

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032843.D
 Acq On : 16 Nov 2022 04:15
 Operator : JC/MD
 Sample : N5640-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB111422

Quant Time: Nov 16 05:11:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70624	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74148	50.984	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.960%
35) Dibromofluoromethane	5.385	113	58035	46.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.280%
50) Toluene-d8	8.647	98	213926	49.445	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.880%
62) 4-Bromofluorobenzene	11.079	95	80986	47.919	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.840%

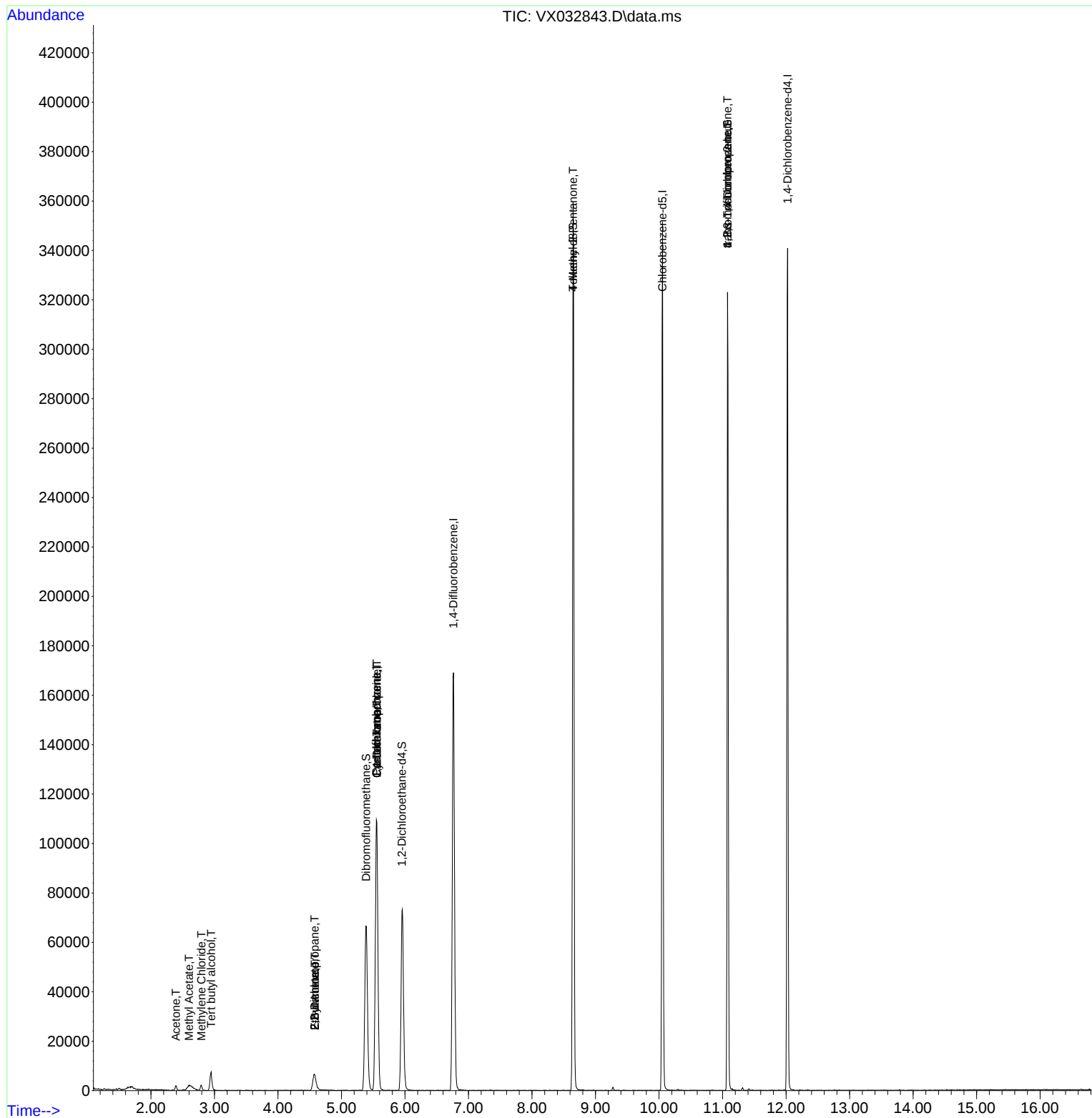
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	4302	20.323	ug/l #	72
16) Acetone	2.392	43	2295	4.342	ug/l	96
18) Methyl Acetate	2.599	43	857	0.499	ug/l #	51
20) Methylene Chloride	2.794	84	1075	0.887	ug/l	89
25) 2-Butanone	4.580	43	370	0.452	ug/l #	47
26) 2,2-Dichloropropane	4.574	77	578	0.349	ug/l #	53
31) Cyclohexane	5.556	56	2233	1.266	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	7999	4.617	ug/l #	49
37) Ethyl Acetate	4.580	43	370	0.205	ug/l #	47
38) Carbon Tetrachloride	5.556	117	10987	5.717	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1008	0.578	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43858	27.913	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43858	88.821	ug/l #	6

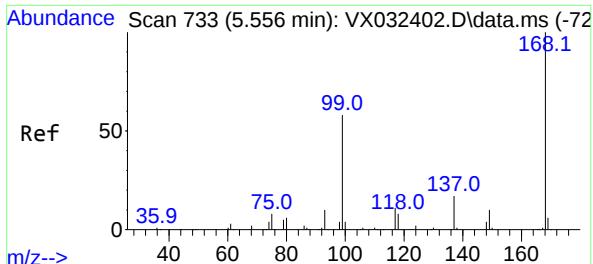
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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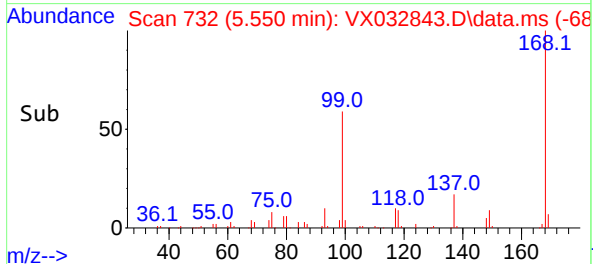
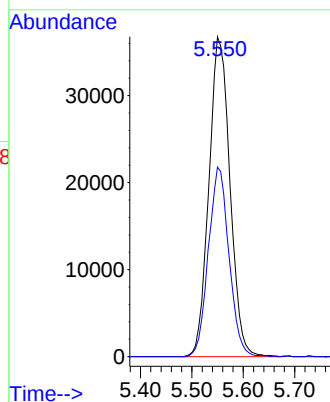
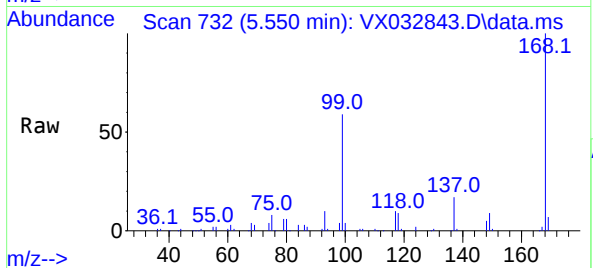




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

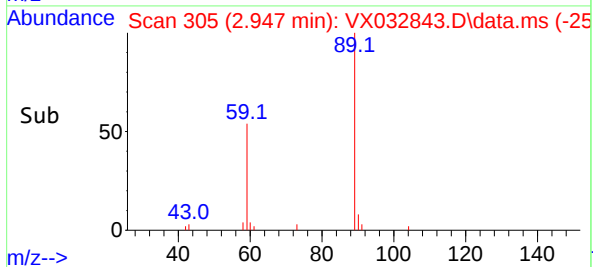
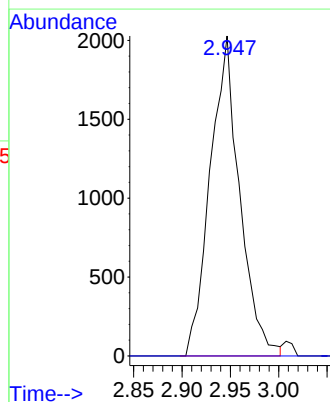
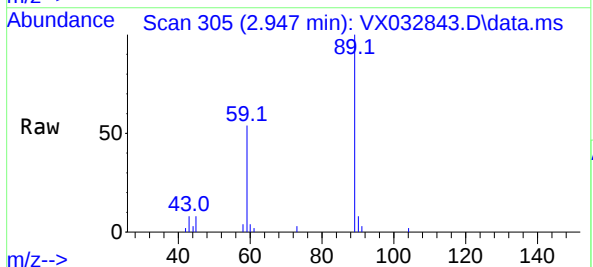
Instrument :
MSVOA_X
ClientSampleId :
FB111422

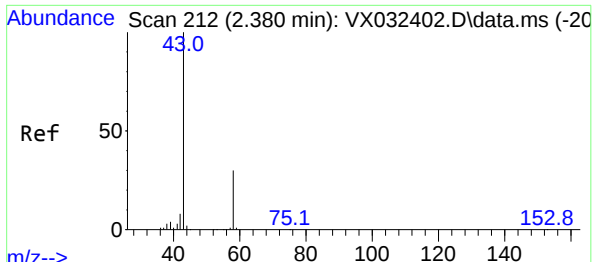
Tgt Ion:168 Resp: 104669
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 20.323 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

Tgt Ion: 59 Resp: 4302
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

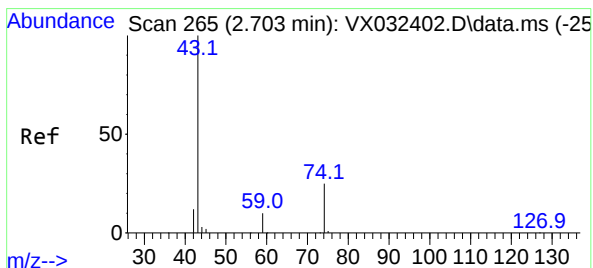
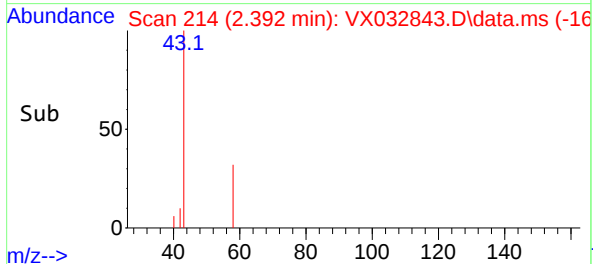
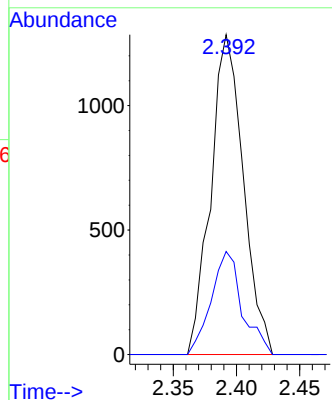
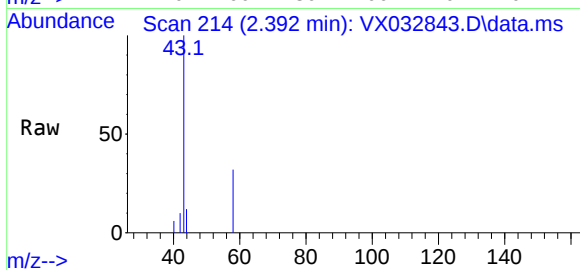




#16
Acetone
Concen: 4.342 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

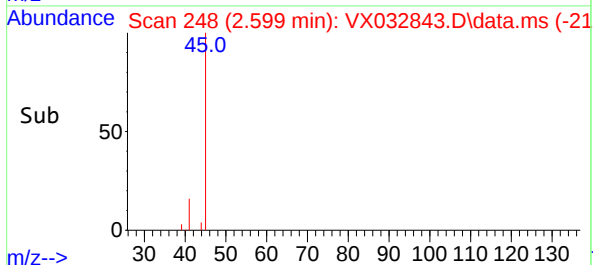
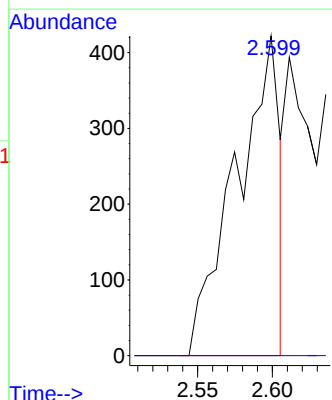
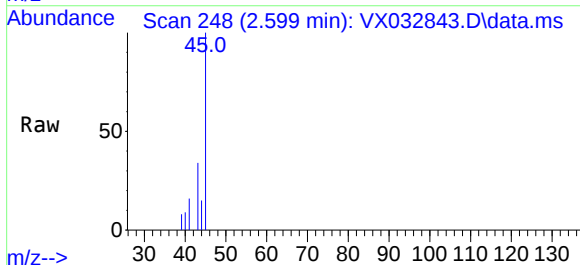
Instrument :
MSVOA_X
ClientSampleId :
FB111422

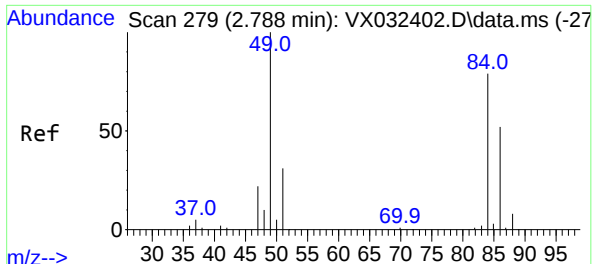
Tgt Ion: 43 Resp: 2295
Ion Ratio Lower Upper
43 100
58 32.2 23.8 35.8



#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 2.599 min Scan# 248
Delta R.T. -0.104 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#





#20

Methylene Chloride

Concen: 0.887 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032843.D

Acq: 16 Nov 2022 04:15

Instrument :

MSVOA_X

ClientSampleId :

FB111422

Tgt Ion: 84 Resp: 1075

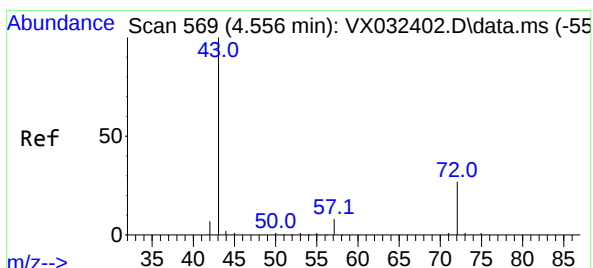
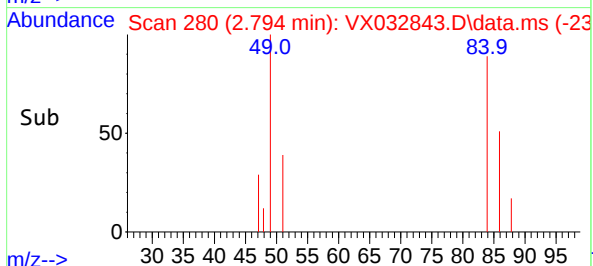
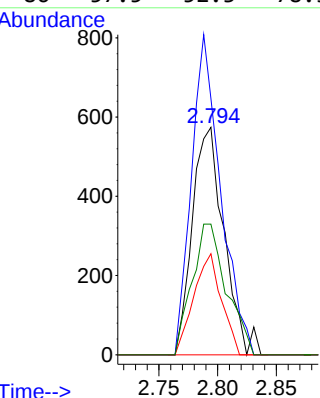
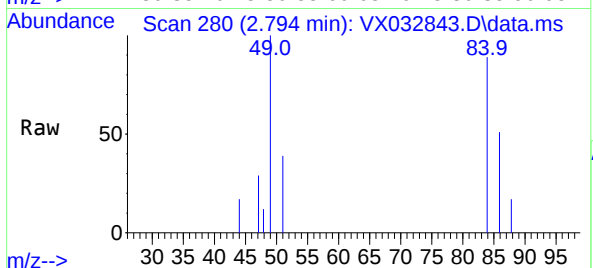
Ion Ratio Lower Upper

84 100

49 112.7 101.0 151.6

51 44.4 31.1 46.7

86 57.5 52.3 78.5



#25

2-Butanone

Concen: 0.452 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX032843.D

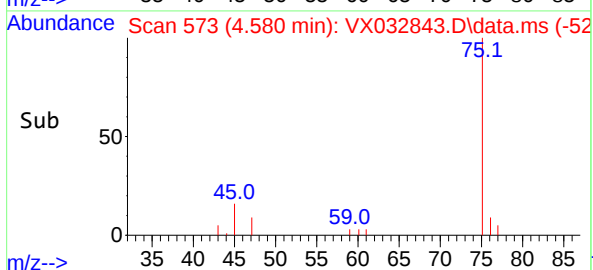
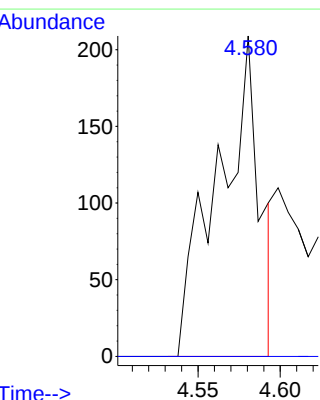
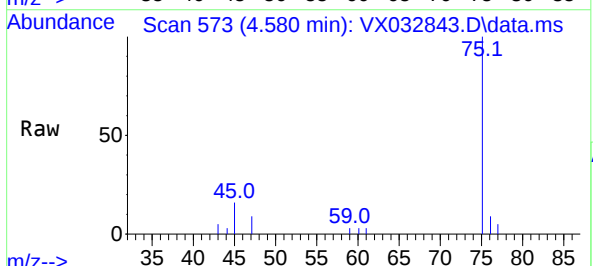
Acq: 16 Nov 2022 04:15

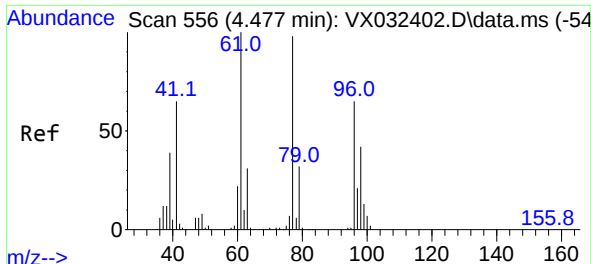
Tgt Ion: 43 Resp: 370

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#





#26

2,2-Dichloropropane

Concen: 0.349 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.098 min

Lab File: VX032843.D

Acq: 16 Nov 2022 04:15

Instrument :

MSVOA_X

ClientSampleId :

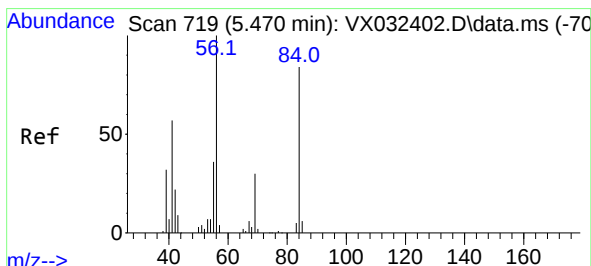
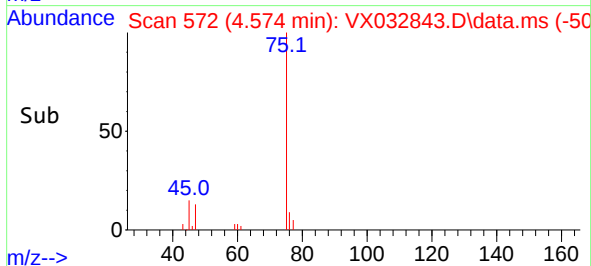
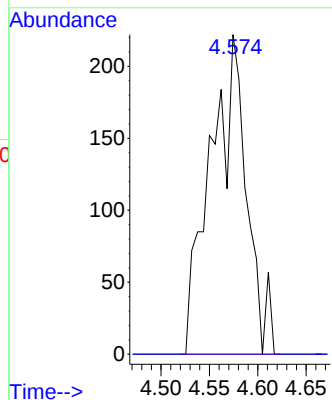
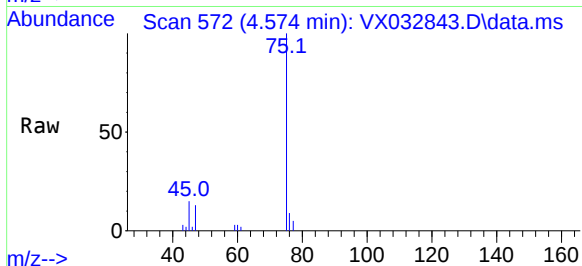
FB111422

Tgt Ion: 77 Resp: 578

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#31

Cyclohexane

Concen: 1.266 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX032843.D

Acq: 16 Nov 2022 04:15

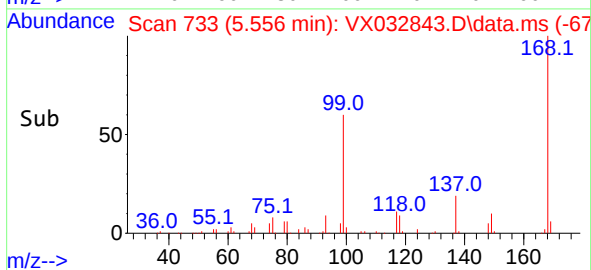
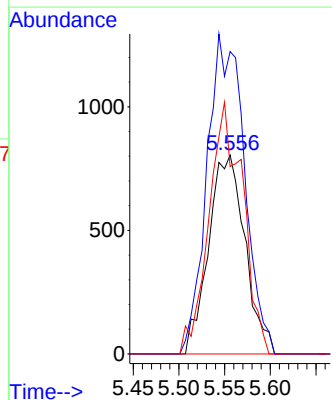
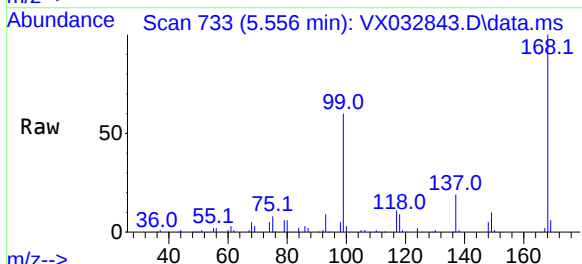
Tgt Ion: 56 Resp: 2233

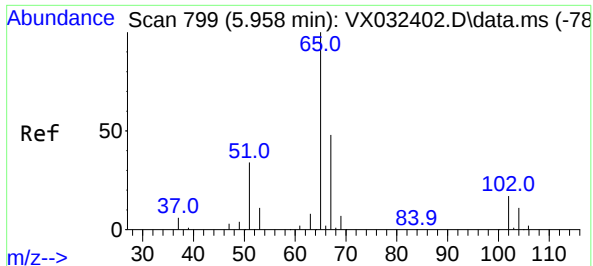
Ion Ratio Lower Upper

56 100

69 152.0 24.1 36.1#

84 94.3 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 50.984 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032843.D

Acq: 16 Nov 2022 04:15

Instrument :

MSVOA_X

ClientSampleId :

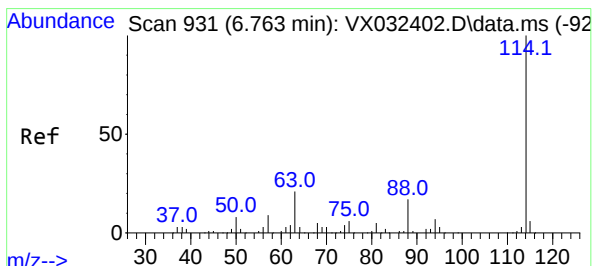
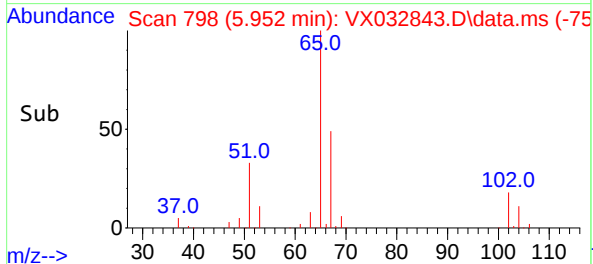
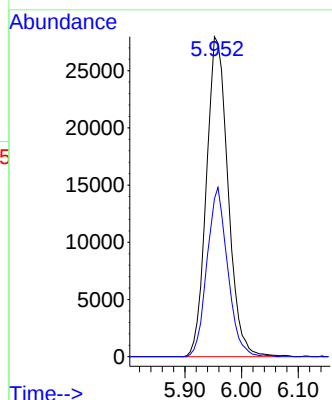
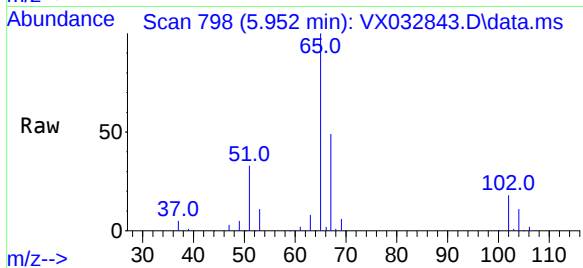
FB111422

Tgt Ion: 65 Resp: 74148

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032843.D

Acq: 16 Nov 2022 04:15

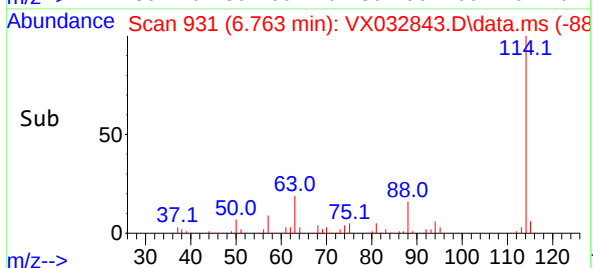
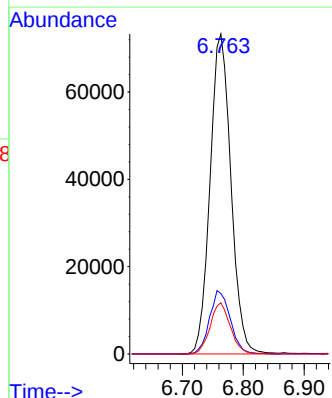
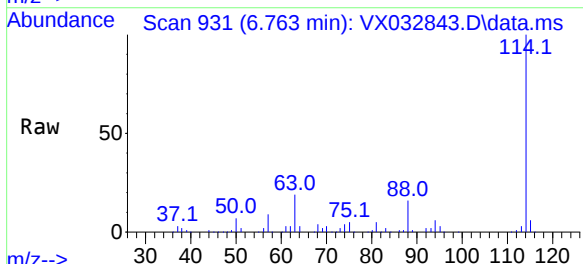
Tgt Ion: 114 Resp: 174434

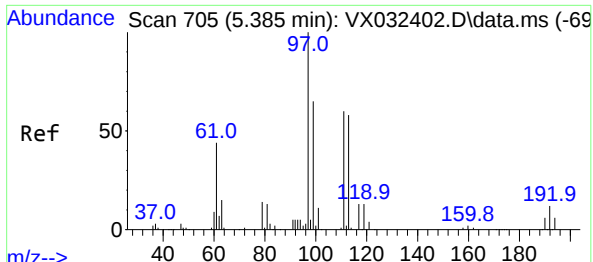
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 16.0 0.0 33.4

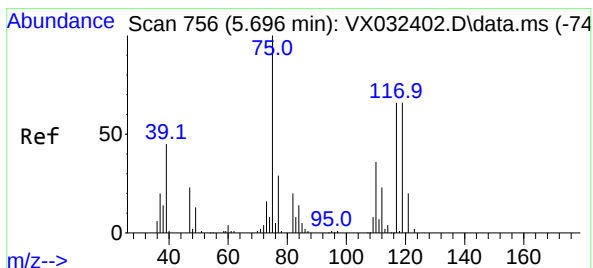
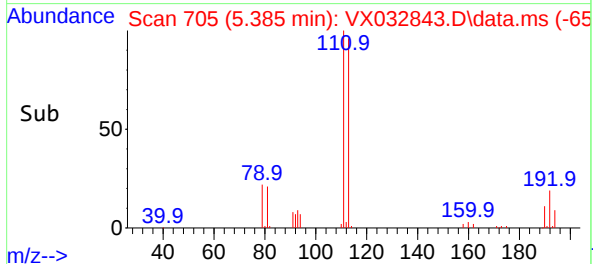
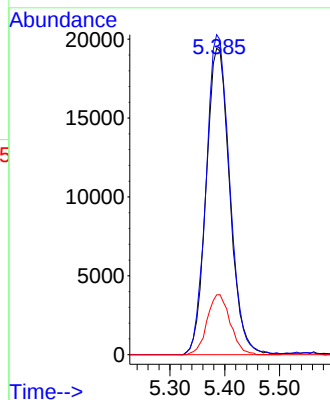
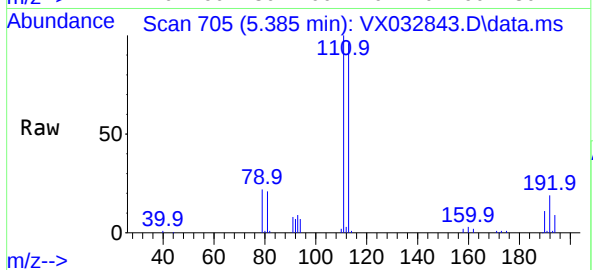




#35
Dibromofluoromethane
Concen: 46.642 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

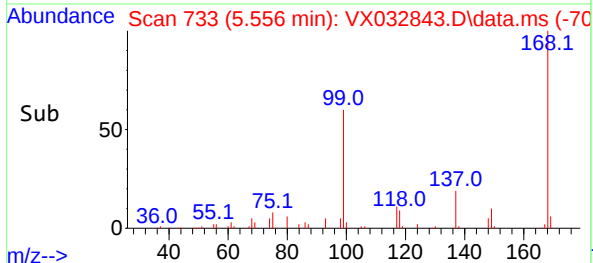
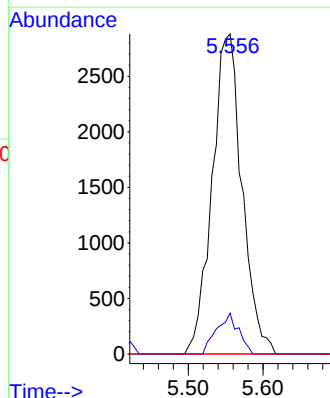
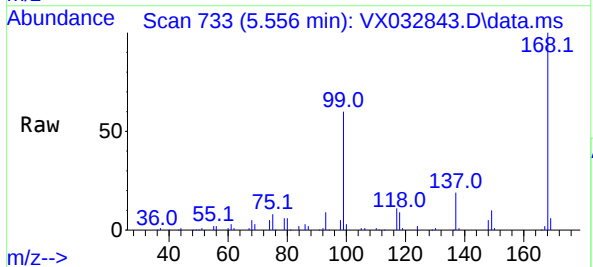
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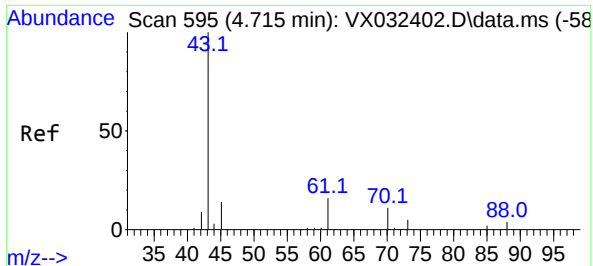
Tgt Ion:113 Resp: 58035
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

Tgt Ion: 75 Resp: 7999
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 0.205 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX032843.D

Acq: 16 Nov 2022 04:15

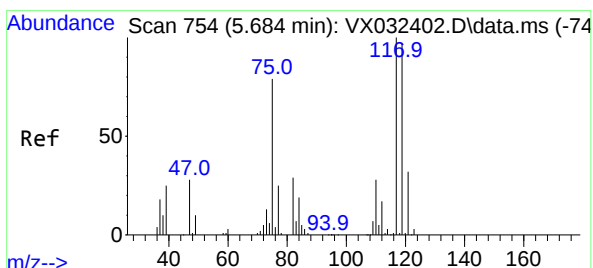
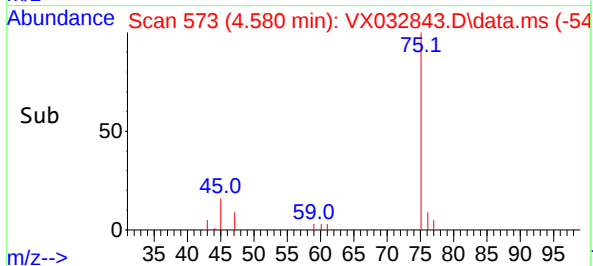
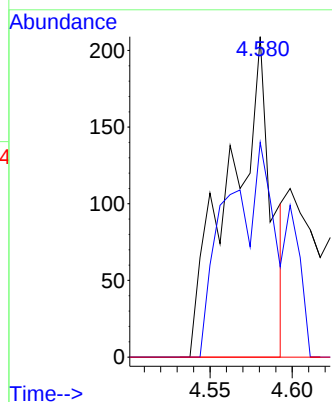
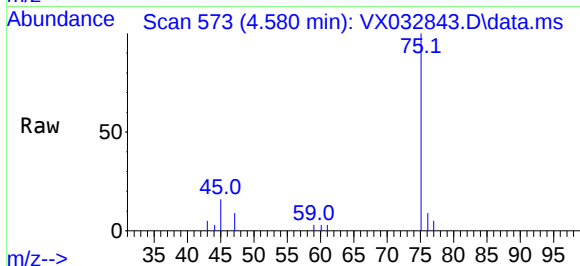
Instrument :

MSVOA_X

ClientSampleId :

FB111422

Tgt Ion: 43	Resp: 370
Ion Ratio	Lower Upper
43 100	
61 44.1	11.5 17.3#
70 0.0	9.1 13.7#



#38

Carbon Tetrachloride

Concen: 5.717 ug/l

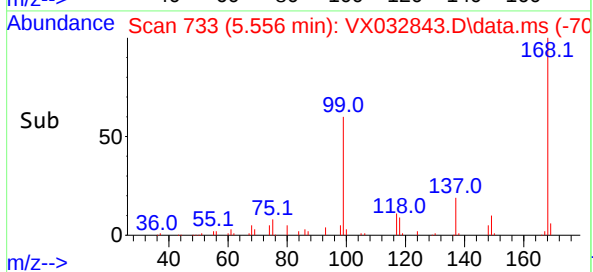
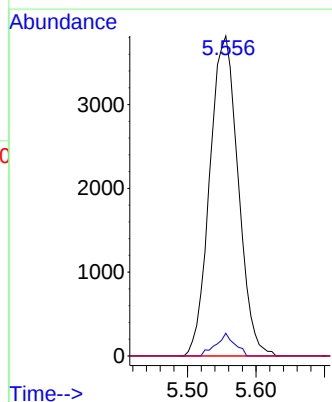
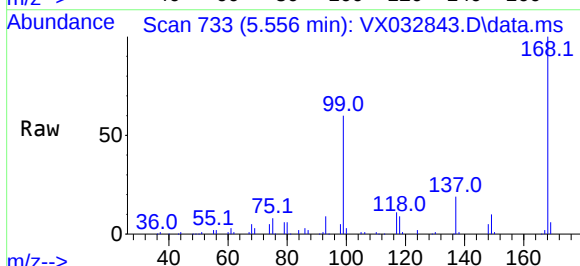
RT: 5.556 min Scan# 733

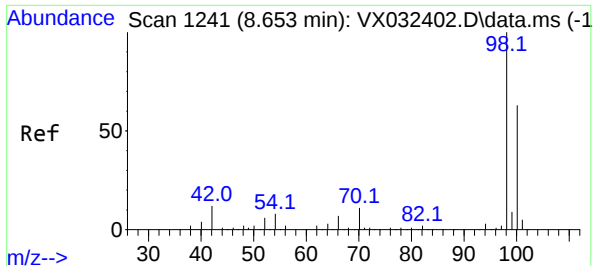
Delta R.T. -0.128 min

Lab File: VX032843.D

Acq: 16 Nov 2022 04:15

Tgt Ion: 117	Resp: 10987
Ion Ratio	Lower Upper
117 100	
119 7.1	77.2 115.8#
121 0.0	25.8 38.6#





#50

Toluene-d8

Concen: 49.445 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032843.D

Acq: 16 Nov 2022 04:15

Instrument :

MSVOA_X

ClientSampleId :

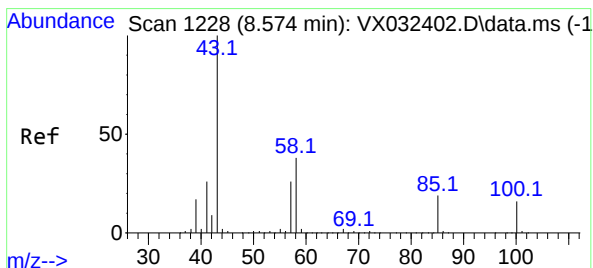
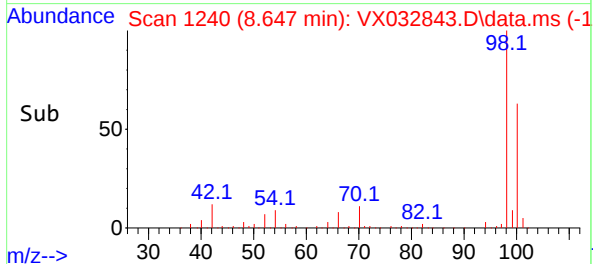
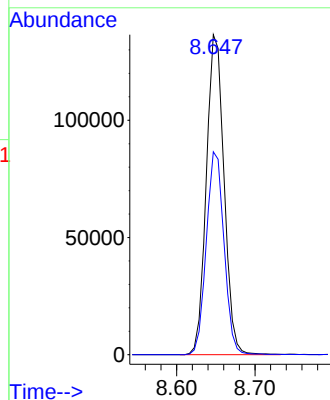
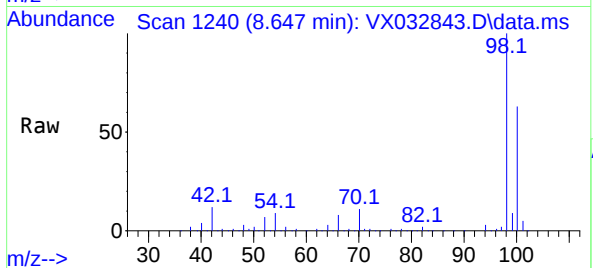
FB111422

Tgt Ion: 98 Resp: 213926

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.578 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032843.D

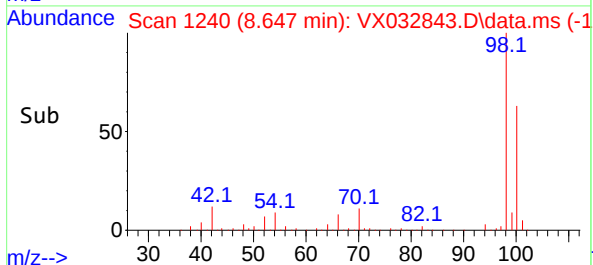
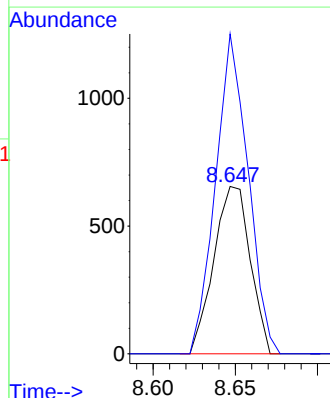
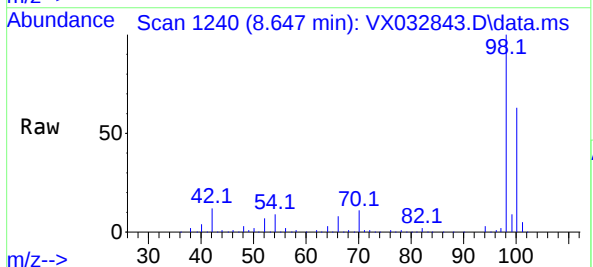
Acq: 16 Nov 2022 04:15

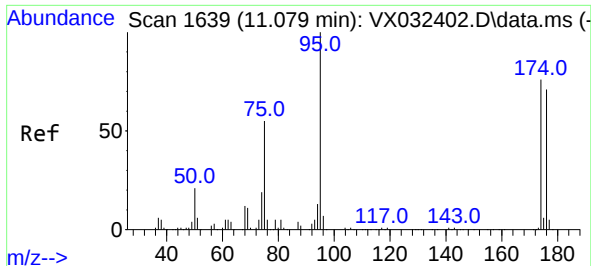
Tgt Ion: 43 Resp: 1008

Ion Ratio Lower Upper

43 100

58 170.8 30.9 46.3#

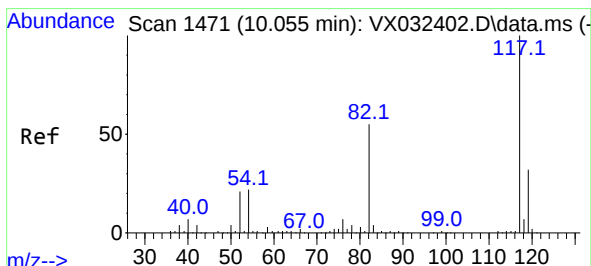
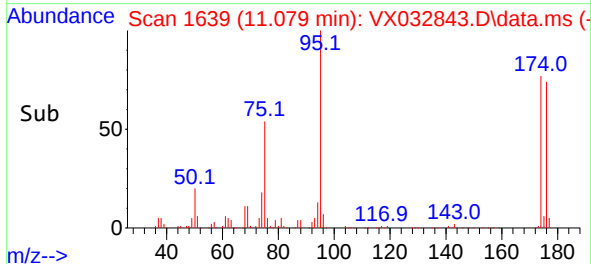
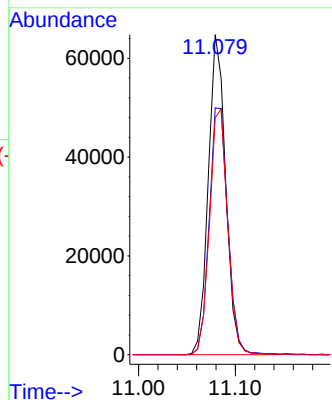
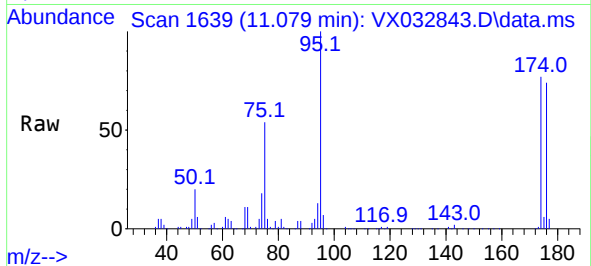




#62
4-Bromofluorobenzene
Concen: 47.919 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

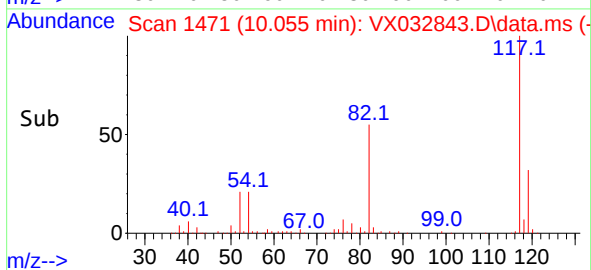
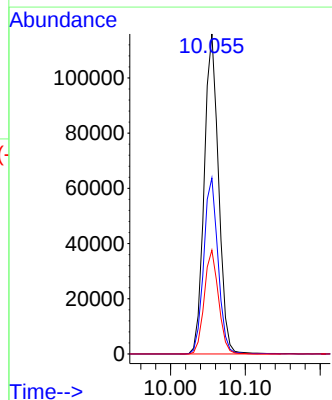
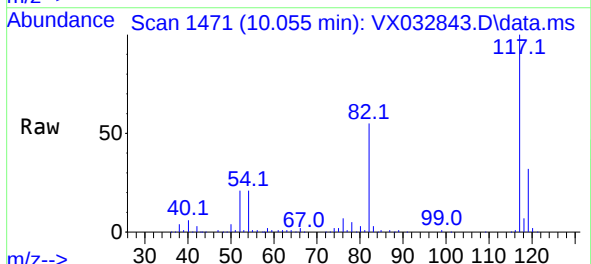
Instrument :
MSVOA_X
ClientSampleId :
FB111422

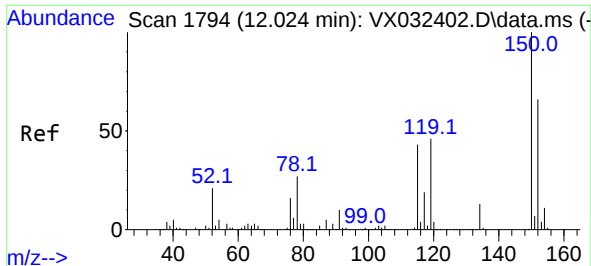
Tgt Ion: 95 Resp: 80986
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 80.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

Tgt Ion: 117 Resp: 154583
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.4 25.7 38.5

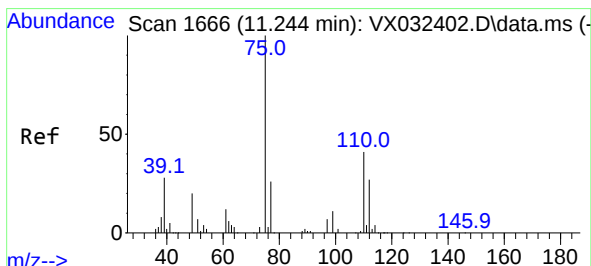
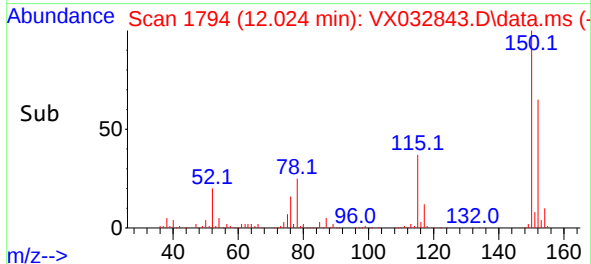
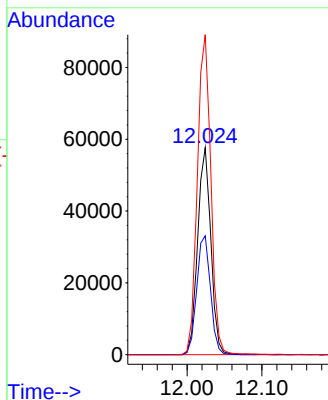
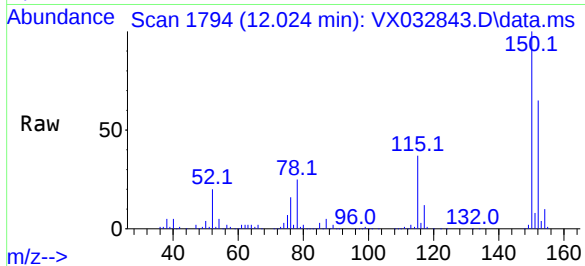




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

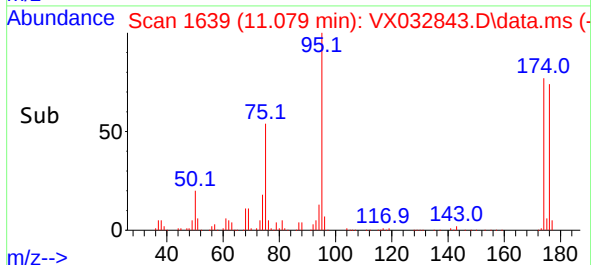
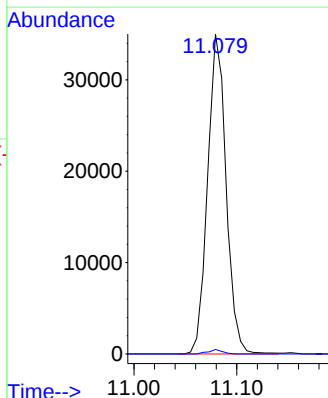
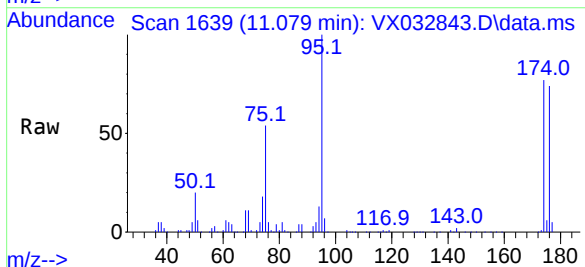
Instrument :
MSVOA_X
ClientSampleId :
FB111422

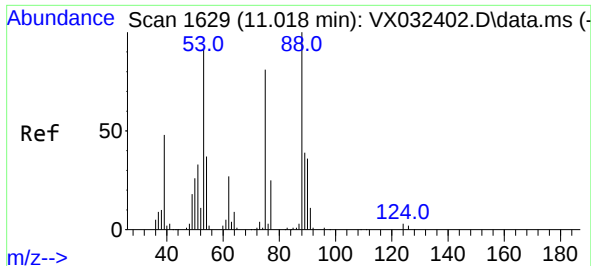
Tgt Ion:152 Resp: 70624
Ion Ratio Lower Upper
152 100
115 59.7 44.0 132.0
150 158.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

Tgt Ion: 75 Resp: 43858
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.821 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032843.D
Acq: 16 Nov 2022 04:15

Instrument :
MSVOA_X
ClientSampleId :
FB111422

Tgt Ion: 75 Resp: 43858
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

