

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027620.D
 Acq On : 22 Mar 2022 17:28
 Operator : JC/MD
 Sample : N1998-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031622

Quant Time: Mar 23 01:48:44 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	333002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	531392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	477673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186941	45.570	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.140%
35) Dibromofluoromethane	5.391	113	174215	50.957	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.920%
50) Toluene-d8	8.653	98	585700	45.272	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.540%
62) 4-Bromofluorobenzene	11.085	95	216176	45.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.920%

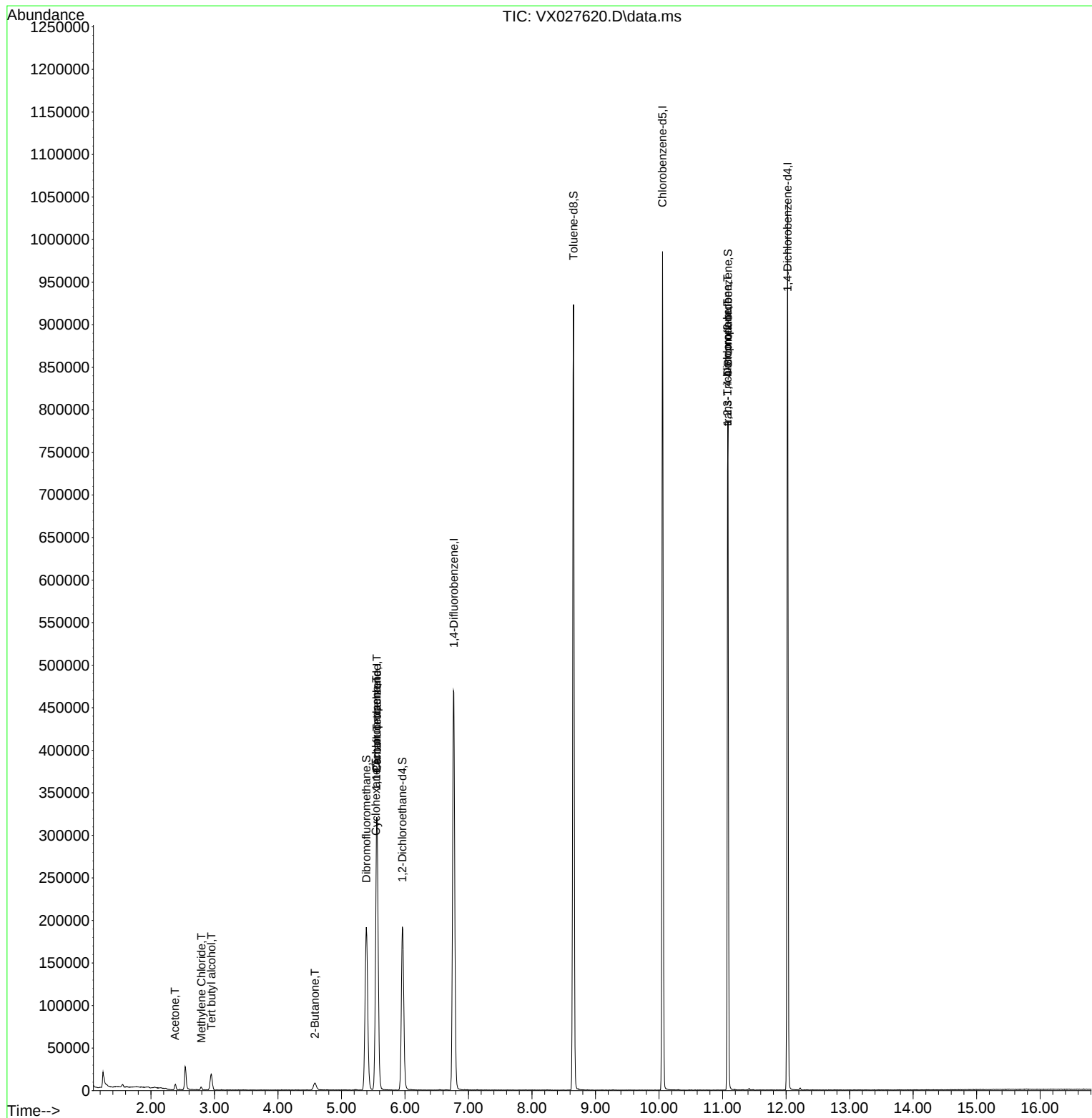
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	594	Below Cal		96
11) Tert butyl alcohol	2.953	59	11688	14.950	ug/l #	73
16) Acetone	2.380	43	6890	4.121	ug/l	94
20) Methylene Chloride	2.794	84	1658	0.461	ug/l #	85
25) 2-Butanone	4.580	43	883	0.351	ug/l #	44
31) Cyclohexane	5.544	56	4523	0.888	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20789	4.450	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31267	5.850	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	98059	21.065	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	98059	63.974	ug/l #	15

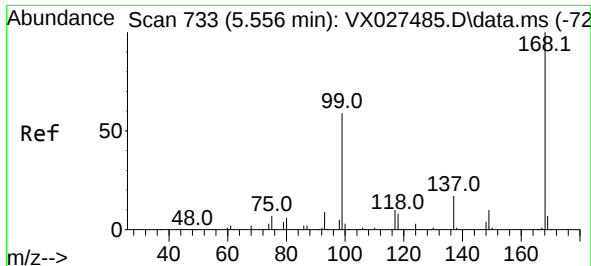
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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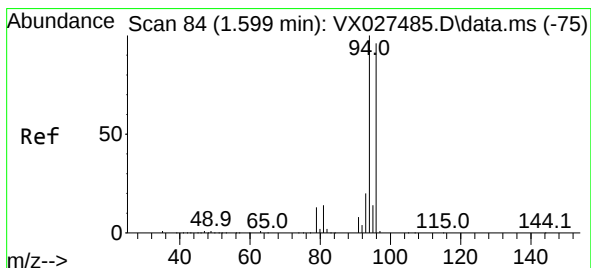
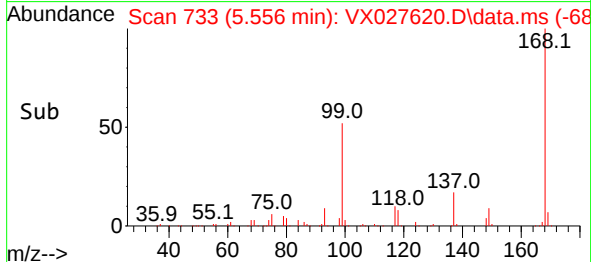
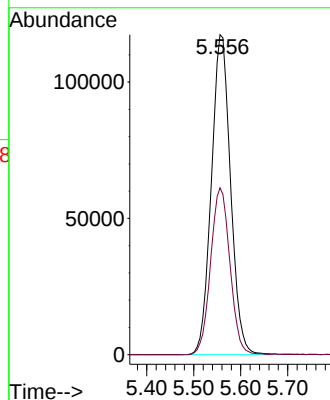
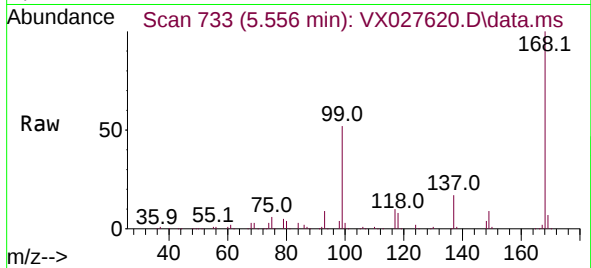




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

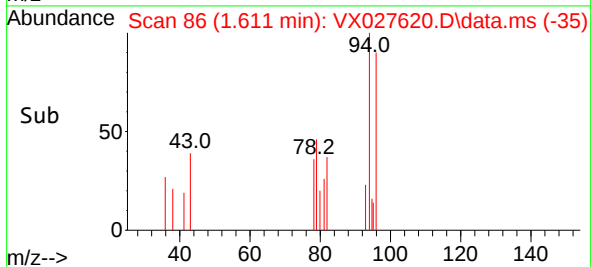
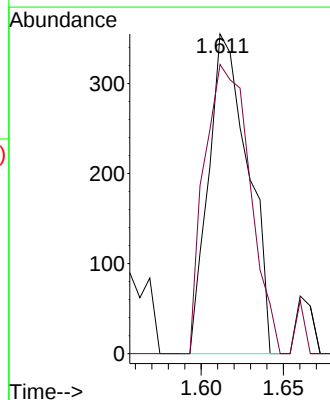
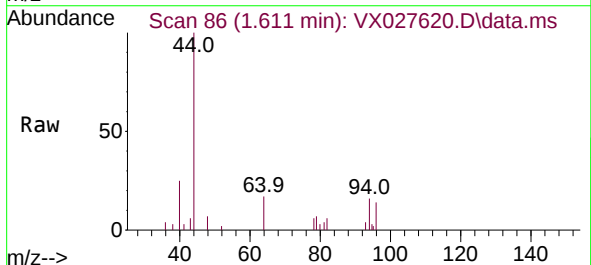
Instrument :
MSVOA_X
ClientSampleId :
FB031622

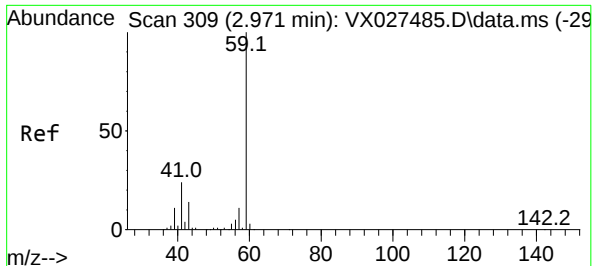
Tgt Ion:168 Resp: 333002
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 94 Resp: 594
Ion Ratio Lower Upper
94 100
96 90.4 75.3 112.9





#11

Tert butyl alcohol

Concen: 14.950 ug/l

RT: 2.953 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX027620.D

Acq: 22 Mar 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

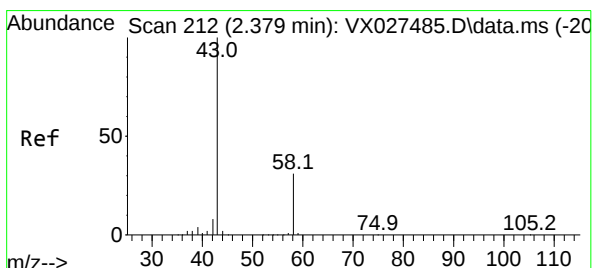
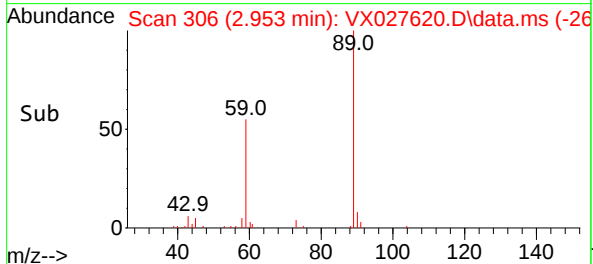
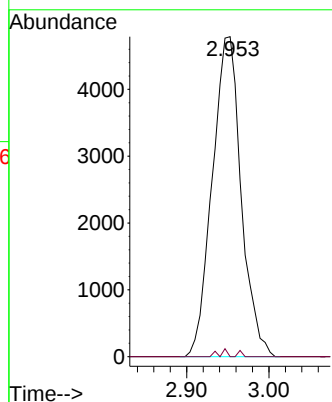
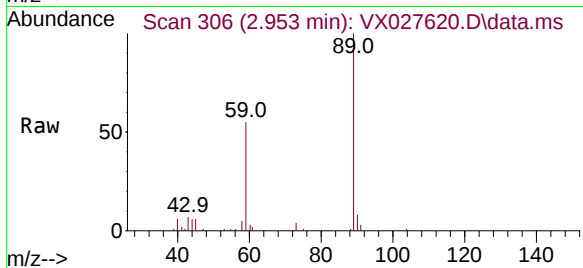
FB031622

Tgt Ion: 59 Resp: 11688

Ion Ratio Lower Upper

59 100

57 0.3 8.3 12.5#



#16

Acetone

Concen: 4.121 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027620.D

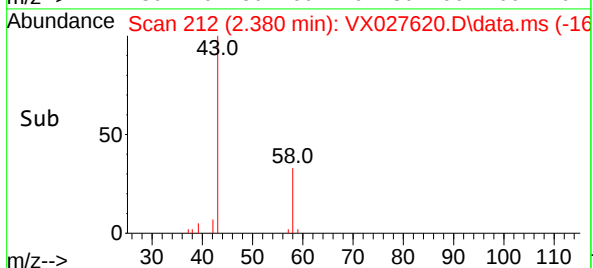
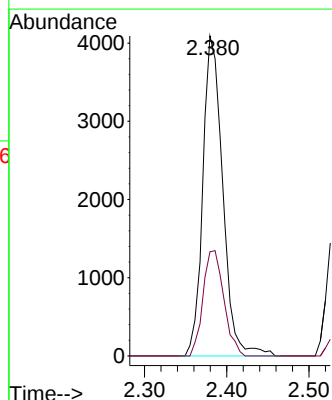
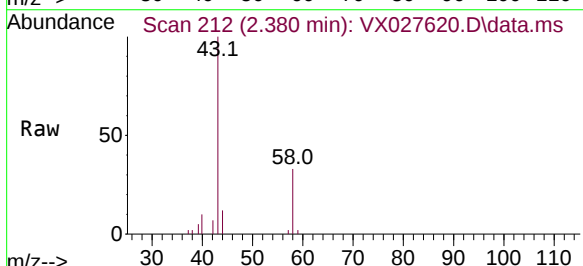
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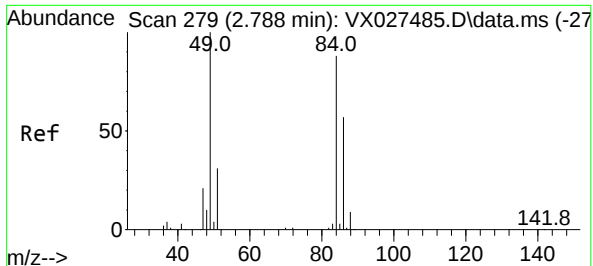
Tgt Ion: 43 Resp: 6890

Ion Ratio Lower Upper

43 100

58 32.5 28.8 43.2

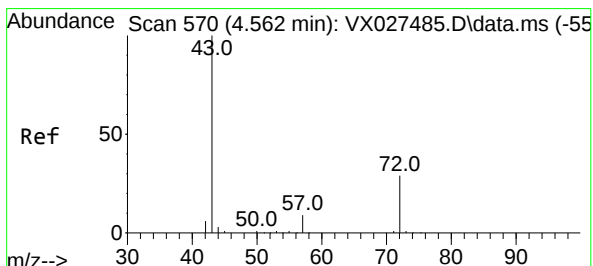
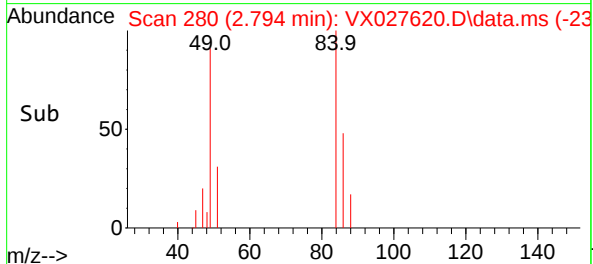
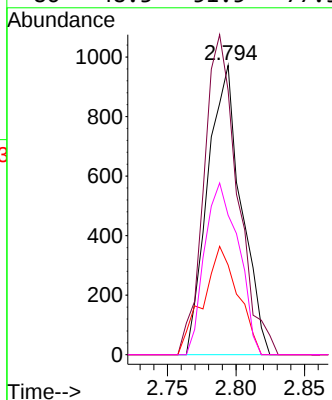
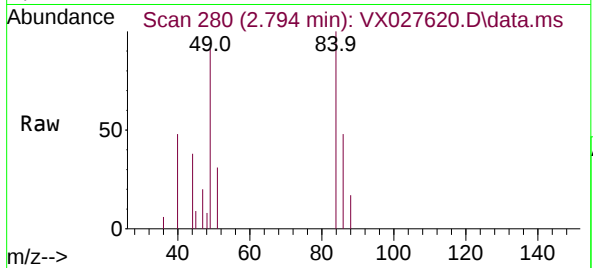




#20
Methylene Chloride
Concen: 0.461 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

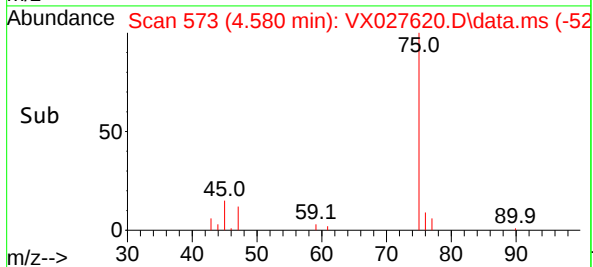
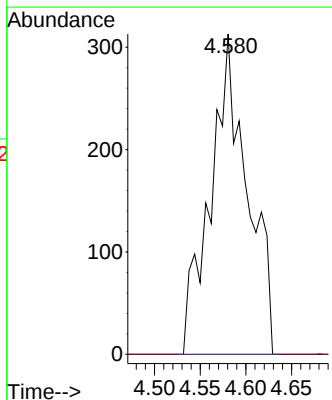
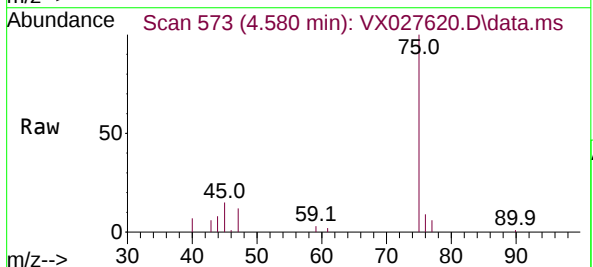
Instrument :
MSVOA_X
ClientSampleId :
FB031622

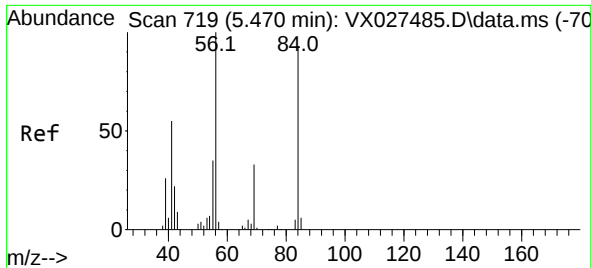
Tgt Ion: 84	Resp: 1658
Ion Ratio	Lower Upper
84 100	
49 91.4	85.5 128.3
51 31.0	26.6 39.8
86 48.3	51.5 77.3#



#25
2-Butanone
Concen: 0.351 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

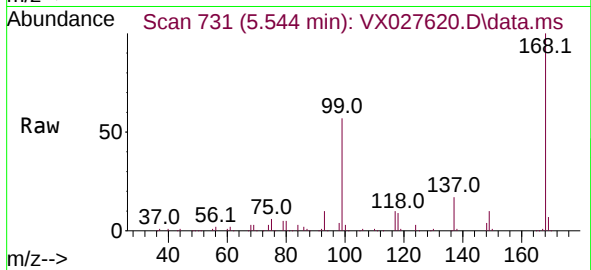
Tgt Ion: 43	Resp:	883	
Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.4	36.6#





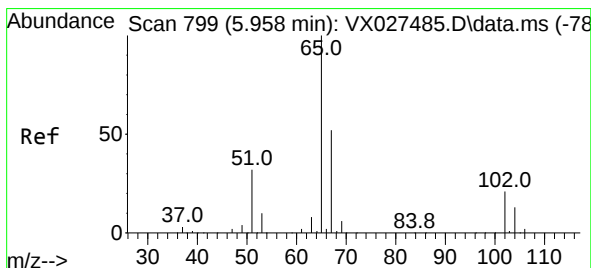
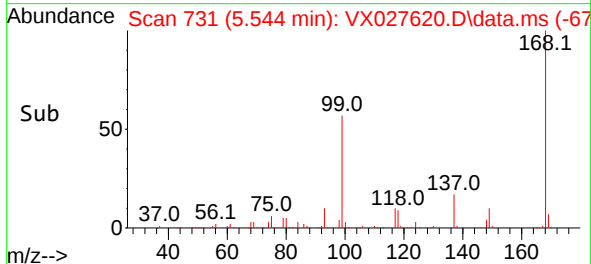
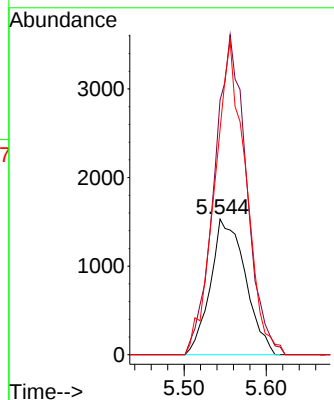
#31
Cyclohexane
Concen: 0.888 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

Instrument :
MSVOA_X
ClientSampleId :
FB031622



Tgt Ion: 56 Resp: 4523

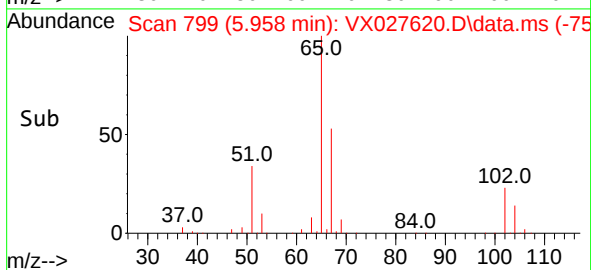
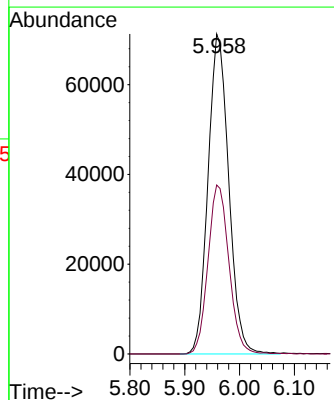
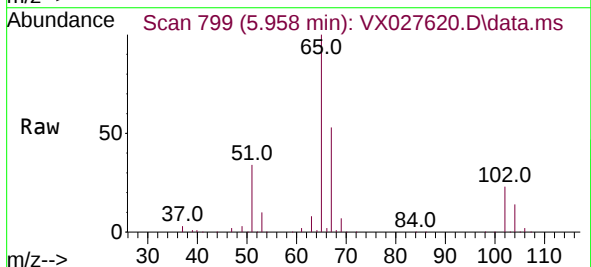
Ion	Ratio	Lower	Upper
56	100		
69	187.7	26.7	40.1#
84	166.0	77.2	115.8#

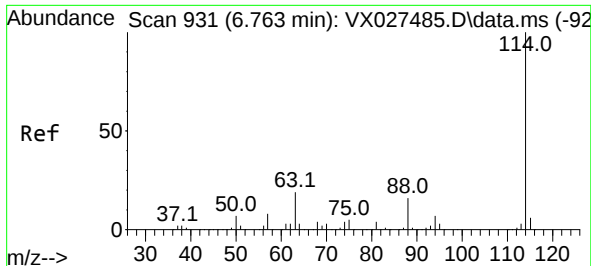


#33
1,2-Dichloroethane-d4
Concen: 45.570 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 65 Resp: 186941

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.4

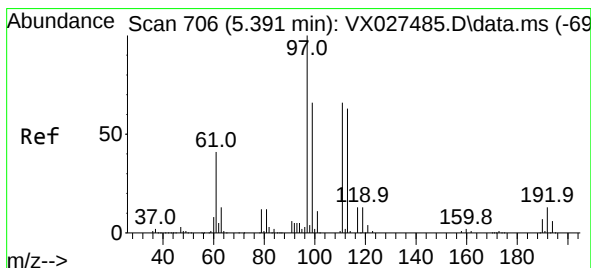
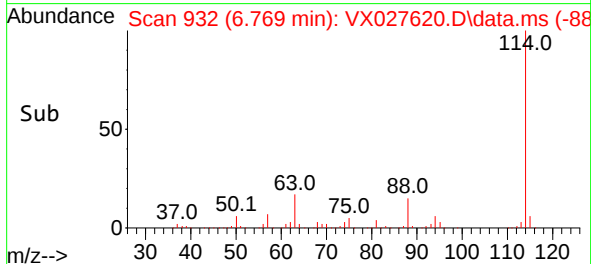
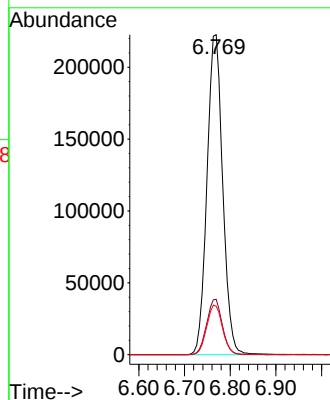
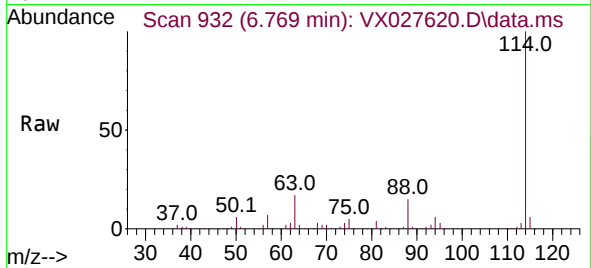




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

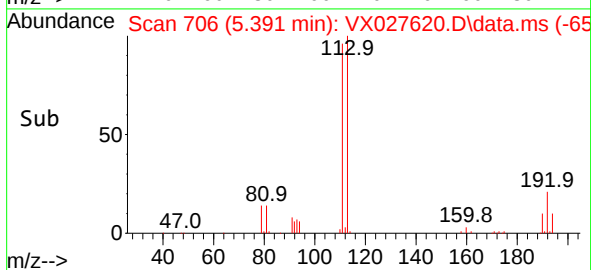
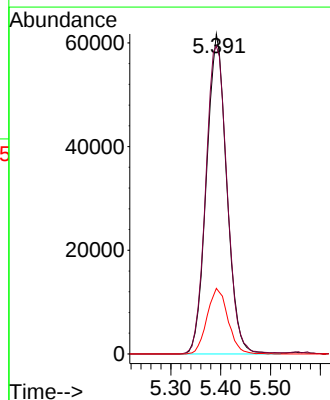
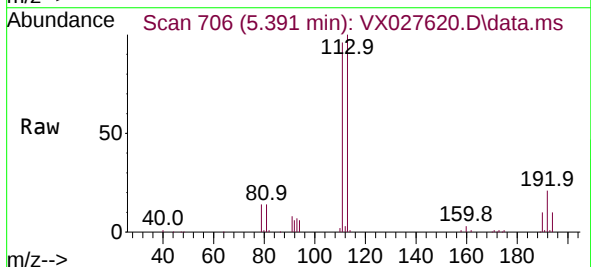
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ClientSampleId :
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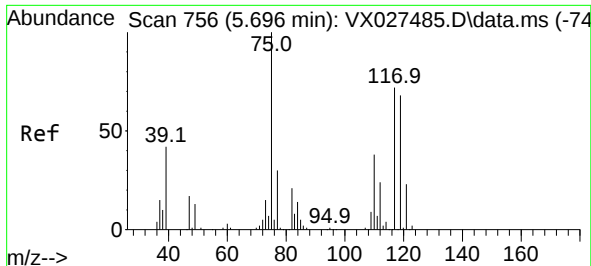
Tgt Ion:114 Resp: 531392
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.957 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

Tgt Ion:113 Resp: 174215
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 21.1 16.9 25.3

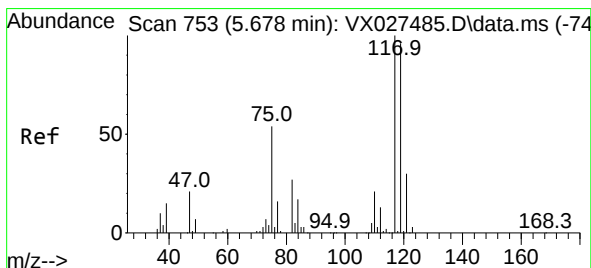
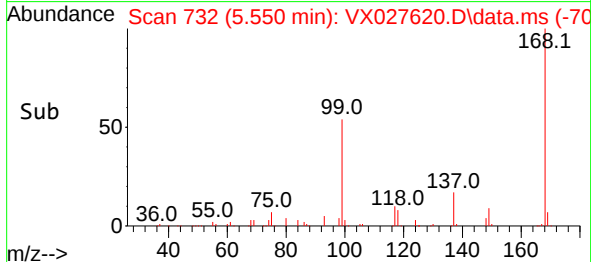
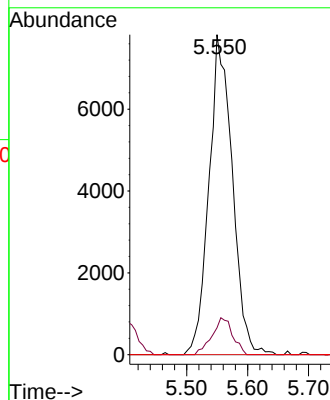
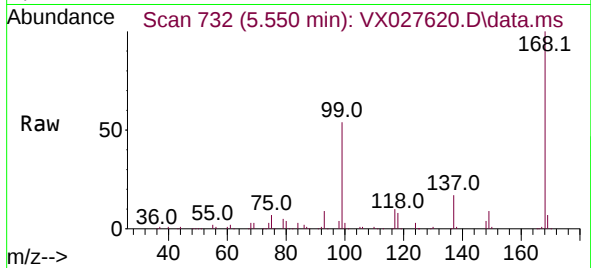




#36
1,1-Dichloropropene
Concen: 4.450 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

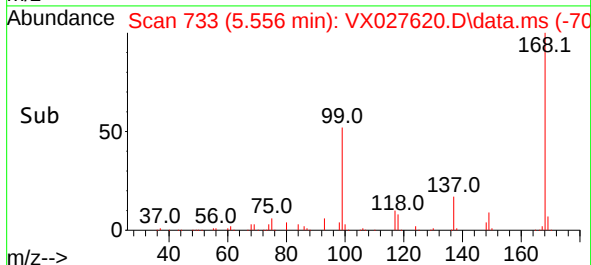
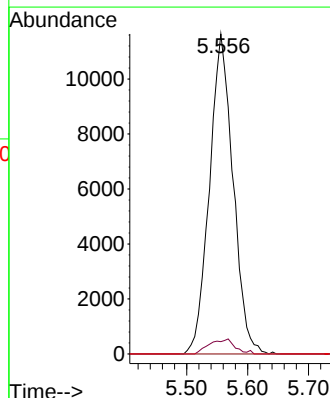
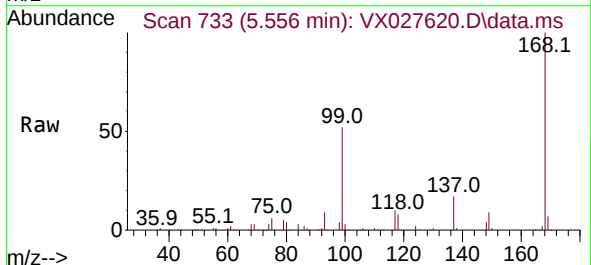
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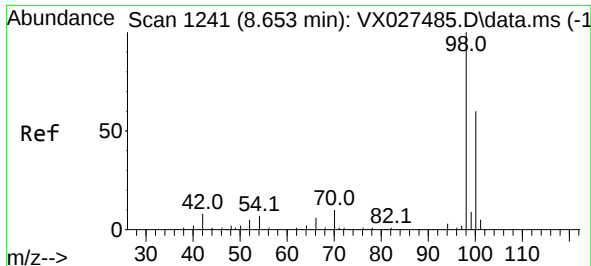
Tgt Ion: 75 Resp: 20789
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 117 Resp: 31267
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#

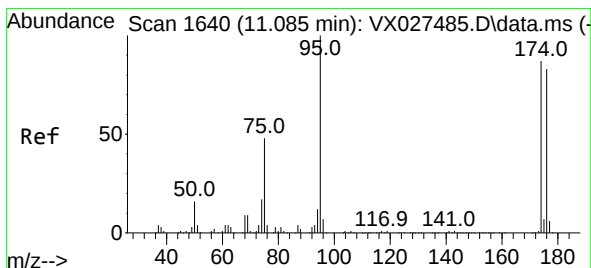
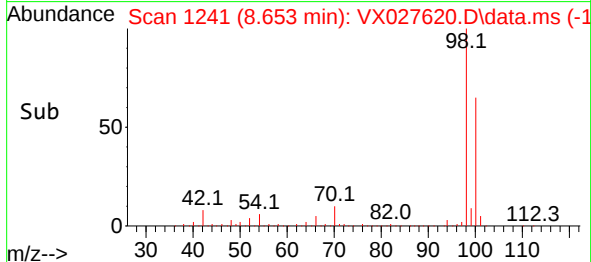
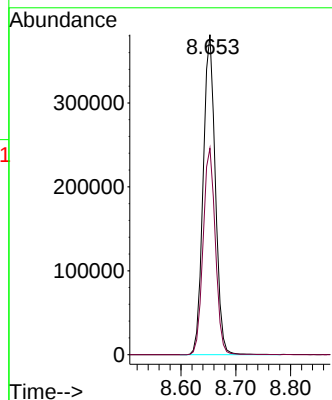
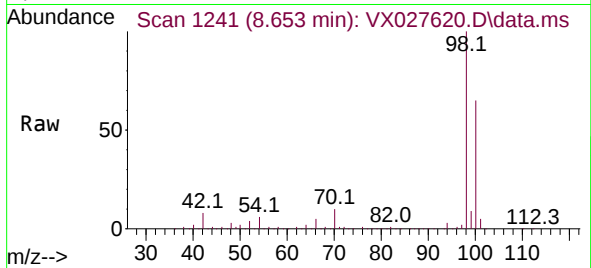




#50
Toluene-d8
Concen: 45.272 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

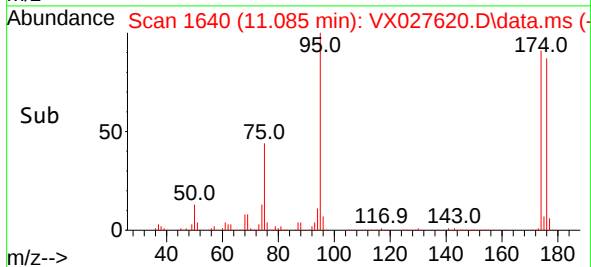
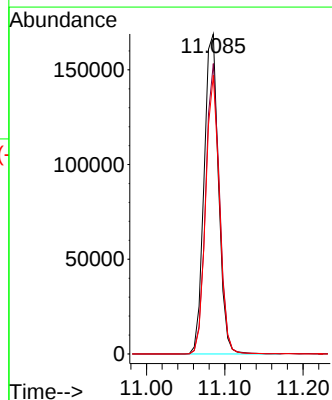
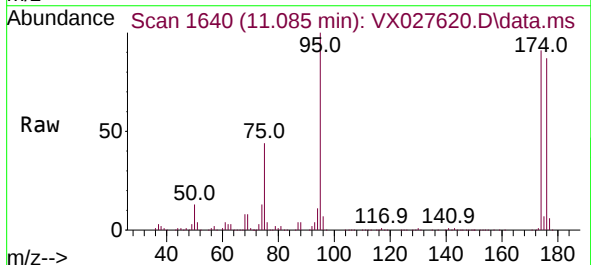
Instrument :
MSVOA_X
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FB031622

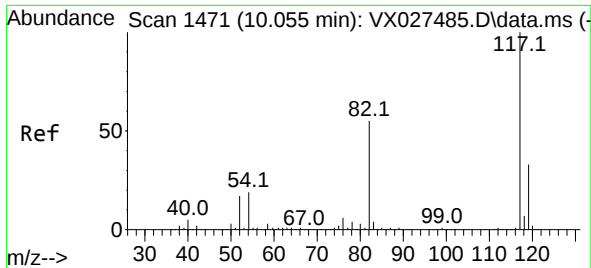
Tgt Ion: 98 Resp: 585700
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.461 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 95 Resp: 216176
Ion Ratio Lower Upper
95 100
174 86.9 0.0 163.0
176 83.4 0.0 155.0

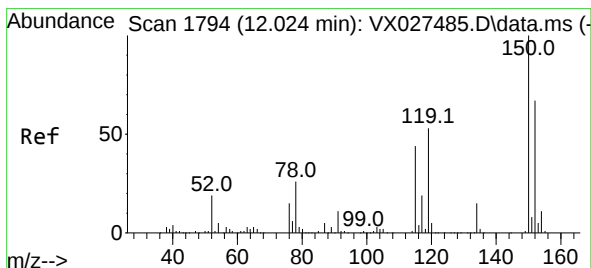
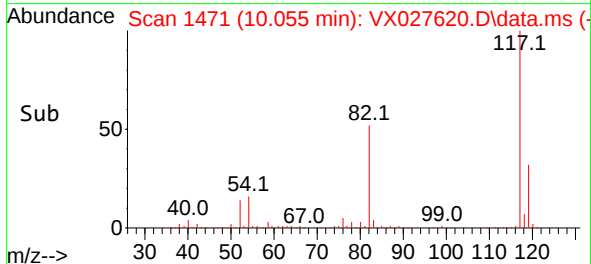
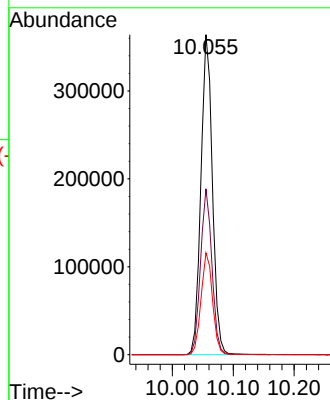
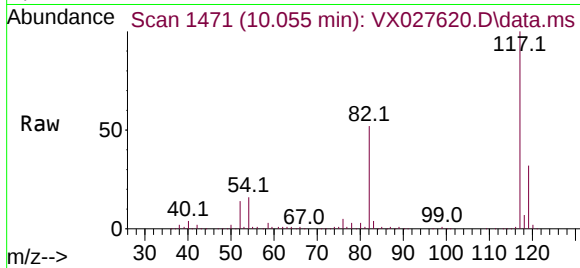




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

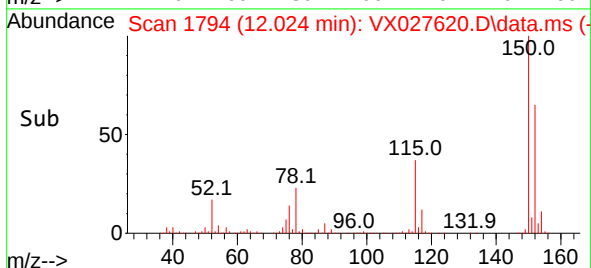
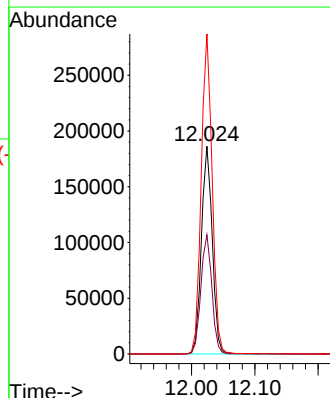
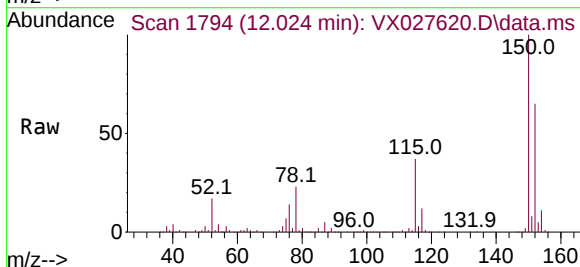
Instrument :
MSVOA_X
ClientSampleId :
FB031622

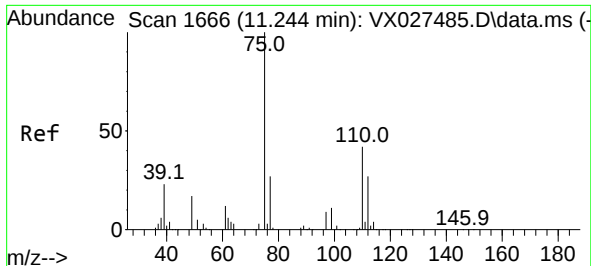
Tgt Ion:117 Resp: 477673
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

Tgt Ion:152 Resp: 222556
Ion Ratio Lower Upper
152 100
115 58.2 37.5 112.7
150 155.0 0.0 338.2

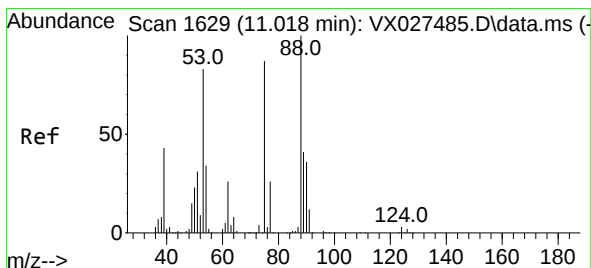
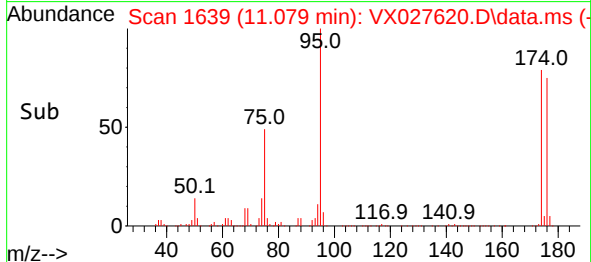
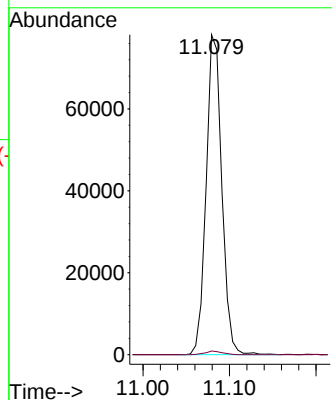
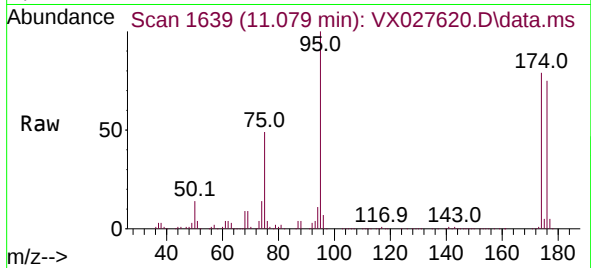




#76
1,2,3-Trichloropropane
Concen: 21.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

Instrument :
MSVOA_X
ClientSampleId :
FB031622

Tgt Ion: 75 Resp: 98059
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027620.D
Acq: 22 Mar 2022 17:28

Tgt Ion: 75 Resp: 98059
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

