

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027889.D
 Acq On : 01 Apr 2022 18:18
 Operator : JC/MD
 Sample : N2074-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20220319DL

Quant Time: Apr 02 05:10:06 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)

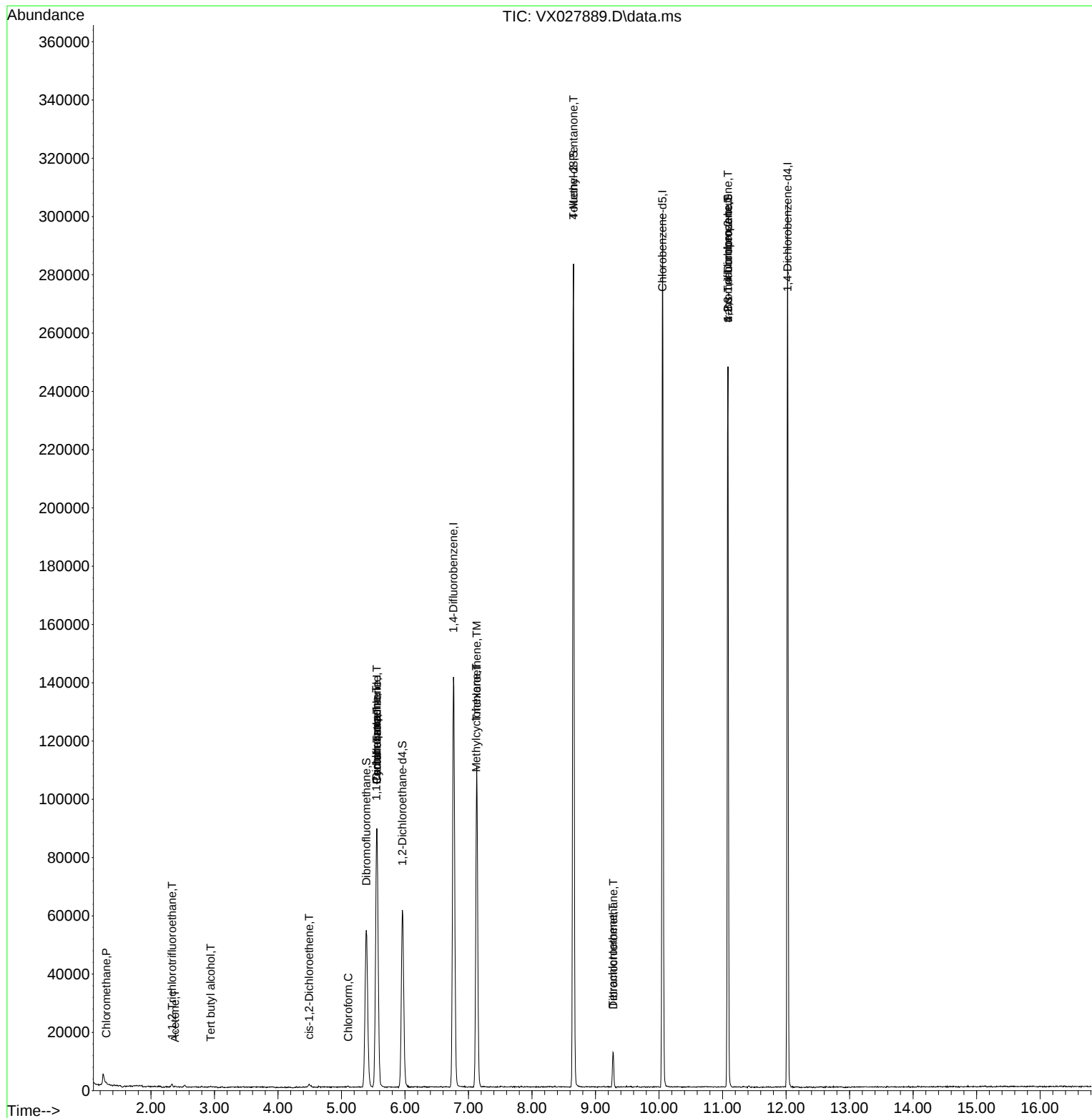
Internal Standards						
1) Pentafluorobenzene	5.556	168	77253	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	136362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62469	62.671	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 125.340%	
35) Dibromofluoromethane	5.391	113	45786	52.019	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.040%	
50) Toluene-d8	8.653	98	162396	52.439	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.880%	
62) 4-Bromofluorobenzene	11.085	95	66996	50.906	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	131	0.212	ug/l	# 42
9) 1,1,2-Trichlorotrifluo...	2.330	101	413	0.571	ug/l	93
11) Tert butyl alcohol	2.940	59	89	0.465	ug/l	# 72
16) Acetone	2.379	43	278	0.630	ug/l	# 39
27) cis-1,2-Dichloroethene	4.489	96	649	0.747	ug/l	91
30) Chloroform	5.104	83	306	0.200	ug/l	# 68
31) Cyclohexane	5.556	56	2022	1.835	ug/l	# 33
36) 1,1-Dichloropropene	5.549	75	7077	6.384	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	9384	7.662	ug/l	# 15
39) Methylcyclohexane	7.122	83	565	0.433	ug/l	# 1
44) Trichloroethene	7.128	130	38052	41.678	ug/l	82
51) 4-Methyl-2-Pentanone	8.653	43	866	0.567	ug/l	# 1
60) Dibromochloromethane	9.280	129	2251	2.313	ug/l	# 9
64) Tetrachloroethene	9.274	164	2240	2.663	ug/l	89
76) 1,2,3-Trichloropropane	11.085	75	35938	25.956	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	35938	76.075	ug/l	# 15

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

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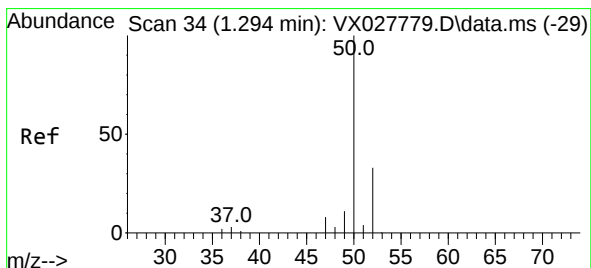
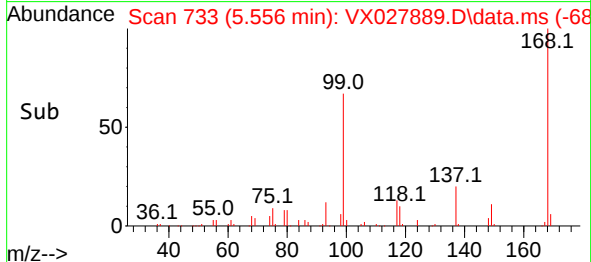
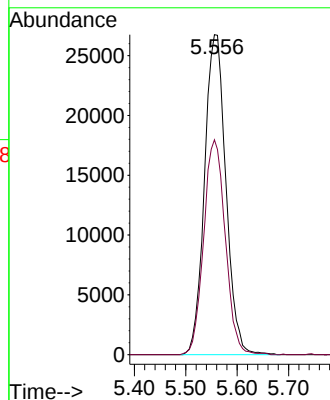
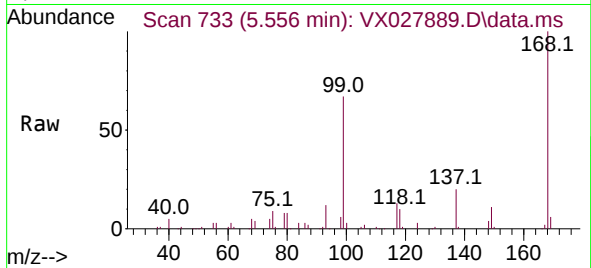




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

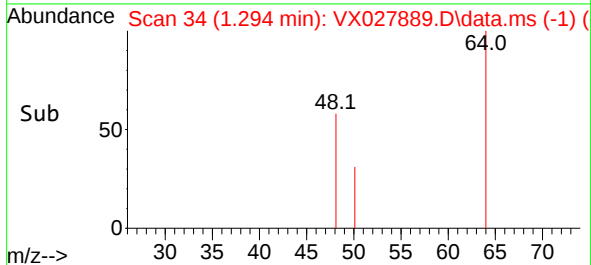
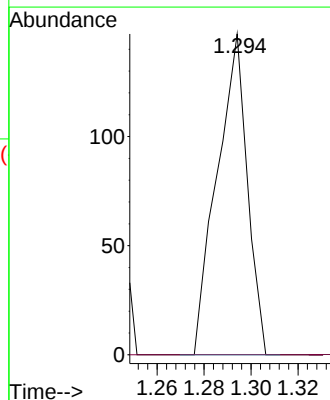
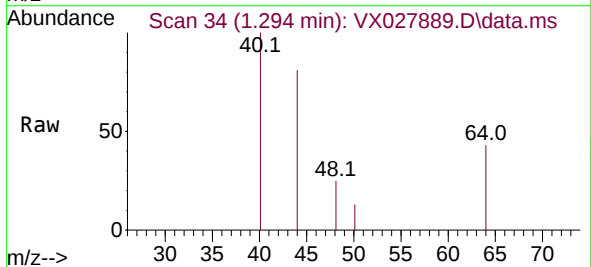
Instrument : MSVOA_X
ClientSampleId : DUP04-20220319DL

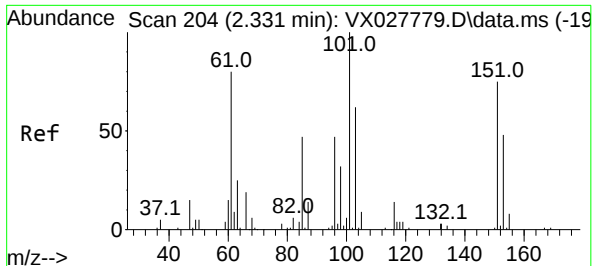
Tgt Ion:168 Resp: 77253
Ion Ratio Lower Upper
168 100
99 67.1 41.7 62.5#



#3
Chloromethane
Concen: 0.212 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Tgt Ion: 50 Resp: 131
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

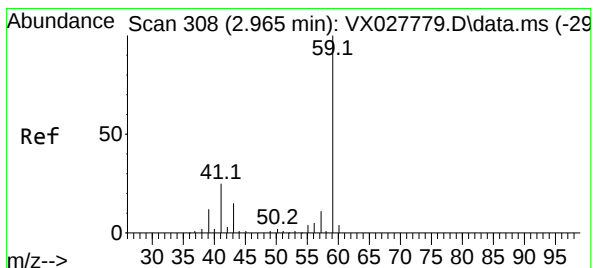
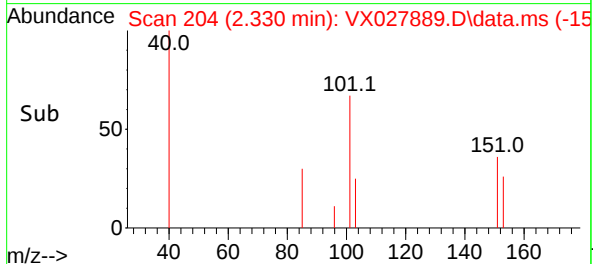
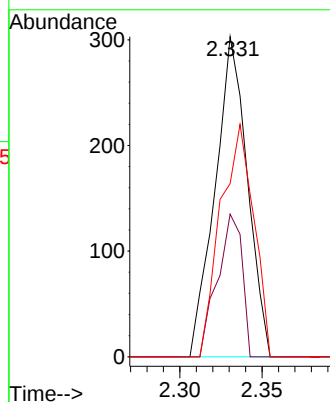
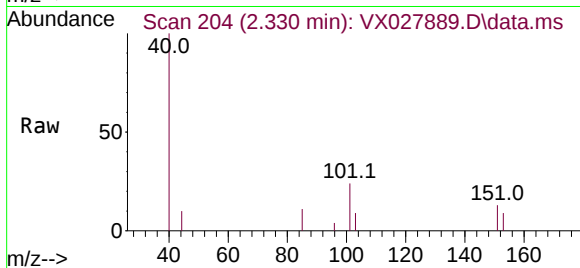




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.571 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.001 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

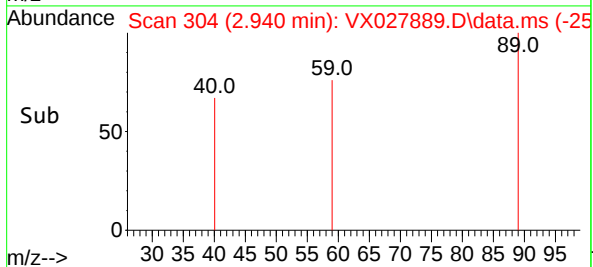
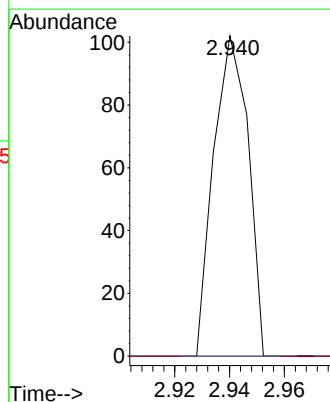
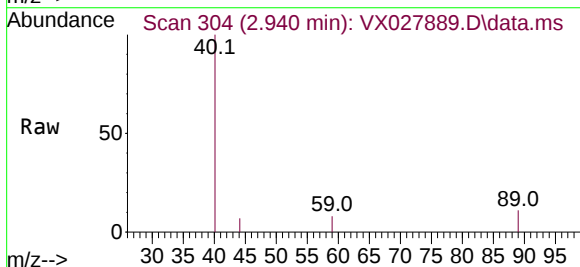
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319DL

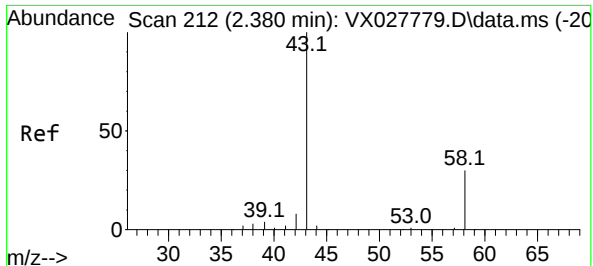
Tgt Ion:101	Resp:	413
Ion	Ratio	Lower Upper
101	100	
85	33.9	33.5 50.3
151	74.3	61.8 92.6



#11
Tert butyl alcohol
Concen: 0.465 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Tgt Ion: 59	Resp:	89
Ion	Ratio	Lower Upper
59	100	
57	0.0	8.3 12.5

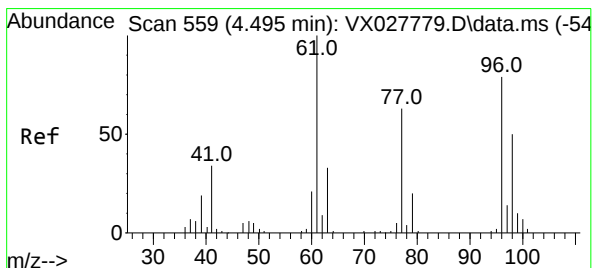
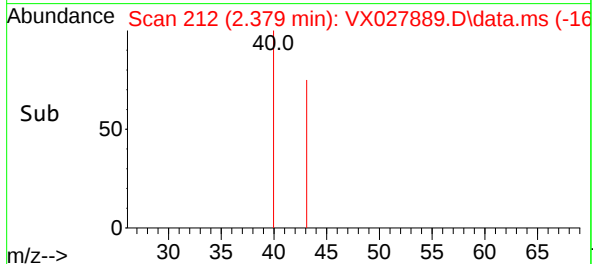
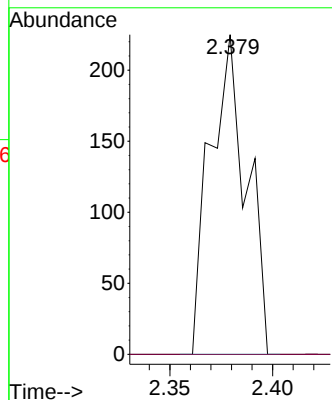
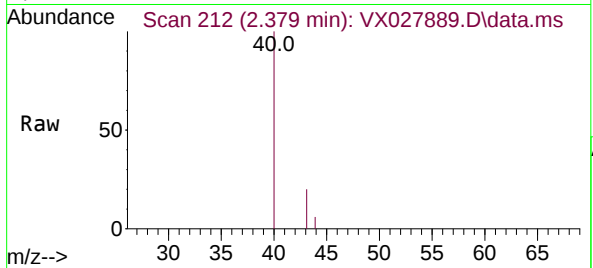




#16
Acetone
Concen: 0.630 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

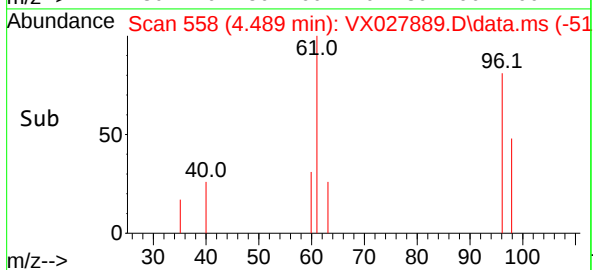
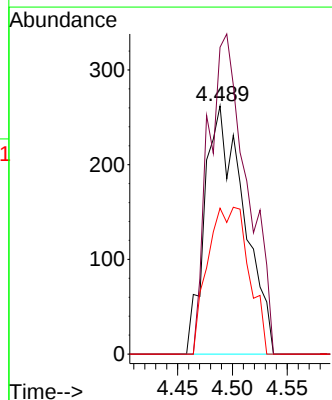
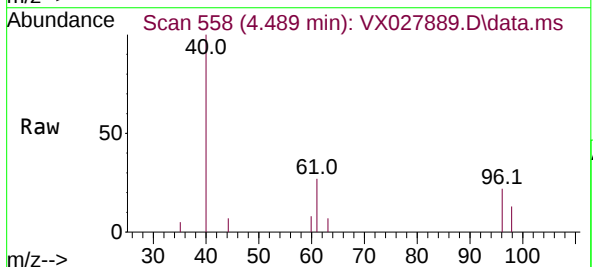
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319DL

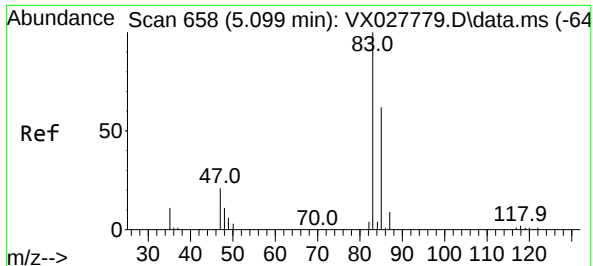
Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 0.747 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Tgt Ion: 96 Resp: 649
Ion Ratio Lower Upper
96 100
61 127.4 0.0 283.8
98 62.1 0.0 129.8





#30

Chloroform

Concen: 0.200 ug/l

RT: 5.104 min Scan# 61

Delta R.T. 0.005 min

Lab File: VX027889.D

Acq: 01 Apr 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

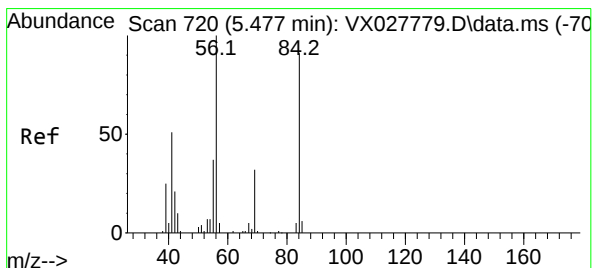
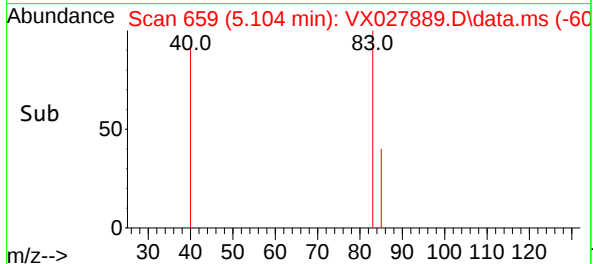
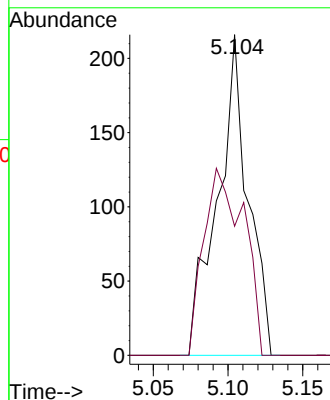
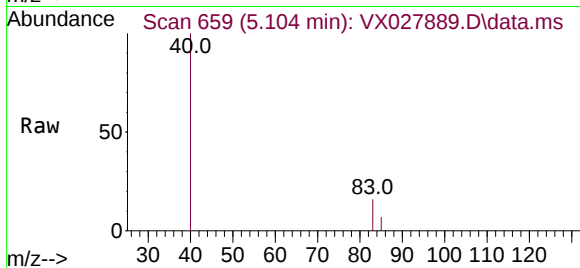
DUP04-20220319DL

Tgt Ion: 83 Resp: 306

Ion Ratio Lower Upper

83 100

85 40.3 52.7 79.1#



#31

Cyclohexane

Concen: 1.835 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX027889.D

Acq: 01 Apr 2022 18:18

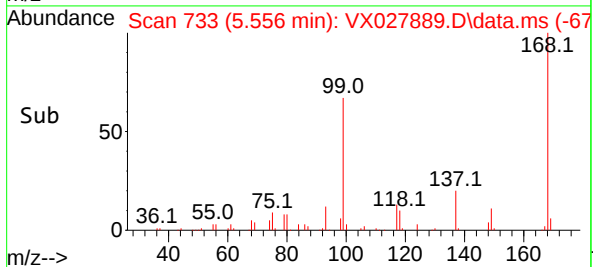
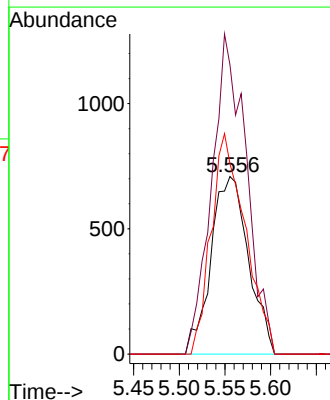
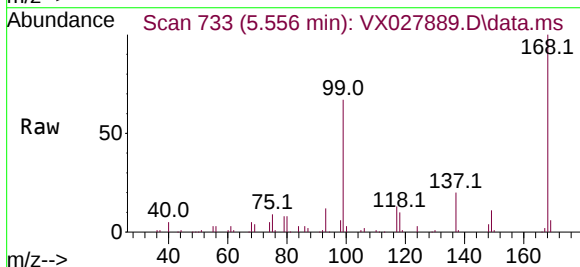
Tgt Ion: 56 Resp: 2022

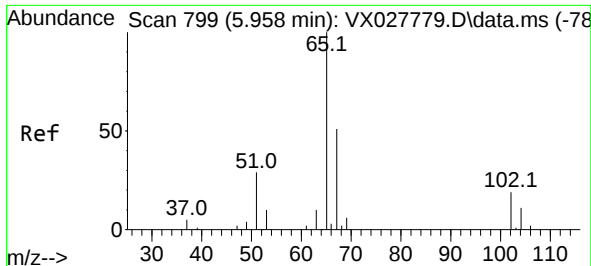
Ion Ratio Lower Upper

56 100

69 162.9 26.7 40.1#

84 107.2 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 62.671 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX027889.D

Acq: 01 Apr 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

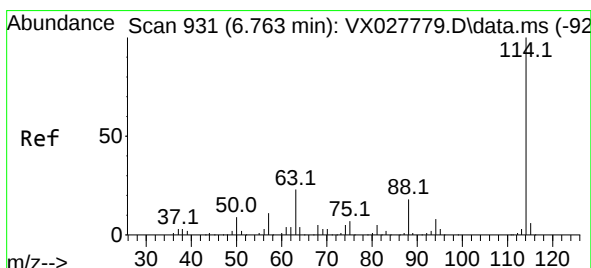
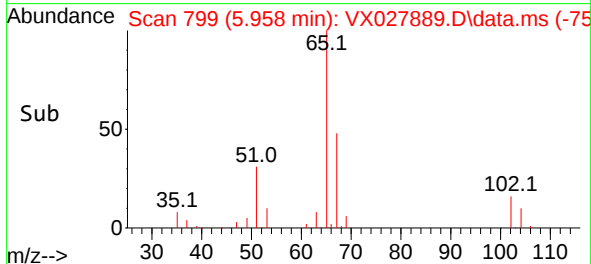
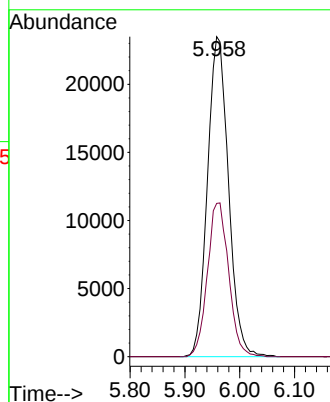
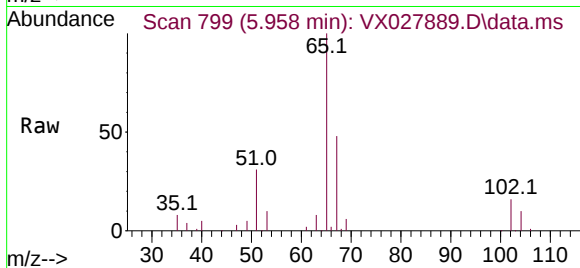
DUP04-20220319DL

Tgt Ion: 65 Resp: 62469

Ion Ratio Lower Upper

65 100

67 48.6 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: VX027889.D

Acq: 01 Apr 2022 18:18

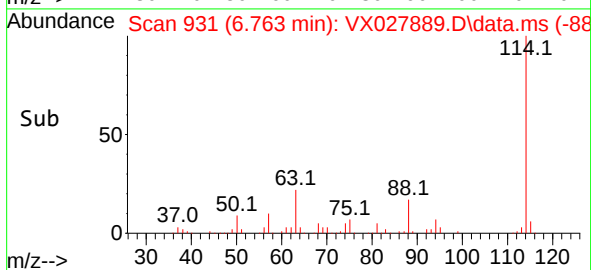
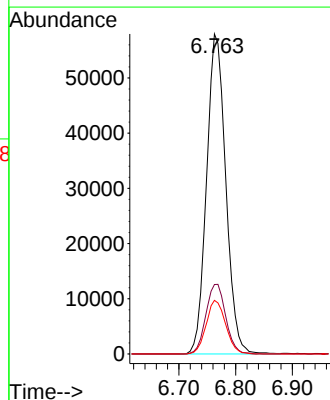
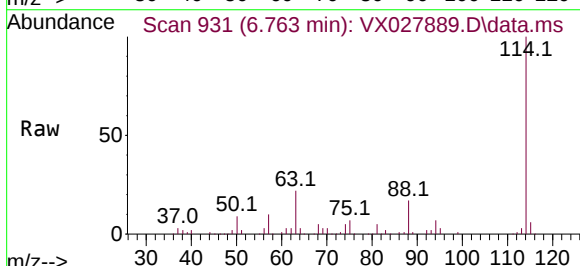
Tgt Ion: 114 Resp: 136362

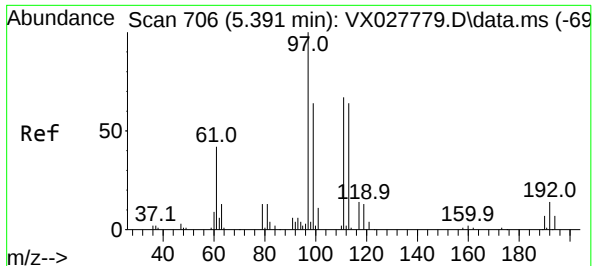
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.8

88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.019 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX027889.D

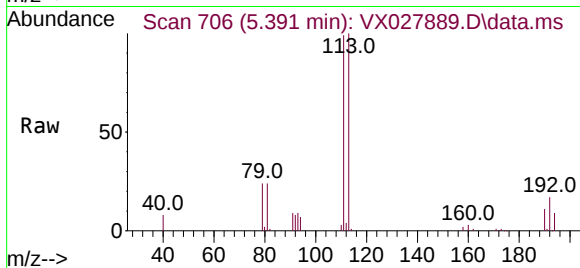
Acq: 01 Apr 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

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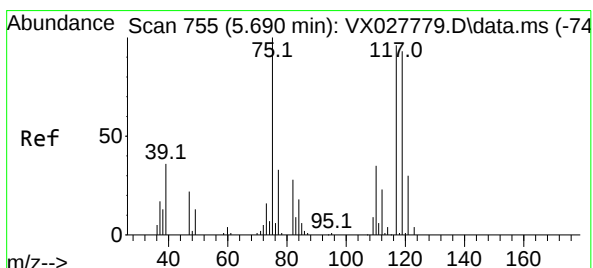
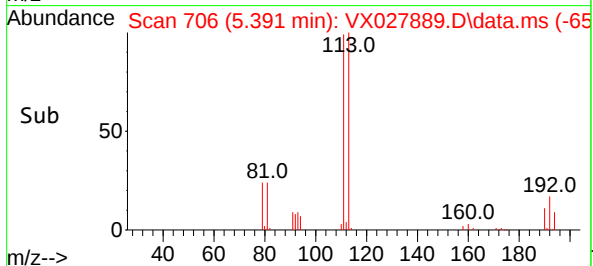
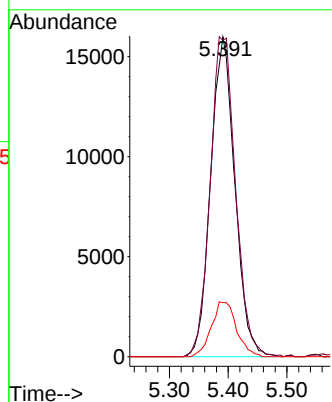
Tgt Ion:113 Resp: 45786

Ion Ratio Lower Upper

113 100

111 104.6 82.8 124.2

192 17.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.384 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.141 min

Lab File: VX027889.D

Acq: 01 Apr 2022 18:18

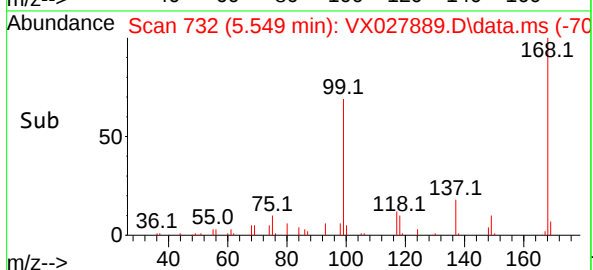
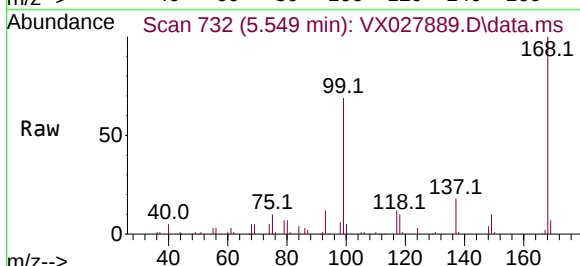
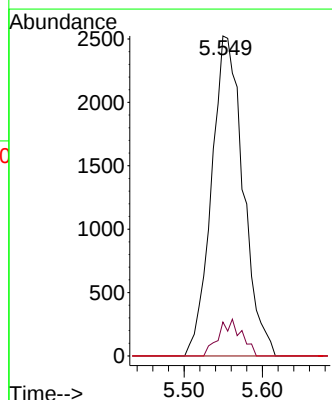
Tgt Ion: 75 Resp: 7077

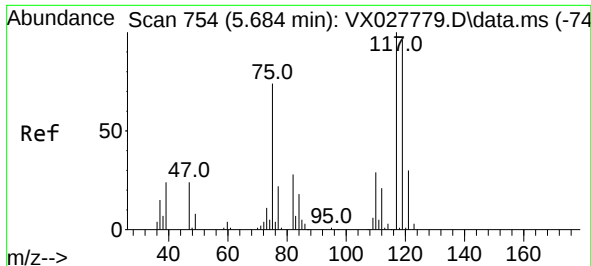
Ion Ratio Lower Upper

75 100

110 8.3 18.3 54.8#

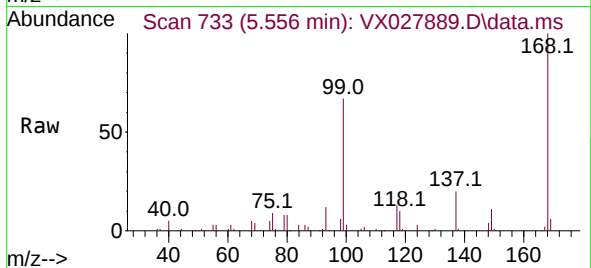
77 0.0 24.8 37.2#



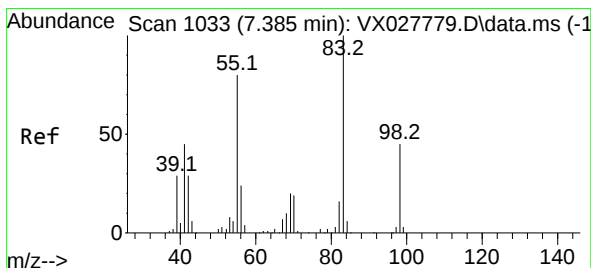
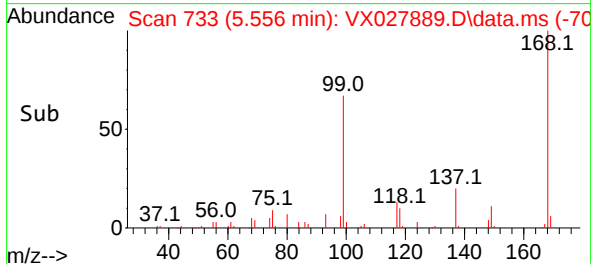
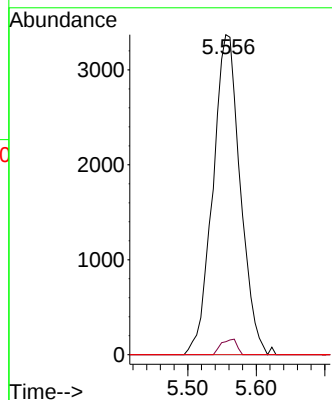


#38
Carbon Tetrachloride
Concen: 7.662 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319DL

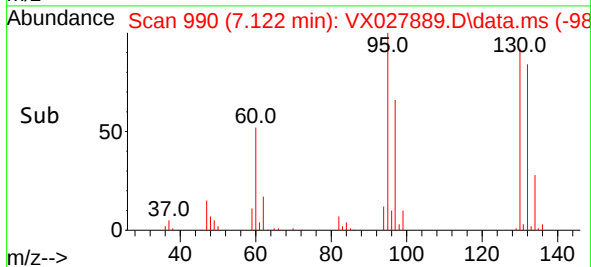
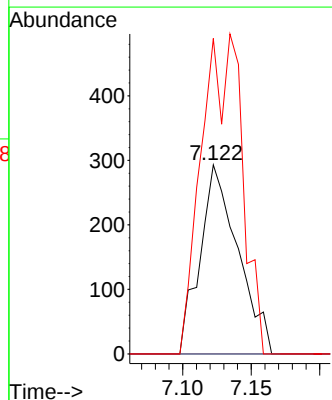
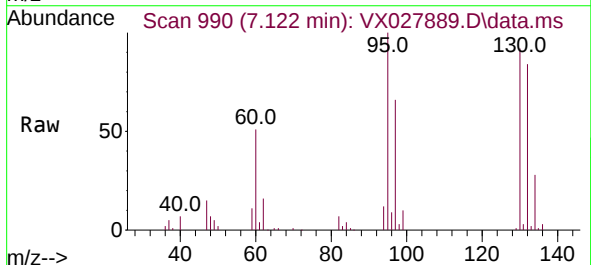


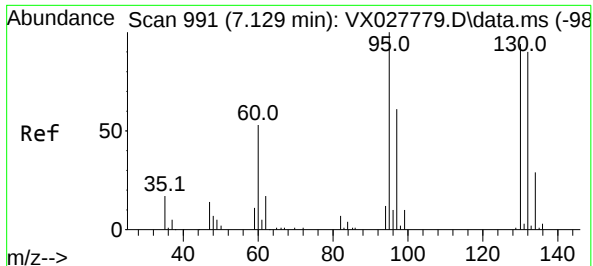
Tgt Ion:117 Resp: 9384
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.433 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.263 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Tgt Ion: 83 Resp: 565
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 166.9 37.4 56.2#

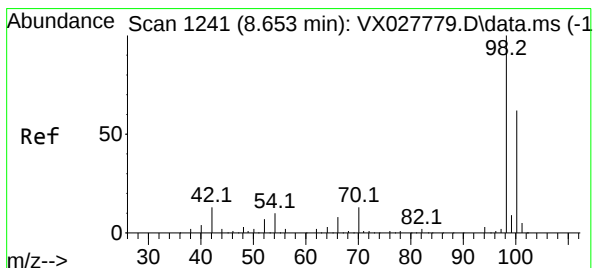
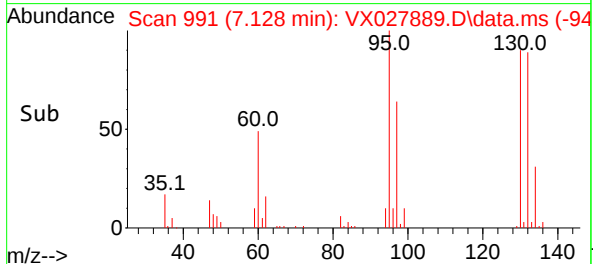
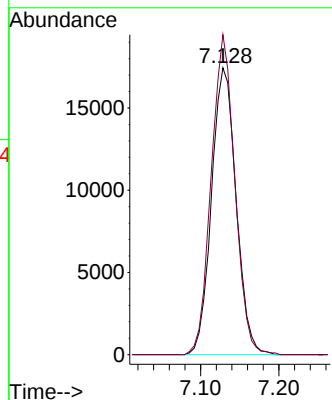
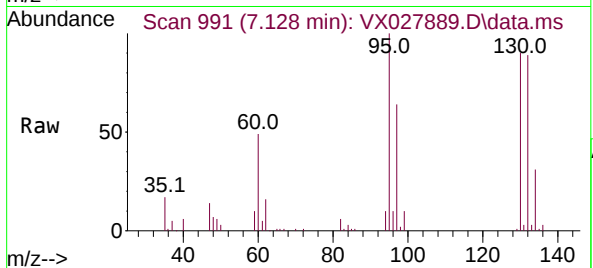




#44
Trichloroethene
Concen: 41.678 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

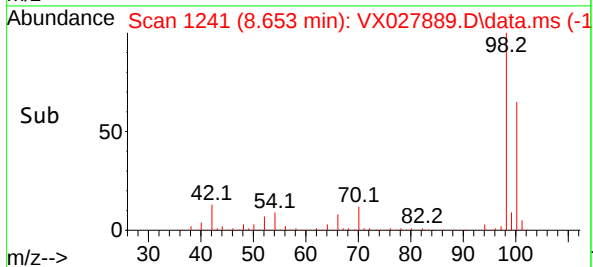
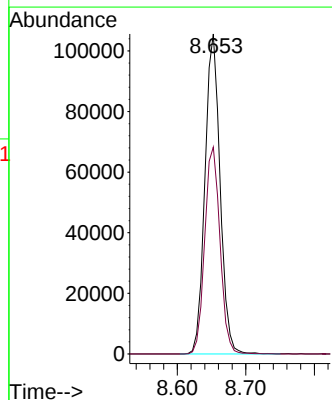
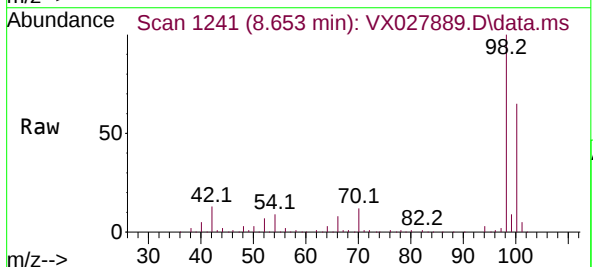
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319DL

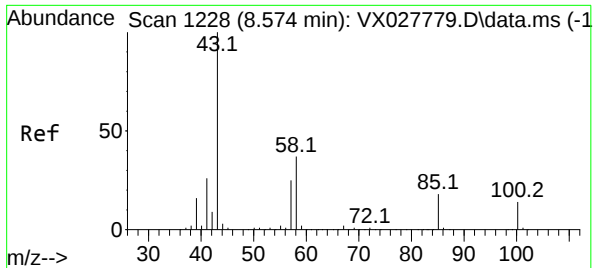
Tgt Ion:130 Resp: 38052
Ion Ratio Lower Upper
130 100
95 111.6 0.0 188.8



#50
Toluene-d8
Concen: 52.439 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Tgt Ion: 98 Resp: 162396
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

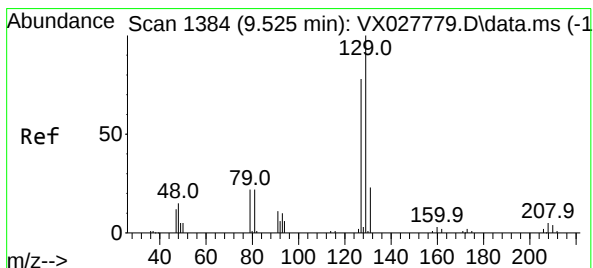
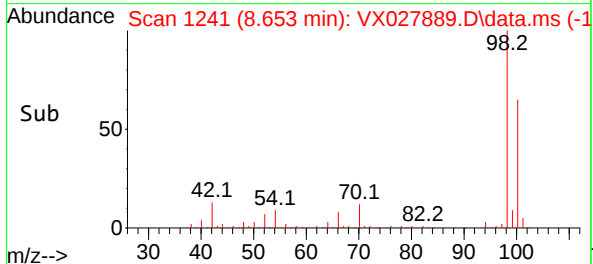
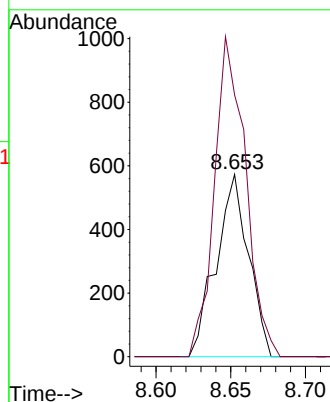
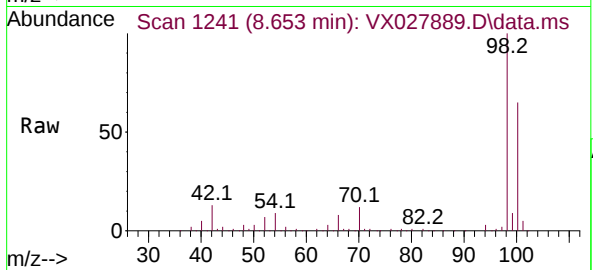




#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

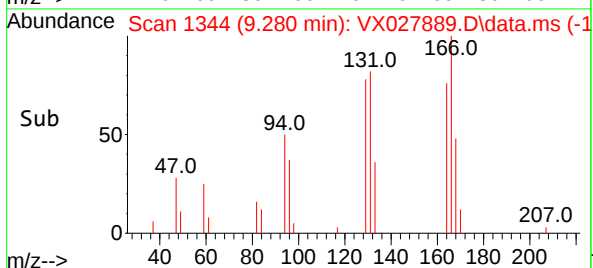
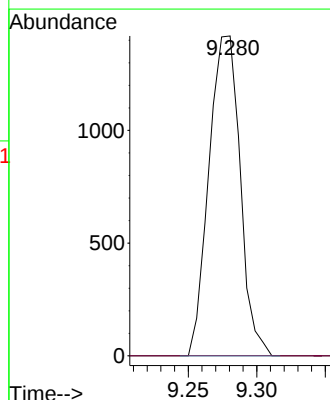
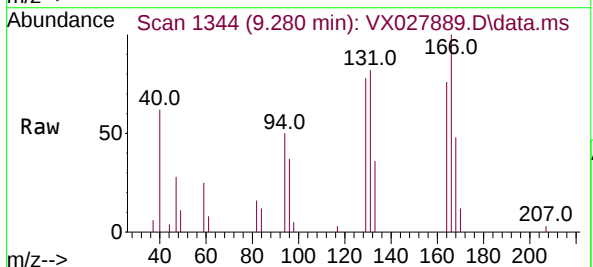
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319DL

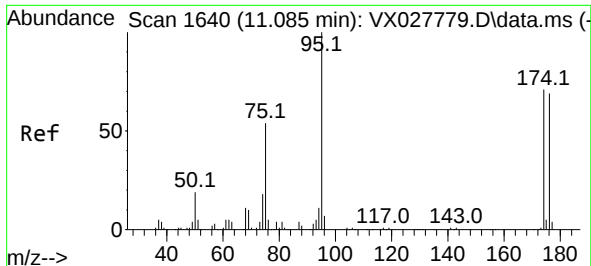
Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
58 168.2 36.1 54.1#



#60
Dibromochloromethane
Concen: 2.313 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. -0.245 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Tgt Ion: 129 Resp: 2251
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

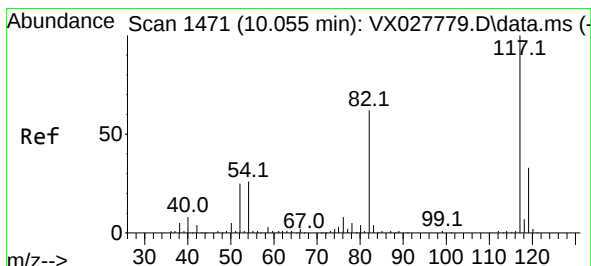
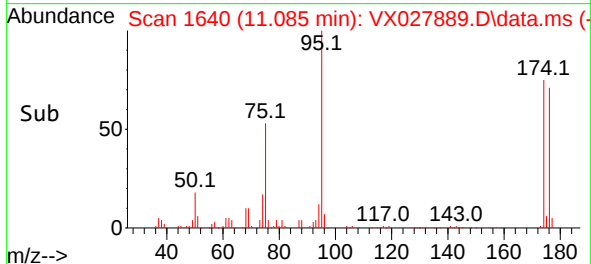
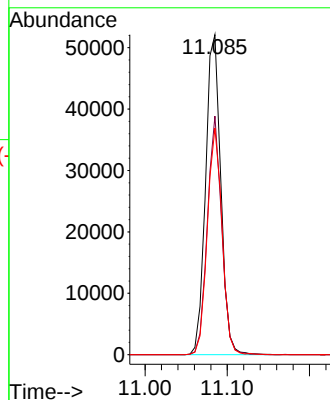
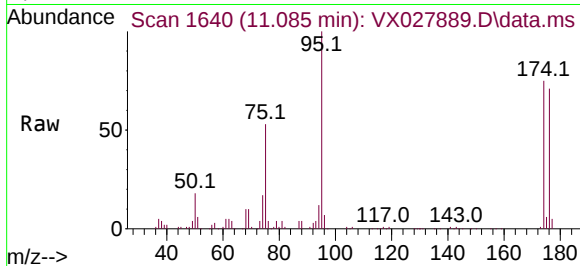




#62
4-Bromofluorobenzene
Concen: 50.906 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

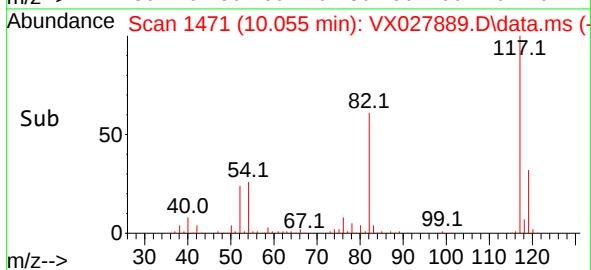
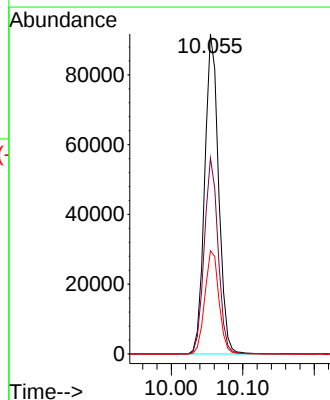
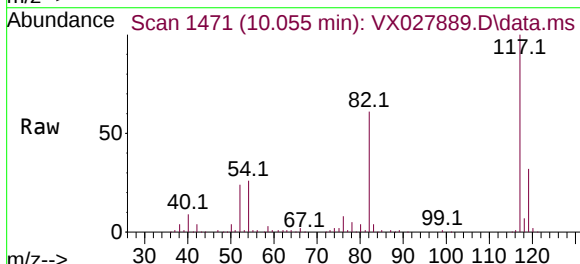
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319DL

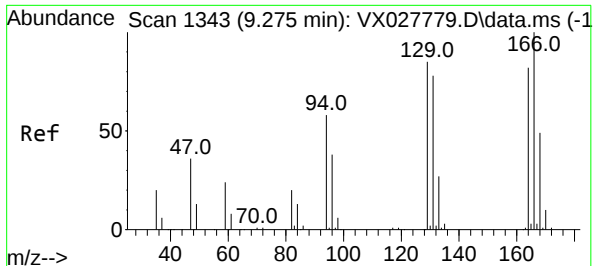
Tgt Ion: 95 Resp: 66996
Ion Ratio Lower Upper
95 100
174 70.4 0.0 163.0
176 68.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

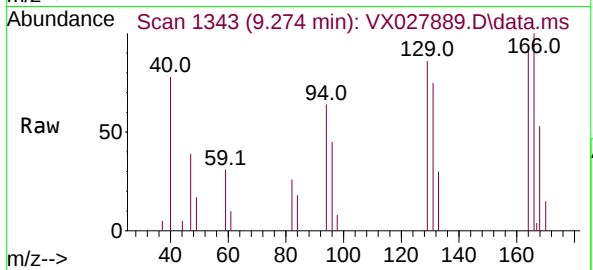
Tgt Ion: 117 Resp: 124044
Ion Ratio Lower Upper
117 100
82 61.3 41.8 62.8
119 32.3 24.8 37.2



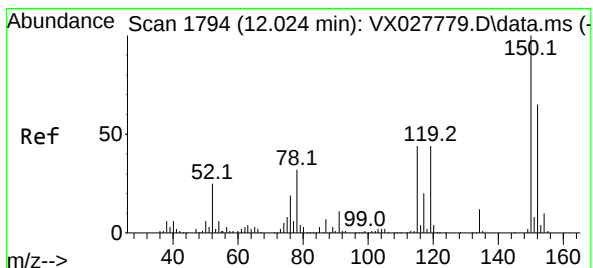
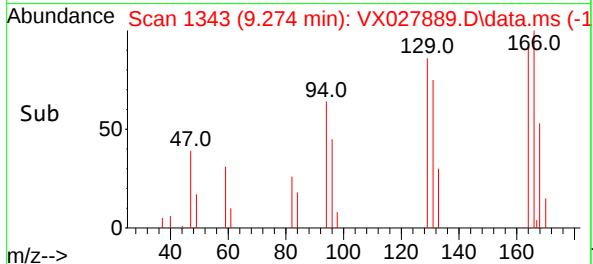
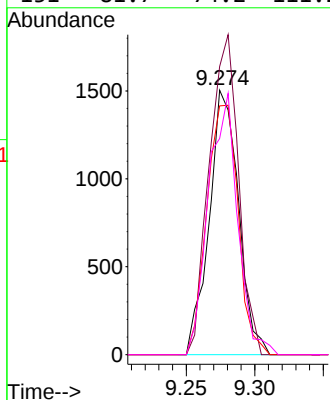


#64
Tetrachloroethene
Concen: 2.663 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319DL

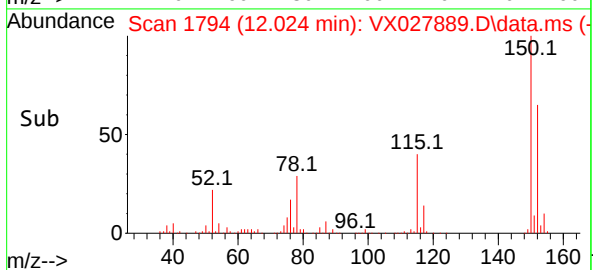
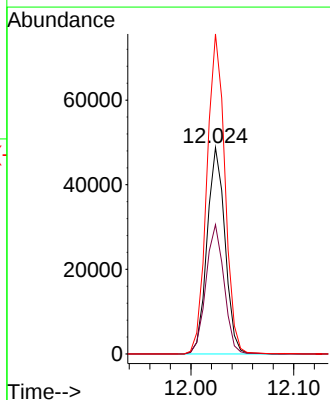
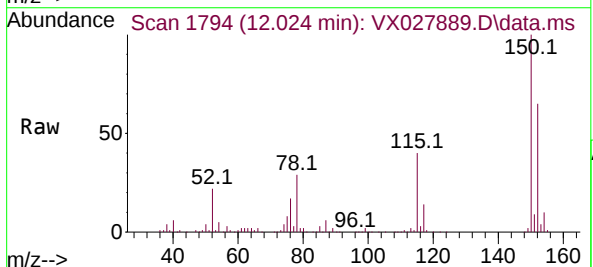


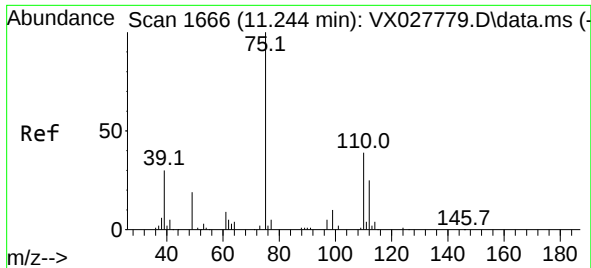
Tgt Ion:	164	Resp:	2240
Ion	Ratio	Lower	Upper
164	100		
166	109.0	101.2	151.8
129	94.1	73.0	109.4
131	81.7	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Tgt Ion:	152	Resp:	59023
Ion	Ratio	Lower	Upper
152	100		
115	63.5	37.5	112.7
150	156.1	0.0	338.2

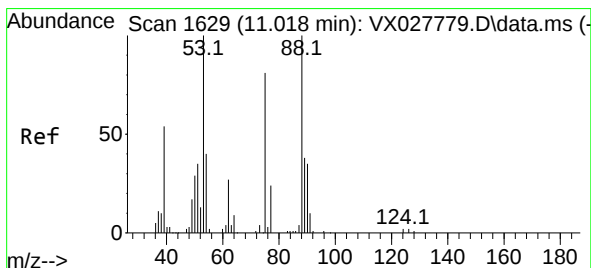
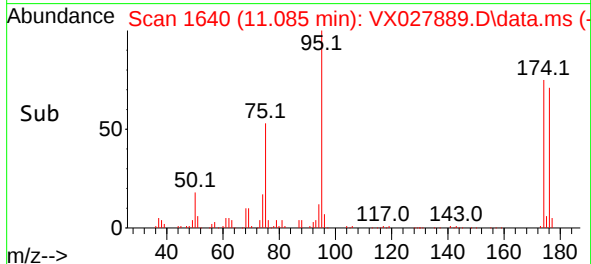
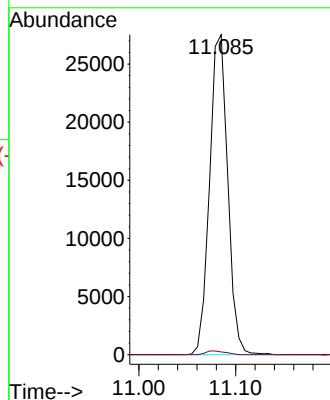
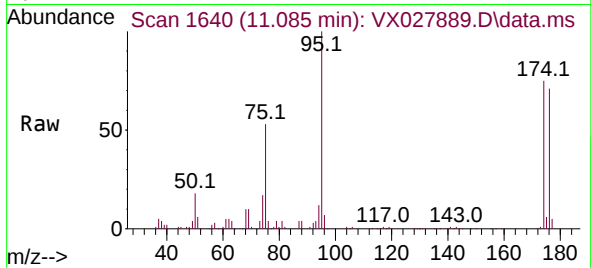




#76
1,2,3-Trichloropropane
Concen: 25.956 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319DL

Tgt Ion: 75 Resp: 35938
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.075 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027889.D
Acq: 01 Apr 2022 18:18

Tgt Ion: 75 Resp: 35938
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

