

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032884.D
 Acq On : 16 Nov 2022 21:25
 Operator : JC/MD
 Sample : N5650-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 05:45:28 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)

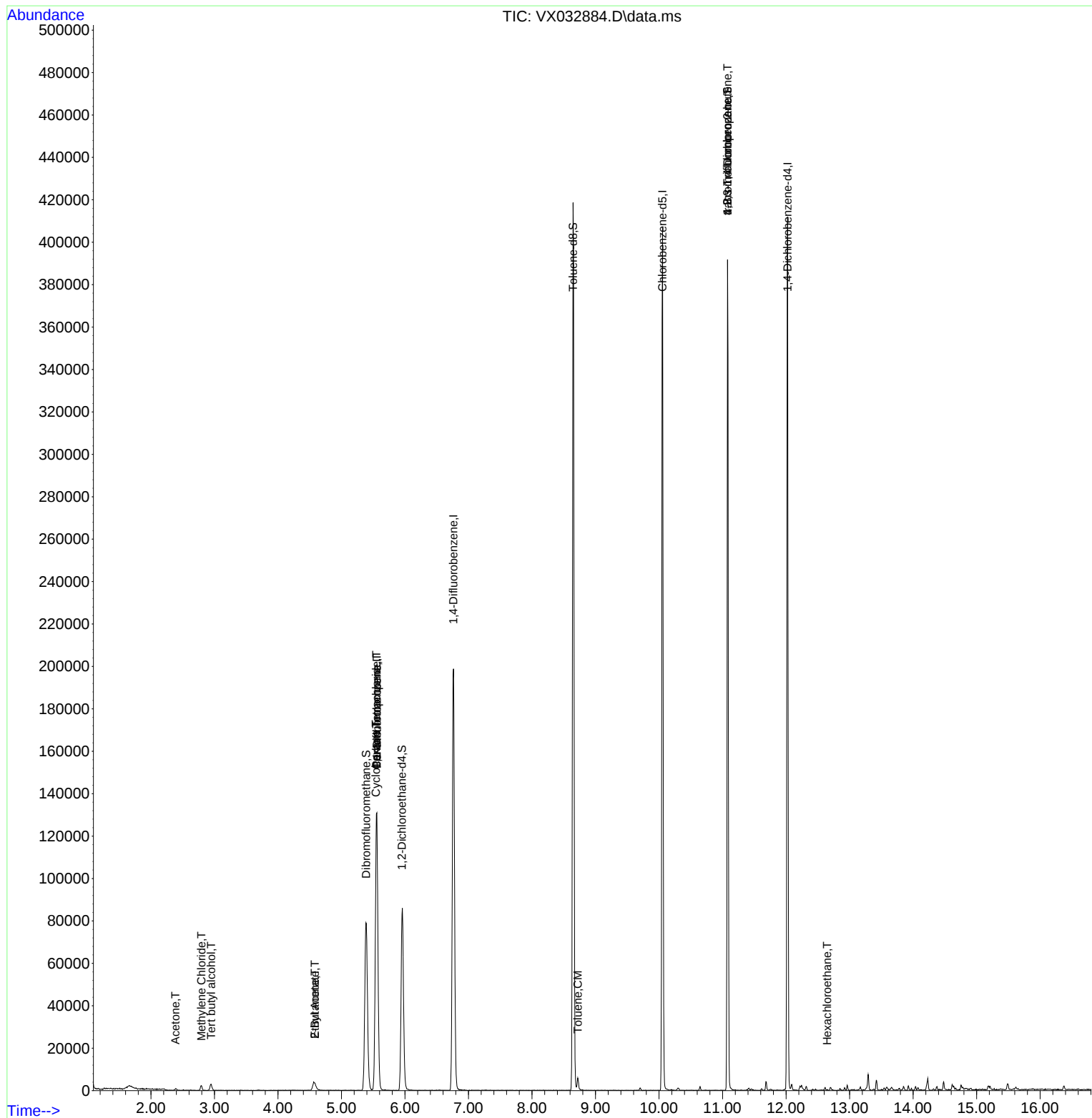
Internal Standards						
1) Pentafluorobenzene	5.556	168	124801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87129	50.245	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.500%
35) Dibromofluoromethane	5.385	113	69636	47.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.647	98	252761	49.481	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.960%
62) 4-Bromofluorobenzene	11.079	95	98583	49.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1899	7.524	ug/l #	72
16) Acetone	2.386	43	1130	1.793	ug/l	98
20) Methylene Chloride	2.794	84	1070	0.740	ug/l #	83
25) 2-Butanone	4.580	43	508	0.520	ug/l #	47
31) Cyclohexane	5.544	56	2650	1.260	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	9496	4.642	ug/l #	50
37) Ethyl Acetate	4.580	43	508	0.239	ug/l #	67
38) Carbon Tetrachloride	5.550	117	12644	5.572	ug/l #	16
52) Toluene	8.720	92	2198	0.582	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	52772	27.310	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	52772	86.902	ug/l #	6
90) Hexachloroethane	12.646	117	221	0.226	ug/l #	12

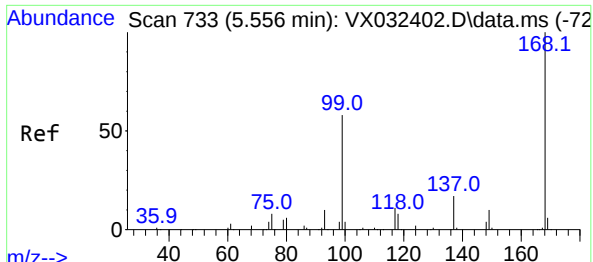
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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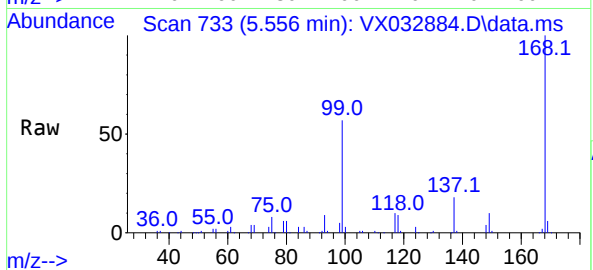
Quant Time: Nov 17 05:45:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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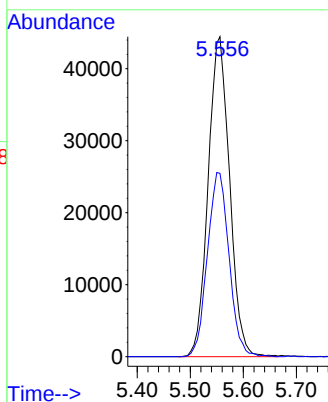
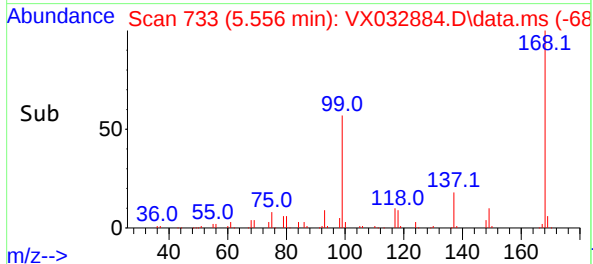


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Instrument :
MSVOA_X
ClientSampleId :

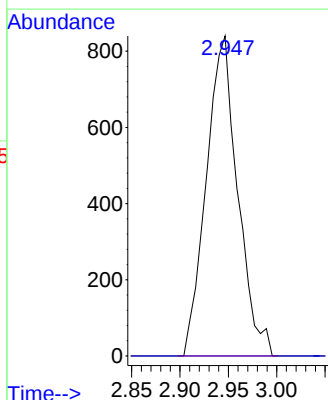
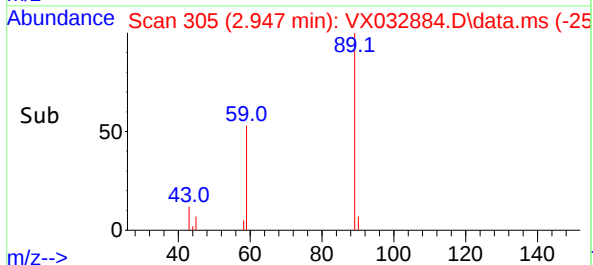
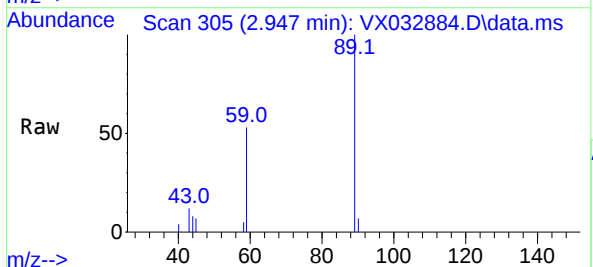


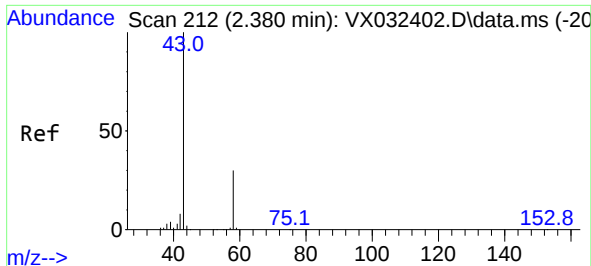
Tgt Ion:168 Resp: 124801
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 7.524 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Tgt Ion: 59 Resp: 1899
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

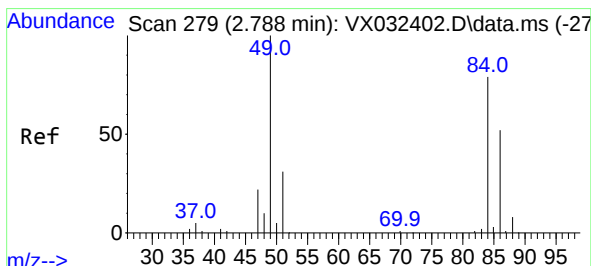
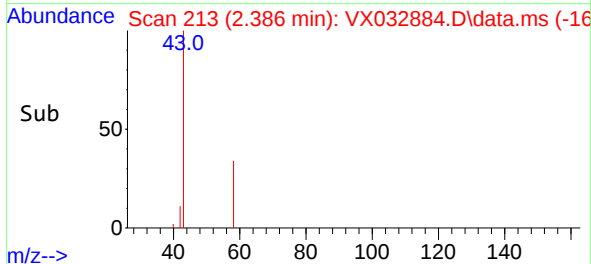
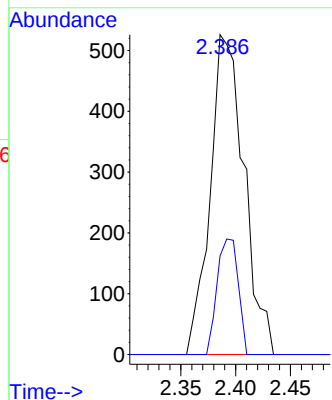
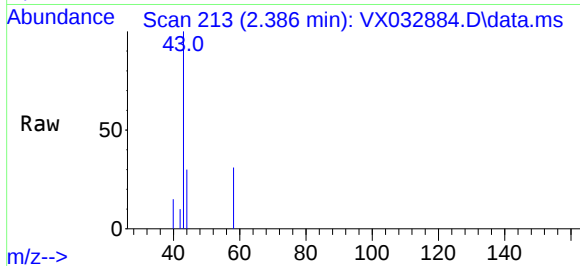




#16
Acetone
Concen: 1.793 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

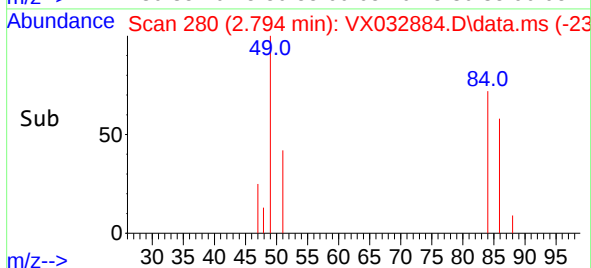
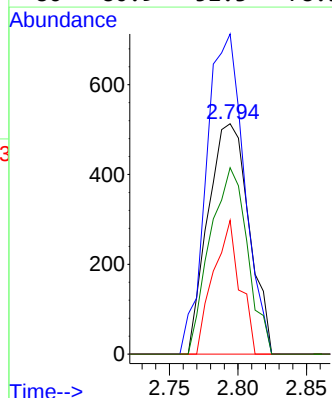
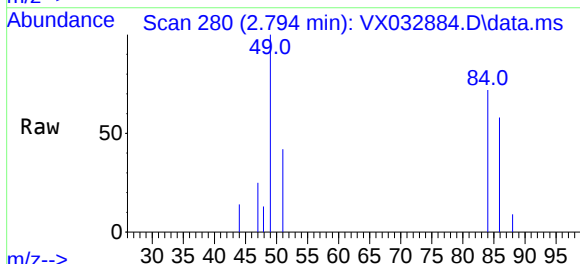
Instrument :
MSVOA_X
ClientSampleId :

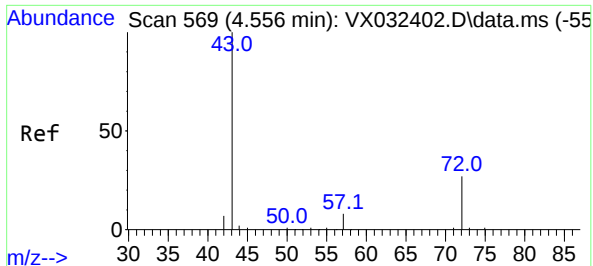
Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 30.8 23.8 35.8



#20
Methylene Chloride
Concen: 0.740 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Tgt Ion: 84 Resp: 1070
Ion Ratio Lower Upper
84 100
49 139.0 101.0 151.6
51 58.1 31.1 46.7#
86 80.9 52.3 78.5#





#25

2-Butanone

Concen: 0.520 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX032884.D

Acq: 16 Nov 2022 21:25

Instrument :

MSVOA_X

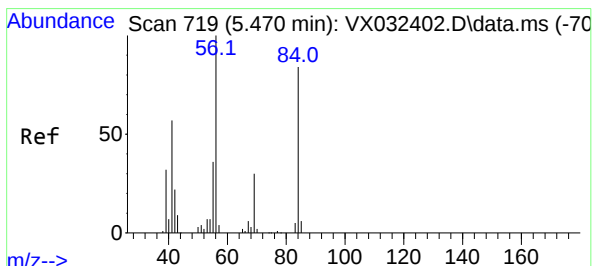
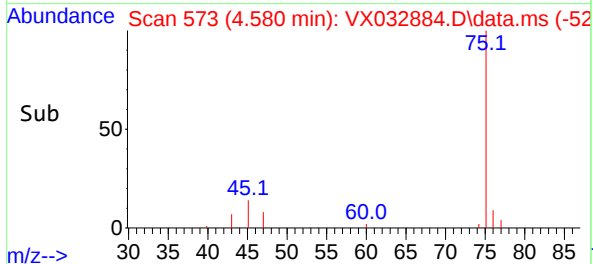
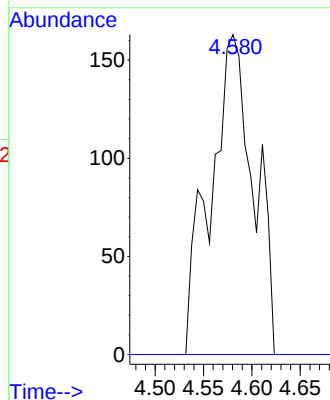
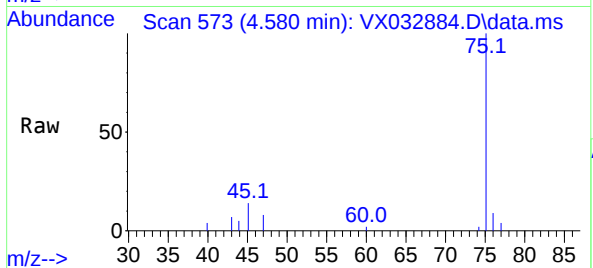
ClientSampleId :

Tgt Ion: 43 Resp: 508

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.260 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX032884.D

Acq: 16 Nov 2022 21:25

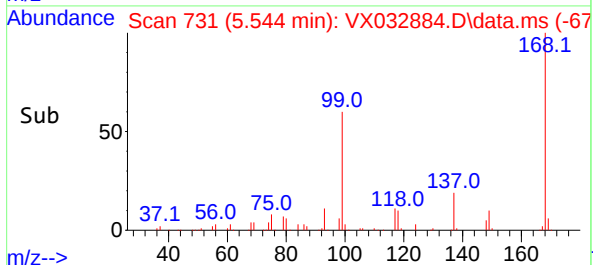
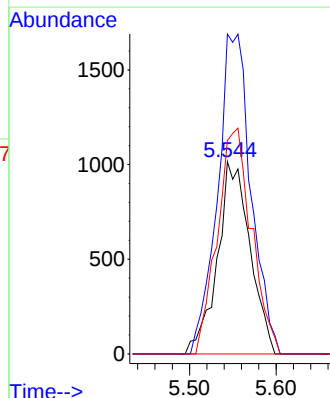
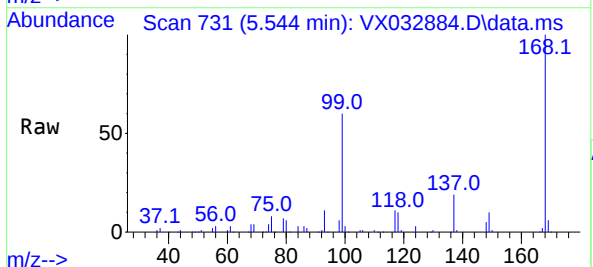
Tgt Ion: 56 Resp: 2650

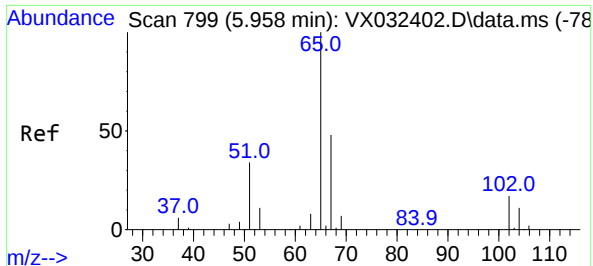
Ion Ratio Lower Upper

56 100

69 166.3 24.1 36.1#

84 110.9 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 50.245 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032884.D

Acq: 16 Nov 2022 21:25

Instrument :

MSVOA_X

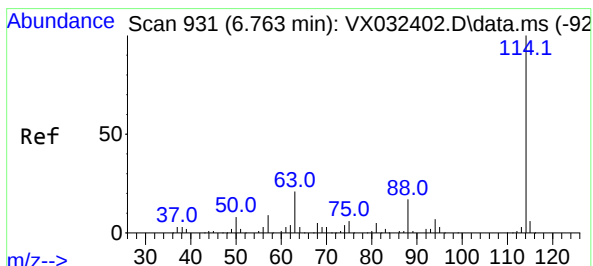
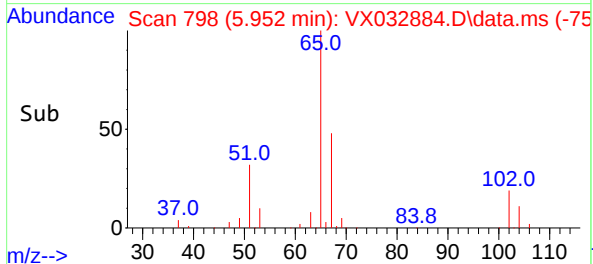
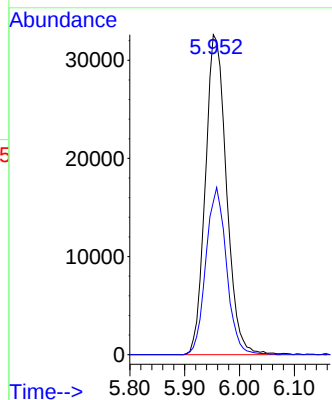
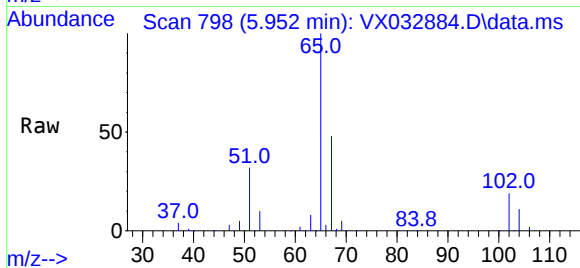
ClientSampleId :

Tgt Ion: 65 Resp: 87129

Ion Ratio Lower Upper

65 100

67 51.0 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: VX032884.D

Acq: 16 Nov 2022 21:25

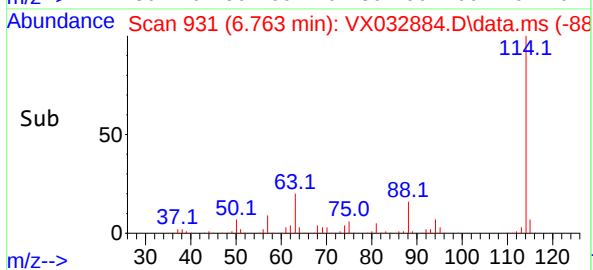
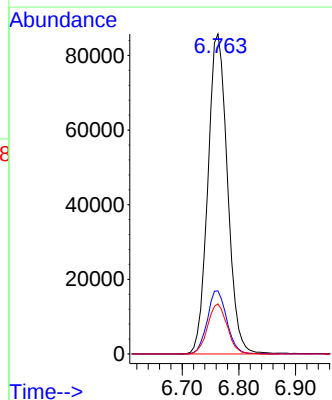
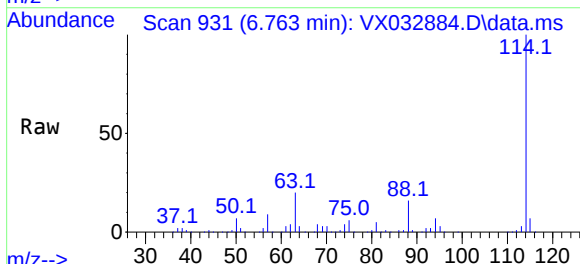
Tgt Ion: 114 Resp: 205950

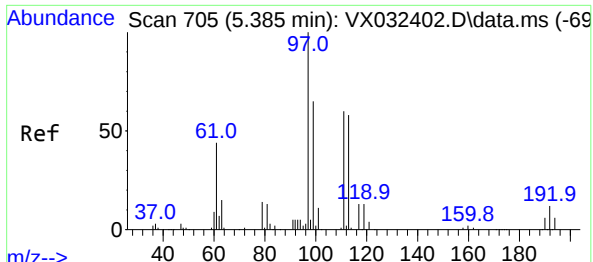
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

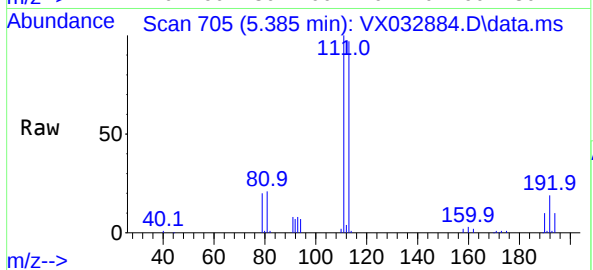
88 15.7 0.0 33.4



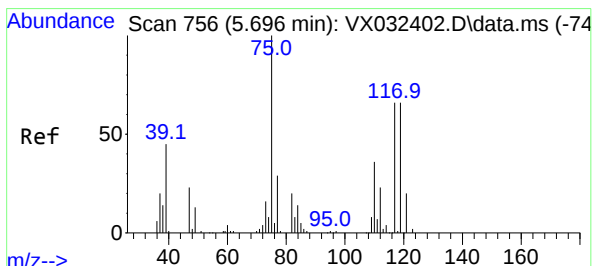
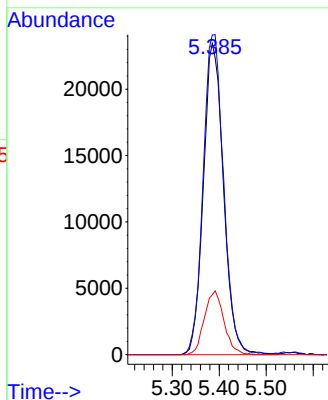
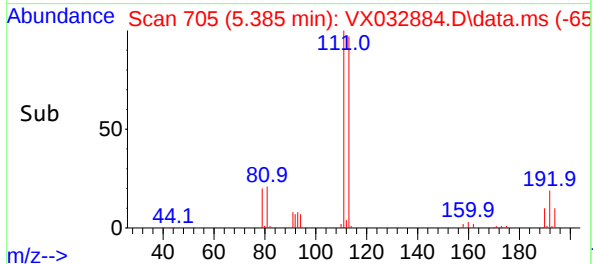


#35
Dibromofluoromethane
Concen: 47.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Instrument :
MSVOA_X
ClientSampleId :

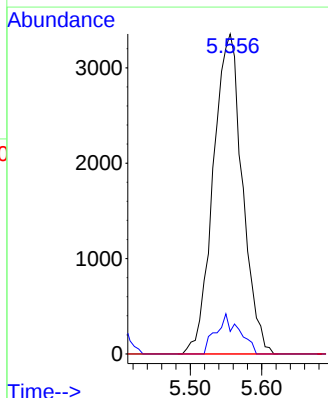
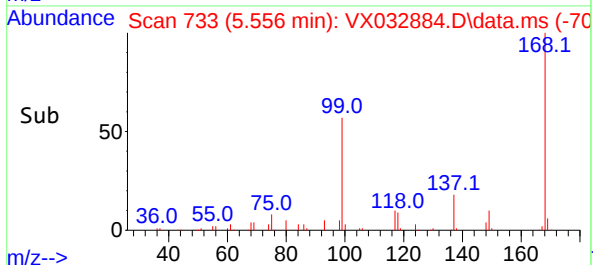
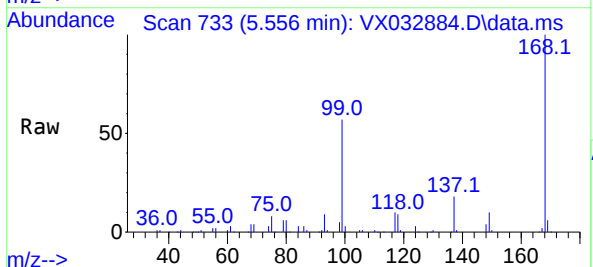


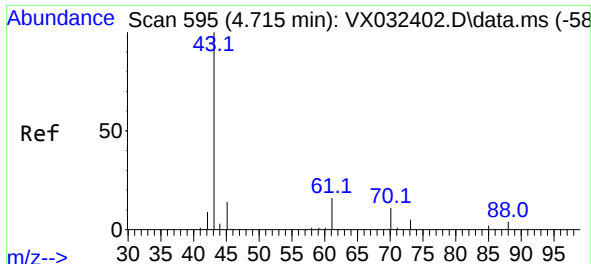
Tgt Ion:113 Resp: 69636
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 19.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Tgt Ion: 75 Resp: 9496
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 0.239 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.134 min

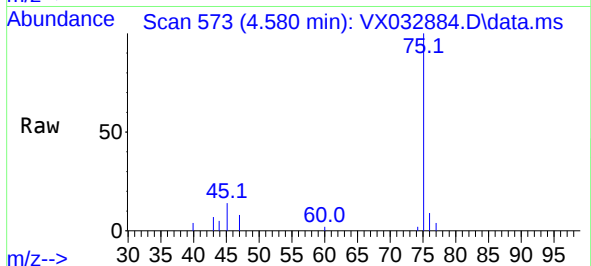
Lab File: VX032884.D

Acq: 16 Nov 2022 21:25

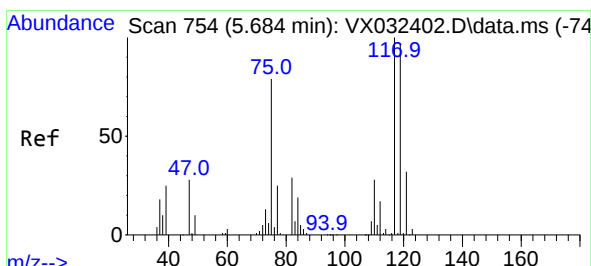
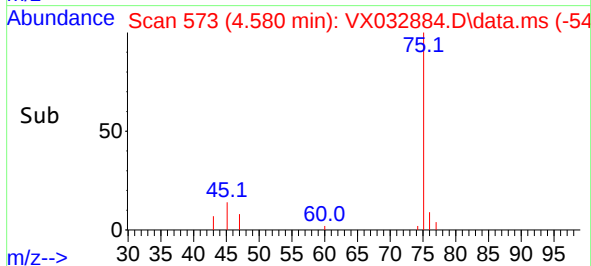
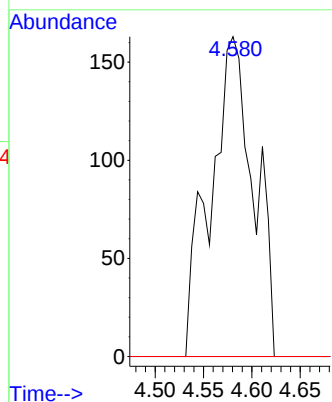
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	508
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.1	13.7#



#38

Carbon Tetrachloride

Concen: 5.572 ug/l

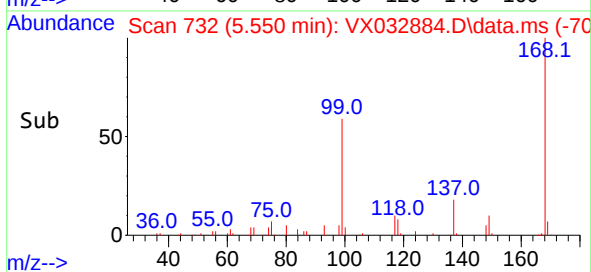
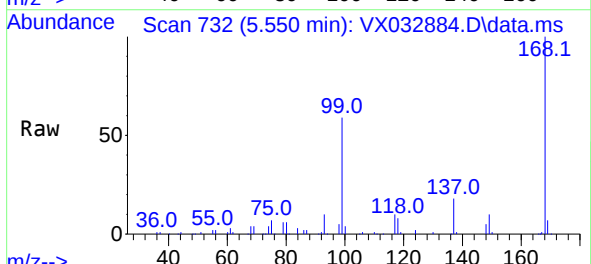
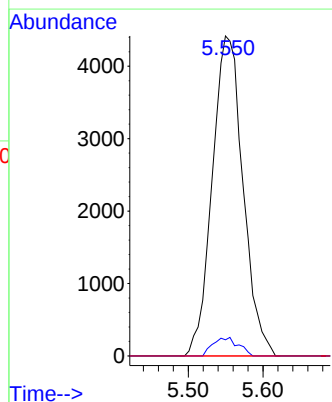
RT: 5.550 min Scan# 732

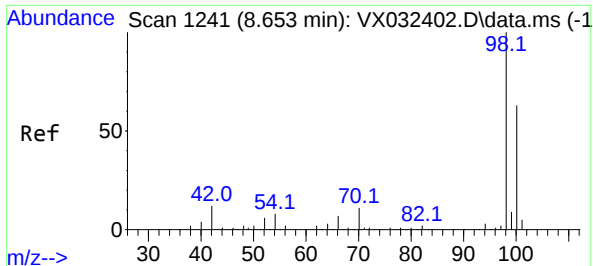
Delta R.T. -0.134 min

Lab File: VX032884.D

Acq: 16 Nov 2022 21:25

Tgt Ion:	117	Resp:	12644
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.2	115.8#
121	0.0	25.8	38.6#





#50

Toluene-d8

Concen: 49.481 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032884.D

Acq: 16 Nov 2022 21:25

Instrument :

MSVOA_X

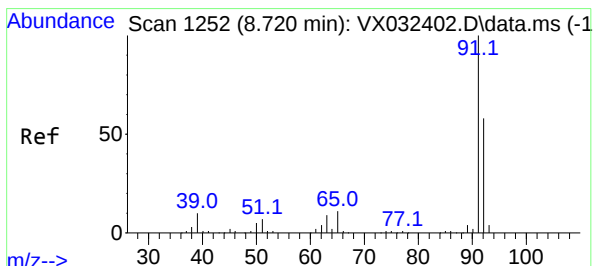
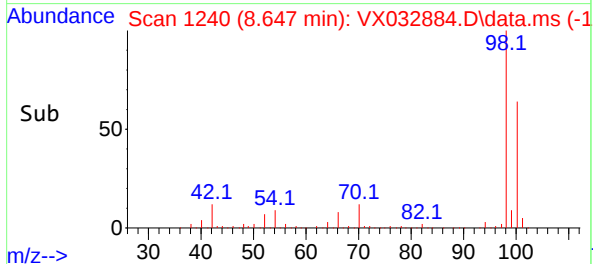
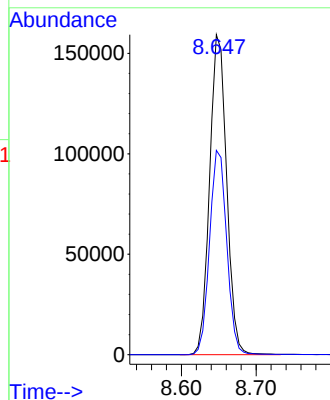
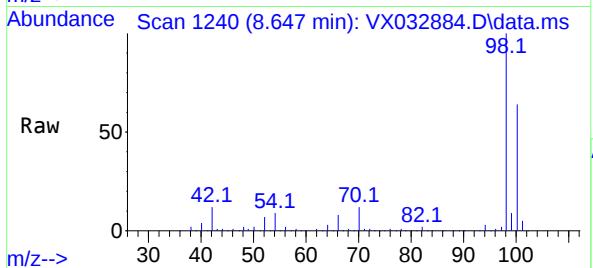
ClientSampleId :

Tgt Ion: 98 Resp: 252761

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



#52

Toluene

Concen: 0.582 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX032884.D

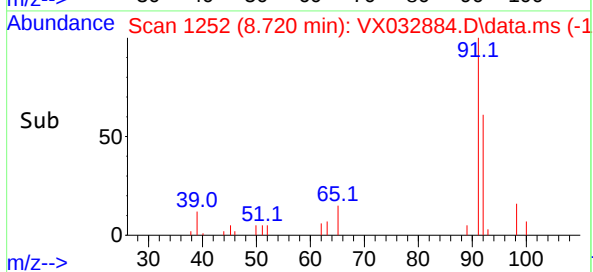
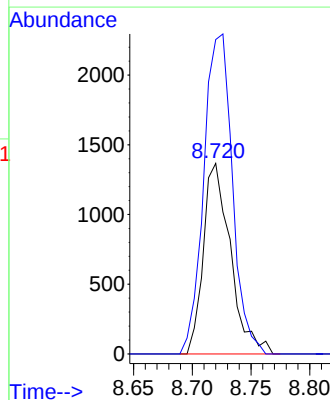
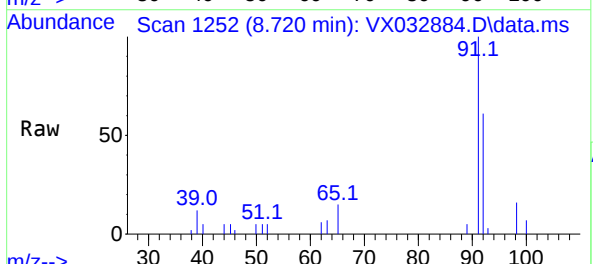
Acq: 16 Nov 2022 21:25

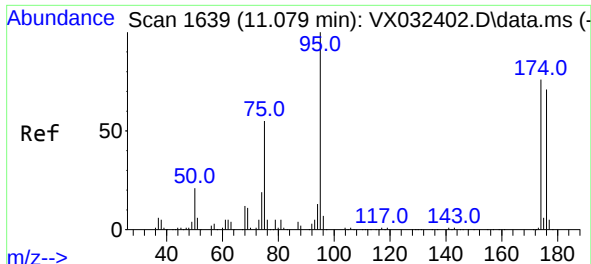
Tgt Ion: 92 Resp: 2198

Ion Ratio Lower Upper

92 100

91 177.2 138.3 207.5

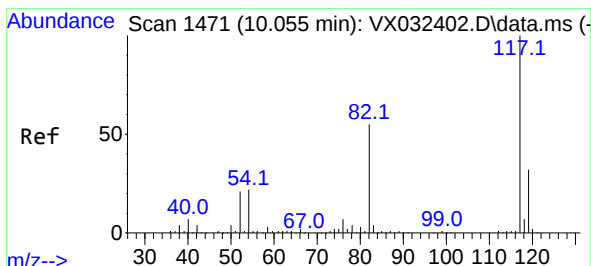
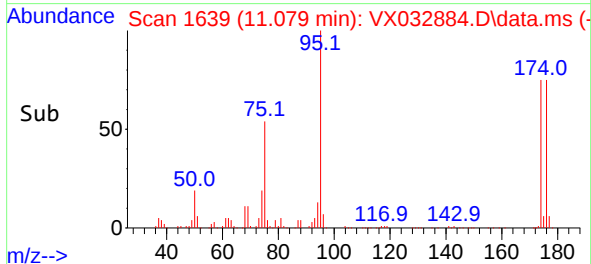
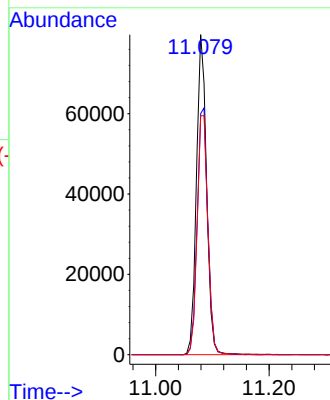
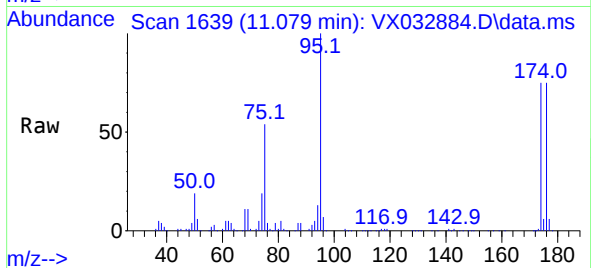




#62
4-Bromofluorobenzene
Concen: 49.405 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

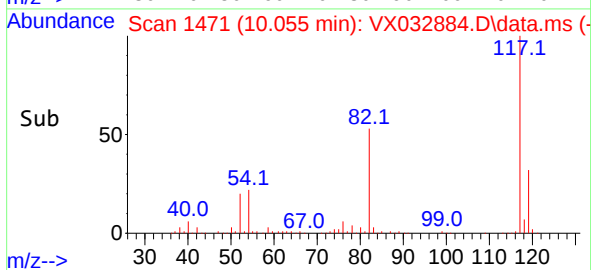
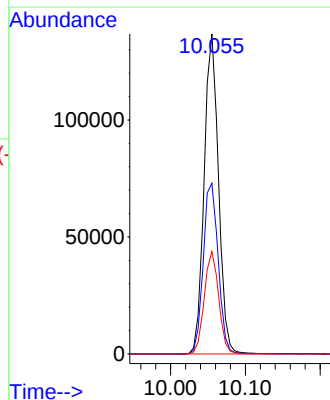
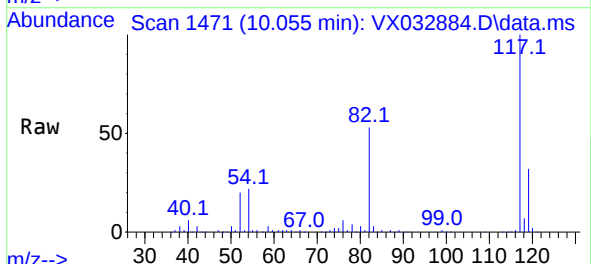
Instrument :
MSVOA_X
ClientSampleId :

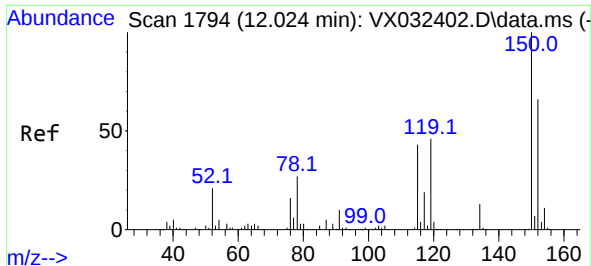
Tgt Ion: 95 Resp: 98583
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 79.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

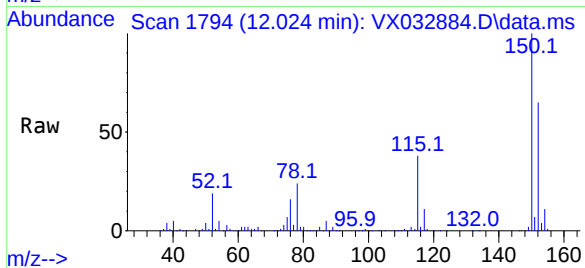
Tgt Ion: 117 Resp: 182586
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 32.0 25.7 38.5



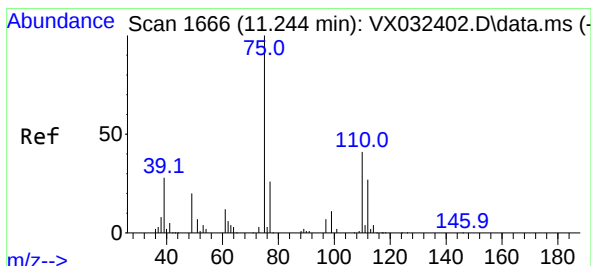
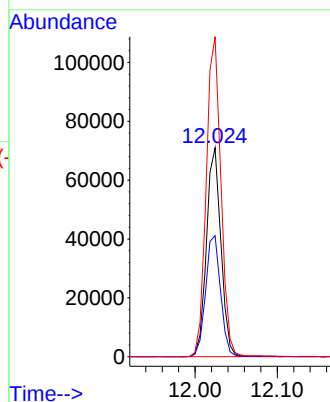
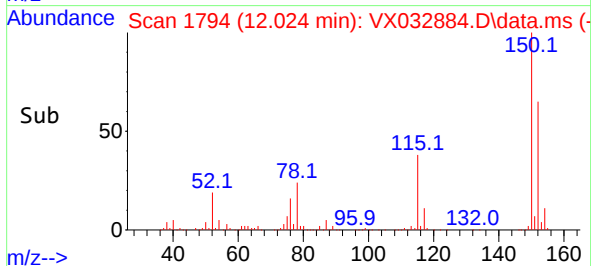


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Instrument :
MSVOA_X
ClientSampleId :

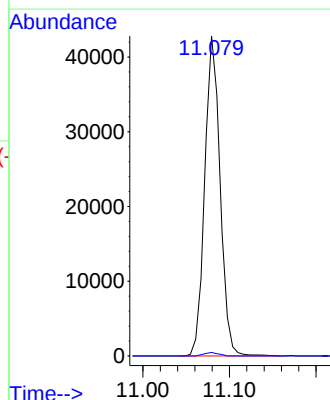
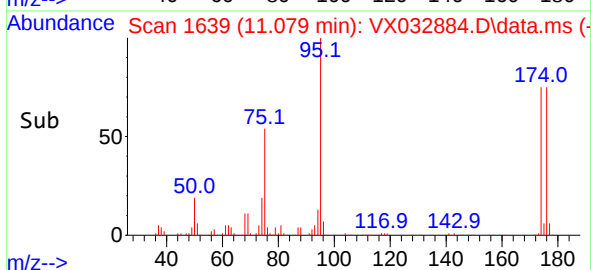
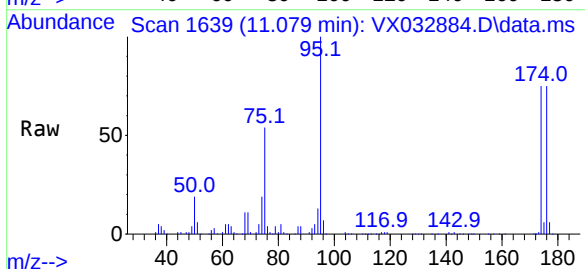


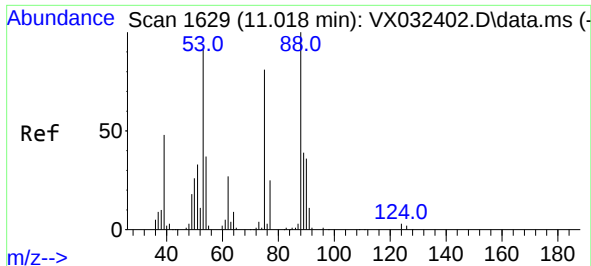
Tgt Ion:152 Resp: 86855
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 155.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.310 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

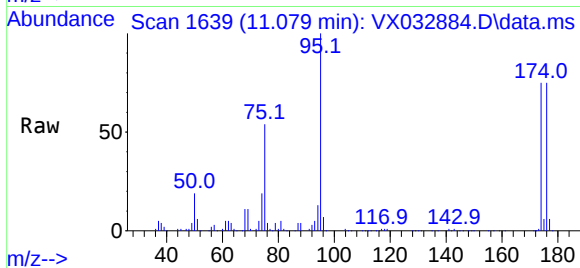
Tgt Ion: 75 Resp: 52772
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



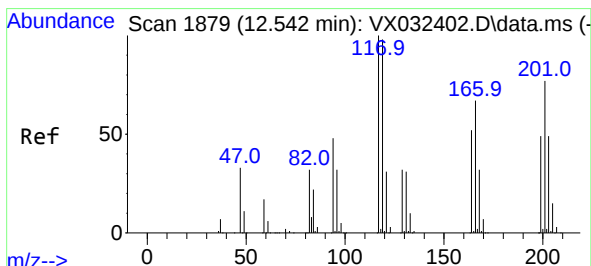
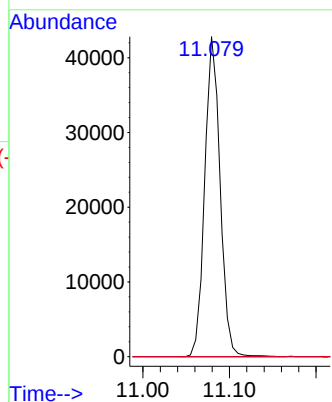
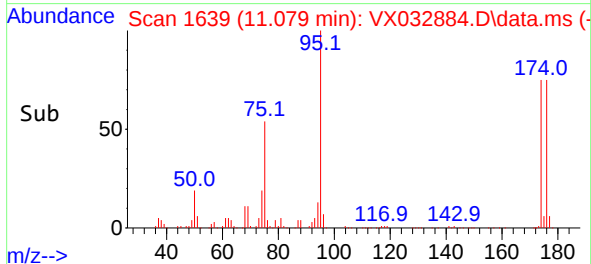


#81
trans-1,4-Dichloro-2-butene
Concen: 86.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 52772
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#90
Hexachloroethane
Concen: 0.226 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX032884.D
Acq: 16 Nov 2022 21:25

Tgt Ion: 117 Resp: 221
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

