

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027599.D
 Acq On : 21 Mar 2022 20:22
 Operator : JC/MD
 Sample : N2000-21DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20220316DL

Quant Time: Mar 22 05:50:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

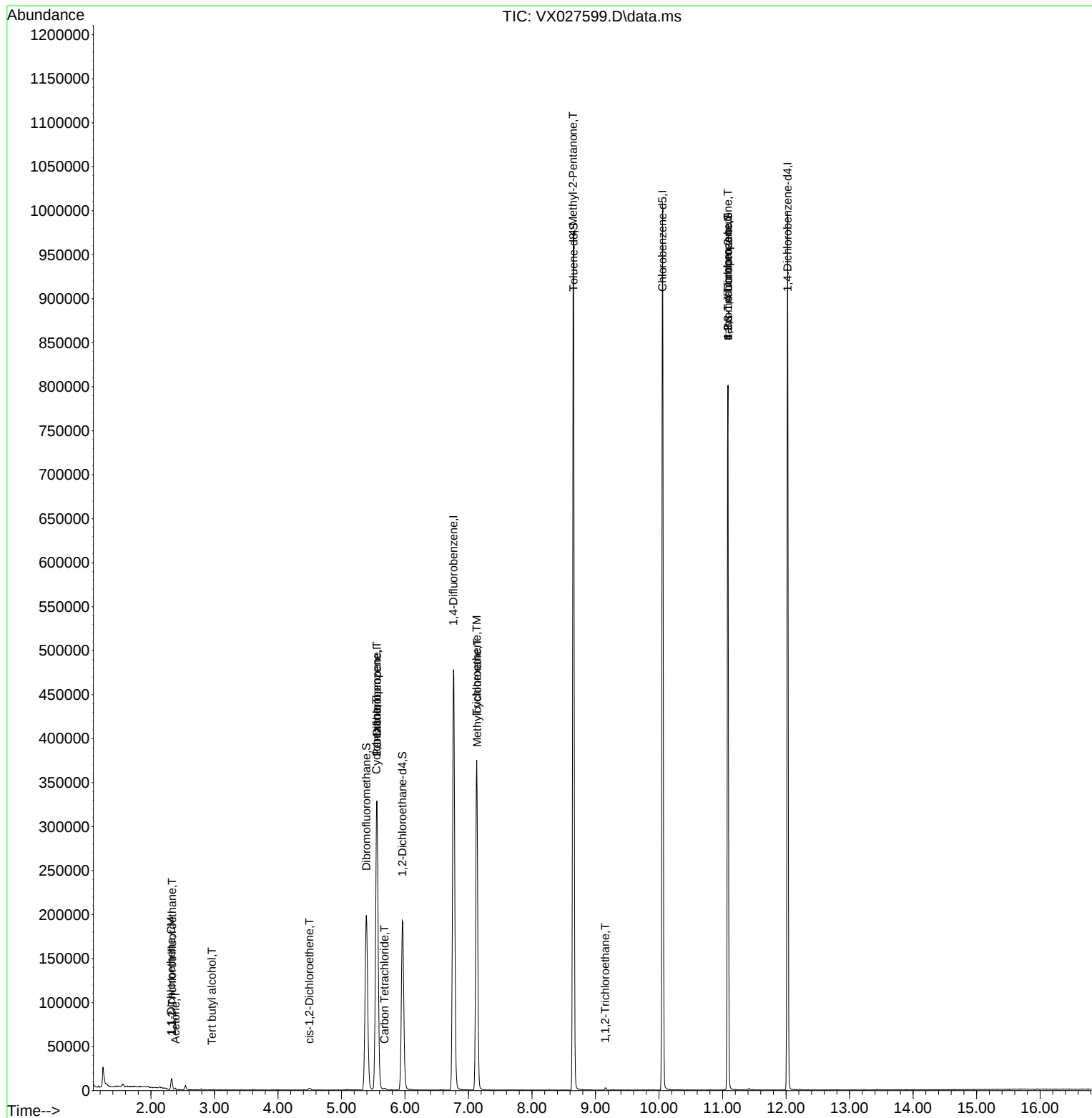
Internal Standards						
1) Pentafluorobenzene	5.556	168	328221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	534415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	487274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186388	46.097	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.200%
35) Dibromofluoromethane	5.391	113	176550	51.348	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.700%
50) Toluene-d8	8.653	98	620875	47.719	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.440%
62) 4-Bromofluorobenzene	11.085	95	219045	45.804	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.600%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	544	Below Cal		87
9) 1,1,2-Trichlorotrifluo...	2.331	101	3128	0.985	ug/l	86
11) Tert butyl alcohol	2.959	59	163	0.212	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	2013	0.660	ug/l	96
16) Acetone	2.386	43	1532	0.930	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	1500	0.398	ug/l	82
31) Cyclohexane	5.550	56	5145	1.025	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22313	4.749	ug/l #	50
38) Carbon Tetrachloride	5.678	117	1431	0.266	ug/l	94
39) Methylcyclohexane	7.135	83	1604	0.271	ug/l #	1
44) Trichloroethene	7.129	130	157747	38.549	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	1765	0.367	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	798	0.217	ug/l #	85
76) 1,2,3-Trichloropropane	11.085	75	102320	22.739	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	102320	69.060	ug/l #	15

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

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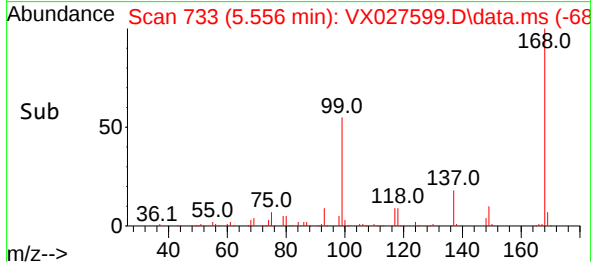
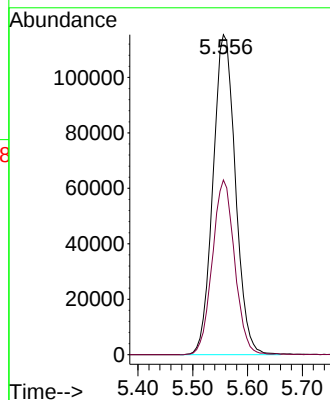
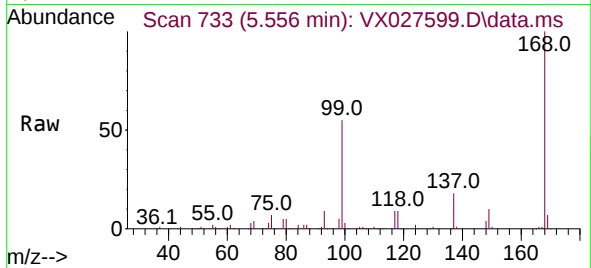




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

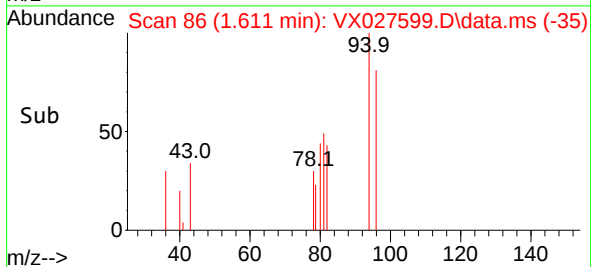
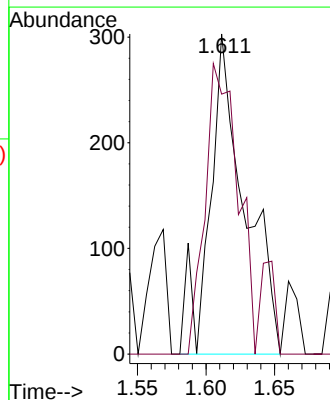
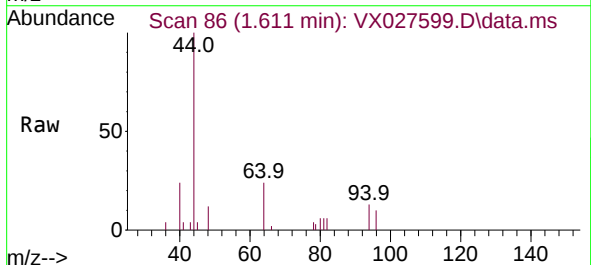
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220316DL

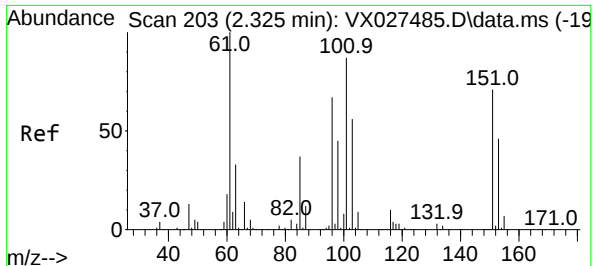
Tgt Ion:168 Resp: 328221
Ion Ratio Lower Upper
168 100
99 54.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

Tgt Ion: 94 Resp: 544
Ion Ratio Lower Upper
94 100
96 81.2 75.3 112.9

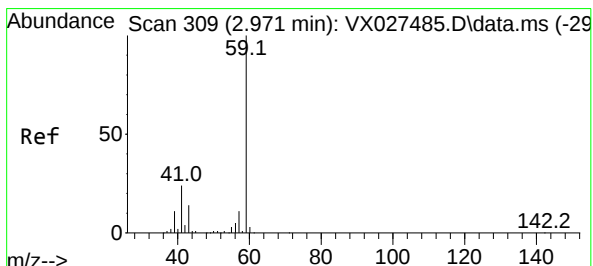
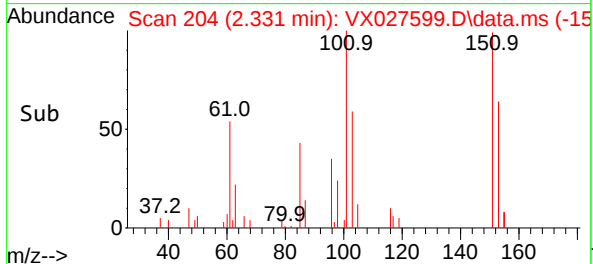
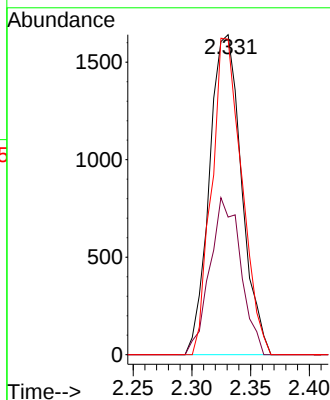
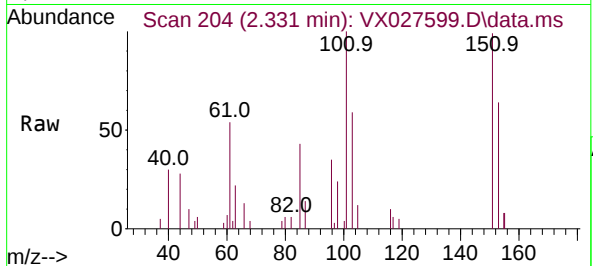




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.985 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

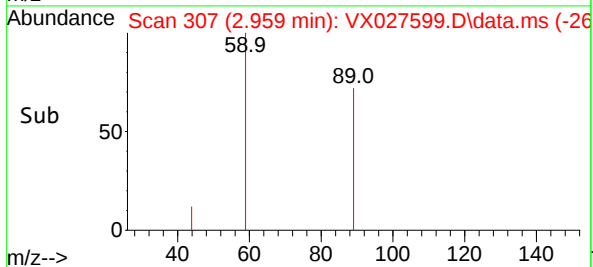
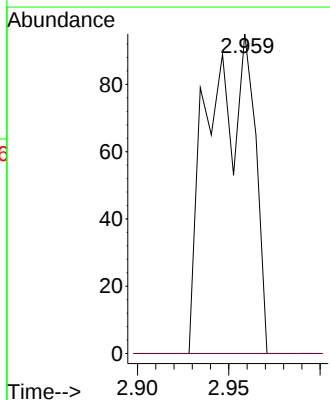
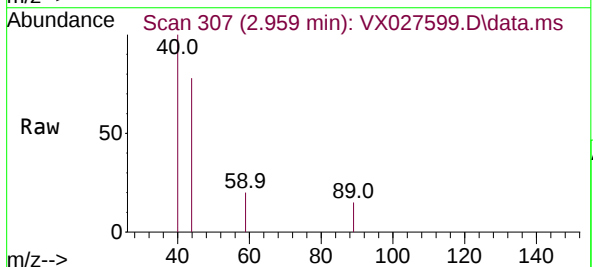
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220316DL

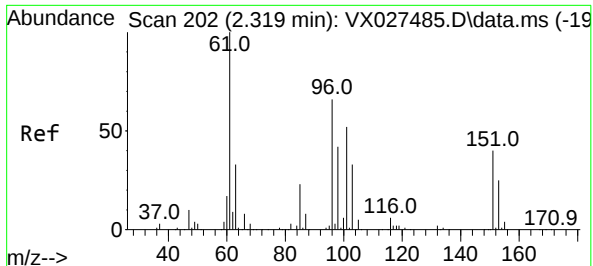
Tgt Ion:101 Resp: 3128
Ion Ratio Lower Upper
101 100
85 47.1 33.5 50.3
151 92.4 61.8 92.6



#11
Tert butyl alcohol
Concen: 0.212 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.660 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX027599.D

Acq: 21 Mar 2022 20:22

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20220316DL

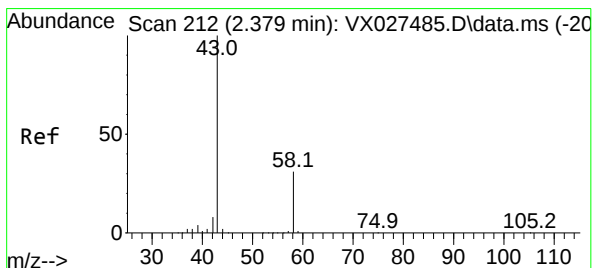
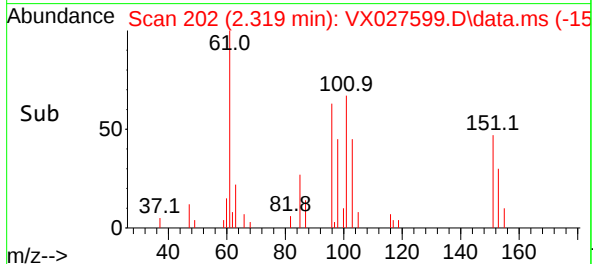
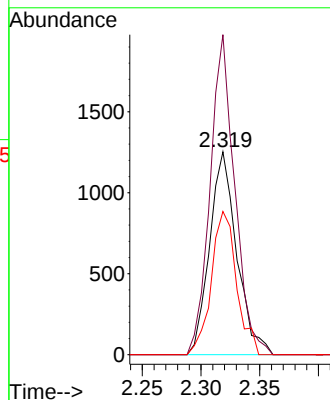
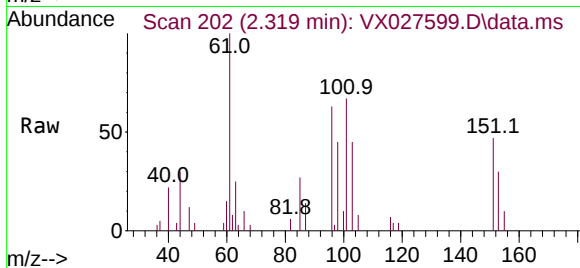
Tgt Ion: 96 Resp: 2013

Ion Ratio Lower Upper

96 100

61 157.7 124.6 187.0

98 70.6 51.0 76.4



#16

Acetone

Concen: 0.930 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027599.D

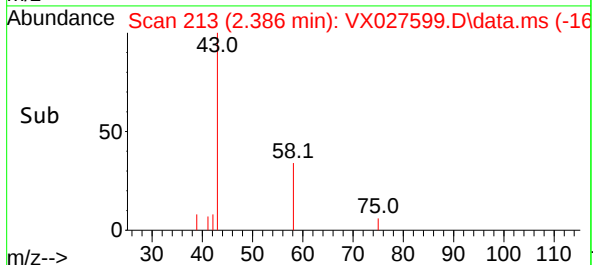
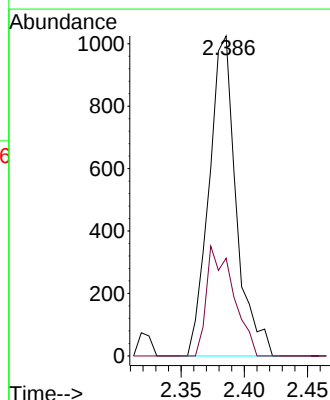
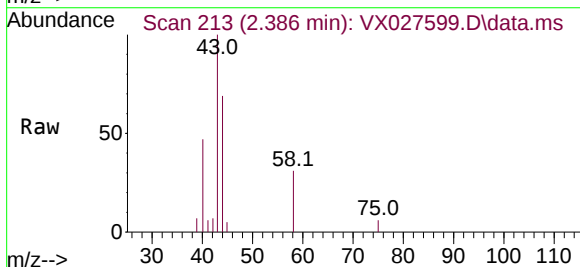
Acq: 21 Mar 2022 20:22

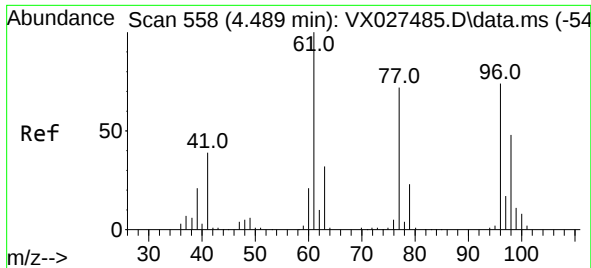
Tgt Ion: 43 Resp: 1532

Ion Ratio Lower Upper

43 100

58 30.5 28.8 43.2

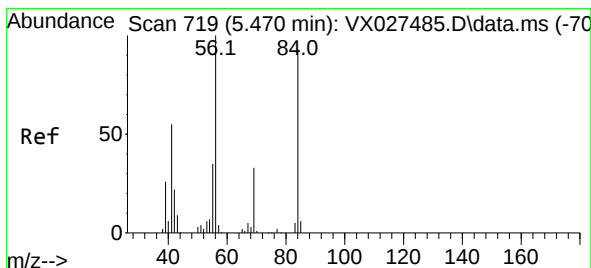
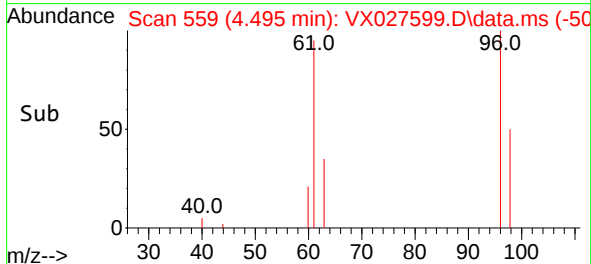
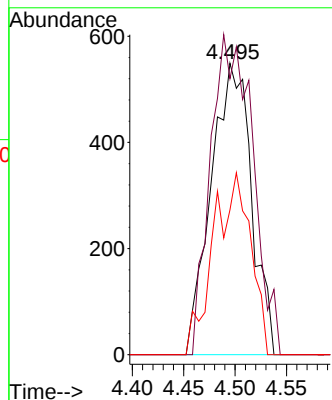
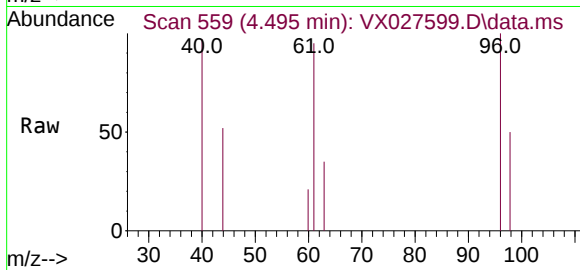




#27
 cis-1,2-Dichloroethene
 Concen: 0.398 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX027599.D
 Acq: 21 Mar 2022 20:22

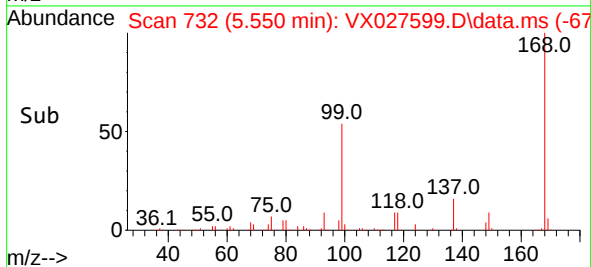
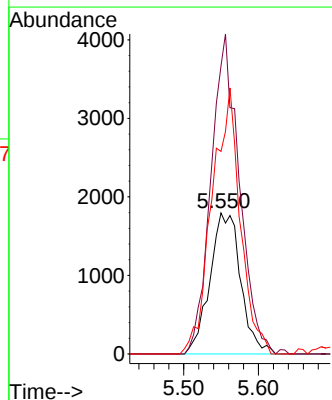
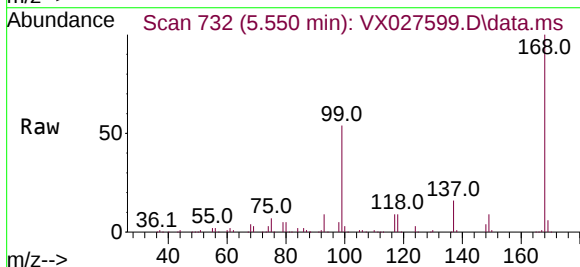
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20220316DL

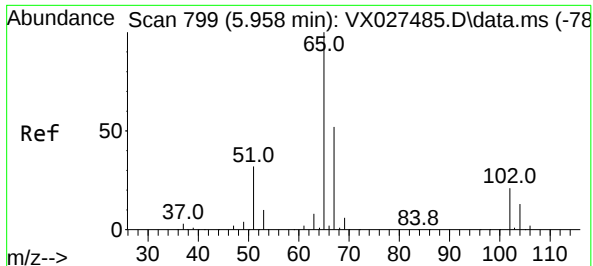
Tgt Ion: 96	Resp:	1500	
Ion	Ratio	Lower	Upper
96	100		
61	114.9	0.0	283.8
98	57.5	0.0	129.8



#31
 Cyclohexane
 Concen: 1.025 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX027599.D
 Acq: 21 Mar 2022 20:22

Tgt Ion: 56	Resp:	5145	
Ion	Ratio	Lower	Upper
56	100		
69	204.3	26.7	40.1#
84	143.7	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 46.097 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027599.D

Acq: 21 Mar 2022 20:22

Instrument :

MSVOA_X

ClientSampleId :

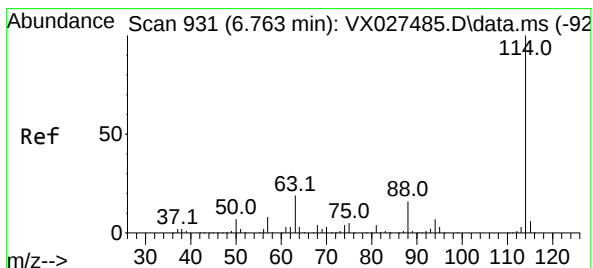
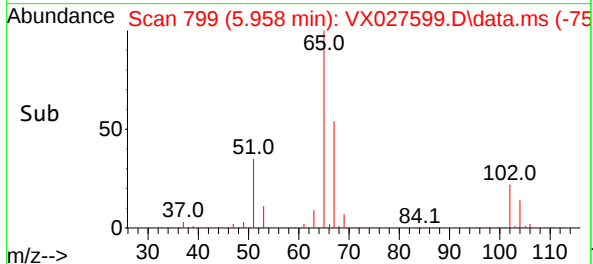
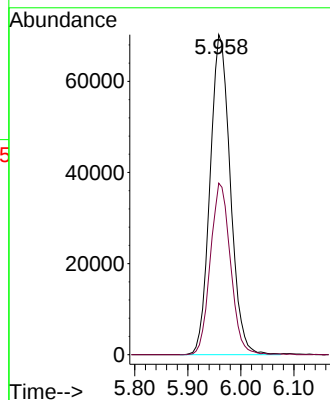
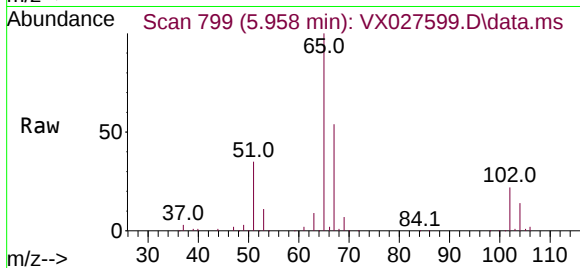
DUP06-20220316DL

Tgt Ion: 65 Resp: 186388

Ion Ratio Lower Upper

65 100

67 53.2 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: VX027599.D

Acq: 21 Mar 2022 20:22

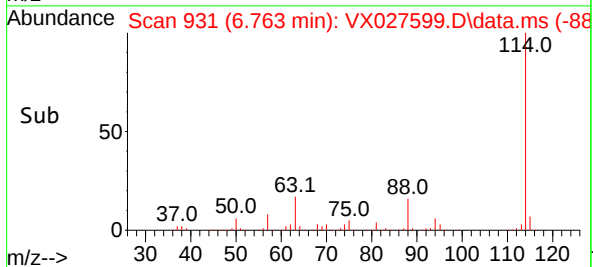
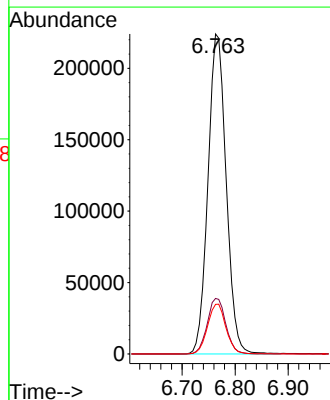
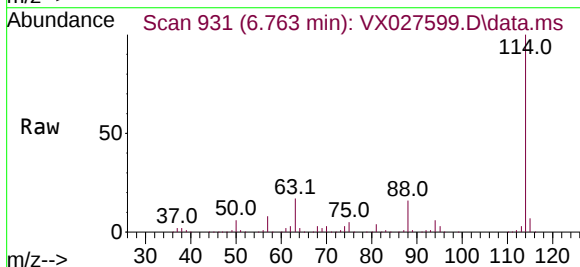
Tgt Ion: 114 Resp: 534415

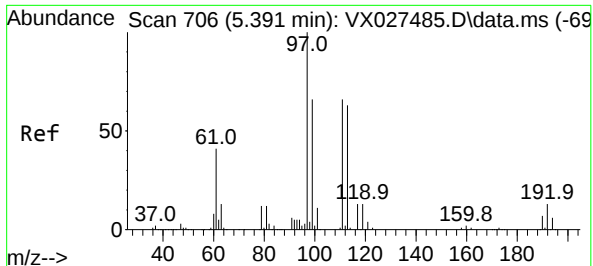
Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.8

88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.348 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027599.D

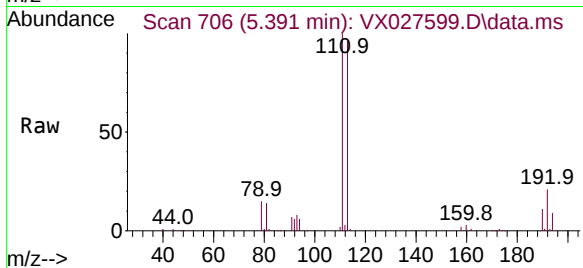
Acq: 21 Mar 2022 20:22

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20220316DL



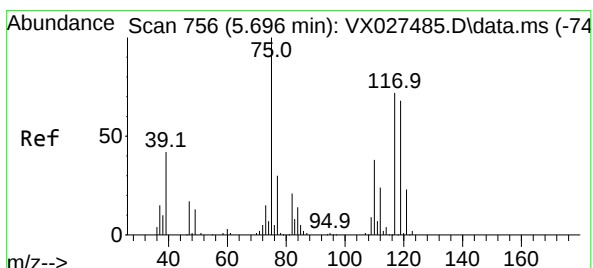
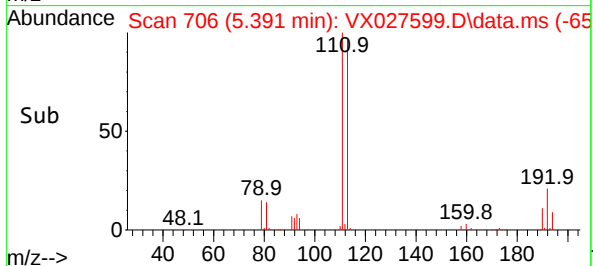
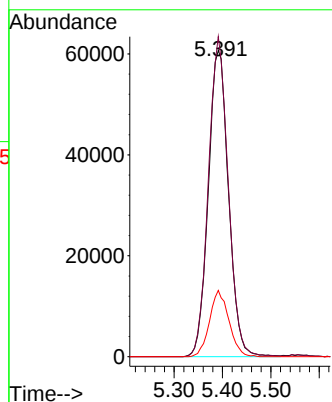
Tgt Ion:113 Resp: 176550

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 20.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.749 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027599.D

Acq: 21 Mar 2022 20:22

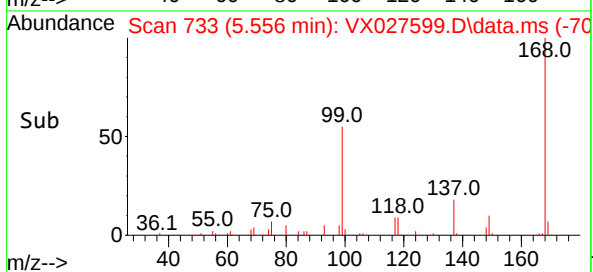
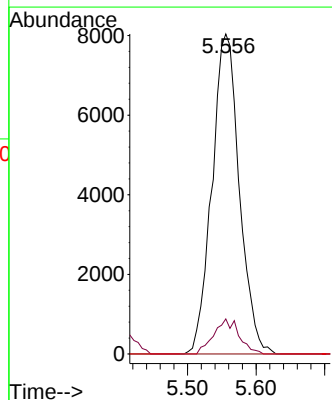
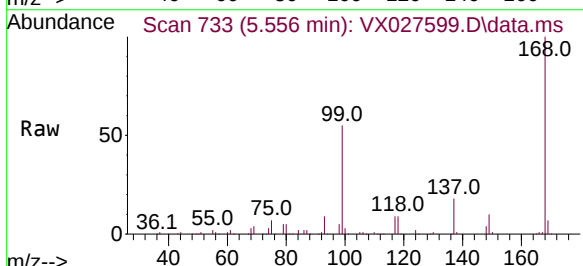
Tgt Ion: 75 Resp: 22313

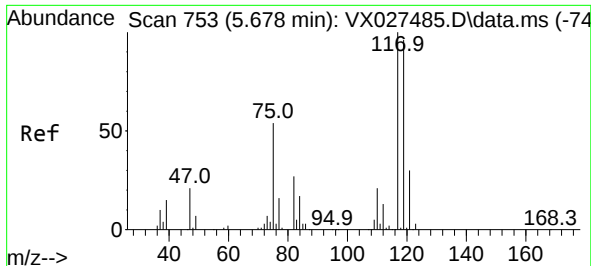
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#

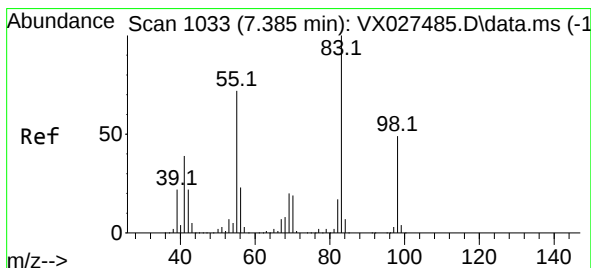
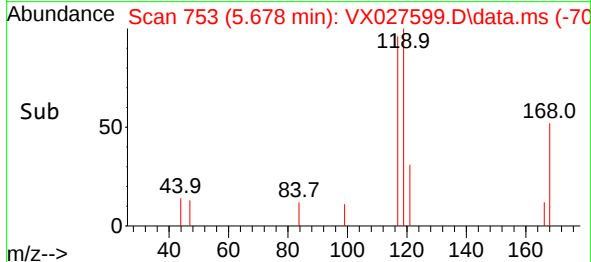
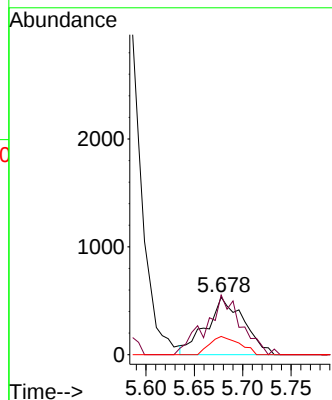
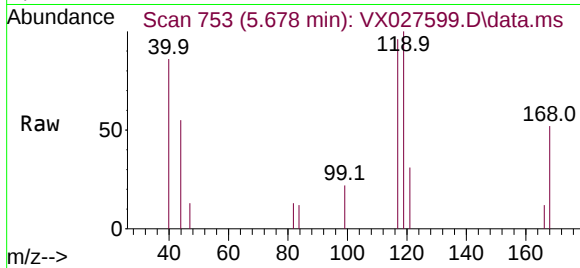




#38
Carbon Tetrachloride
Concen: 0.266 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

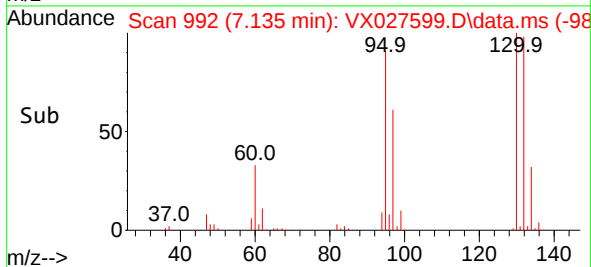
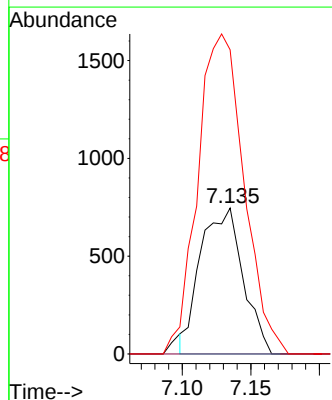
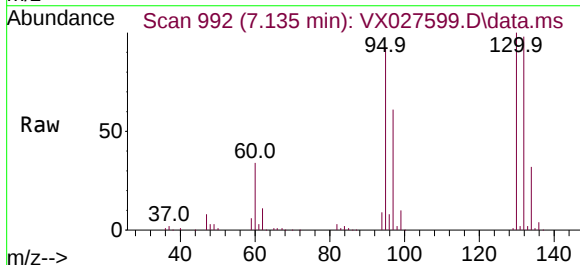
Instrument :
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DUP06-20220316DL

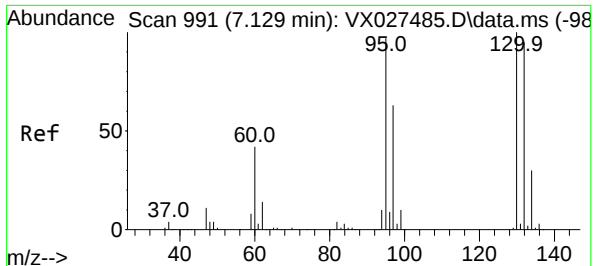
Tgt Ion:117 Resp: 1431
Ion Ratio Lower Upper
117 100
119 103.9 77.3 115.9
121 31.7 24.2 36.2



#39
Methylcyclohexane
Concen: 0.271 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

Tgt Ion: 83 Resp: 1604
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 200.0 37.4 56.2#

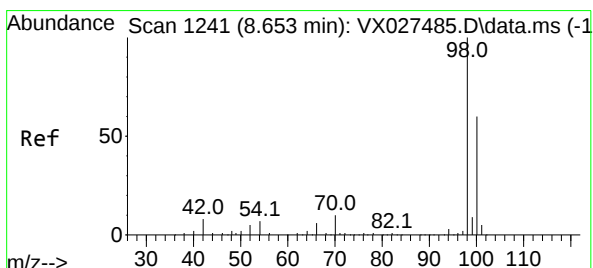
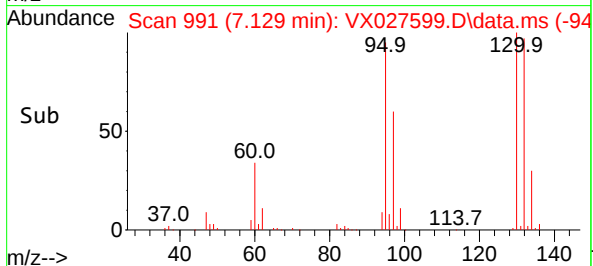
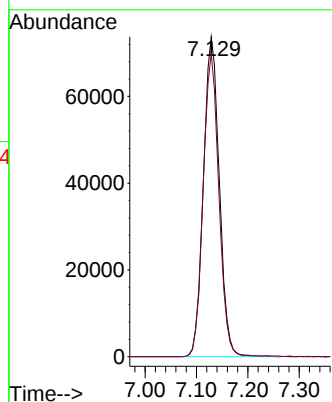
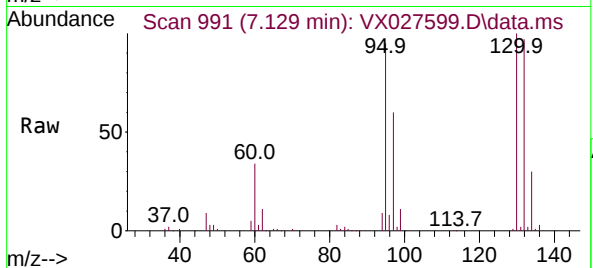




#44
Trichloroethene
Concen: 38.549 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

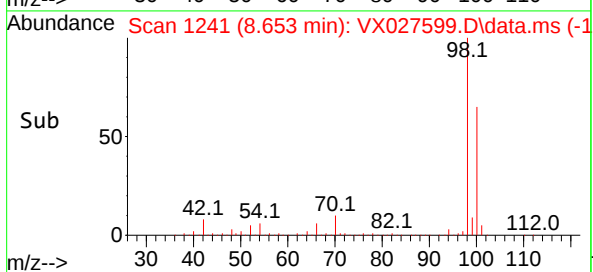
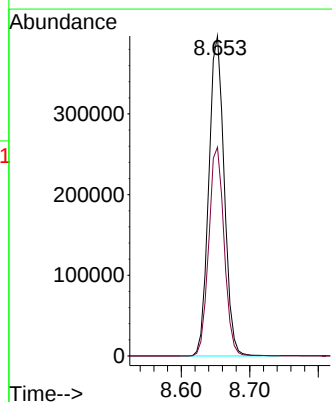
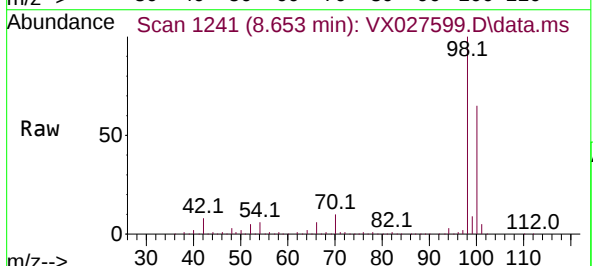
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220316DL

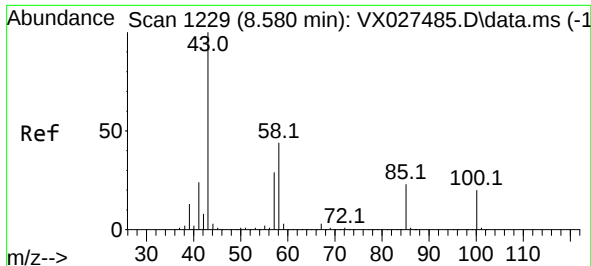
Tgt Ion:130 Resp: 157747
Ion Ratio Lower Upper
130 100
95 94.8 0.0 188.8



#50
Toluene-d8
Concen: 47.719 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

Tgt Ion: 98 Resp: 620875
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

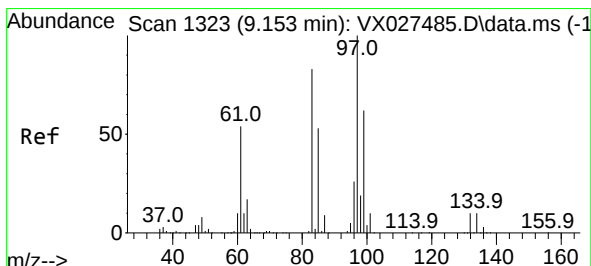
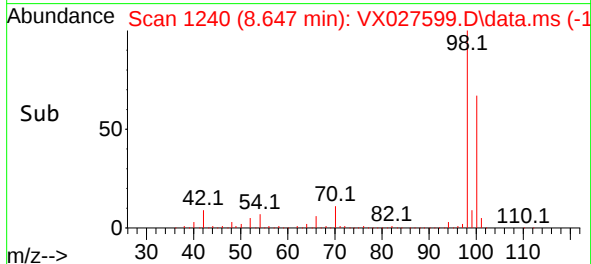
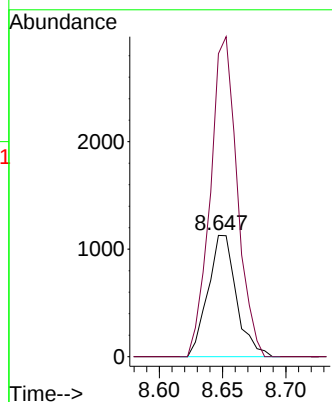
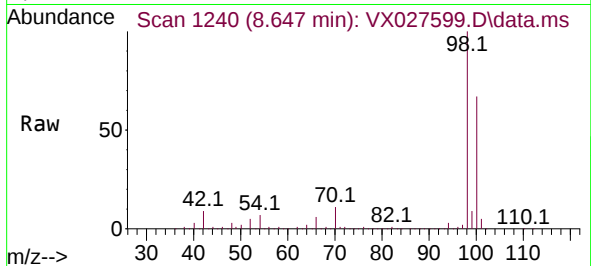




#51
4-Methyl-2-Pentanone
Concen: 0.367 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

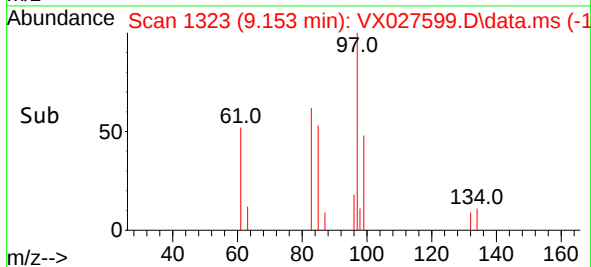
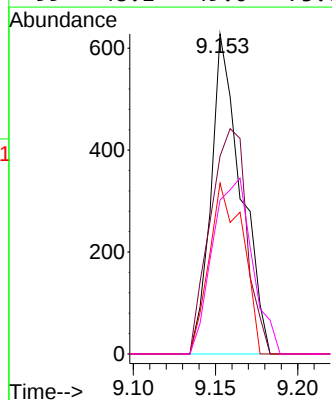
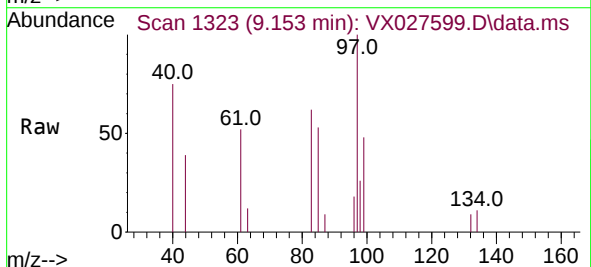
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220316DL

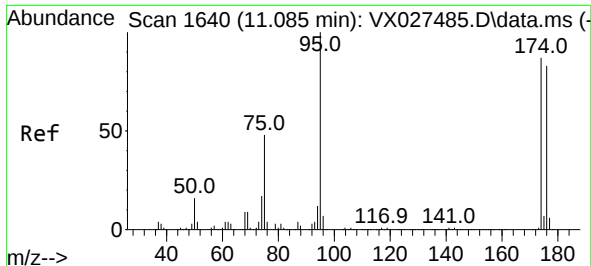
Tgt Ion: 43 Resp: 1765
Ion Ratio Lower Upper
43 100
58 249.5 36.1 54.1#



#55
1,1,2-Trichloroethane
Concen: 0.217 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

Tgt Ion: 97 Resp: 798
Ion Ratio Lower Upper
97 100
83 61.8 66.2 99.4#
85 53.3 42.9 64.3
99 48.1 49.0 73.6#

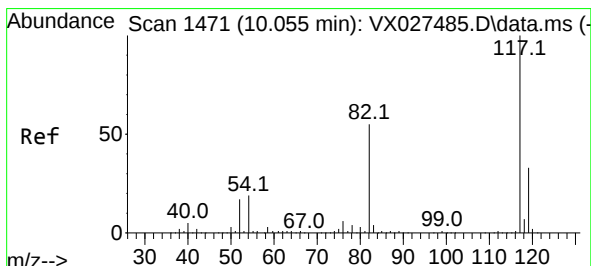
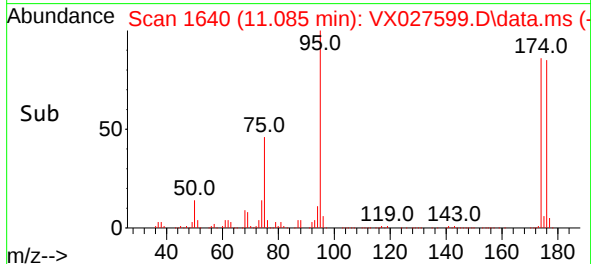
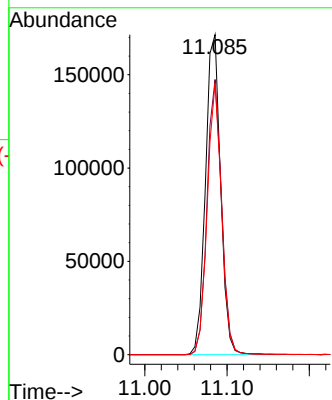
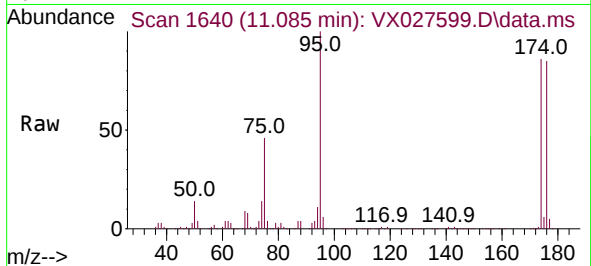




#62
4-Bromofluorobenzene
Concen: 45.804 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

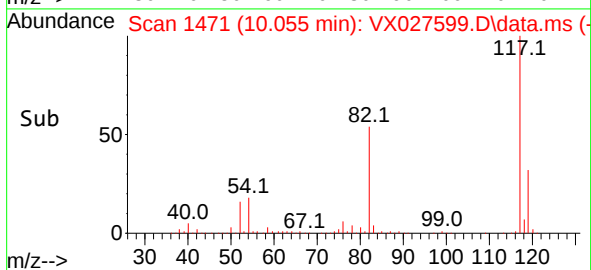
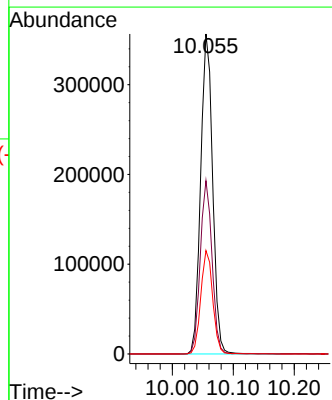
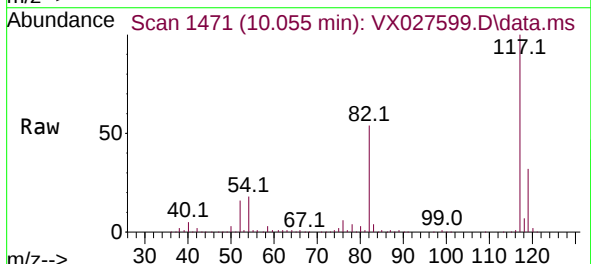
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220316DL

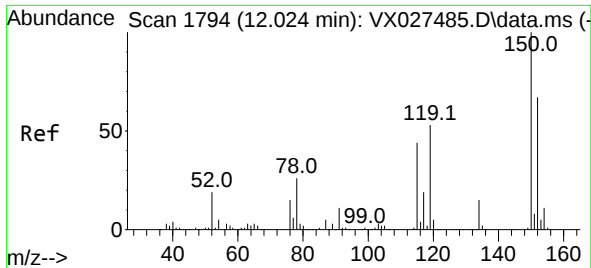
Tgt Ion: 95 Resp: 219045
Ion Ratio Lower Upper
95 100
174 83.5 0.0 163.0
176 80.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

Tgt Ion: 117 Resp: 487274
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 32.3 24.8 37.2

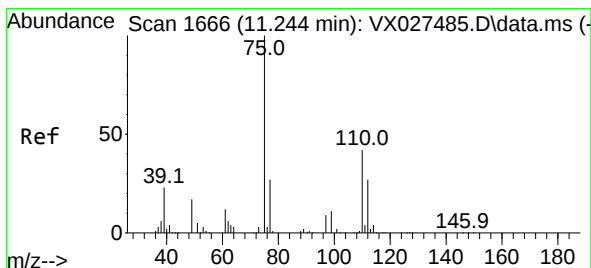
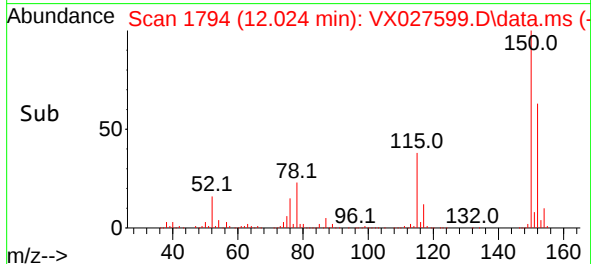
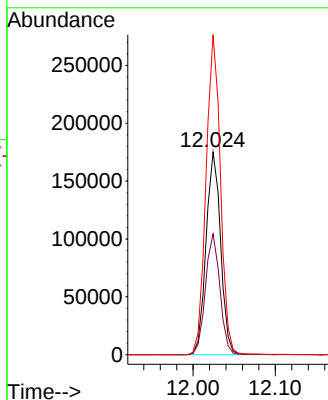
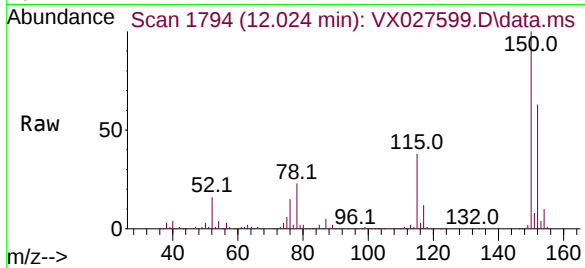




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

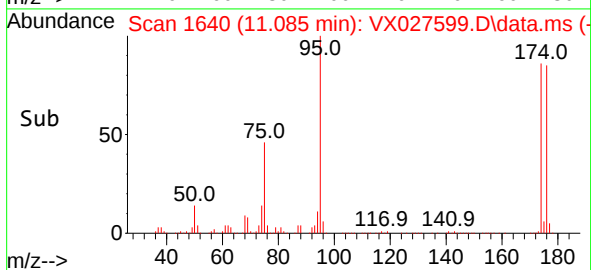
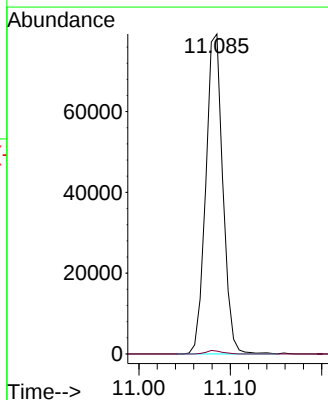
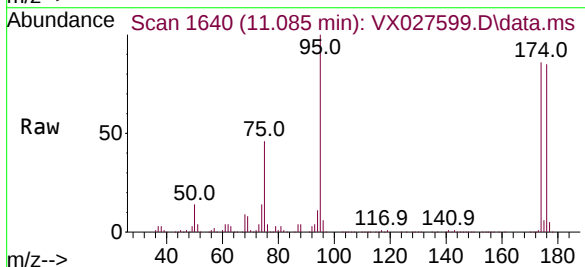
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220316DL

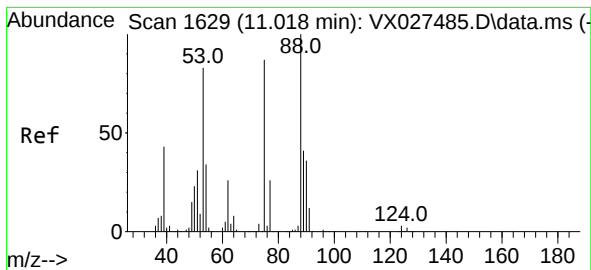
Tgt Ion:152 Resp: 215125
Ion Ratio Lower Upper
152 100
115 59.3 37.5 112.7
150 156.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.739 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027599.D
Acq: 21 Mar 2022 20:22

Tgt Ion: 75 Resp: 102320
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.060 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027599.D
 Acq: 21 Mar 2022 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20220316DL

Tgt Ion: 75 Resp: 102320
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

