

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027586.D
 Acq On : 21 Mar 2022 15:14
 Operator : JC/MD
 Sample : N1998-05DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 22 05:46:42 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)

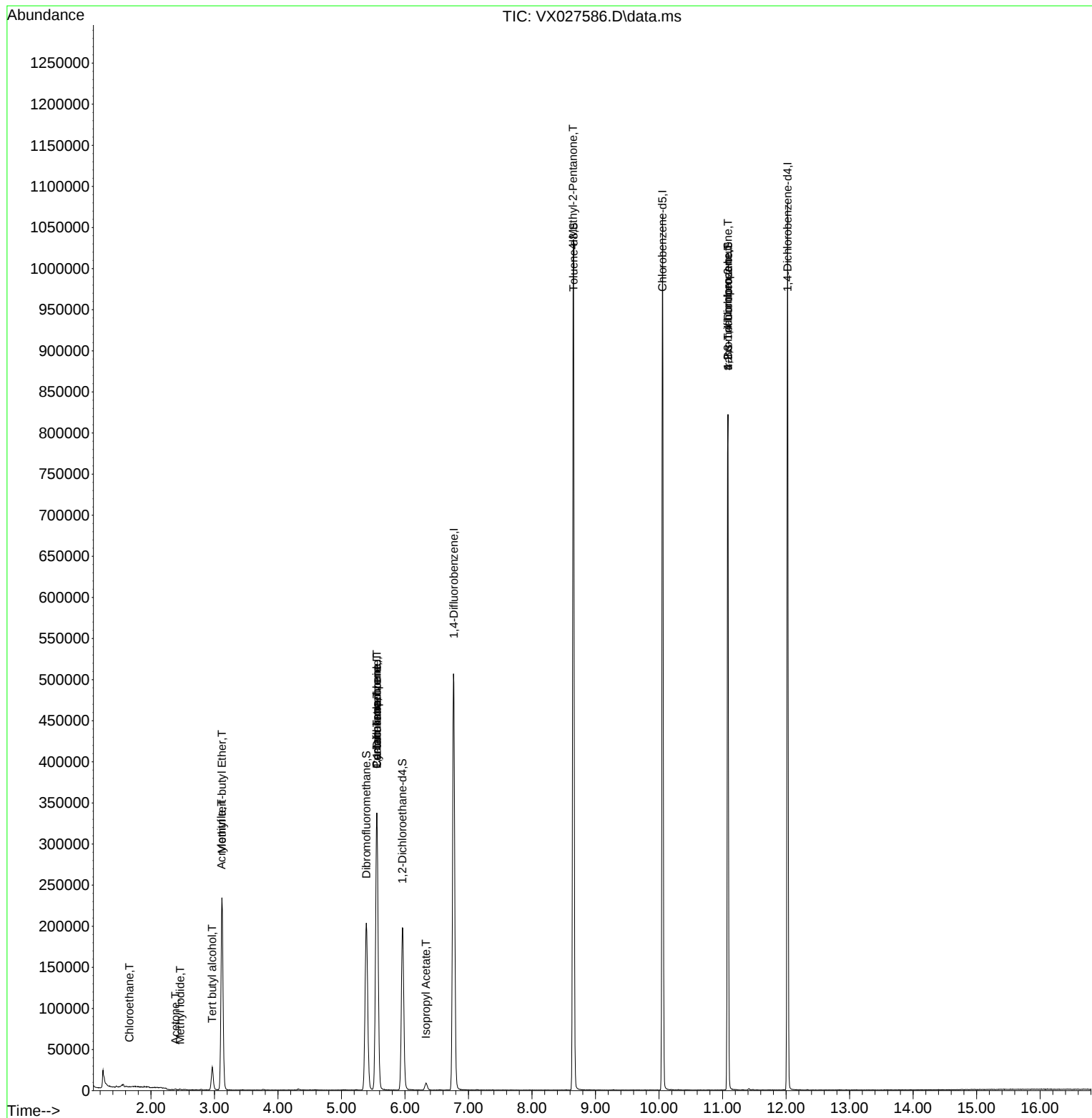
Internal Standards						
1) Pentafluorobenzene	5.556	168	337077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	550378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	496030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196100	47.225	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.460%
35) Dibromofluoromethane	5.391	113	182491	51.536	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.080%
50) Toluene-d8	8.653	98	641028	47.839	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.680%
62) 4-Bromofluorobenzene	11.085	95	225965	45.880	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	808	Below Cal		100
6) Chloroethane	1.660	64	555	0.273	ug/l #	57
10) Methyl Iodide	2.459	142	1092	0.253	ug/l #	86
11) Tert butyl alcohol	2.965	59	29876	37.752	ug/l	99
15) Acrylonitrile	3.111	53	2861	1.590	ug/l #	30
16) Acetone	2.386	43	1101	0.650	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	266178	25.205	ug/l	100
31) Cyclohexane	5.556	56	5815	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22995	4.752	ug/l #	49
38) Carbon Tetrachloride	5.556	117	32912	5.945	ug/l #	15
43) Isopropyl Acetate	6.330	43	2822	0.364	ug/l #	8
51) 4-Methyl-2-Pentanone	8.647	43	2388	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	106064	22.474	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	106064	68.253	ug/l #	15

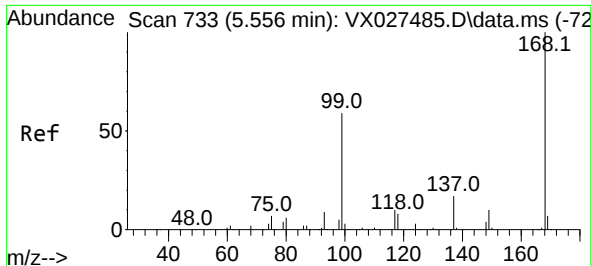
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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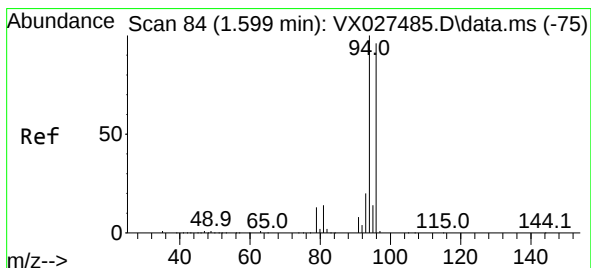
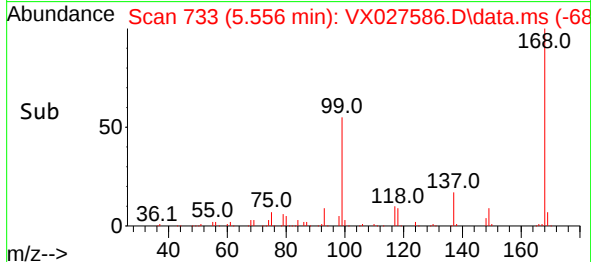
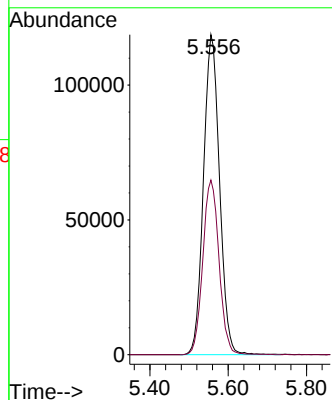
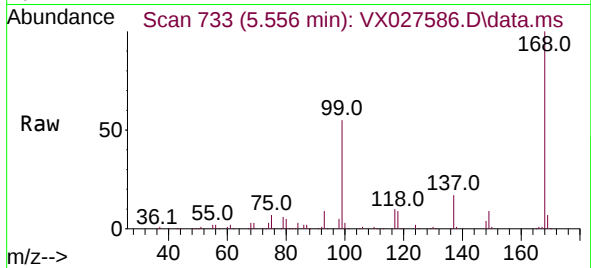




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

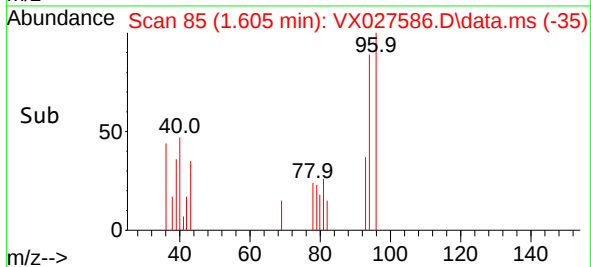
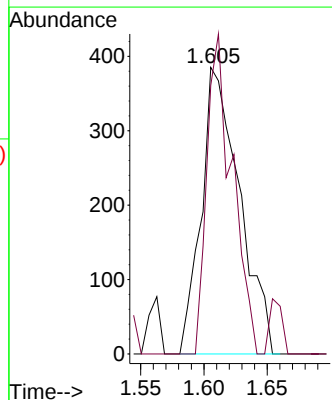
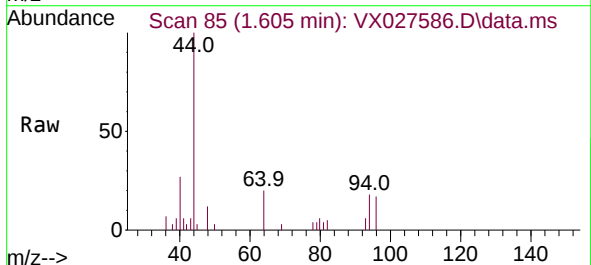
Instrument :
MSVOA_X
ClientSampleId :

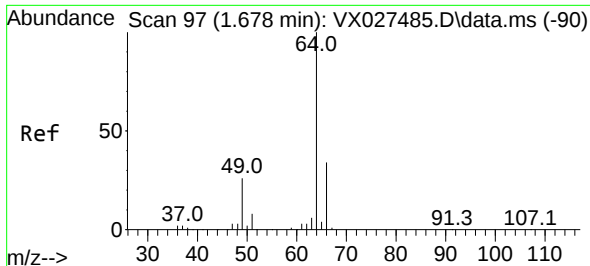
Tgt Ion:168 Resp: 337077
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

Tgt Ion: 94 Resp: 808
Ion Ratio Lower Upper
94 100
96 93.8 75.3 112.9

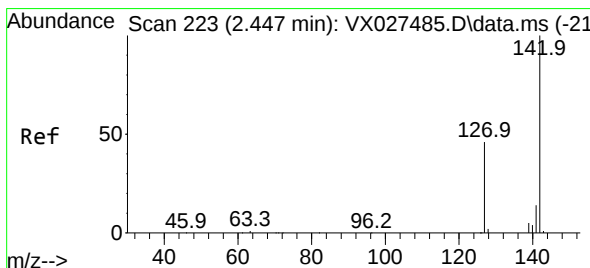
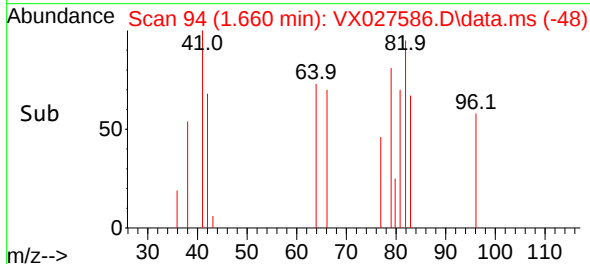
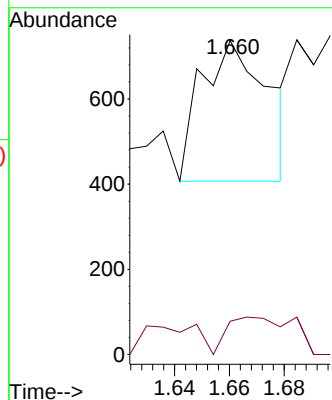
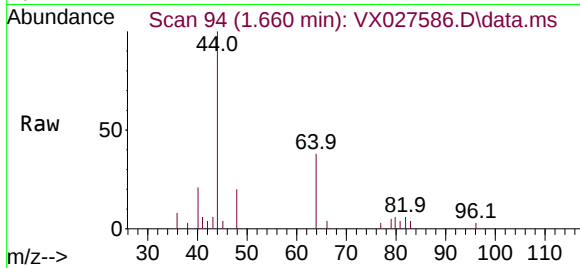




#6
Chloroethane
Concen: 0.273 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

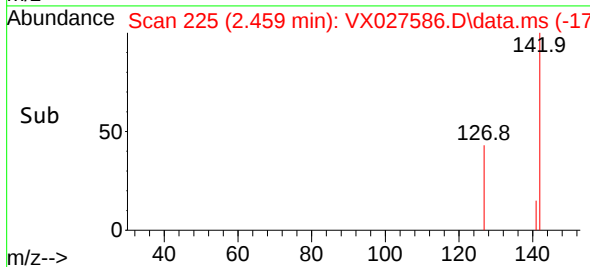
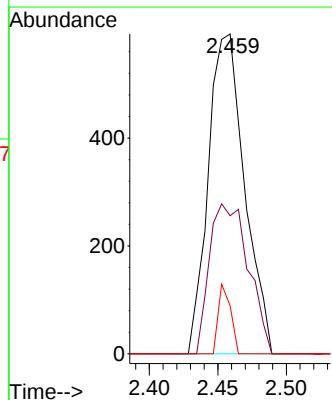
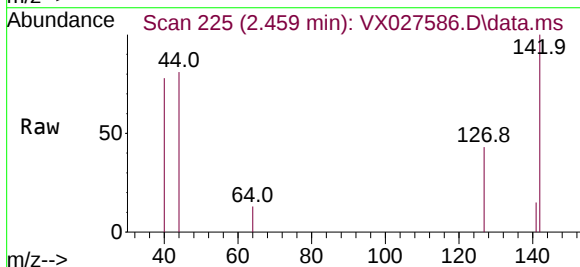
Instrument :
MSVOA_X
ClientSampleId :

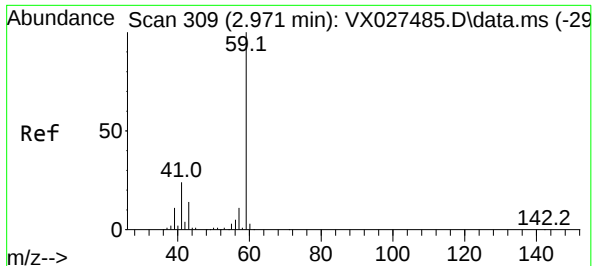
Tgt Ion: 64 Resp: 555
Ion Ratio Lower Upper
64 100
66 7.9 25.3 37.9#



#10
Methyl Iodide
Concen: 0.253 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

Tgt Ion: 142 Resp: 1092
Ion Ratio Lower Upper
142 100
127 50.3 33.9 50.9
141 7.3 11.4 17.2#





#11

Tert butyl alcohol

Concen: 37.752 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX027586.D

Acq: 21 Mar 2022 15:14

Instrument :

MSVOA_X

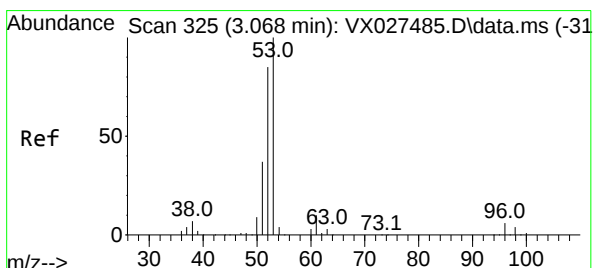
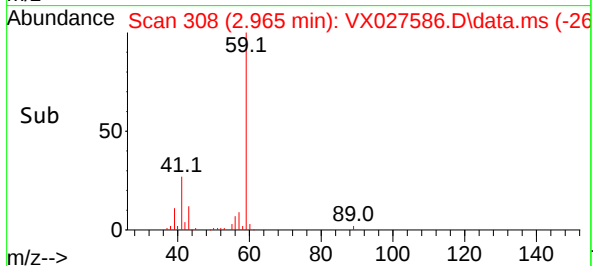
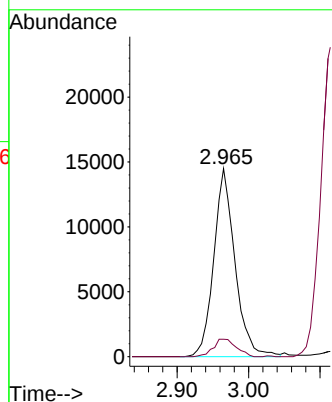
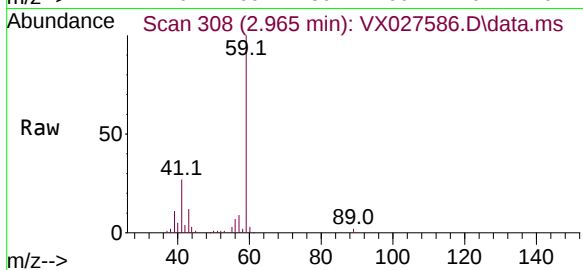
ClientSampleId :

Tgt Ion: 59 Resp: 29876

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#15

Acrylonitrile

Concen: 1.590 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.043 min

Lab File: VX027586.D

Acq: 21 Mar 2022 15:14

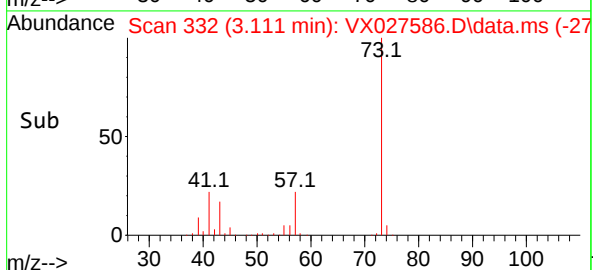
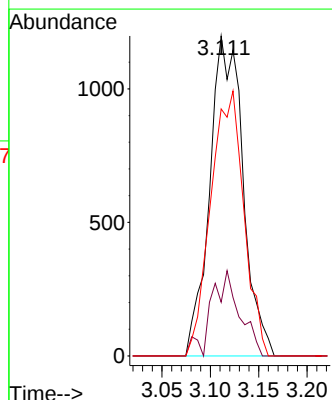
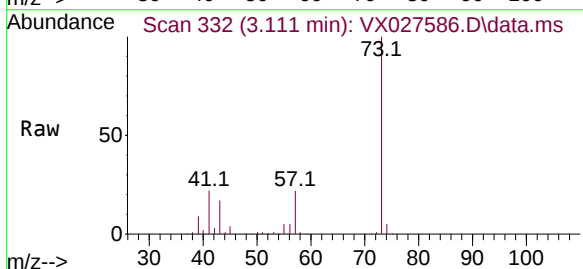
Tgt Ion: 53 Resp: 2861

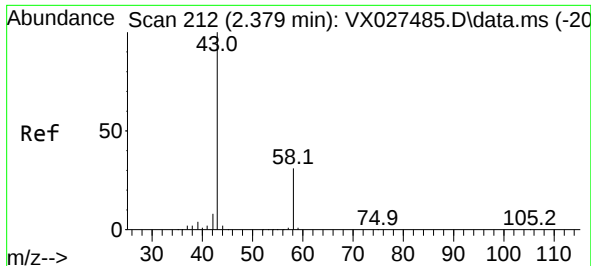
Ion Ratio Lower Upper

53 100

52 22.9 65.7 98.5#

51 82.5 28.4 42.6#

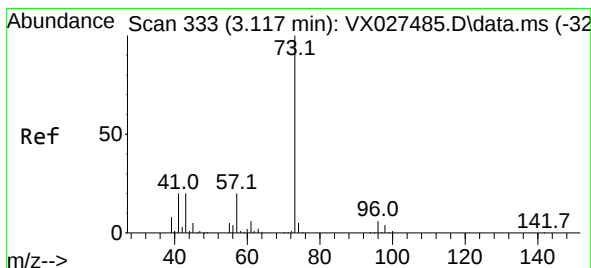
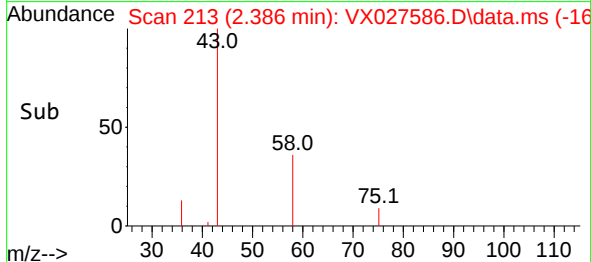
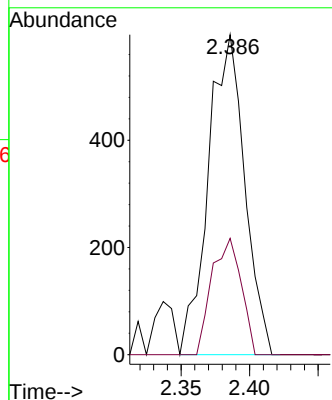
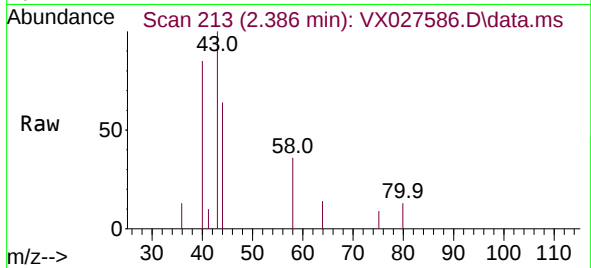




#16
Acetone
Concen: 0.650 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

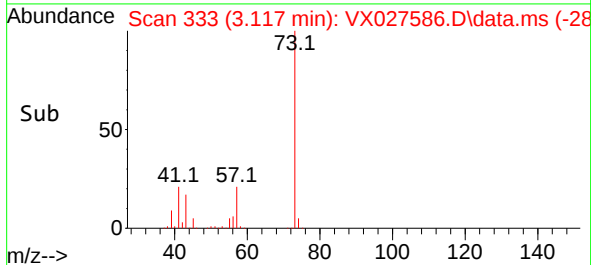
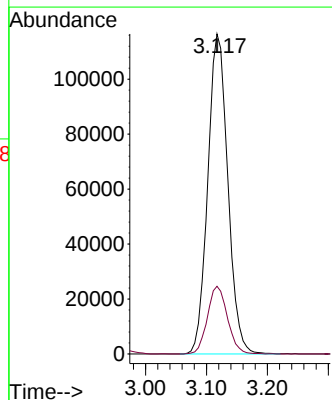
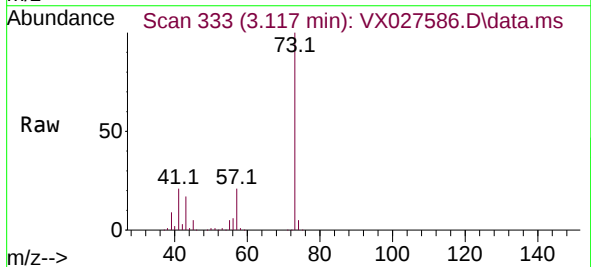
Instrument :
MSVOA_X
ClientSampleId :

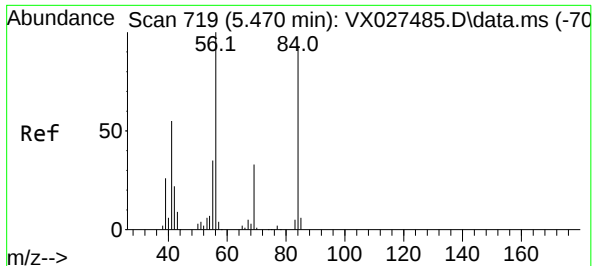
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 36.3 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 25.205 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

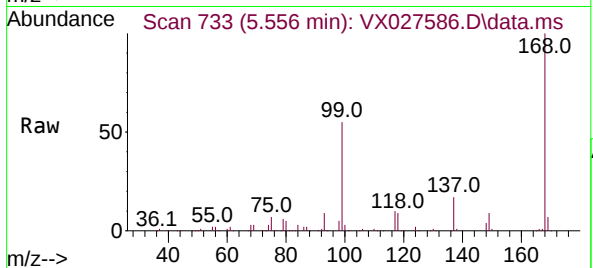
Tgt Ion: 73 Resp: 266178
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2



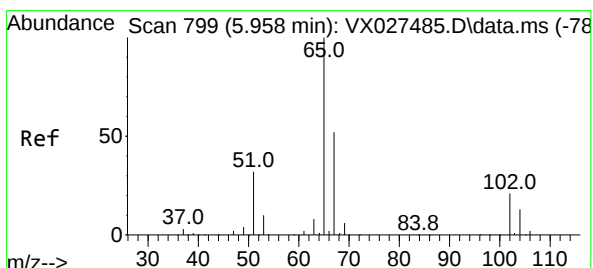
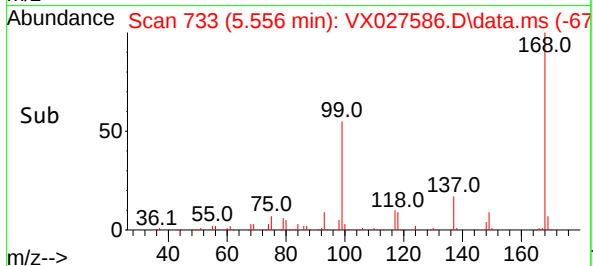
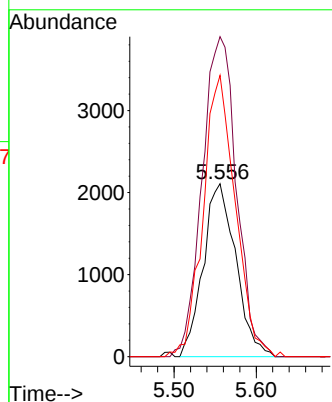


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :

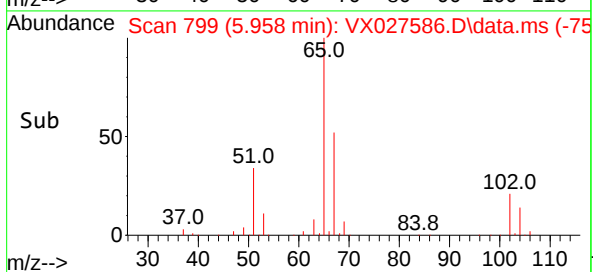
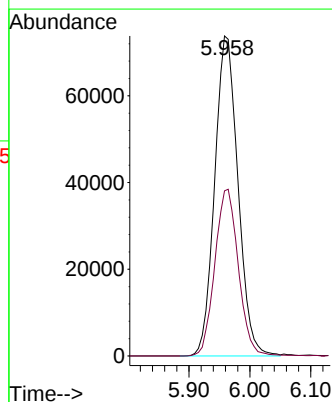
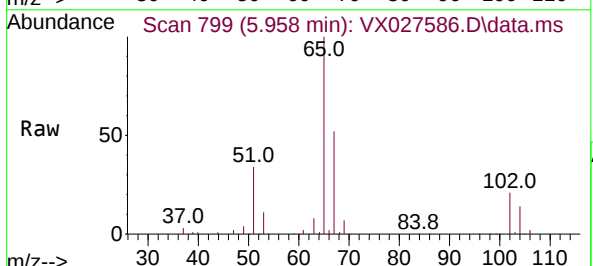


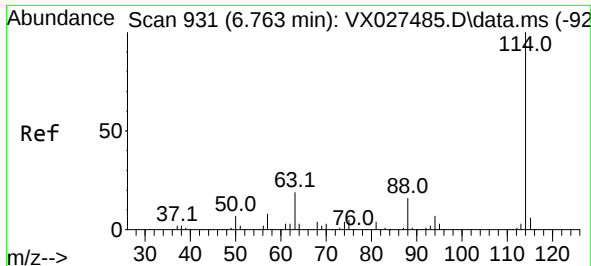
Tgt Ion: 56 Resp: 5815
Ion Ratio Lower Upper
56 100
69 185.0 26.7 40.1#
84 160.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.225 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

Tgt Ion: 65 Resp: 196100
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

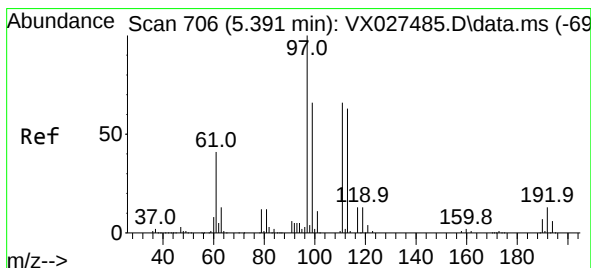
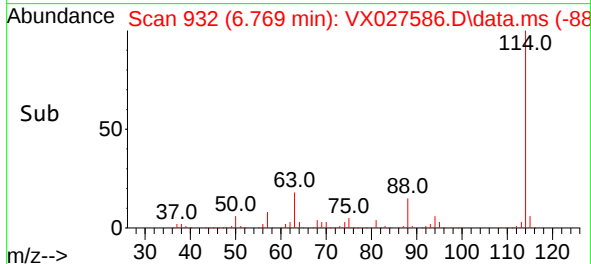
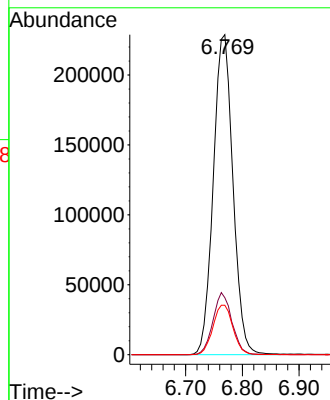
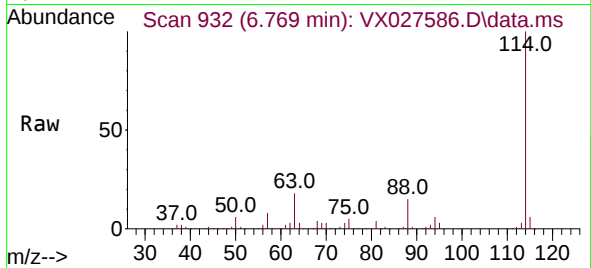




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

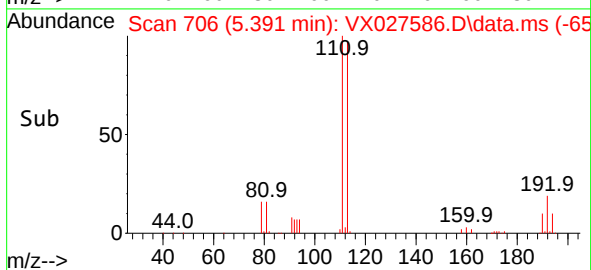
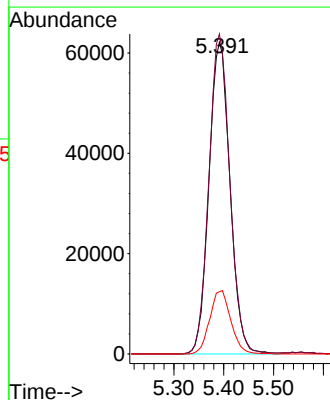
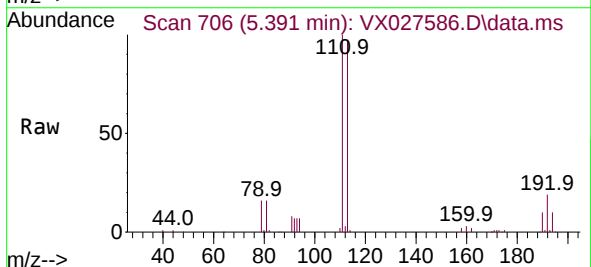
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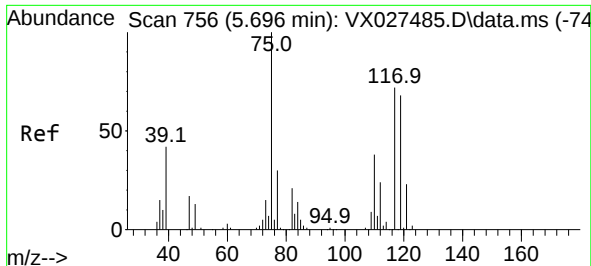
Tgt Ion:114 Resp: 550378
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.536 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

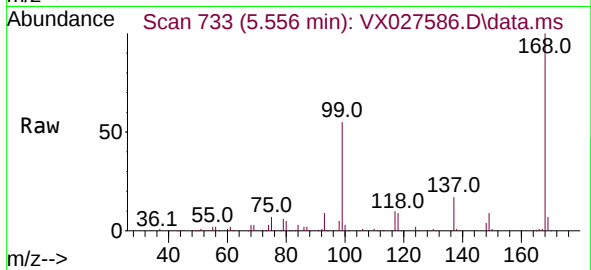
Tgt Ion:113 Resp: 182491
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 20.3 16.9 25.3



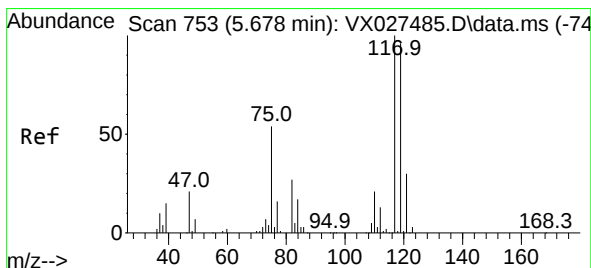
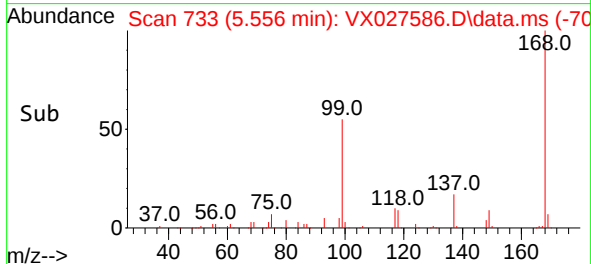
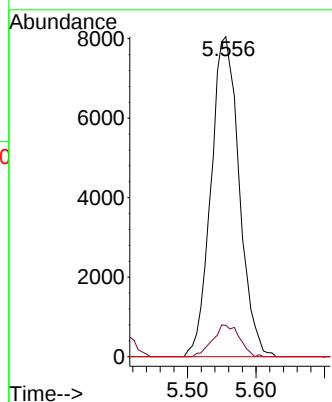


#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :

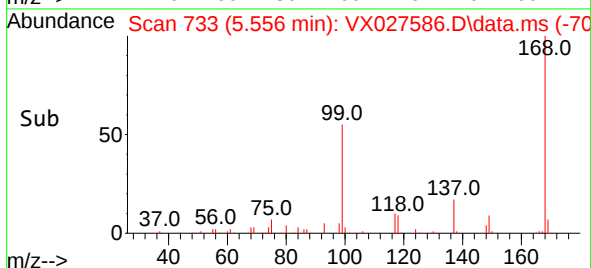
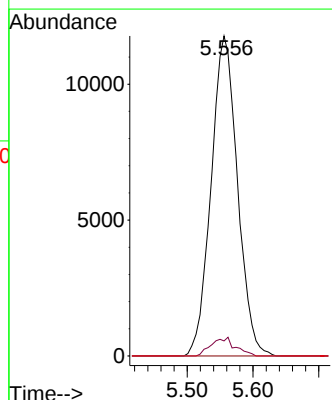
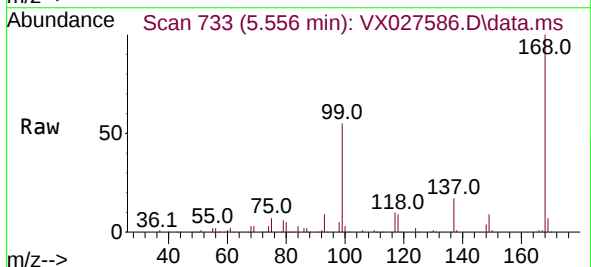


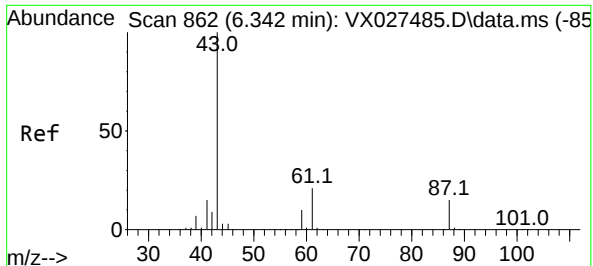
Tgt Ion: 75 Resp: 22995
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.945 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

Tgt Ion: 117 Resp: 32912
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 0.364 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.012 min

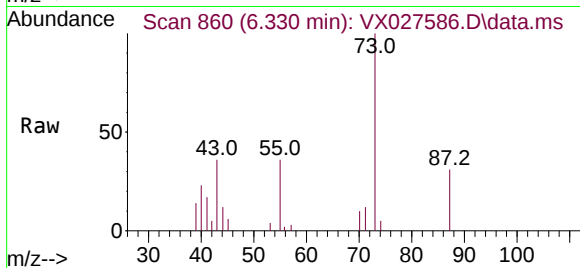
Lab File: VX027586.D

Acq: 21 Mar 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :



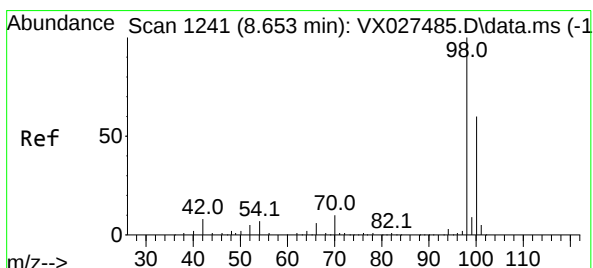
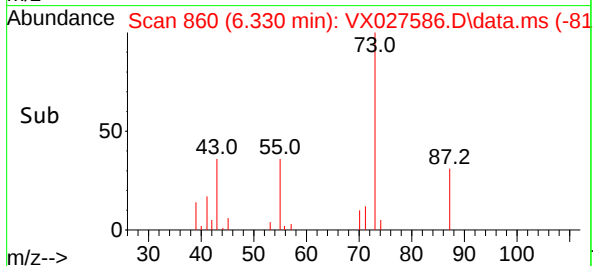
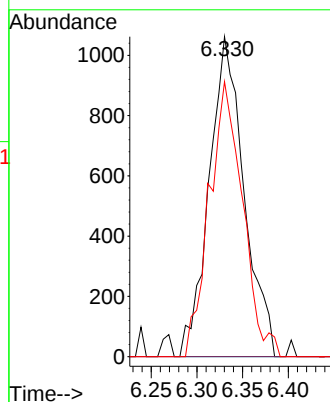
Tgt Ion: 43 Resp: 2822

Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 82.3 13.0 19.6#



#50

Toluene-d8

Concen: 47.839 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027586.D

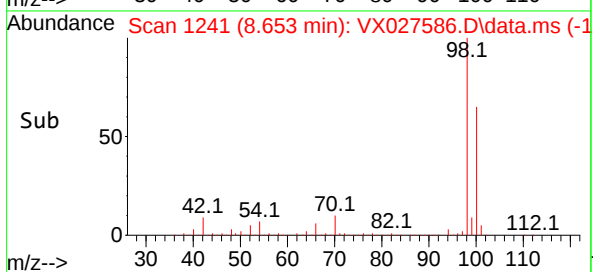
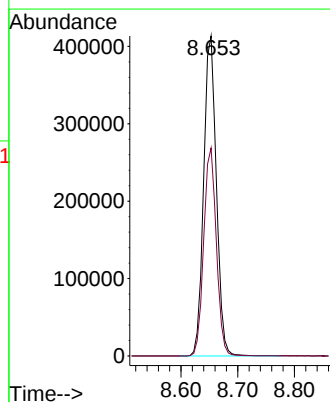
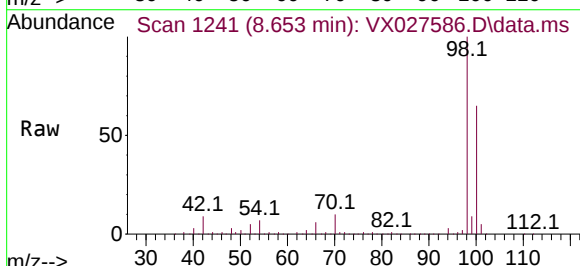
Acq: 21 Mar 2022 15:14

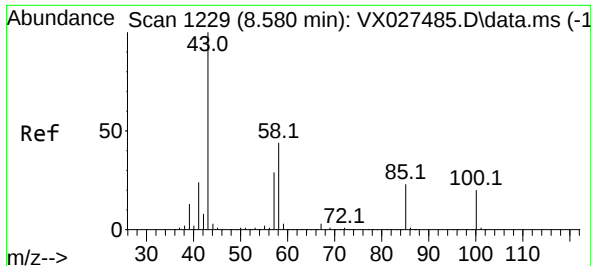
Tgt Ion: 98 Resp: 641028

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8

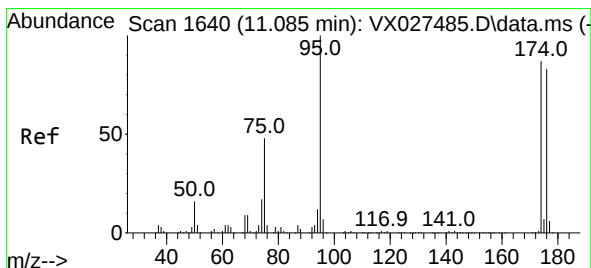
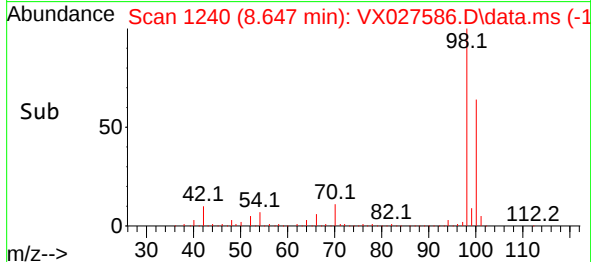
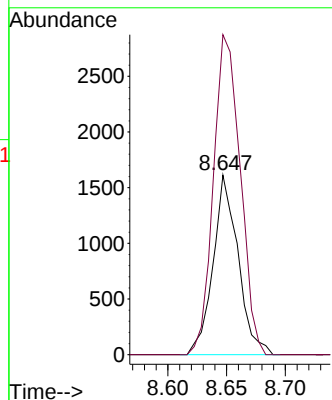
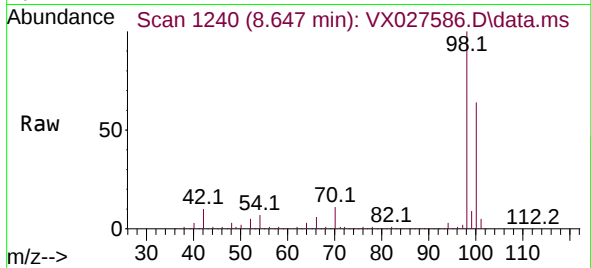




#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

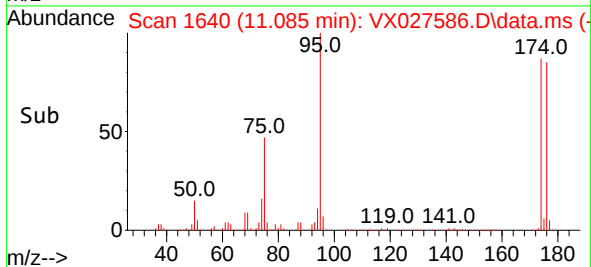
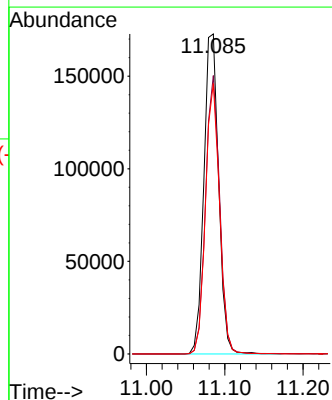
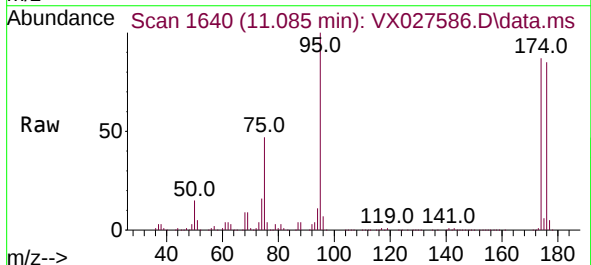
Instrument :
MSVOA_X
ClientSampleId :

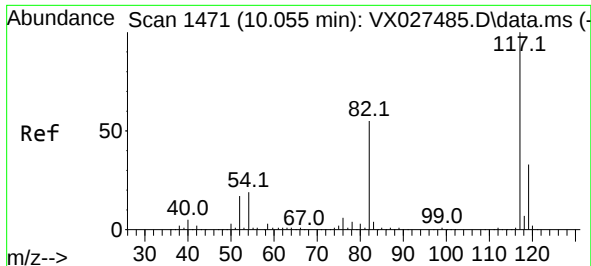
Tgt Ion: 43 Resp: 2388
Ion Ratio Lower Upper
43 100
58 191.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 45.880 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

Tgt Ion: 95 Resp: 225965
Ion Ratio Lower Upper
95 100
174 83.1 0.0 163.0
176 80.7 0.0 155.0

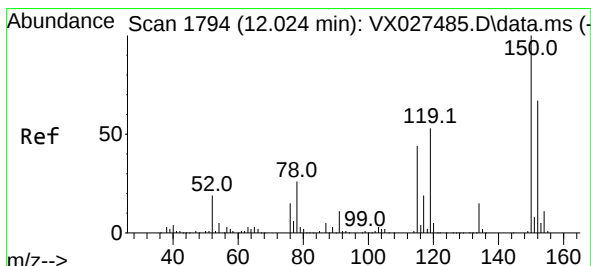
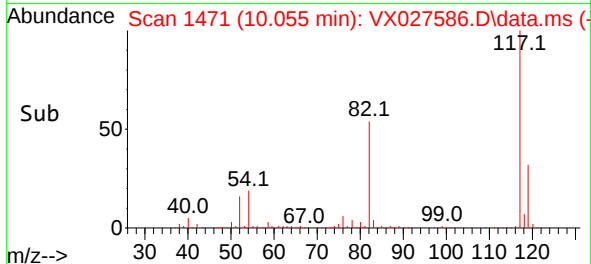
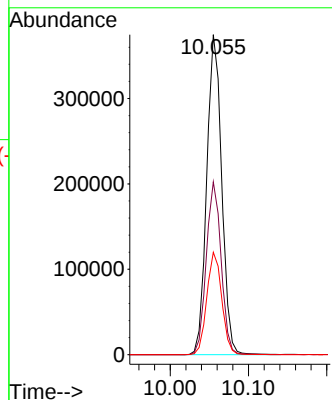
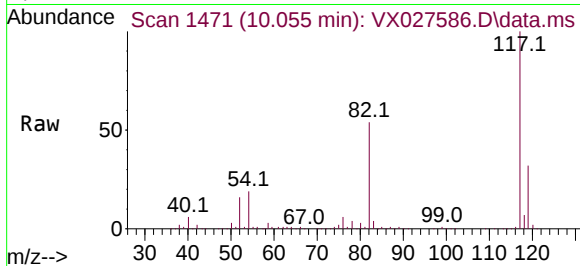




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

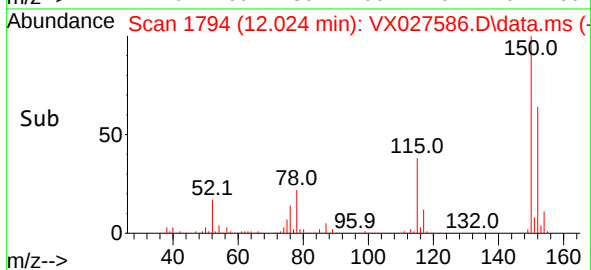
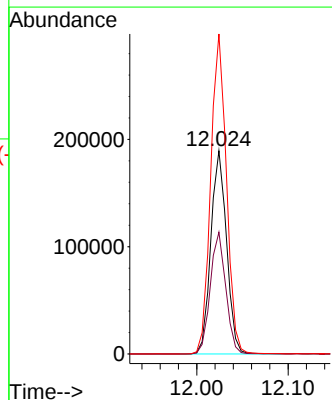
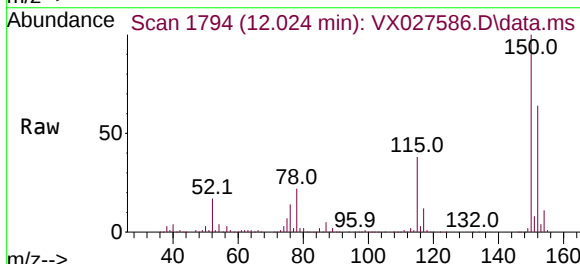
Instrument :
MSVOA_X
ClientSampleId :

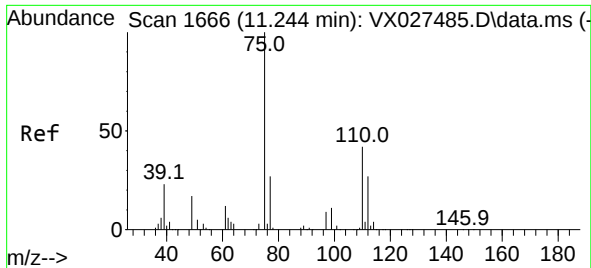
Tgt Ion:117 Resp: 496030
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

Tgt Ion:152 Resp: 225634
Ion Ratio Lower Upper
152 100
115 59.2 37.5 112.7
150 157.8 0.0 338.2

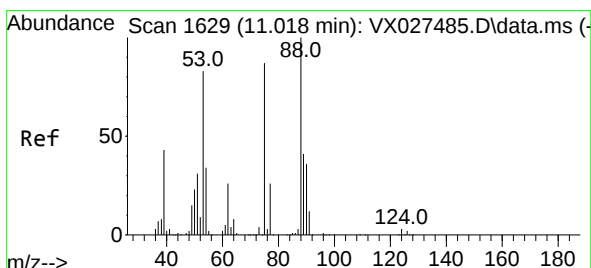
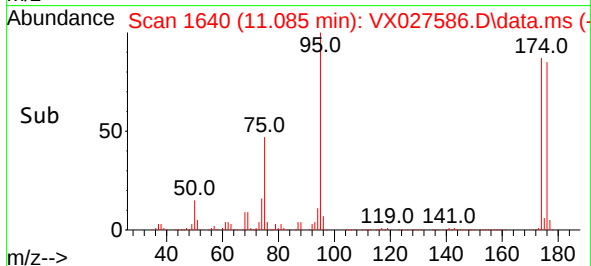
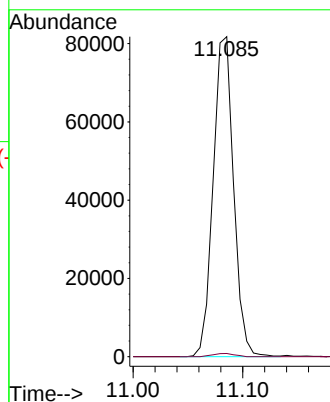
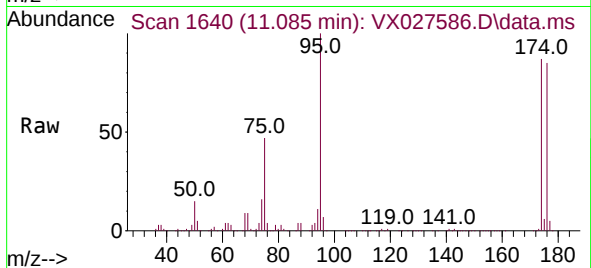




#76
1,2,3-Trichloropropane
Concen: 22.474 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 106064
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.253 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027586.D
Acq: 21 Mar 2022 15:14

Tgt Ion: 75 Resp: 106064
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

