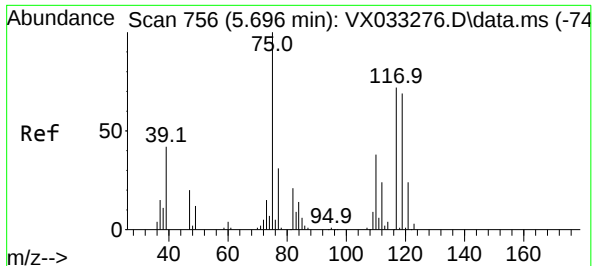
Tgt Ion:114 Resp: 228600
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 44.205 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Tgt Ion:113 Resp: 45452
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.5 15.4 23.2

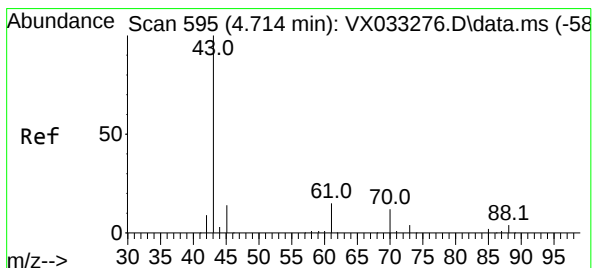
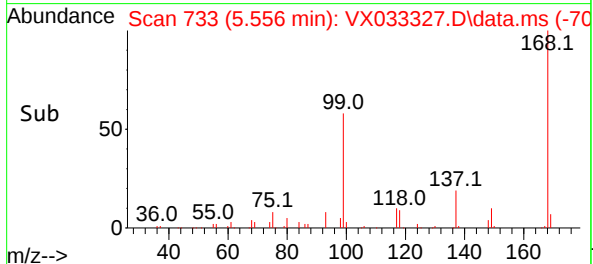
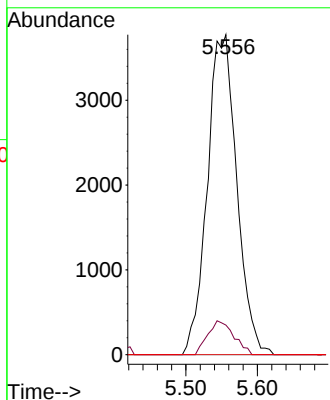
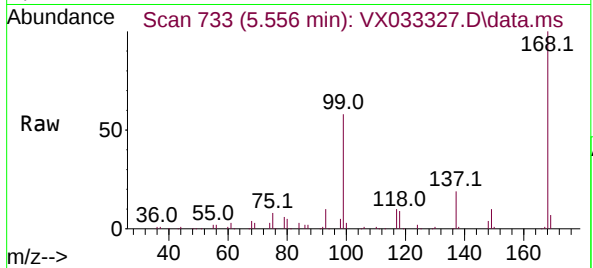




#36
1,1-Dichloropropene
Concen: 5.387 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

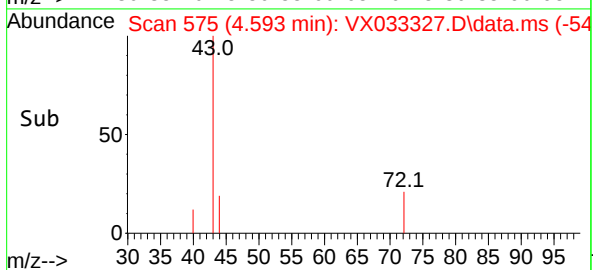
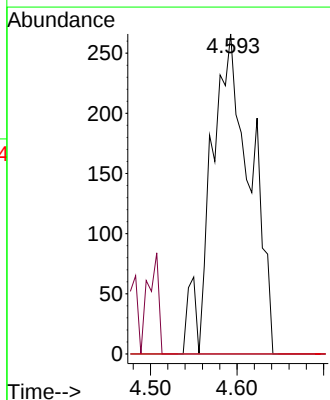
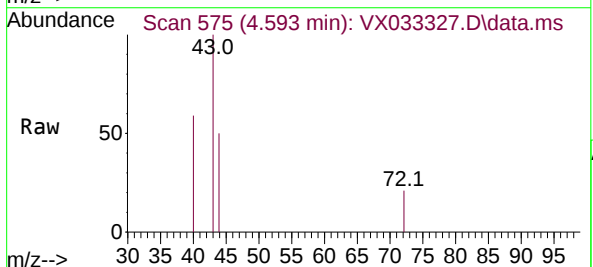
Instrument :
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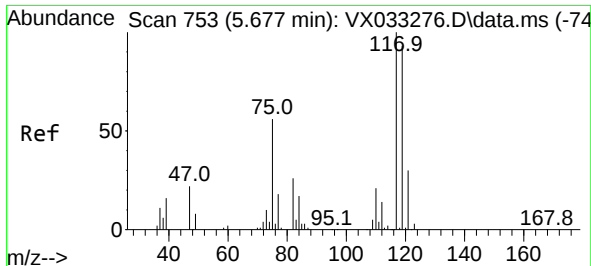
Tgt Ion: 75 Resp: 10799
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 0.441 ug/l
RT: 4.593 min Scan# 575
Delta R.T. -0.122 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

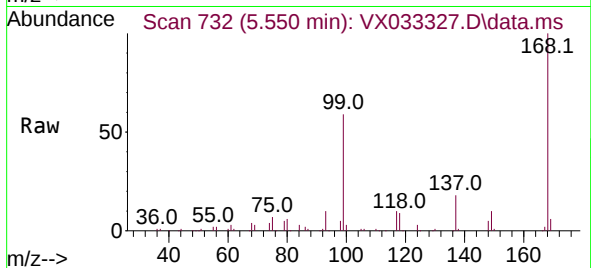
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.1 13.7#



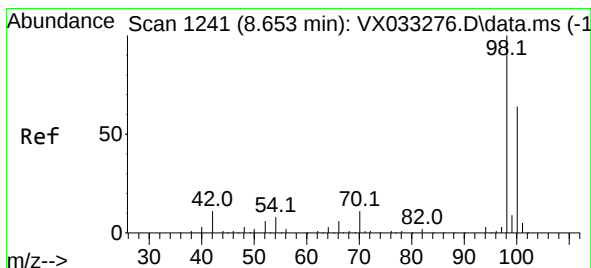
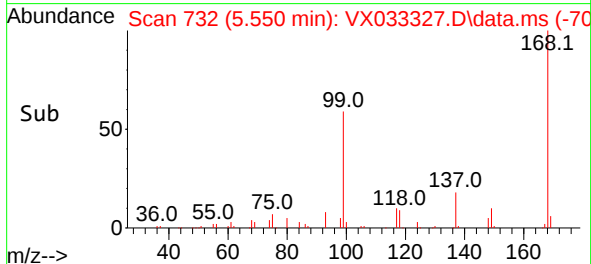
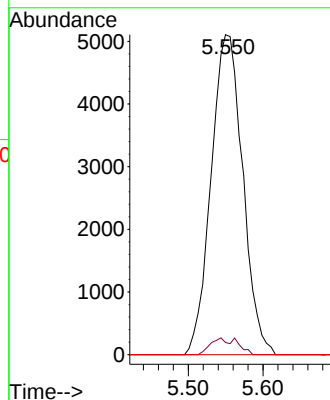


#38
Carbon Tetrachloride
Concen: 6.692 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Instrument :
MSVOA_X
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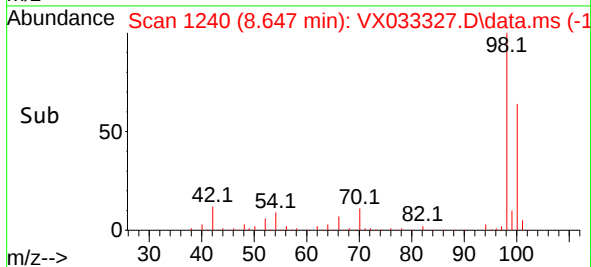
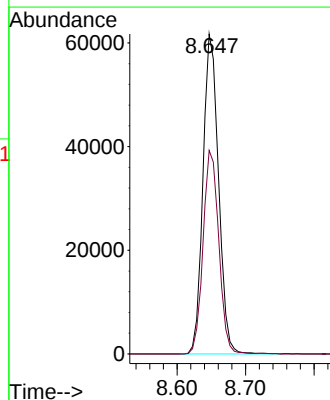
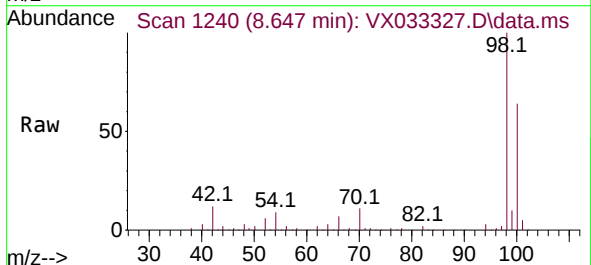


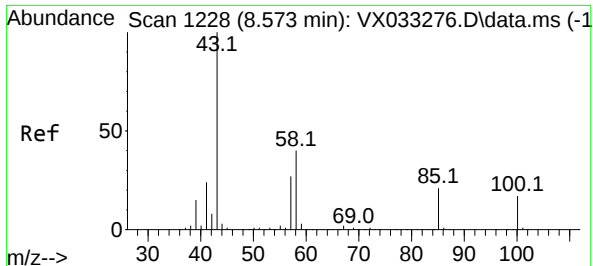
Tgt Ion:117 Resp: 15031
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.337 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Tgt Ion: 98 Resp: 97517
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.212 ug/l

RT: 8.641 min Scan# 1

Delta R.T. 0.067 min

Lab File: VX033327.D

Acq: 08 Dec 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

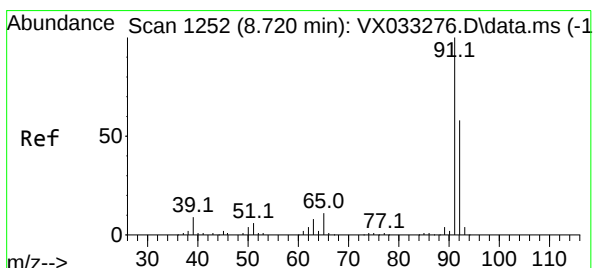
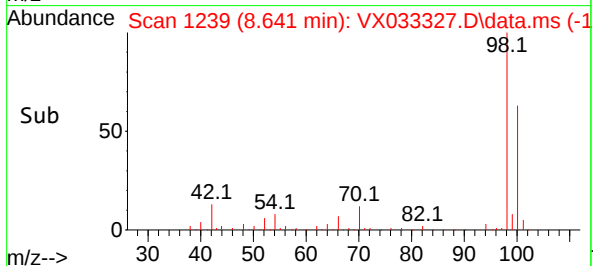
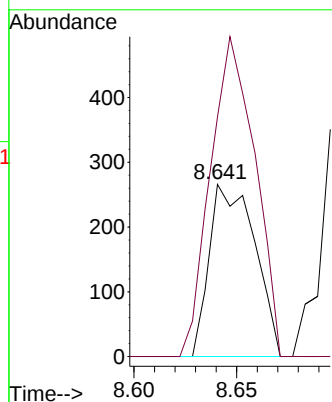
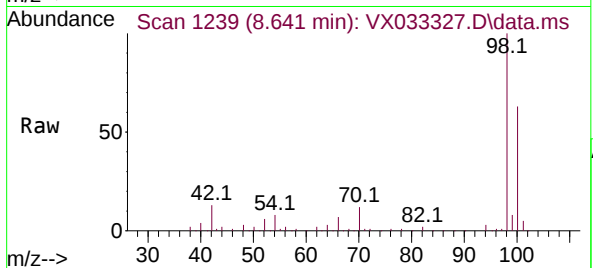
1827

Tgt Ion: 43 Resp: 409

Ion Ratio Lower Upper

43 100

58 182.6 30.9 46.3#



#52

Toluene

Concen: 164.579 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033327.D

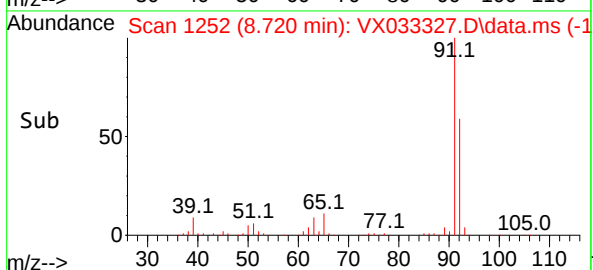
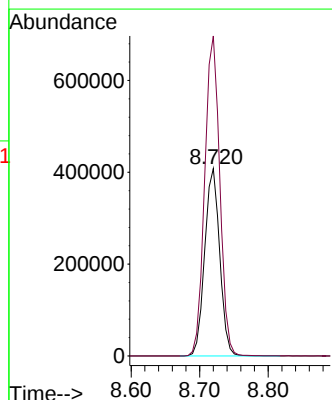
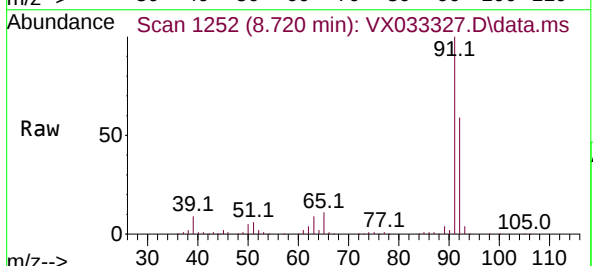
Acq: 08 Dec 2022 16:41

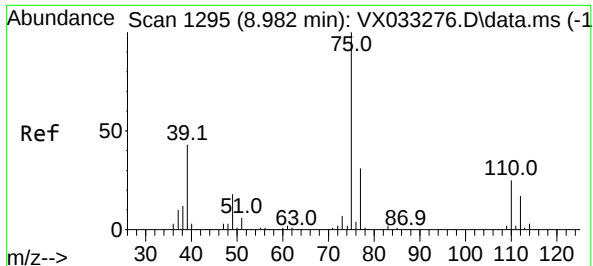
Tgt Ion: 92 Resp: 621951

Ion Ratio Lower Upper

92 100

91 171.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 5.584 ug/l

RT: 8.714 min Scan# 11

Delta R.T. -0.268 min

Lab File: VX033327.D

Acq: 08 Dec 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

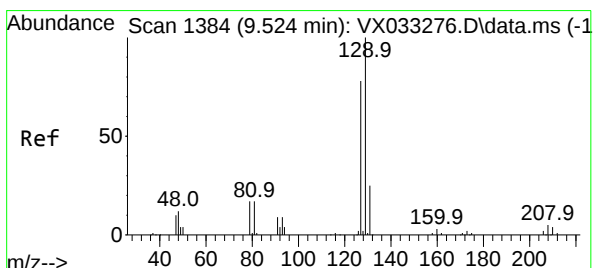
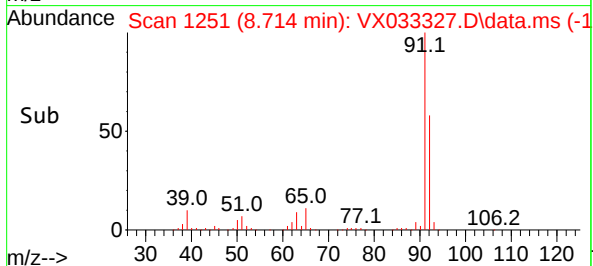
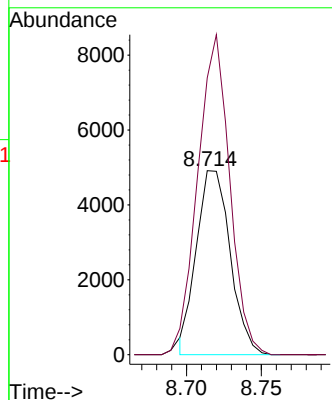
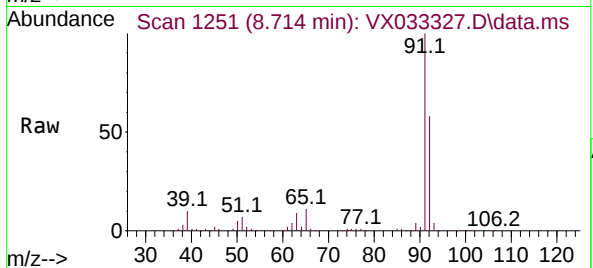
1827

Tgt Ion: 75 Resp: 7729

Ion Ratio Lower Upper

75 100

77 150.5 25.1 37.7#



#60

Dibromochloromethane

Concen: 3.109 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX033327.D

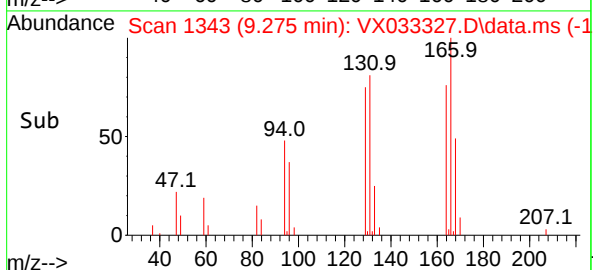
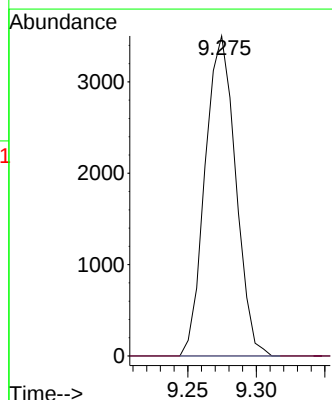
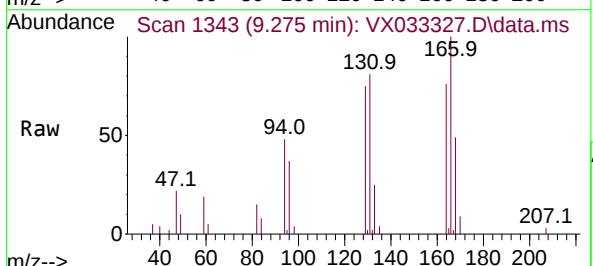
Acq: 08 Dec 2022 16:41

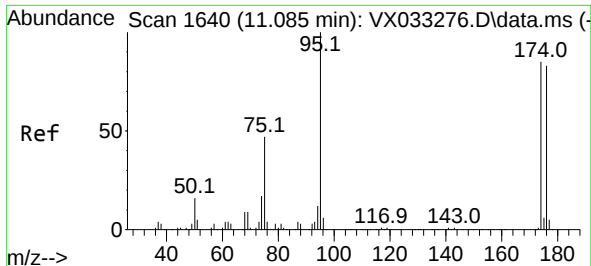
Tgt Ion: 129 Resp: 5441

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#

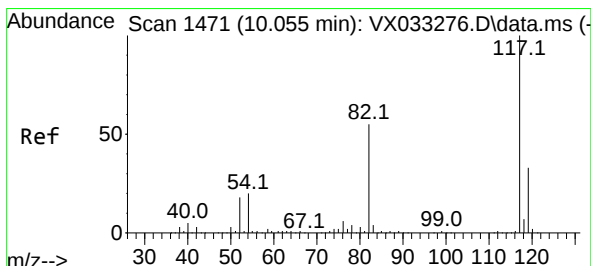
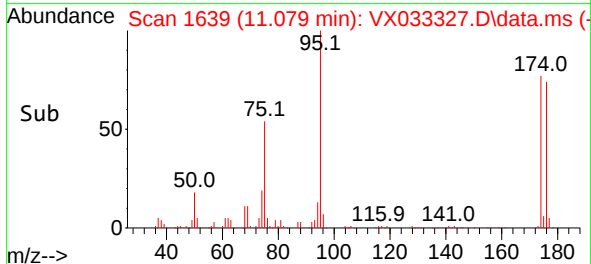
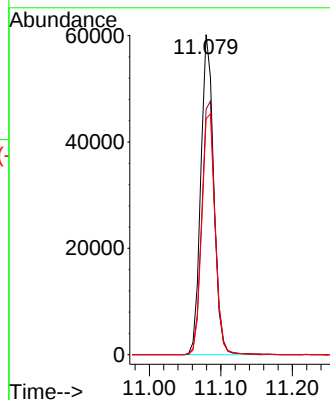
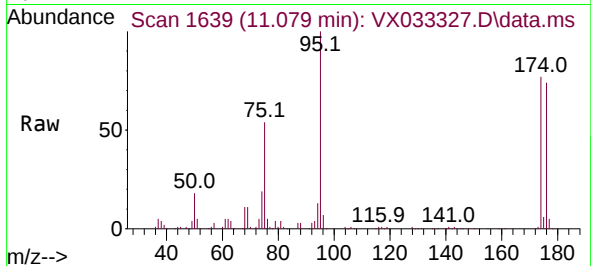




#62
4-Bromofluorobenzene
Concen: 45.714 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

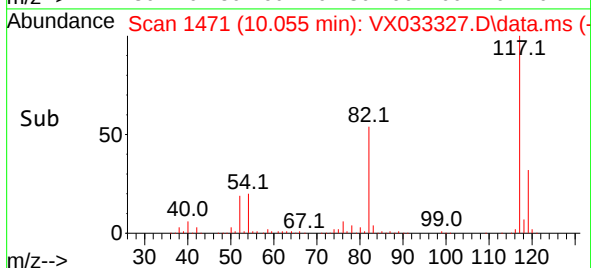
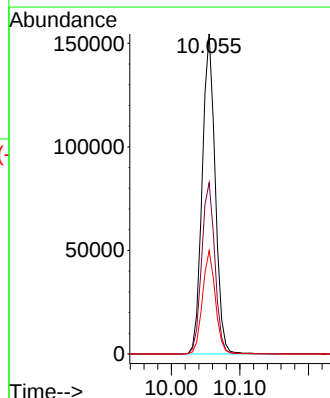
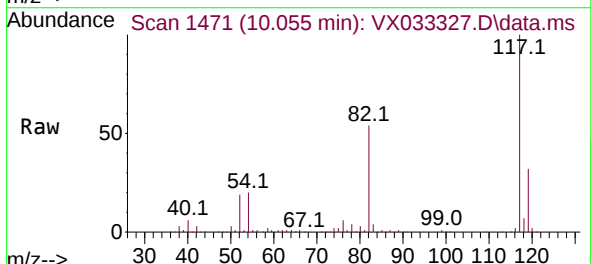
Instrument :
MSVOA_X
ClientSampleId :
1827

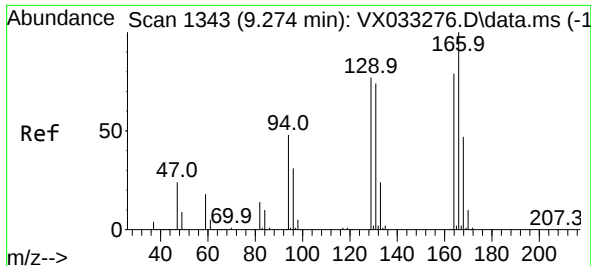
Tgt Ion: 95 Resp: 75183
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 78.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Tgt Ion: 117 Resp: 204370
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.3 25.7 38.5



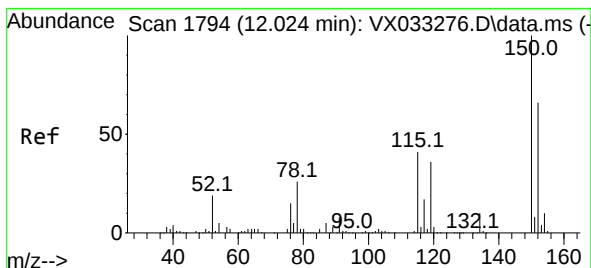
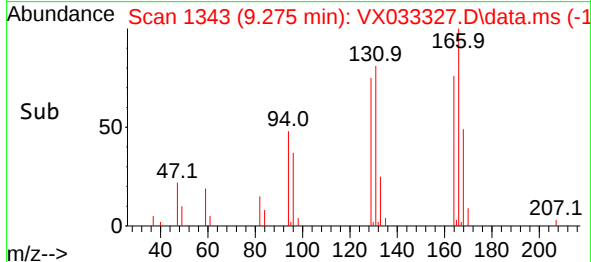
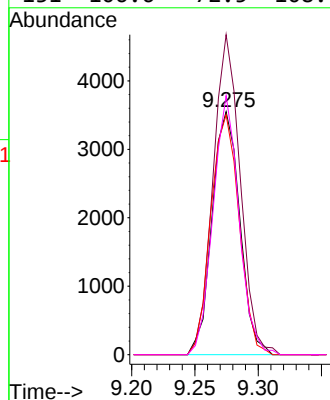
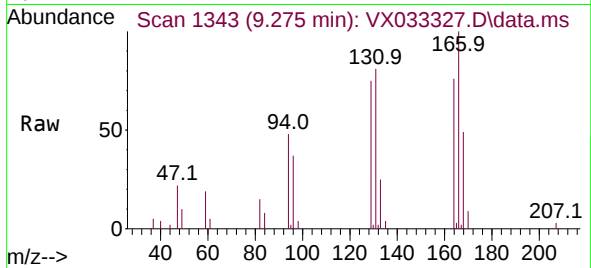


#64
Tetrachloroethene
Concen: 3.878 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
1827

Tgt Ion:164 Resp: 5420

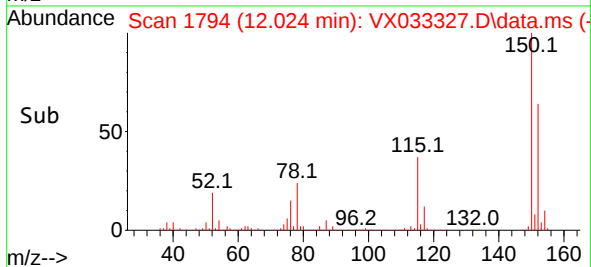
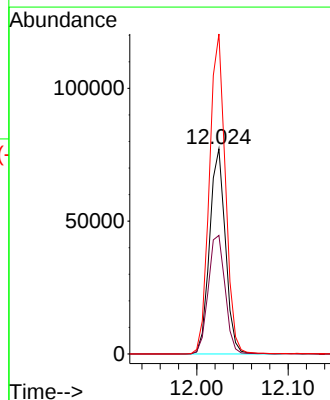
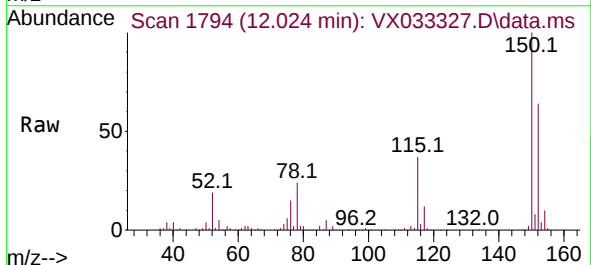
Ion	Ratio	Lower	Upper
164	100		
166	131.7	105.4	158.2
129	98.6	78.2	117.2
131	106.6	72.5	108.7

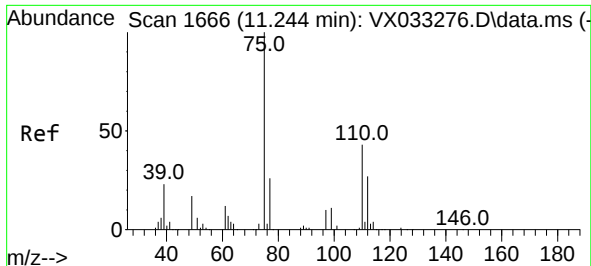


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Tgt Ion:152 Resp: 92986

Ion	Ratio	Lower	Upper
152	100		
115	61.5	44.0	132.0
150	157.9	0.0	351.8

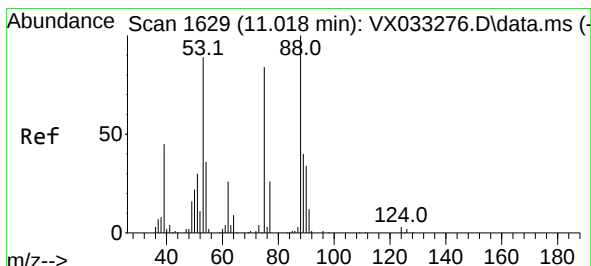
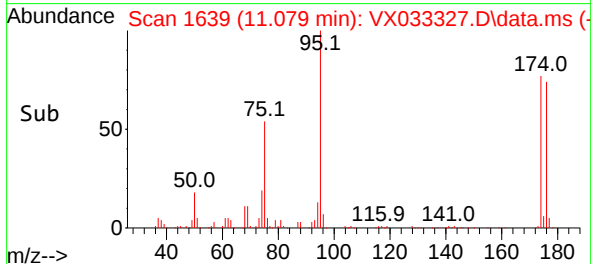
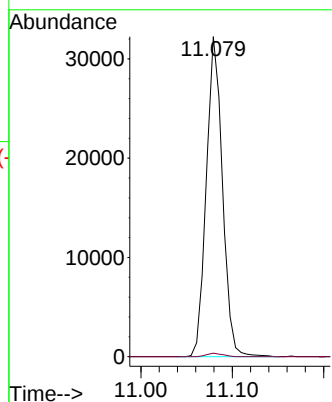
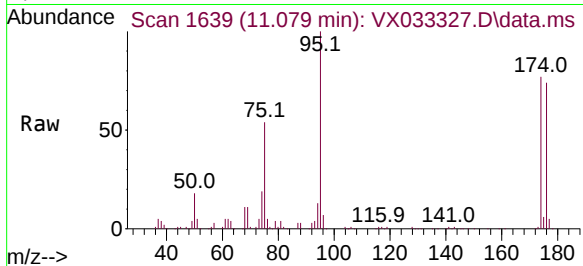




#76
1,2,3-Trichloropropane
Concen: 20.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
1827

Tgt Ion: 75 Resp: 39462
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.887 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033327.D
Acq: 08 Dec 2022 16:41

Tgt Ion: 75 Resp: 39462
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

