

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032905.D
 Acq On : 17 Nov 2022 17:12
 Operator : JC/MD
 Sample : N5671-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20221115

Quant Time: Nov 18 01:41:56 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)

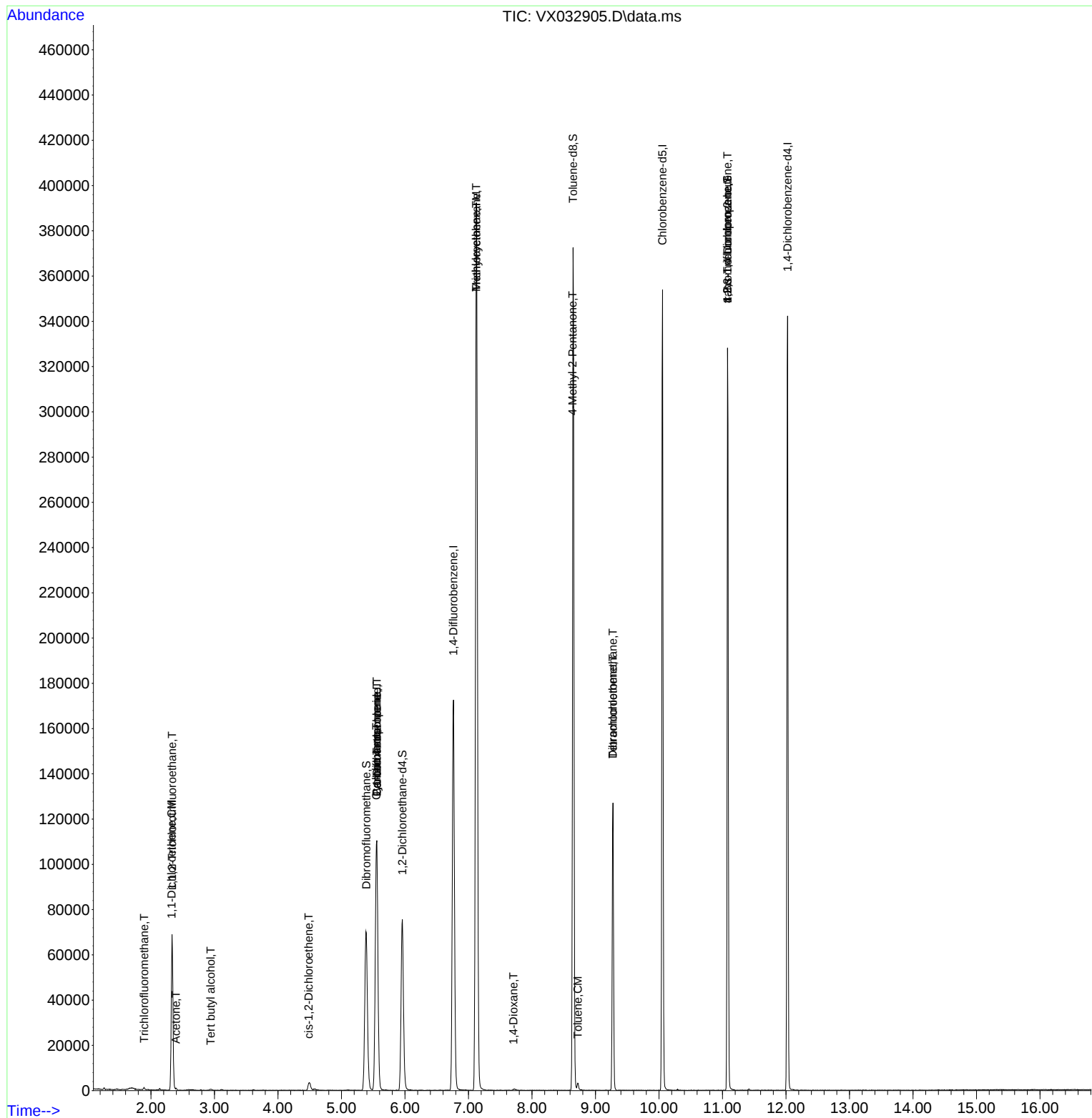
Internal Standards						
1) Pentafluorobenzene	5.556	168	106673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75608	51.011	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.020%
35) Dibromofluoromethane	5.391	113	60660	48.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.200%
50) Toluene-d8	8.647	98	221868	50.593	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.180%
62) 4-Bromofluorobenzene	11.079	95	82474	48.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.300%
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.892	101	621	0.286	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	25267	22.064	ug/l	99
11) Tert butyl alcohol	2.941	59	431	1.998	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	613	0.573	ug/l #	82
16) Acetone	2.392	43	458	0.850	ug/l #	89
27) cis-1,2-Dichloroethene	4.483	96	2350	1.746	ug/l	92
31) Cyclohexane	5.550	56	2262	1.259	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	7978	4.543	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10715	5.501	ug/l #	15
39) Methylcyclohexane	7.123	83	1655	0.796	ug/l #	1
44) Trichloroethene	7.123	130	150332	107.454	ug/l	98
49) 1,4-Dioxane	7.708	88	869	31.456	ug/l #	49
51) 4-Methyl-2-Pentanone	8.641	43	976	0.552	ug/l #	1
52) Toluene	8.720	92	1298	0.400	ug/l	96
60) Dibromochloromethane	9.275	129	22318	14.963	ug/l #	11
64) Tetrachloroethene	9.275	164	22794	19.937	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	44677	28.396	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44677	90.356	ug/l #	6

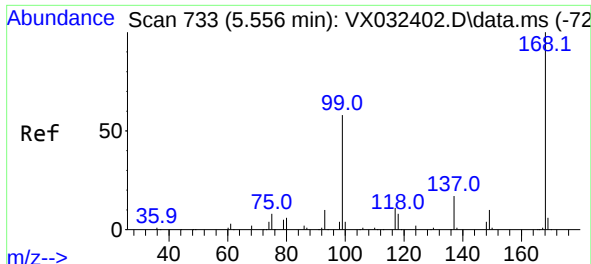
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
RE134D2-20221115

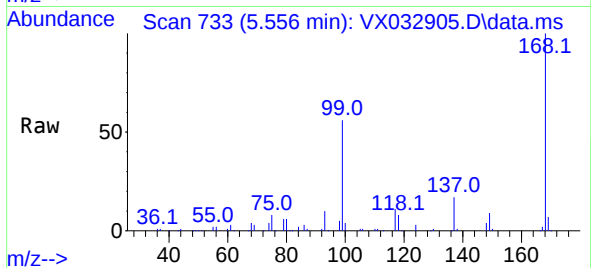
Quant Time: Nov 18 01:41:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



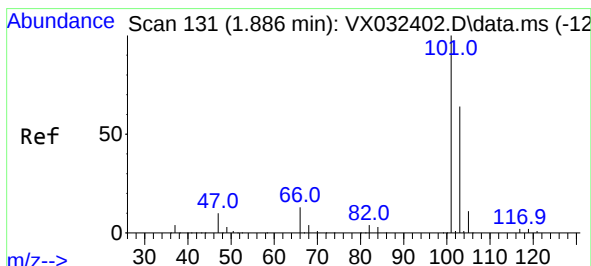
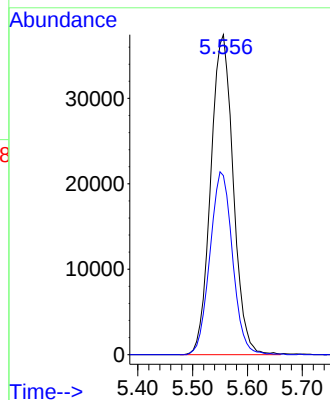
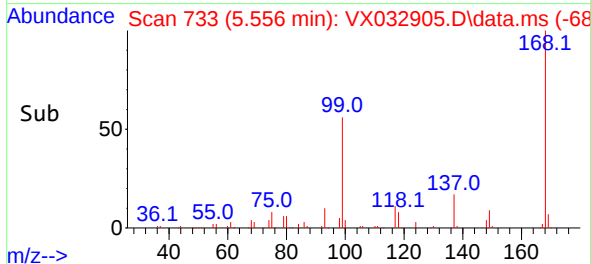


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

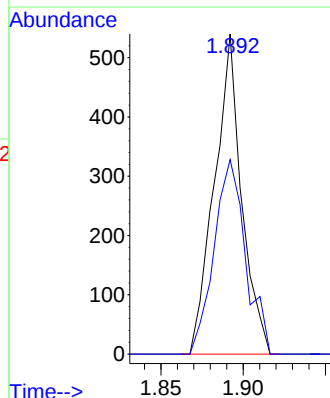
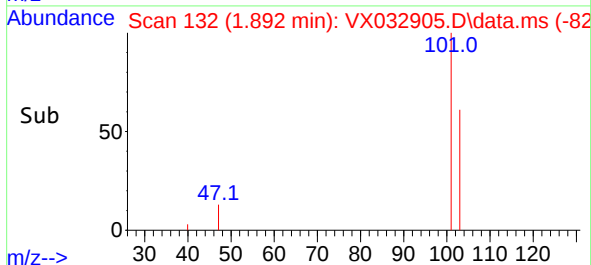
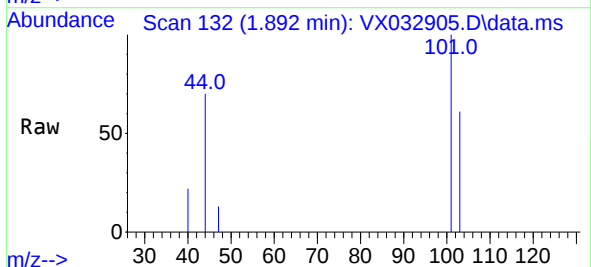


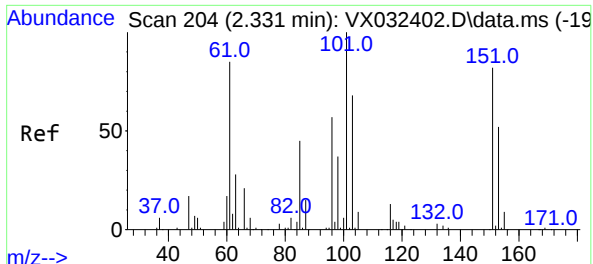
Tgt Ion:168 Resp: 106673
Ion Ratio Lower Upper
168 100
99 55.9 46.1 69.1



#7
Trichlorofluoromethane
Concen: 0.286 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion:101 Resp: 621
Ion Ratio Lower Upper
101 100
103 60.7 51.4 77.2

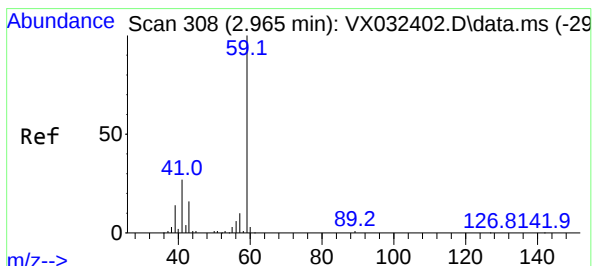
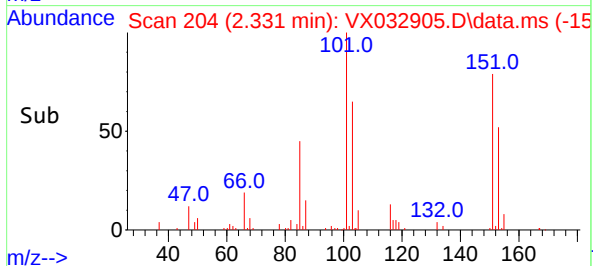
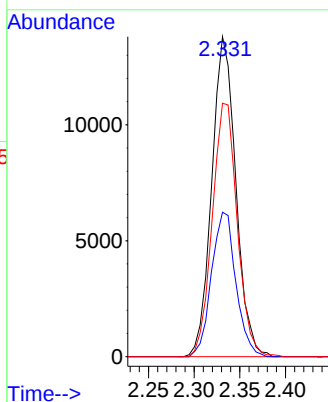
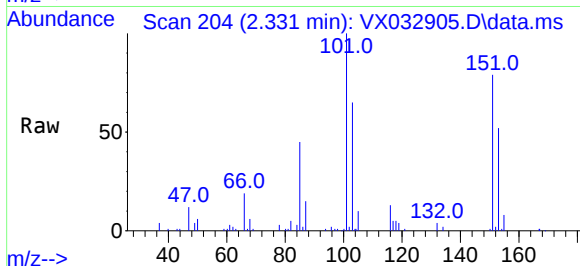




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.064 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

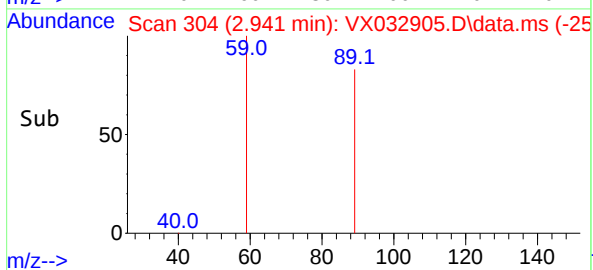
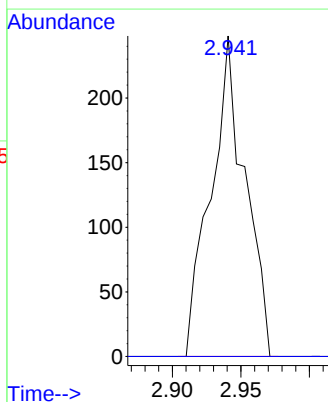
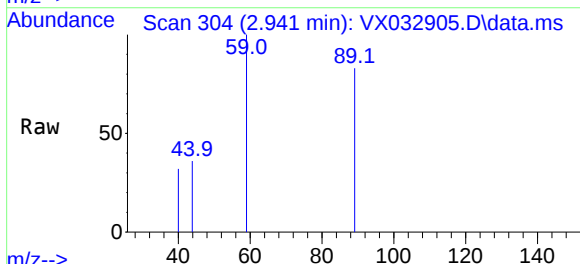
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

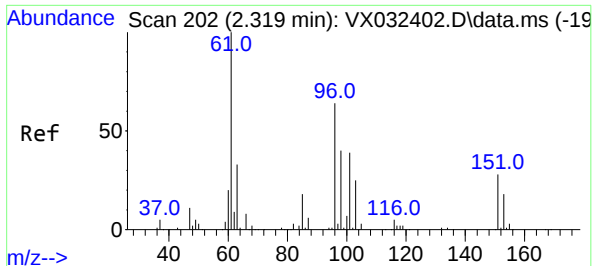
Tgt Ion:101 Resp: 25267
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.4
151 82.1 64.4 96.6



#11
Tert butyl alcohol
Concen: 1.998 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 59 Resp: 431
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#12

1,1-Dichloroethene

Concen: 0.573 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX032905.D

Acq: 17 Nov 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20221115

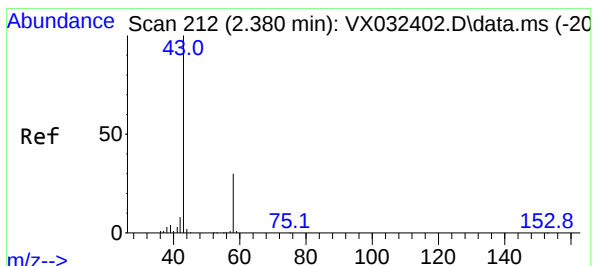
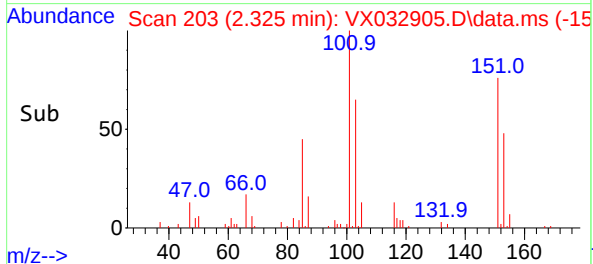
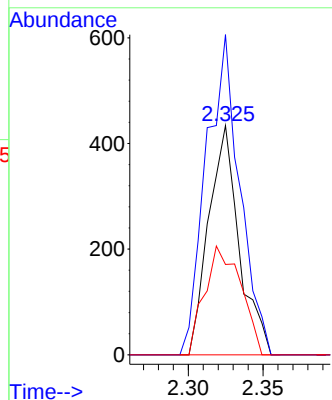
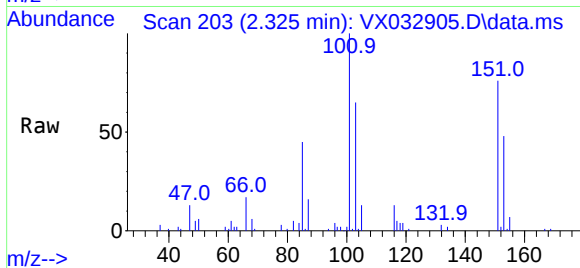
Tgt Ion: 96 Resp: 613

Ion Ratio Lower Upper

96 100

61 139.6 125.1 187.7

98 39.4 50.6 76.0#



#16

Acetone

Concen: 0.850 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX032905.D

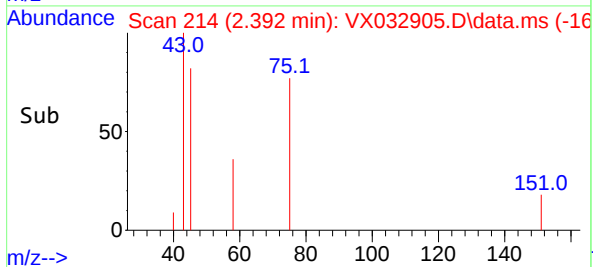
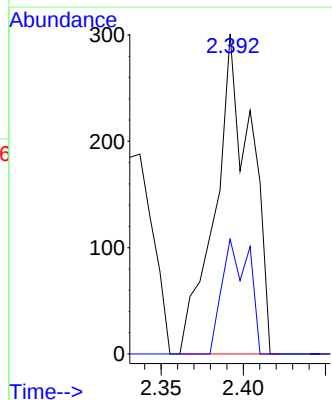
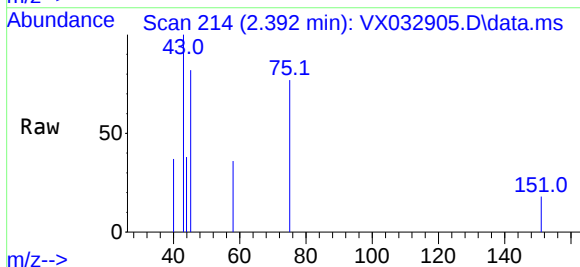
Acq: 17 Nov 2022 17:12

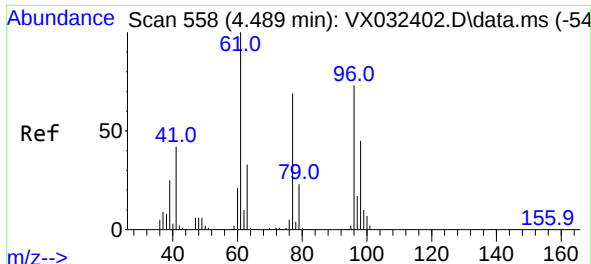
Tgt Ion: 43 Resp: 458

Ion Ratio Lower Upper

43 100

58 35.9 23.8 35.8#





#27

cis-1,2-Dichloroethene

Concen: 1.746 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX032905.D

Acq: 17 Nov 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20221115

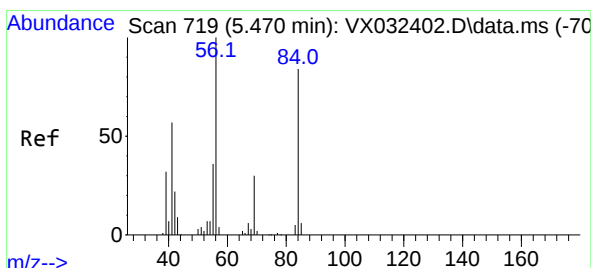
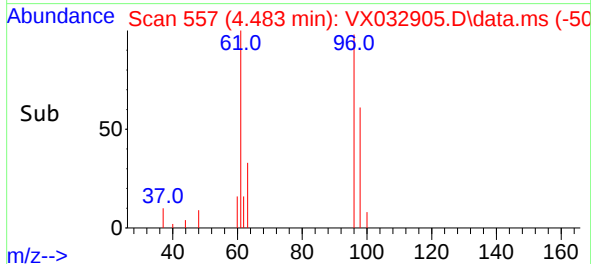
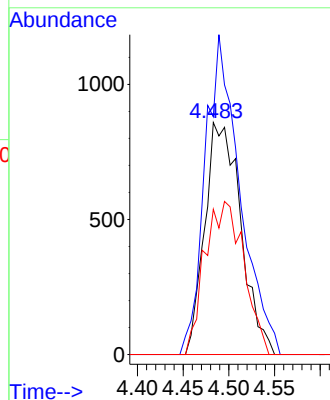
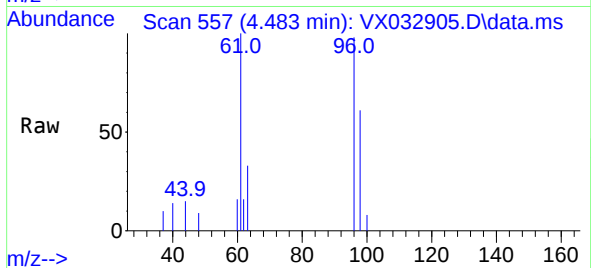
Tgt Ion: 96 Resp: 2350

Ion Ratio Lower Upper

96 100

61 133.6 0.0 286.0

98 71.5 0.0 129.6



#31

Cyclohexane

Concen: 1.259 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032905.D

Acq: 17 Nov 2022 17:12

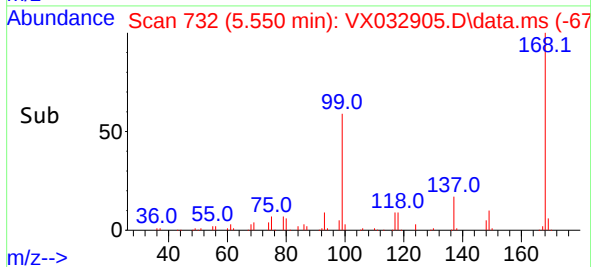
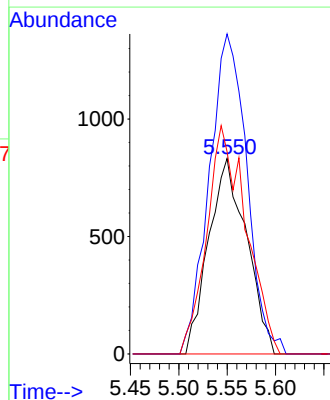
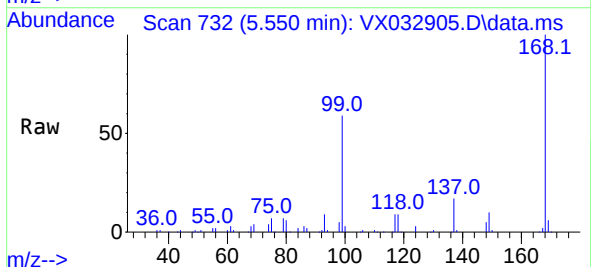
Tgt Ion: 56 Resp: 2262

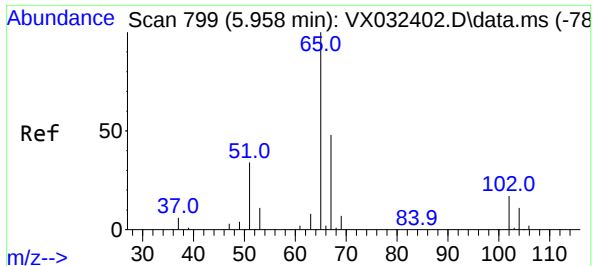
Ion Ratio Lower Upper

56 100

69 163.7 24.1 36.1#

84 103.5 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.011 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032905.D

Acq: 17 Nov 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

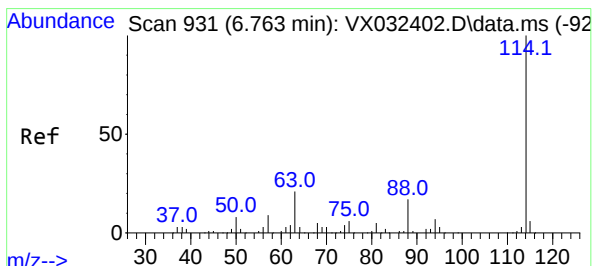
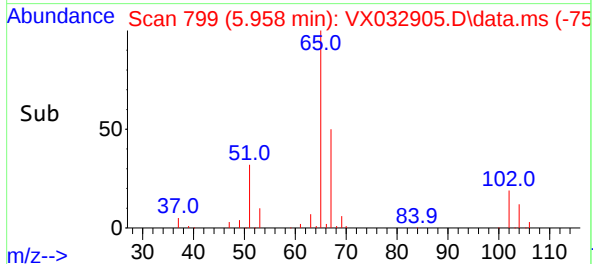
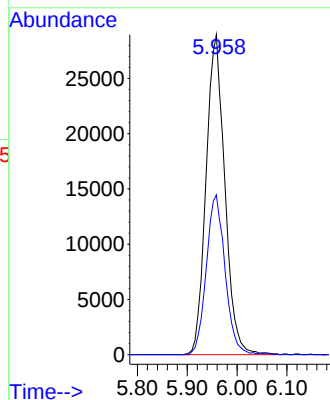
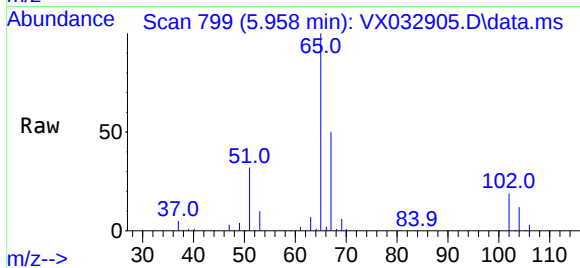
RE134D2-20221115

Tgt Ion: 65 Resp: 75608

Ion Ratio Lower Upper

65 100

67 50.1 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: VX032905.D

Acq: 17 Nov 2022 17:12

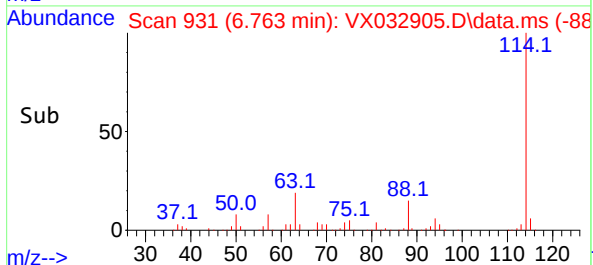
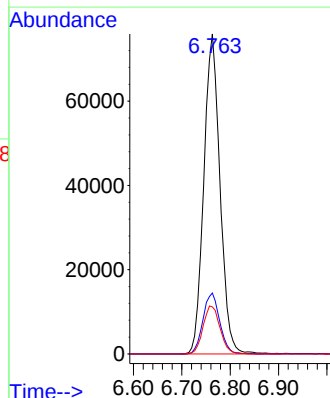
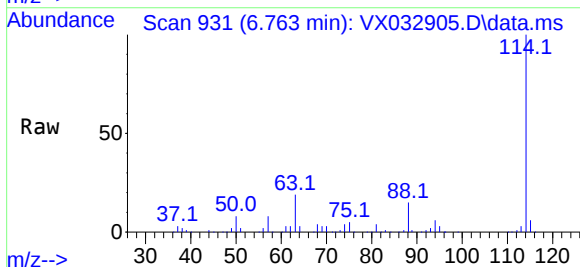
Tgt Ion: 114 Resp: 176803

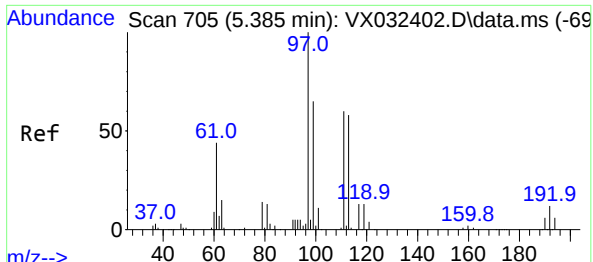
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 14.7 0.0 33.4

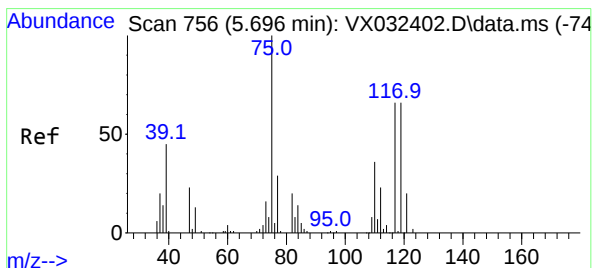
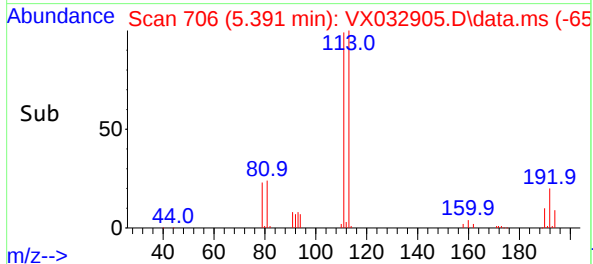
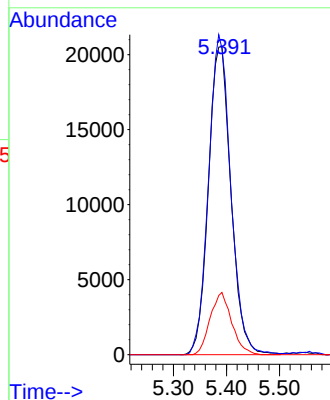
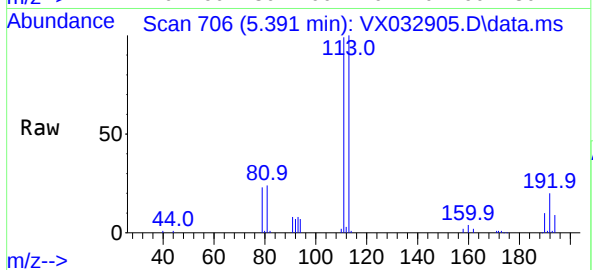




#35
Dibromofluoromethane
Concen: 48.099 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

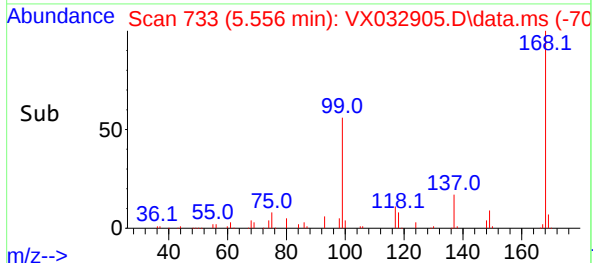
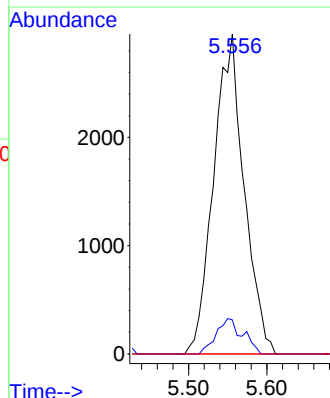
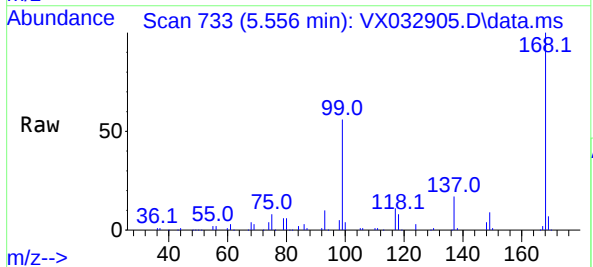
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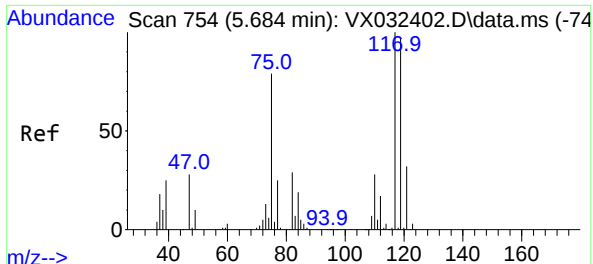
Tgt Ion:113 Resp: 60660
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.543 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

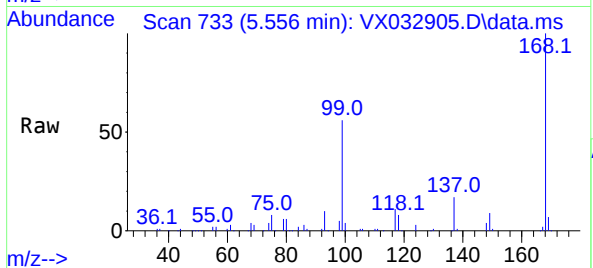
Tgt Ion: 75 Resp: 7978
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.5 36.7#



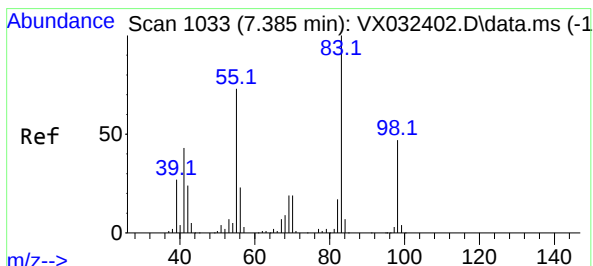
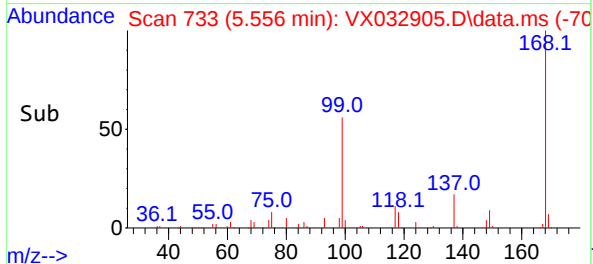
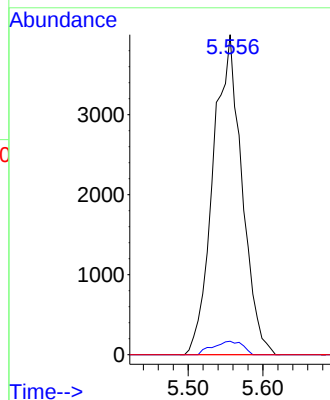


#38
Carbon Tetrachloride
Concen: 5.501 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

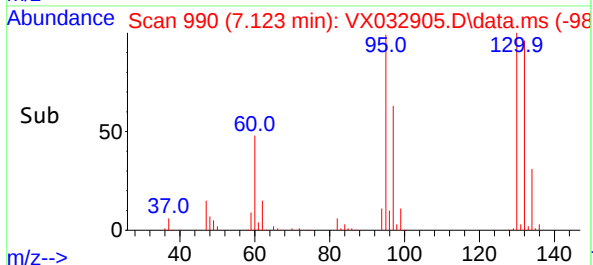
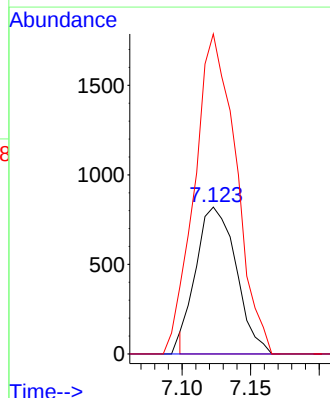
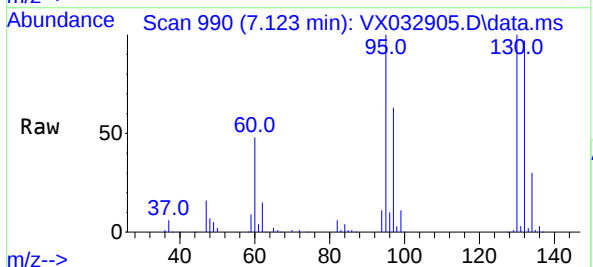


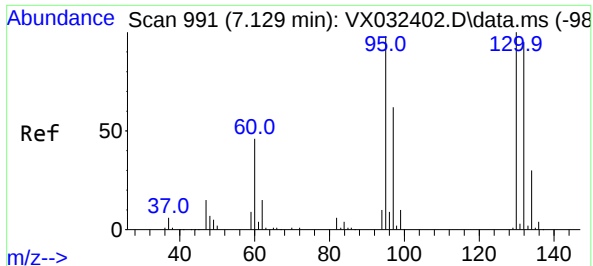
Tgt Ion:117 Resp: 10715
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 0.796 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 83 Resp: 1655
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 217.9 37.2 55.8#

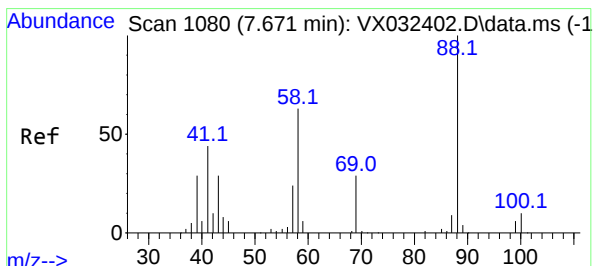
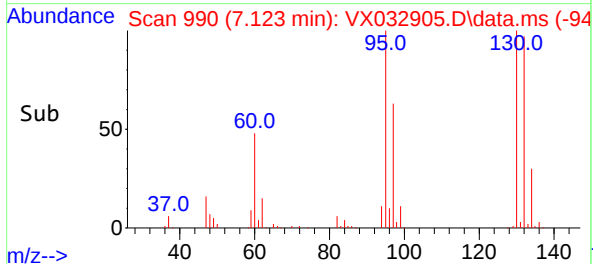
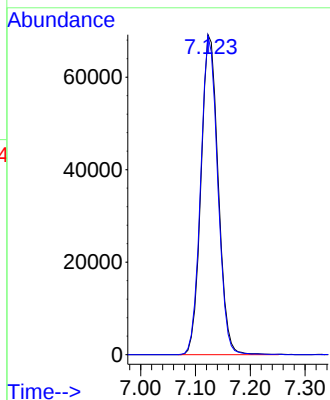
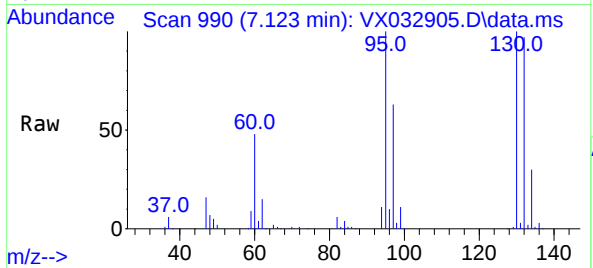




#44
Trichloroethene
Concen: 107.454 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

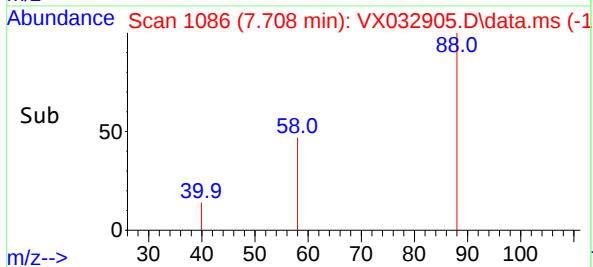
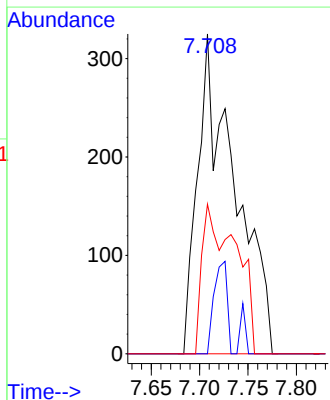
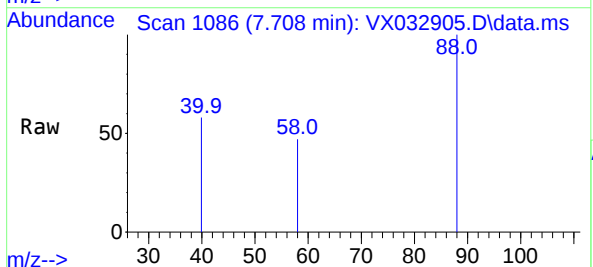
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

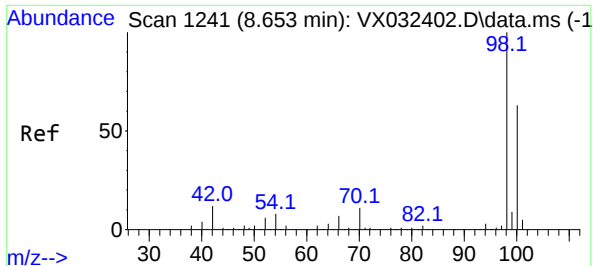
Tgt Ion:130 Resp: 150332
Ion Ratio Lower Upper
130 100
95 99.7 0.0 195.2



#49
1,4-Dioxane
Concen: 31.456 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.037 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 88 Resp: 869
Ion Ratio Lower Upper
88 100
43 10.1 26.6 39.8#
58 20.3 51.7 77.5#

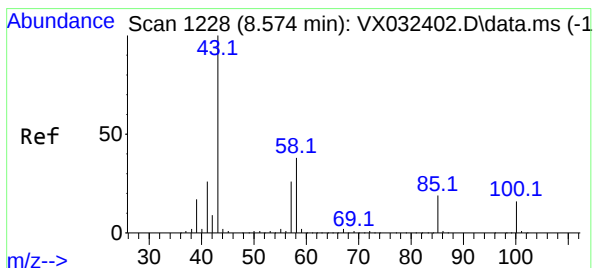
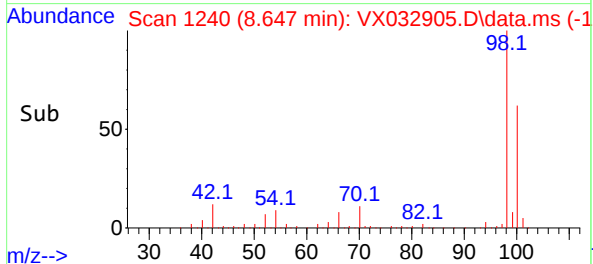
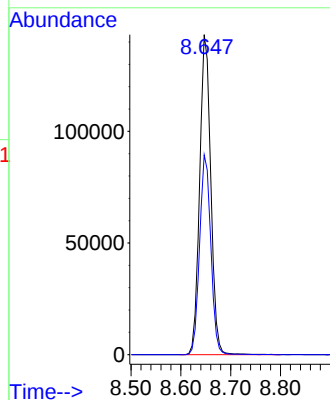
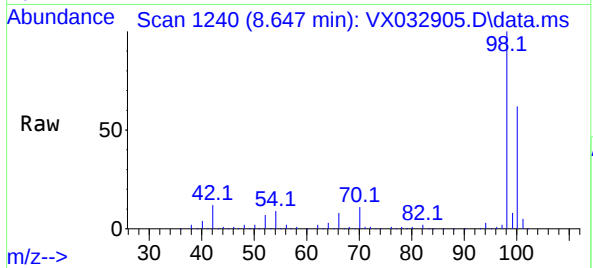




#50
Toluene-d8
Concen: 50.593 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

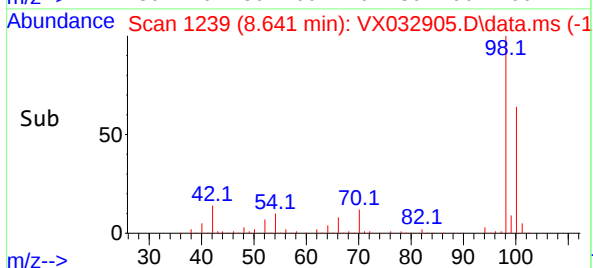
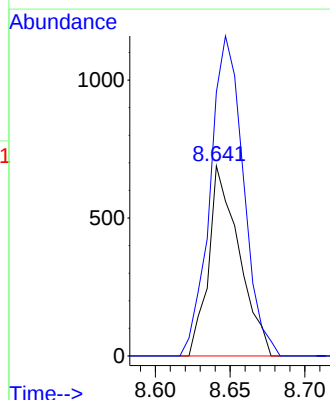
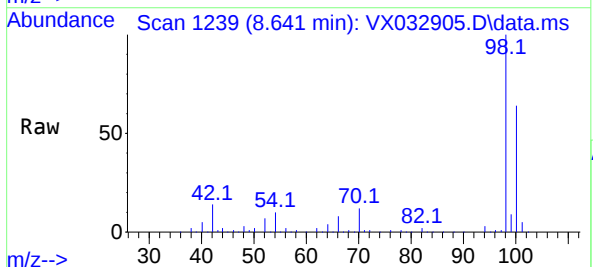
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

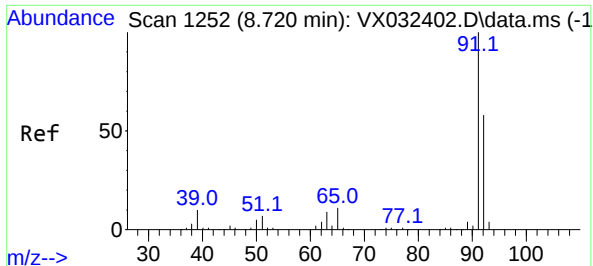
Tgt Ion: 98 Resp: 221868
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.552 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
58 184.0 30.9 46.3#

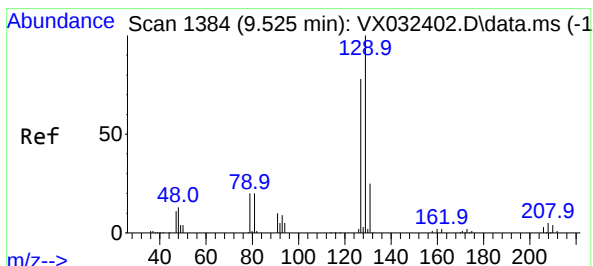
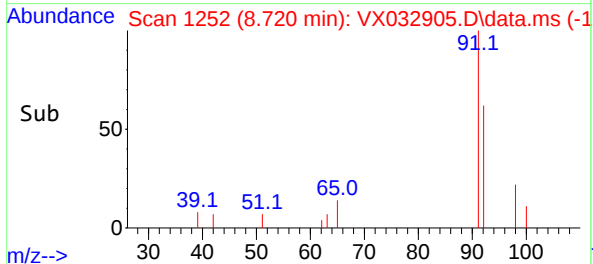
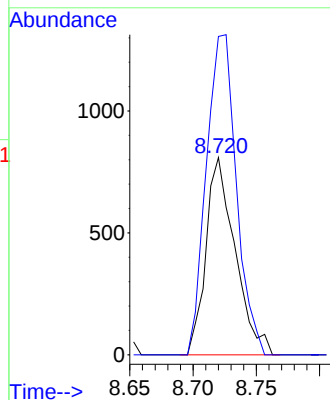
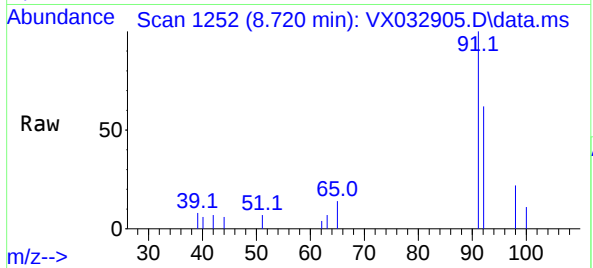




#52
Toluene
Concen: 0.400 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

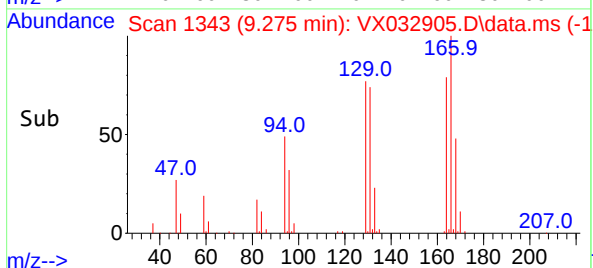
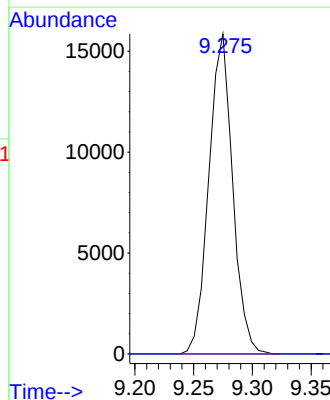
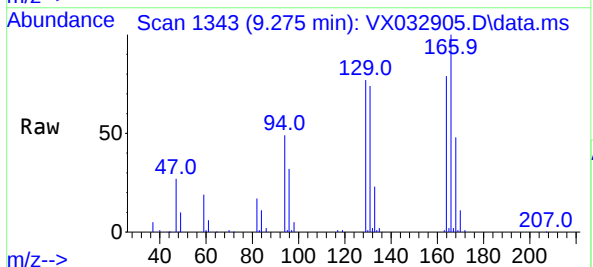
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

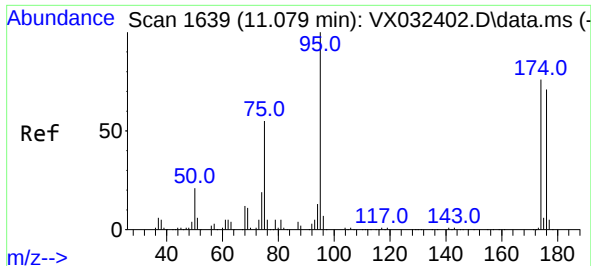
Tgt Ion: 92 Resp: 1298
Ion Ratio Lower Upper
92 100
91 167.6 138.3 207.5



#60
Dibromochloromethane
Concen: 14.963 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 129 Resp: 22318
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

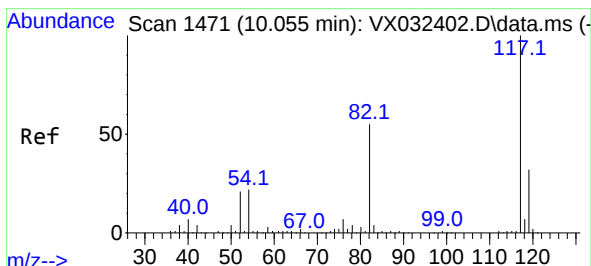
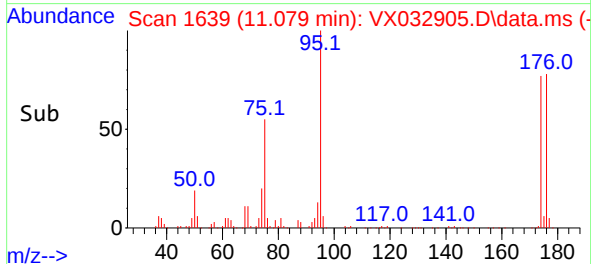
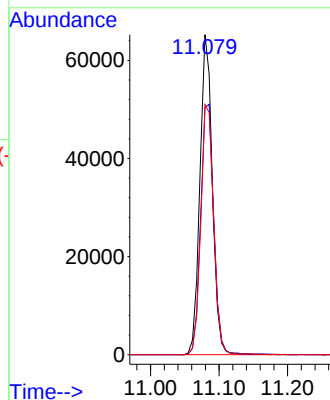
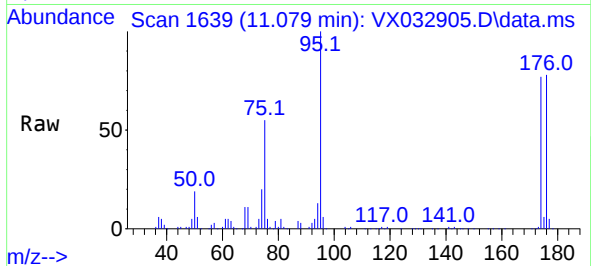




#62
4-Bromofluorobenzene
Concen: 48.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

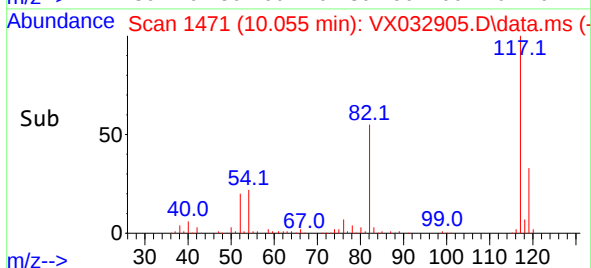
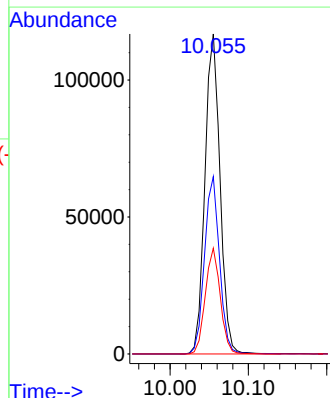
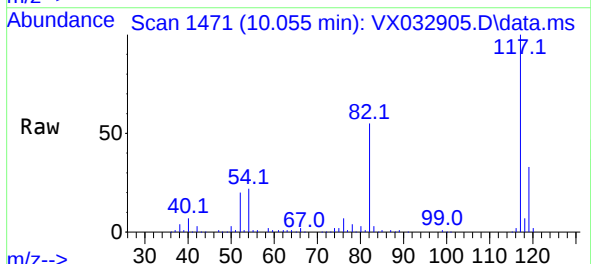
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

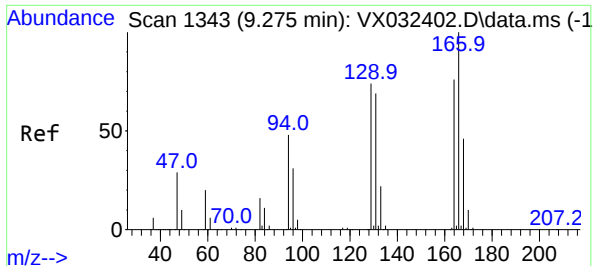
Tgt Ion: 95 Resp: 82474
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 80.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 117 Resp: 156206
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 33.0 25.7 38.5



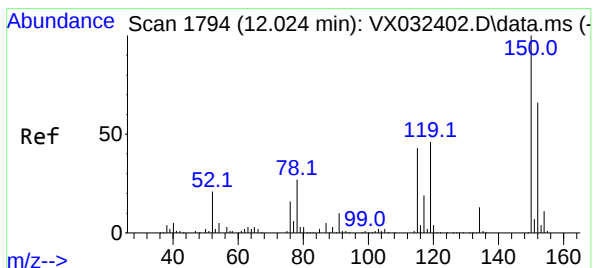
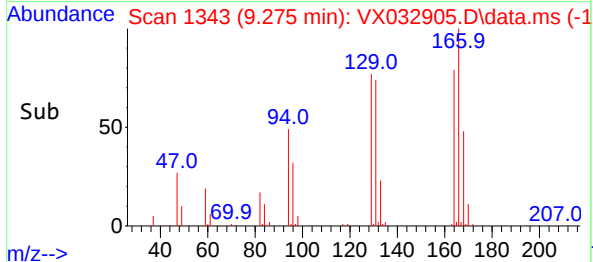
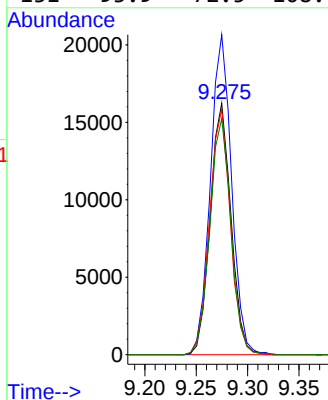
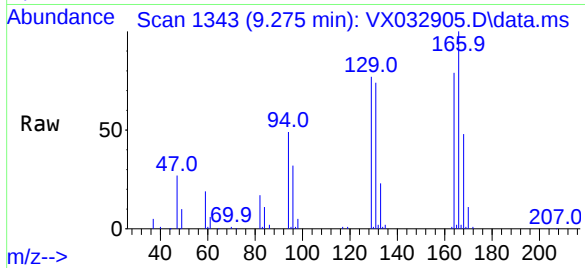


#64
Tetrachloroethene
Concen: 19.937 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

Tgt Ion:164 Resp: 22794

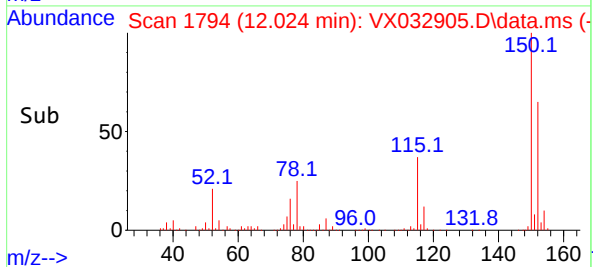
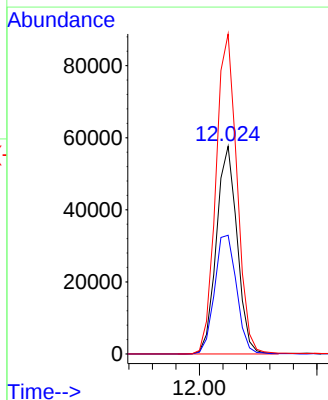
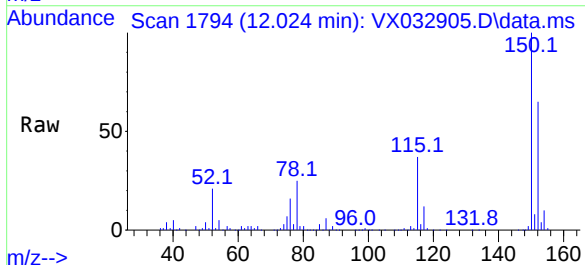
Ion	Ratio	Lower	Upper
164	100		
166	127.3	105.4	158.2
129	97.7	78.2	117.2
131	93.9	72.5	108.7

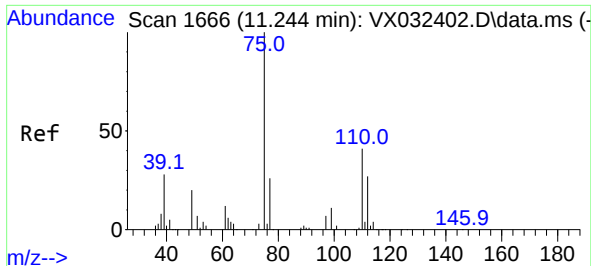


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion:152 Resp: 70721

Ion	Ratio	Lower	Upper
152	100		
115	60.8	44.0	132.0
150	157.0	0.0	351.8

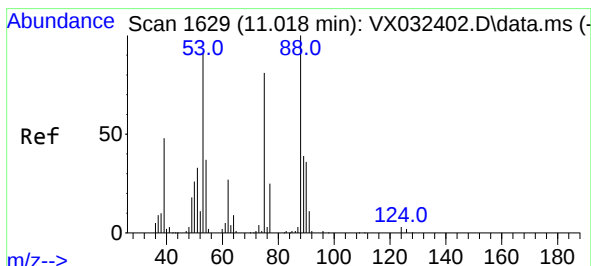
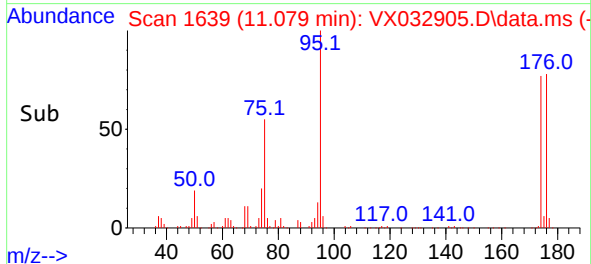
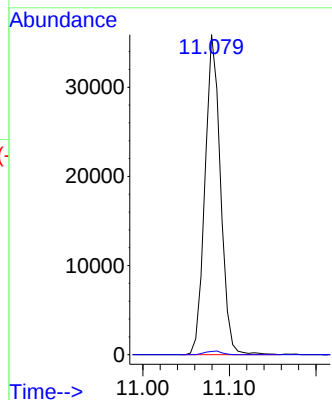
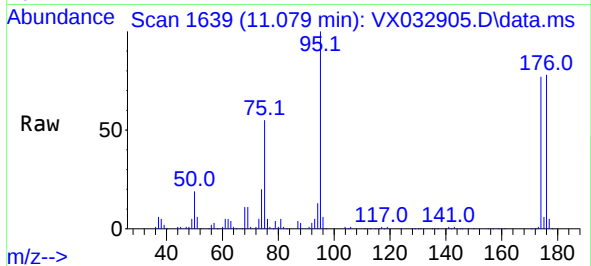




#76
1,2,3-Trichloropropane
Concen: 28.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20221115

Tgt Ion: 75 Resp: 44677
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032905.D
Acq: 17 Nov 2022 17:12

Tgt Ion: 75 Resp: 44677
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

