

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027819.D
 Acq On : 30 Mar 2022 18:35
 Operator : JC/MD
 Sample : N2041-14DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20220317DL

Quant Time: Mar 31 05:51:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

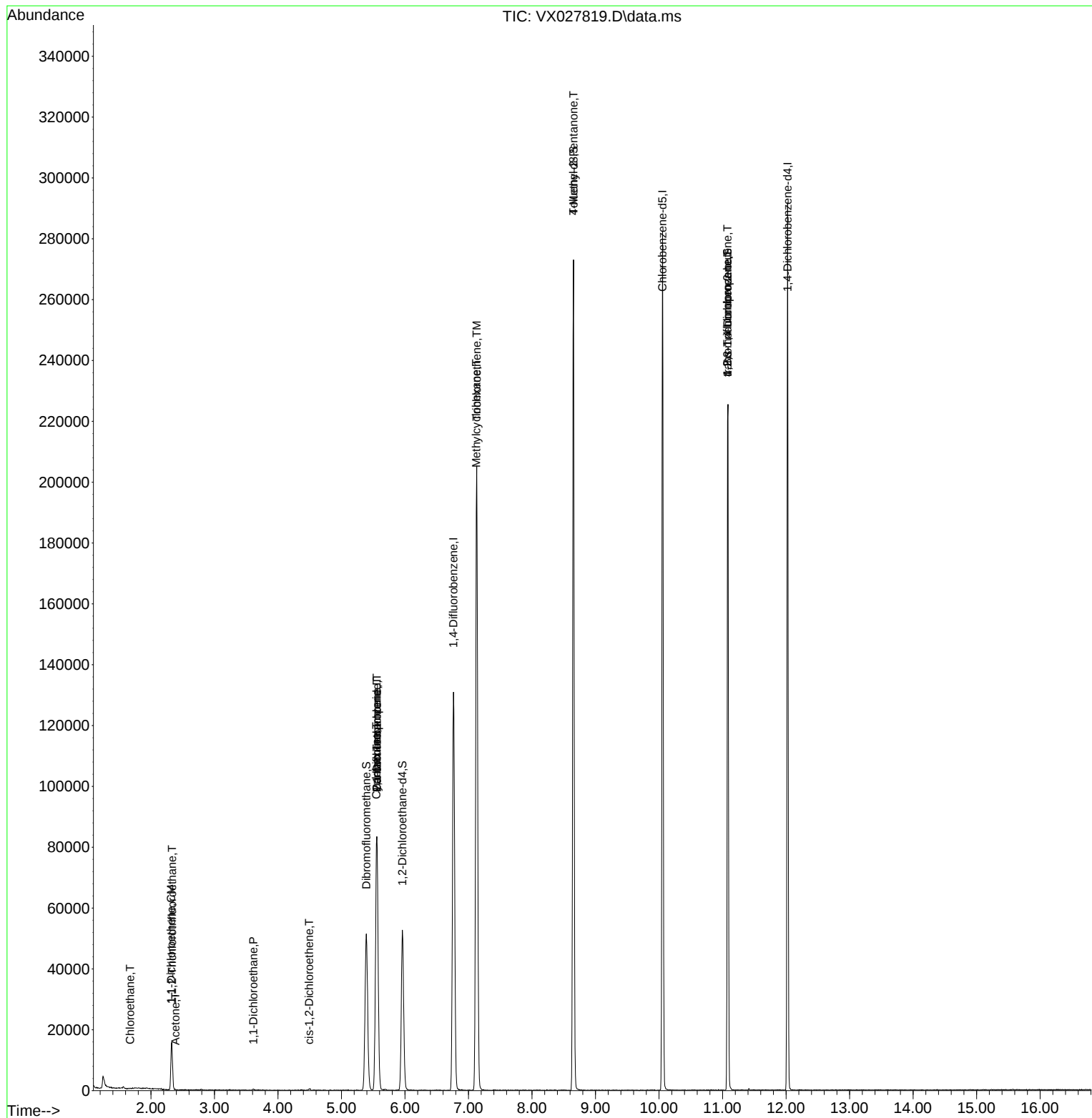
Internal Standards						
1) Pentafluorobenzene	5.556	168	80086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50181	48.562	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.120%
35) Dibromofluoromethane	5.391	113	44928	49.975	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.940%
50) Toluene-d8	8.653	98	162858	51.486	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.980%
62) 4-Bromofluorobenzene	11.079	95	63996	47.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.220%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	198	0.447	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	4139	5.519	ug/l	96
12) 1,1-Dichloroethene	2.319	96	2303	3.347	ug/l	94
16) Acetone	2.386	43	222	0.485	ug/l #	39
24) 1,1-Dichloroethane	3.611	63	472	0.331	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	334	0.371	ug/l	71
31) Cyclohexane	5.550	56	1454	1.273	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	5949	5.254	ug/l #	49
38) Carbon Tetrachloride	5.556	117	8139	6.506	ug/l #	18
39) Methylcyclohexane	7.123	83	912	0.684	ug/l #	1
44) Trichloroethene	7.129	130	80176	85.977	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	582	0.373	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33915	28.225	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33915	82.421	ug/l #	15

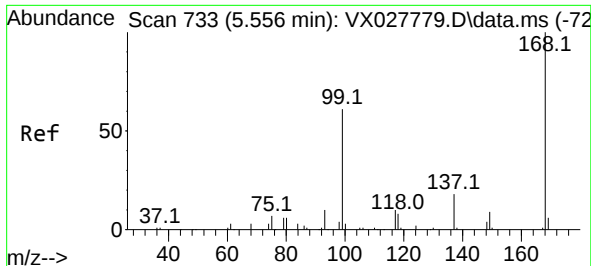
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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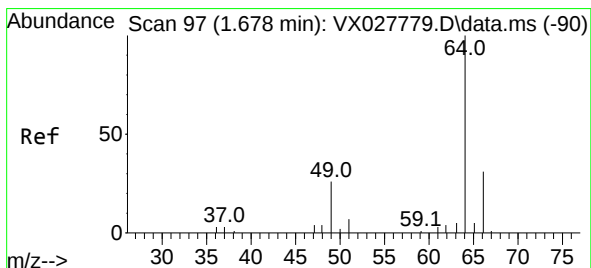
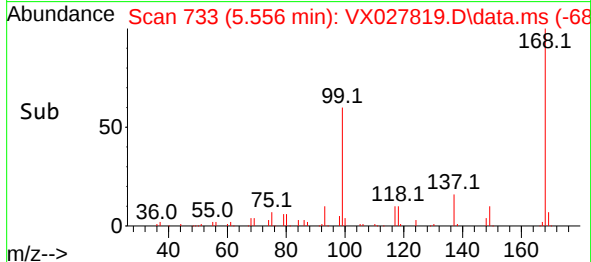
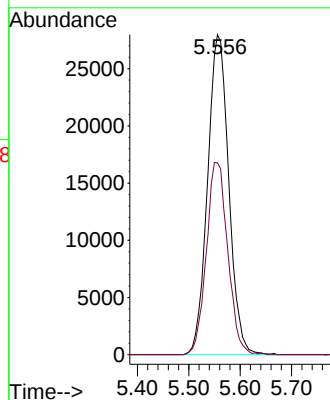
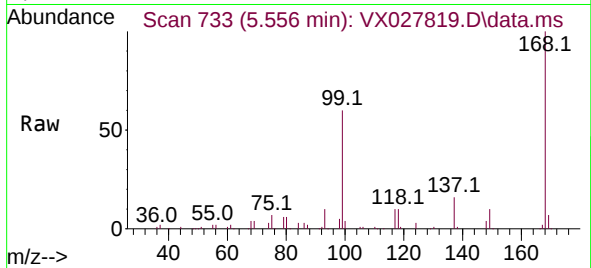




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

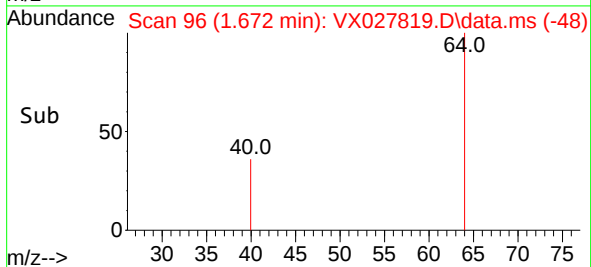
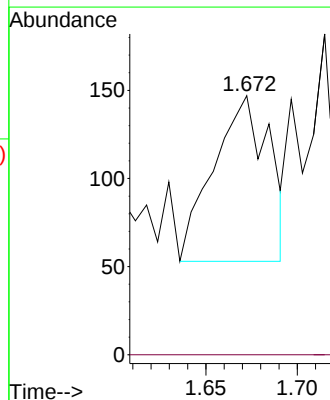
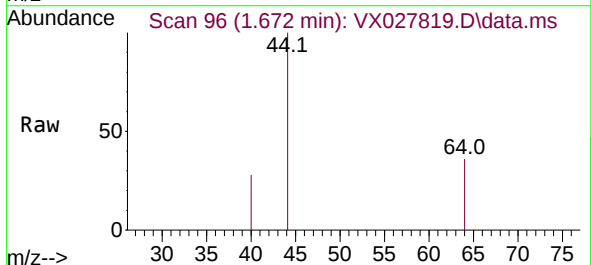
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20220317DL

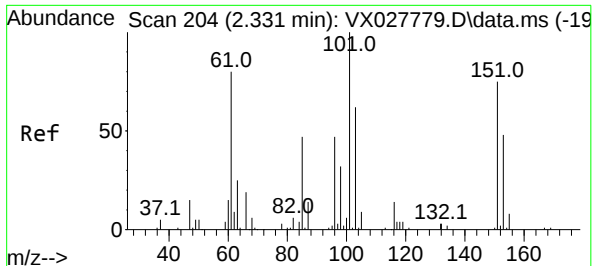
Tgt Ion:168 Resp: 80086
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#6
Chloroethane
Concen: 0.447 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

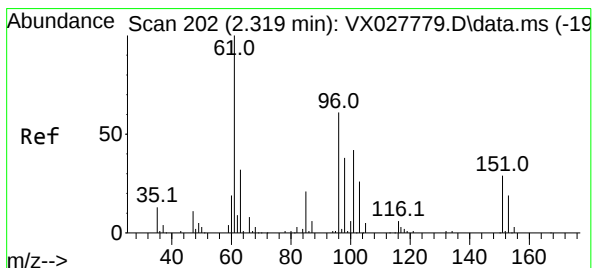
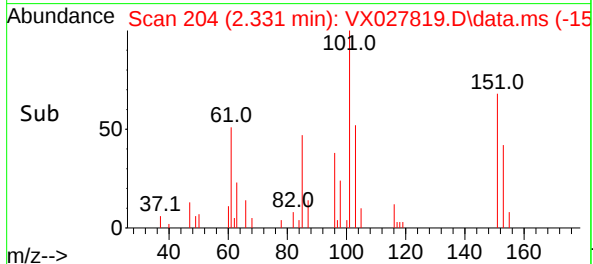
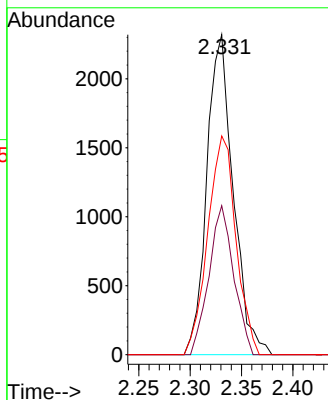
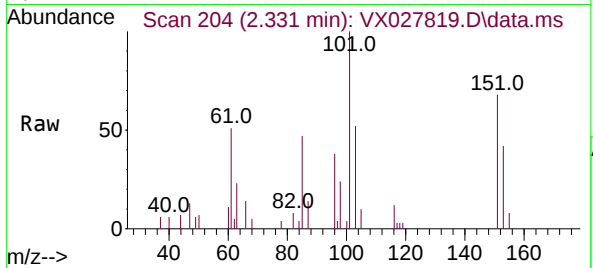




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.519 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

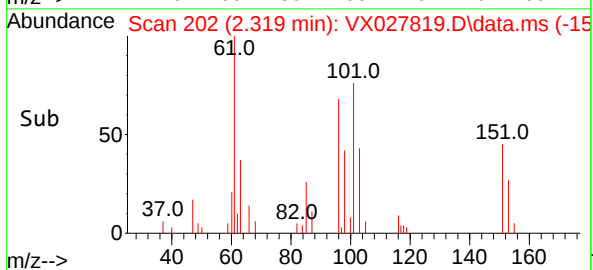
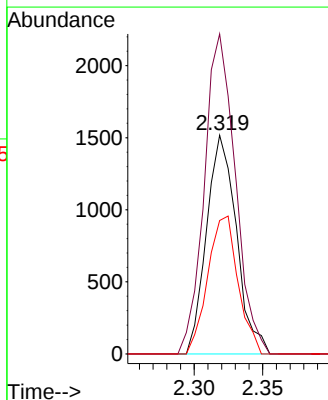
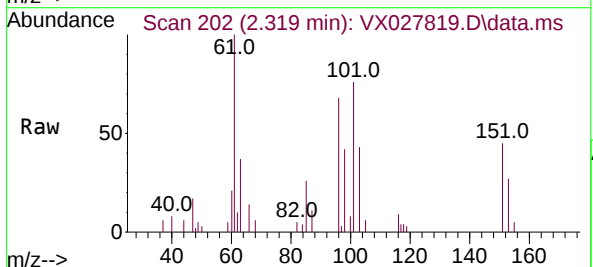
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20220317DL

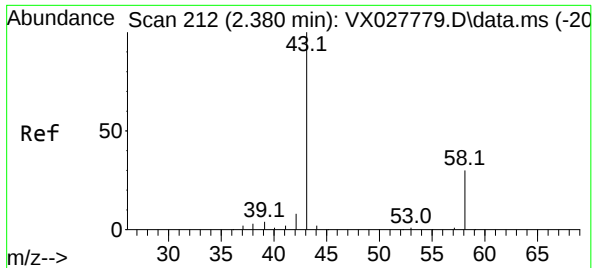
Tgt Ion:101 Resp: 4139
Ion Ratio Lower Upper
101 100
85 43.7 33.5 50.3
151 73.1 61.8 92.6



#12
1,1-Dichloroethene
Concen: 3.347 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

Tgt Ion: 96 Resp: 2303
Ion Ratio Lower Upper
96 100
61 146.3 124.6 187.0
98 61.0 51.0 76.4

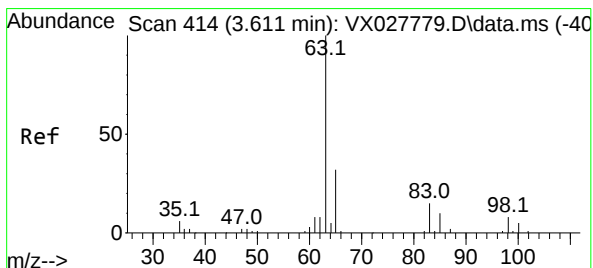
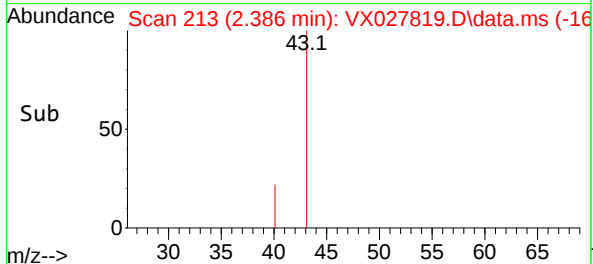
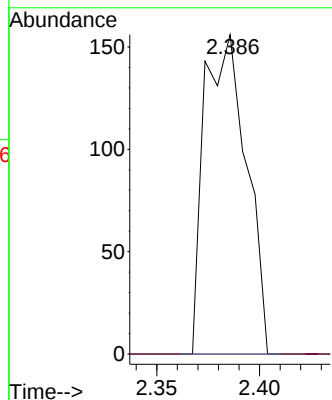
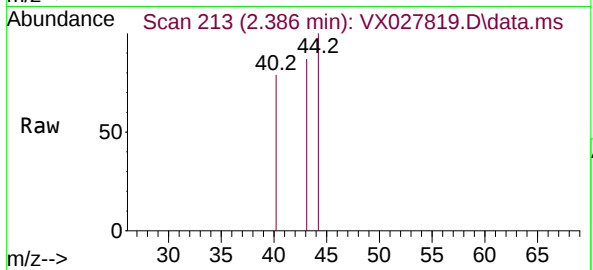




#16
Acetone
Concen: 0.485 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

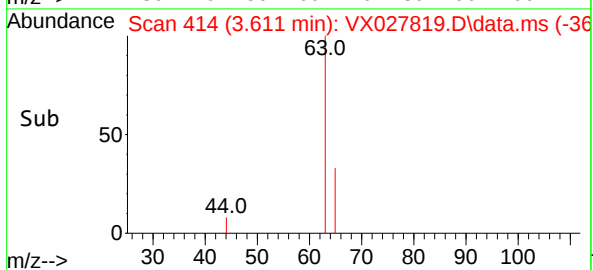
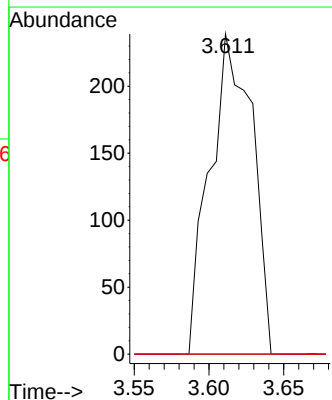
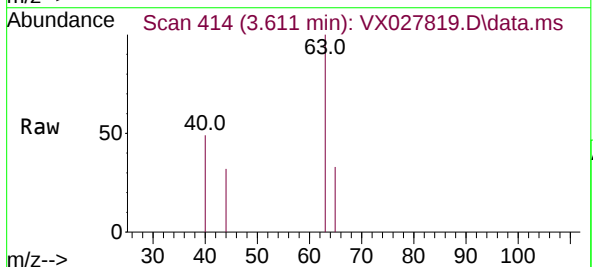
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20220317DL

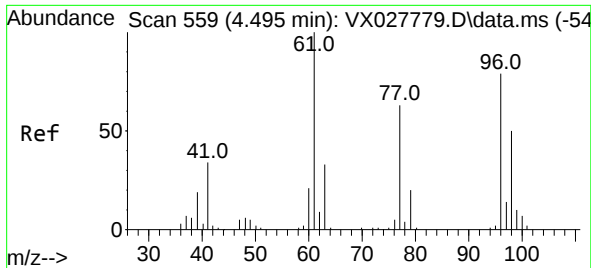
Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#24
1,1-Dichloroethane
Concen: 0.331 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

Tgt Ion: 63 Resp: 472
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#





#27

cis-1,2-Dichloroethene

Concen: 0.371 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX027819.D

Acq: 30 Mar 2022 18:35

Instrument :

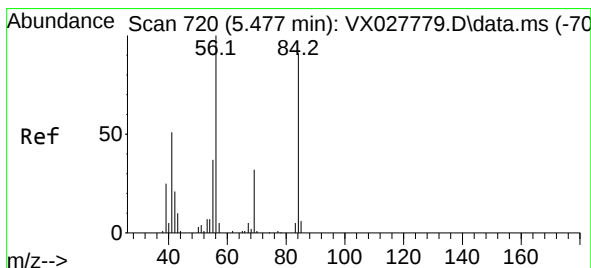
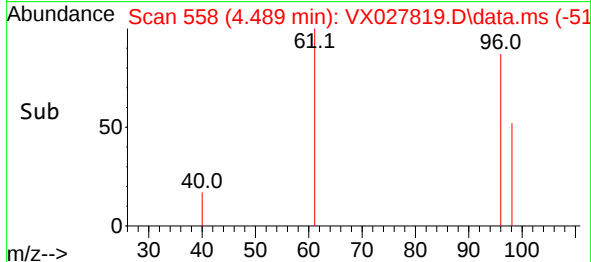
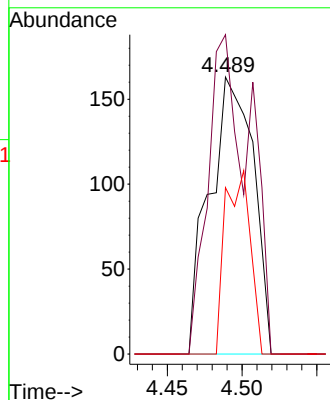
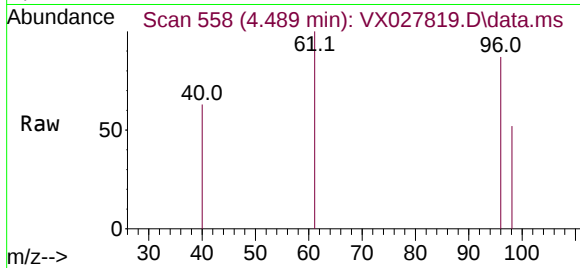
MSVOA_X

ClientSampleId :

RE115D2-20220317DL

Tgt Ion: 96 Resp: 334

Ion	Ratio	Lower	Upper
96	100		
61	108.7	0.0	283.8
98	38.0	0.0	129.8



#31

Cyclohexane

Concen: 1.273 ug/l

RT: 5.550 min Scan# 732

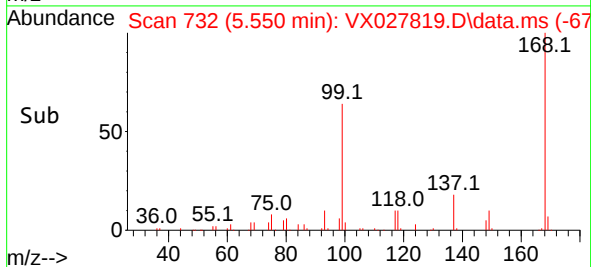
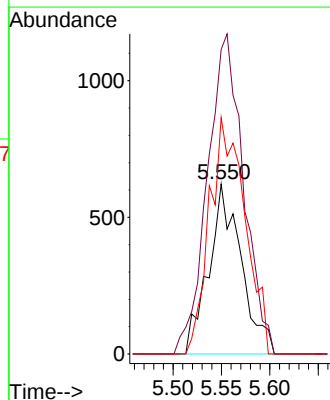
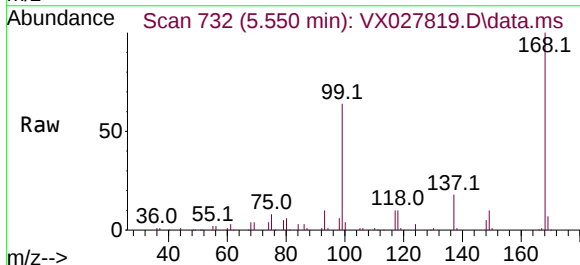
Delta R.T. 0.073 min

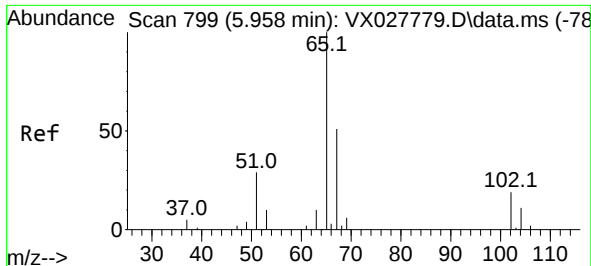
Lab File: VX027819.D

Acq: 30 Mar 2022 18:35

Tgt Ion: 56 Resp: 1454

Ion	Ratio	Lower	Upper
56	100		
69	179.1	26.7	40.1#
84	139.1	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.562 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027819.D

Acq: 30 Mar 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :

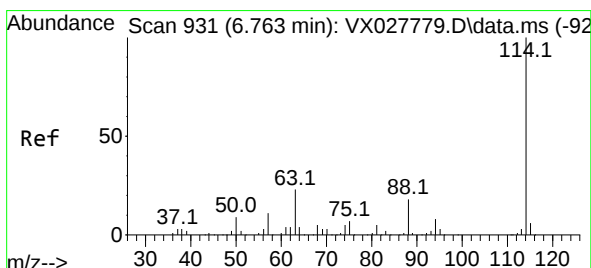
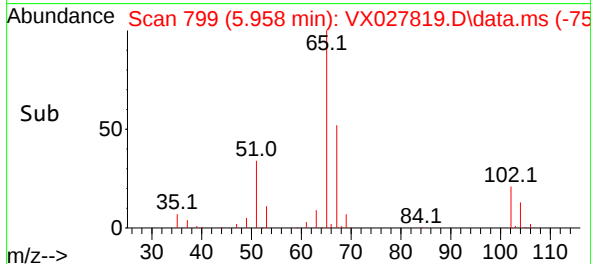
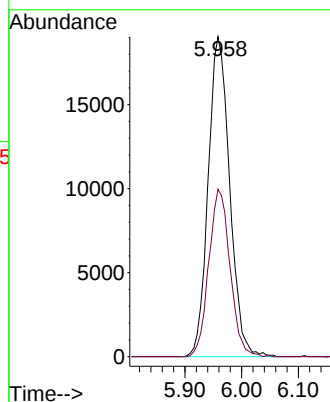
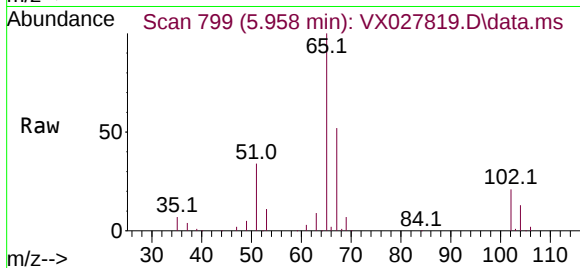
RE115D2-20220317DL

Tgt Ion: 65 Resp: 50181

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027819.D

Acq: 30 Mar 2022 18:35

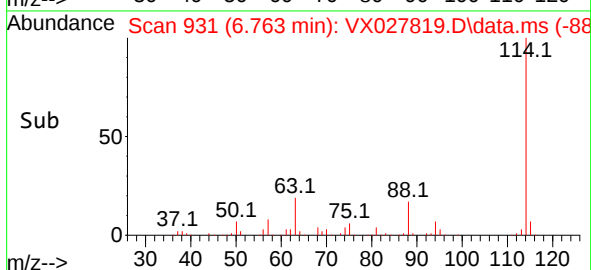
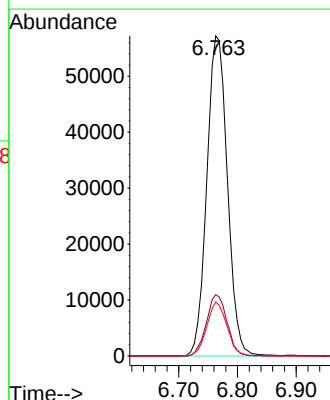
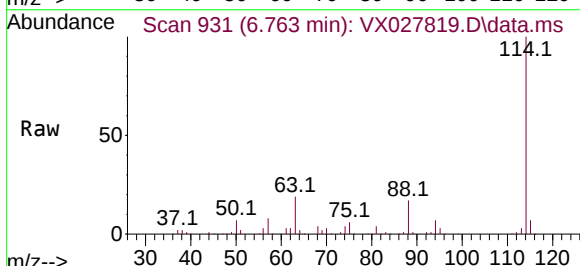
Tgt Ion: 114 Resp: 139279

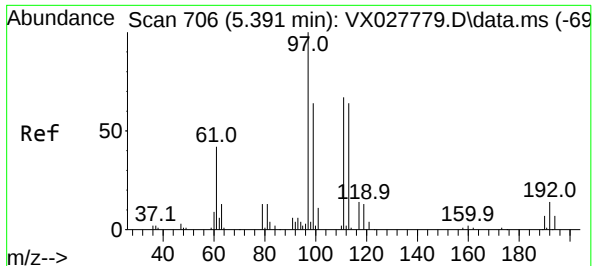
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 16.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.975 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027819.D

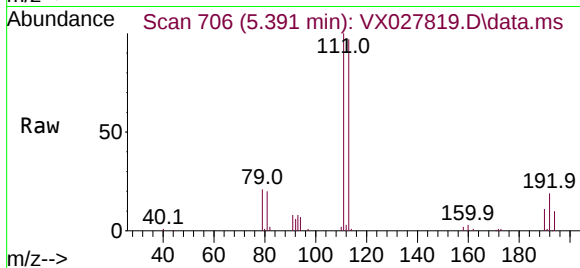
Acq: 30 Mar 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :

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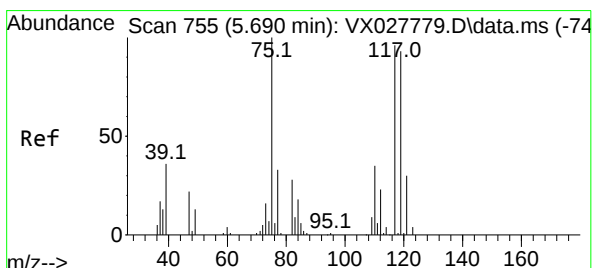
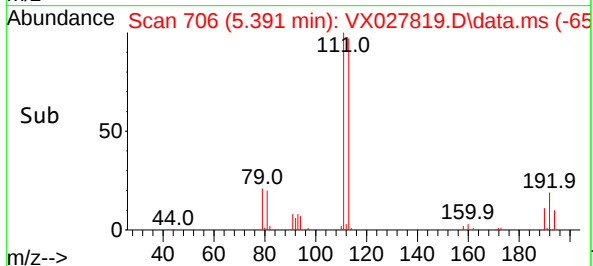
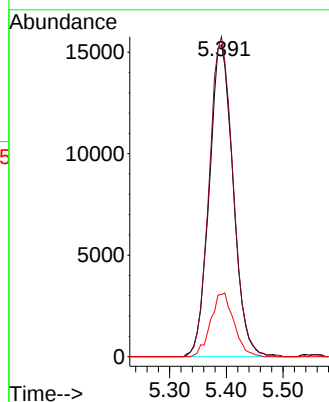
Tgt Ion:113 Resp: 44928

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 19.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.254 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027819.D

Acq: 30 Mar 2022 18:35

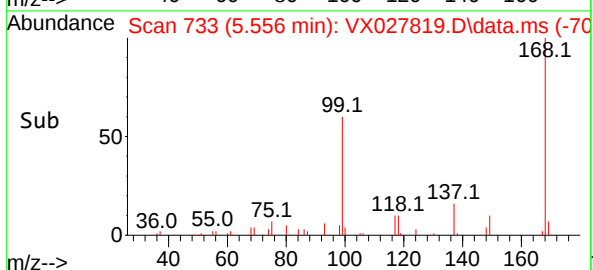
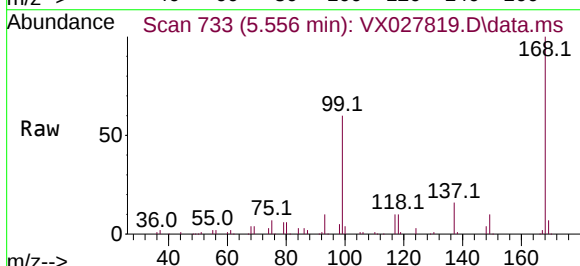
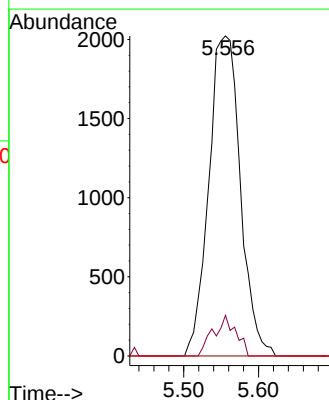
Tgt Ion: 75 Resp: 5949

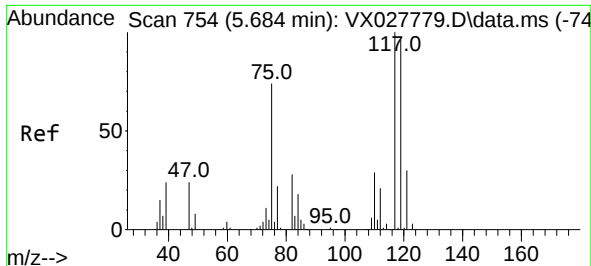
Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

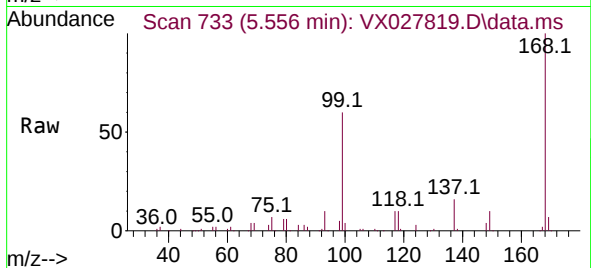
77 0.0 24.8 37.2#



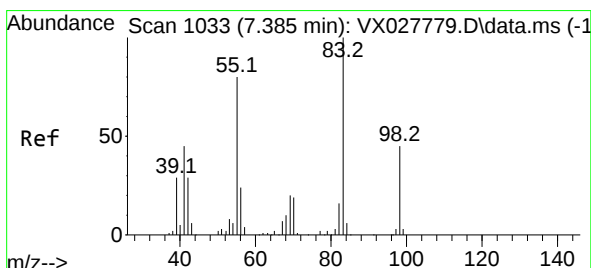
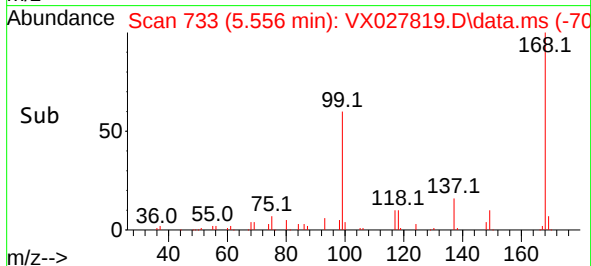
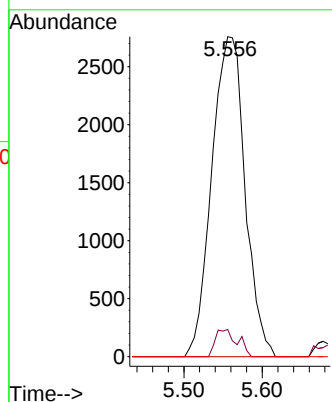


#38
Carbon Tetrachloride
Concen: 6.506 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20220317DL

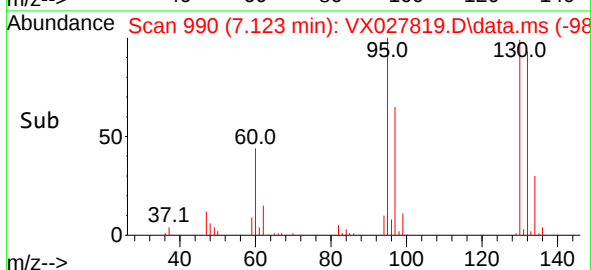
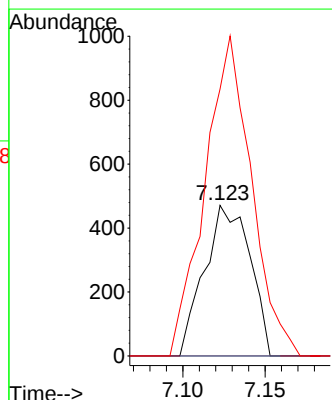
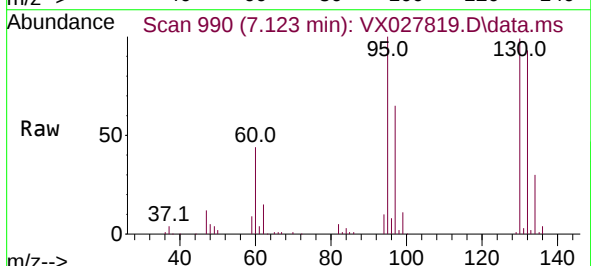


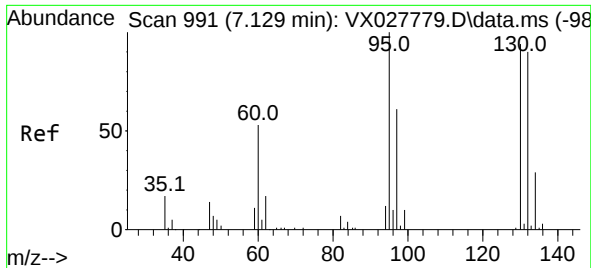
Tgt Ion:117 Resp: 8139
Ion Ratio Lower Upper
117 100
119 8.5 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.684 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

Tgt Ion: 83 Resp: 912
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 156.1 37.4 56.2#

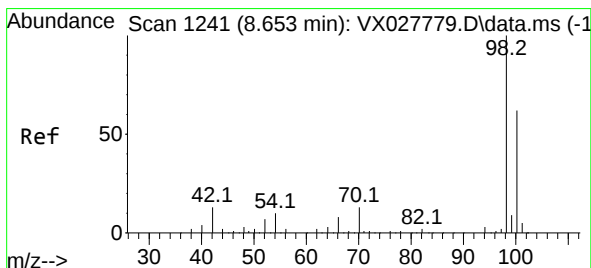
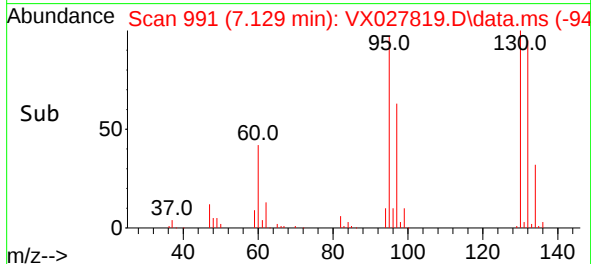
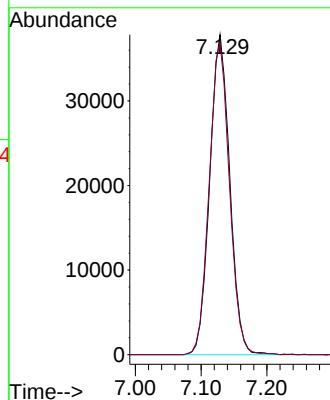
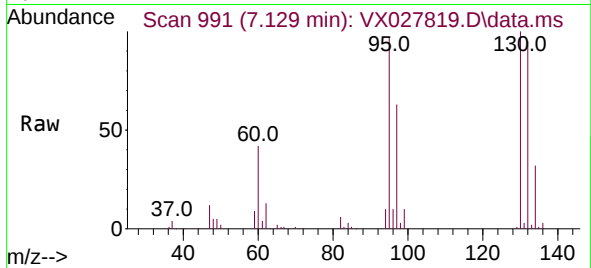




#44
Trichloroethene
Concen: 85.977 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

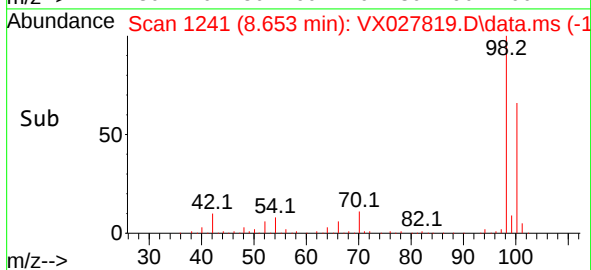
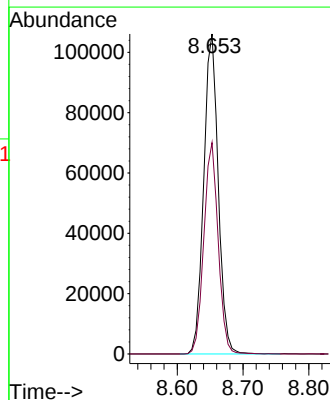
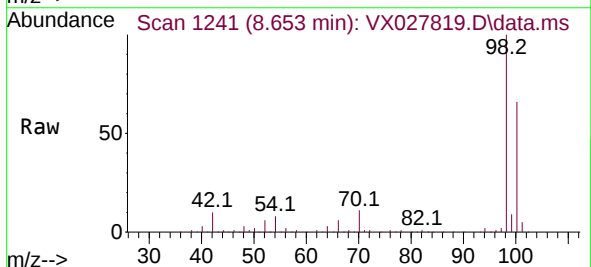
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20220317DL

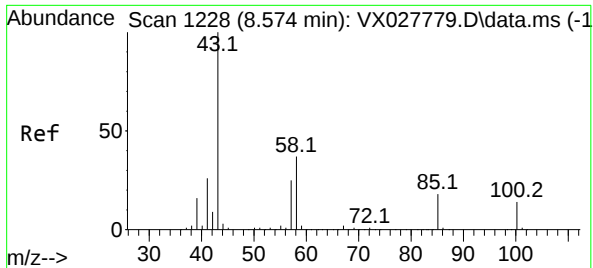
Tgt Ion:130 Resp: 80176
Ion Ratio Lower Upper
130 100
95 97.5 0.0 188.8



#50
Toluene-d8
Concen: 51.486 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

Tgt Ion: 98 Resp: 162858
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

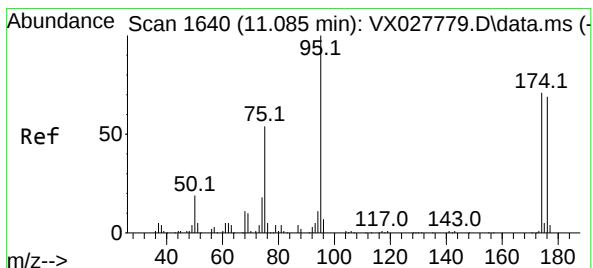
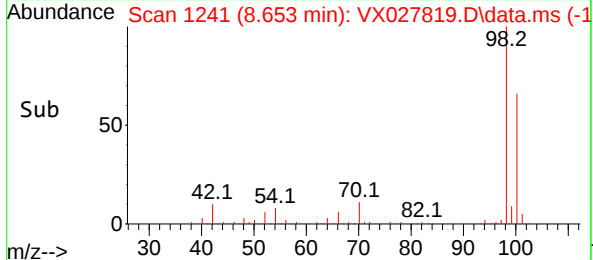
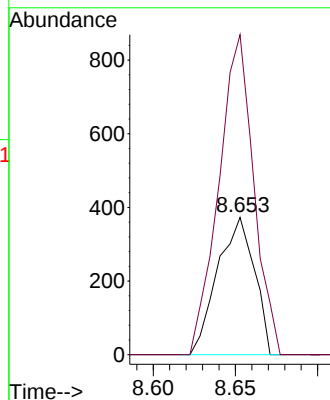
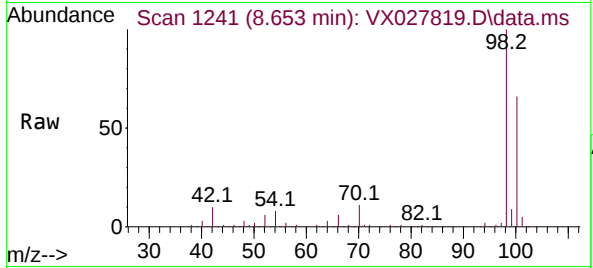




#51
4-Methyl-2-Pentanone
Concen: 0.373 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

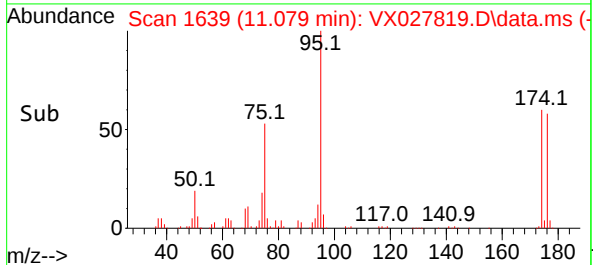
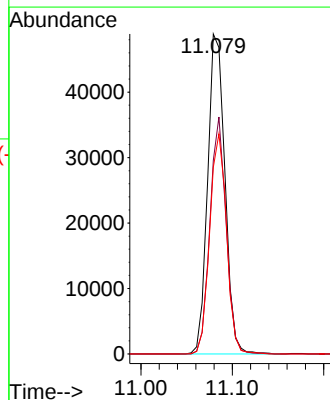
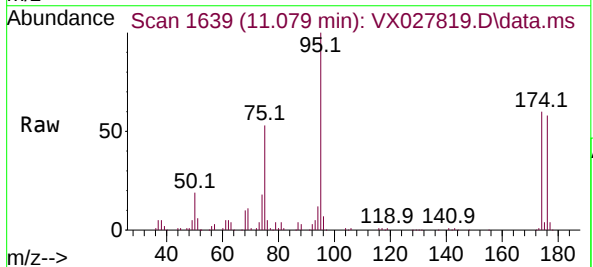
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20220317DL

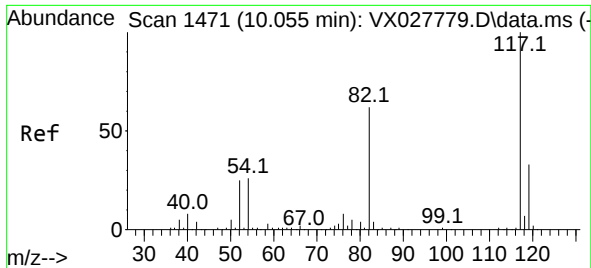
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
58 220.6 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 47.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

Tgt Ion: 95 Resp: 63996
Ion Ratio Lower Upper
95 100
174 69.3 0.0 163.0
176 67.1 0.0 155.0

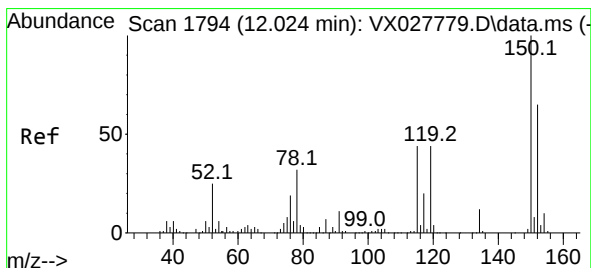
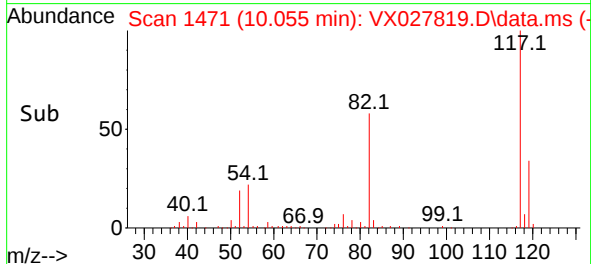
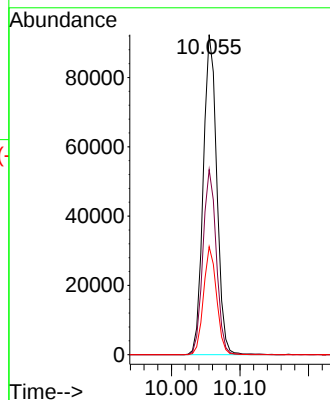
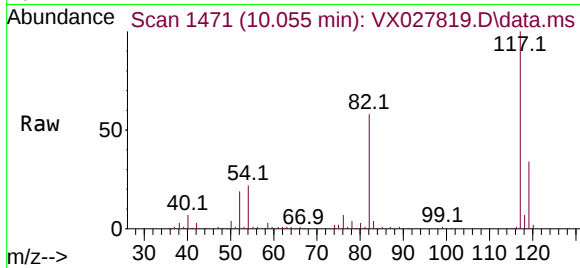




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

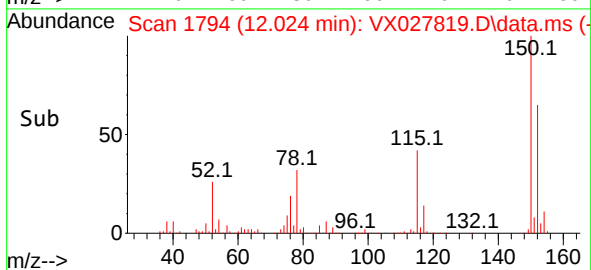
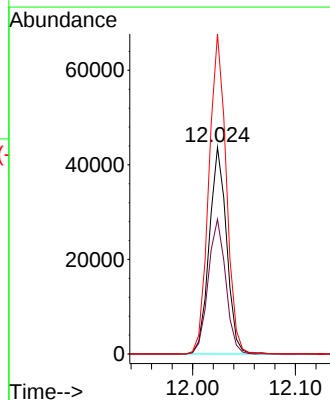
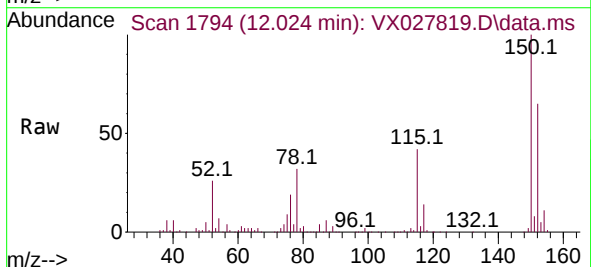
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20220317DL

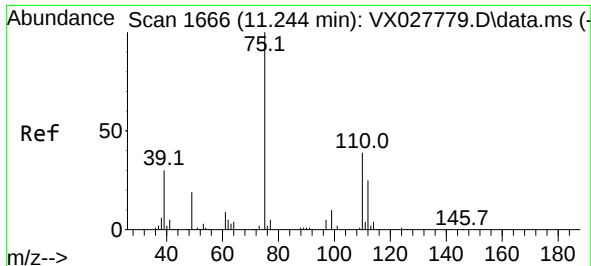
Tgt Ion:117 Resp: 127255
Ion Ratio Lower Upper
117 100
82 57.9 41.8 62.8
119 33.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

Tgt Ion:152 Resp: 51222
Ion Ratio Lower Upper
152 100
115 66.0 37.5 112.7
150 155.8 0.0 338.2

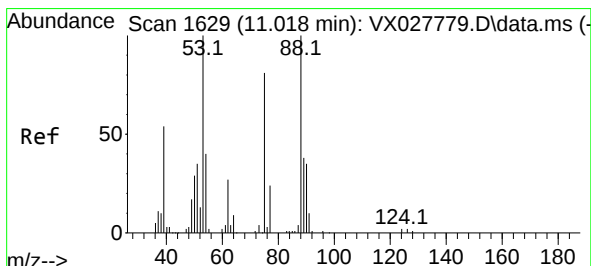
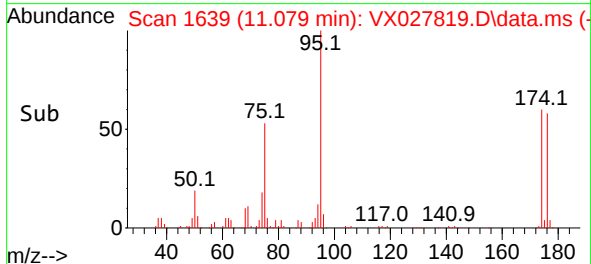
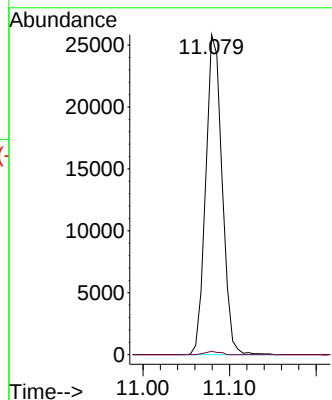
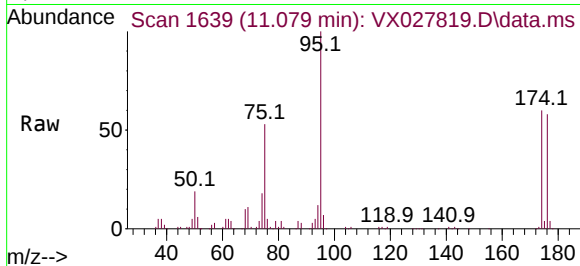




#76
1,2,3-Trichloropropane
Concen: 28.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20220317DL

Tgt Ion: 75 Resp: 33915
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.421 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027819.D
Acq: 30 Mar 2022 18:35

Tgt Ion: 75 Resp: 33915
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

