

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032444.D
 Acq On : 27 Oct 2022 21:20
 Operator : JC/MD
 Sample : N5349-01DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-02-20221019

Quant Time: Oct 28 07:15:27 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)

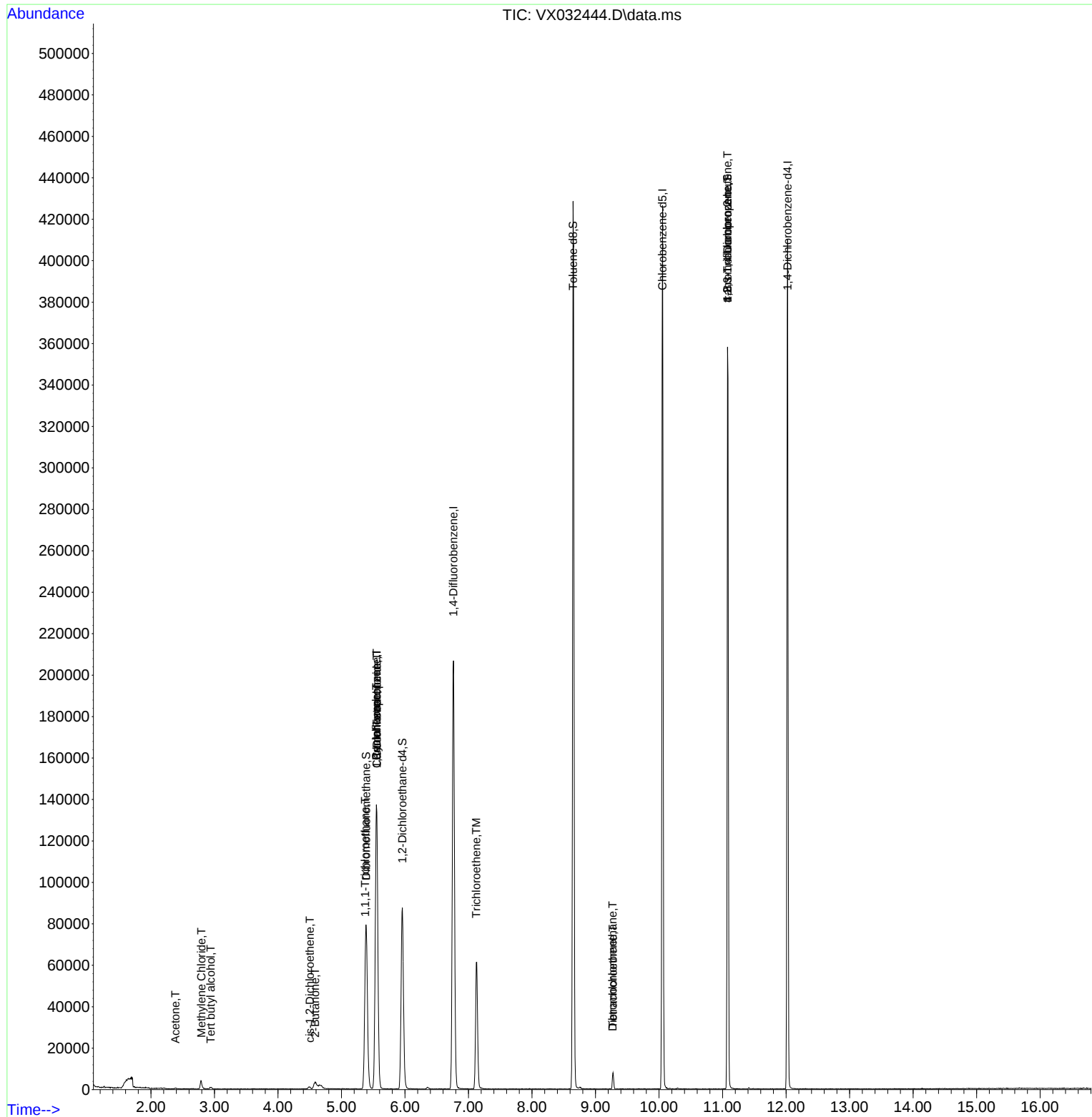
Internal Standards						
1) Pentafluorobenzene	5.550	168	129193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86036	47.928	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.860%
35) Dibromofluoromethane	5.385	113	67808	45.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.760%
50) Toluene-d8	8.647	98	250113	48.133	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.260%
62) 4-Bromofluorobenzene	11.079	95	91632	45.143	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	453	1.734	ug/l #	72
16) Acetone	2.386	43	485	0.743	ug/l #	81
20) Methylene Chloride	2.794	84	2116	1.415	ug/l	87
25) 2-Butanone	4.587	43	1915	1.895	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	799	0.490	ug/l	63
31) Cyclohexane	5.550	56	3022	1.388	ug/l #	3
32) 1,1,1-Trichloroethane	5.373	97	1424	0.563	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	10314	4.956	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12934	5.604	ug/l #	15
44) Trichloroethene	7.123	130	23576	14.222	ug/l	100
60) Dibromochloromethane	9.269	129	1435	0.812	ug/l #	11
64) Tetrachloroethene	9.275	164	1516	1.109	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	49954	26.715	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49954	85.007	ug/l #	6

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

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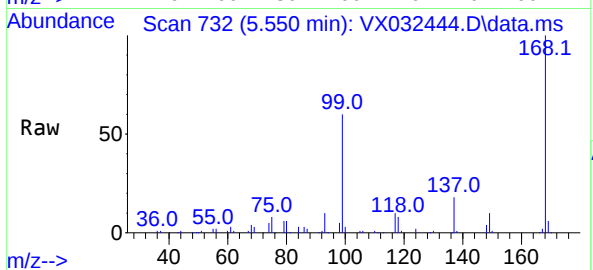
Quant Time: Oct 28 07:15:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



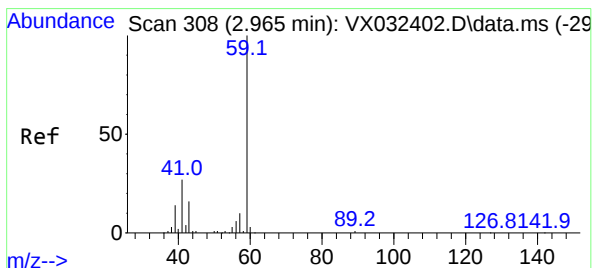
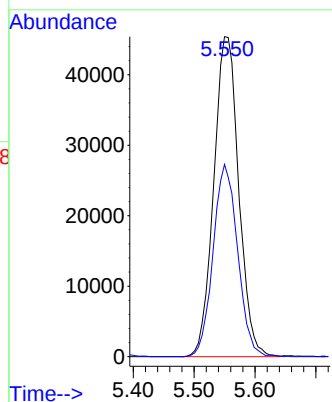


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-02-20221019

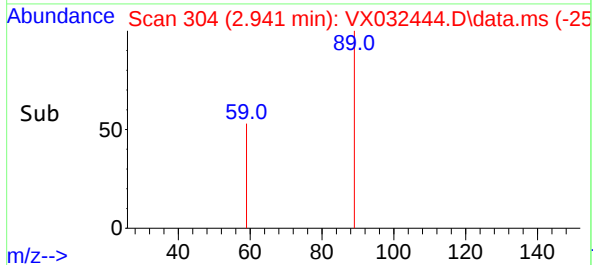
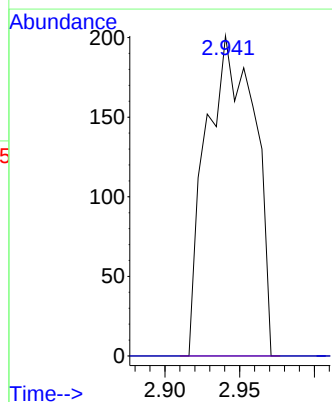
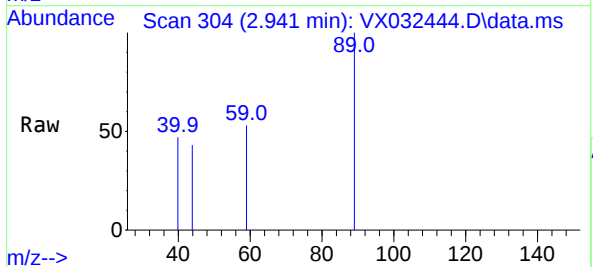


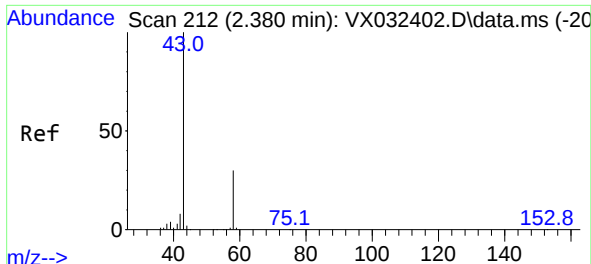
Tgt Ion:168 Resp: 129193
Ion Ratio Lower Upper
168 100
99 60.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.734 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Tgt Ion: 59 Resp: 453
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

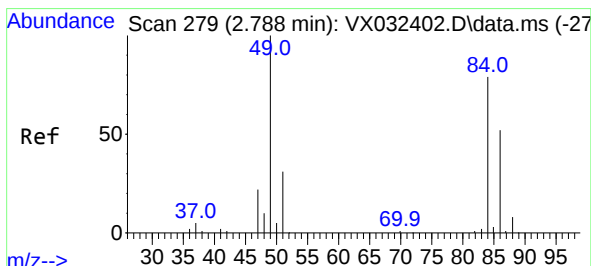
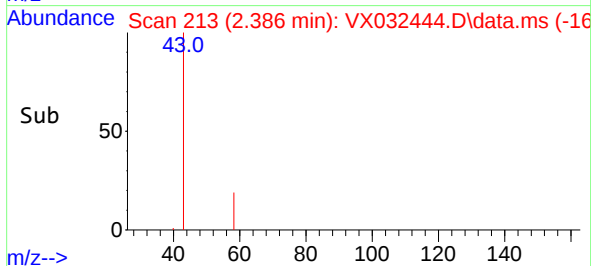
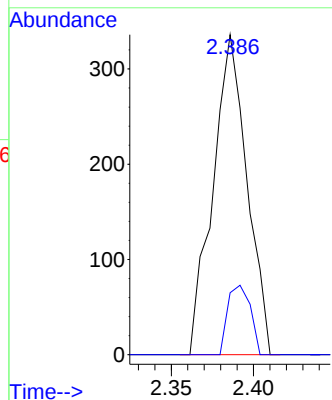
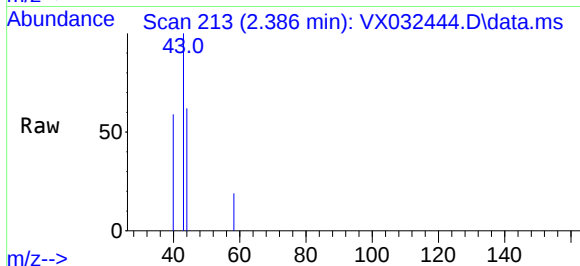




#16
Acetone
Concen: 0.743 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

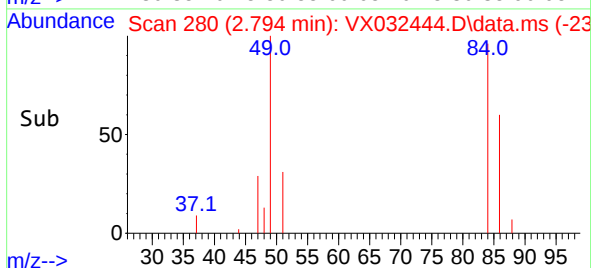
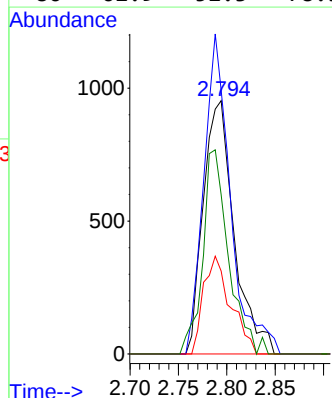
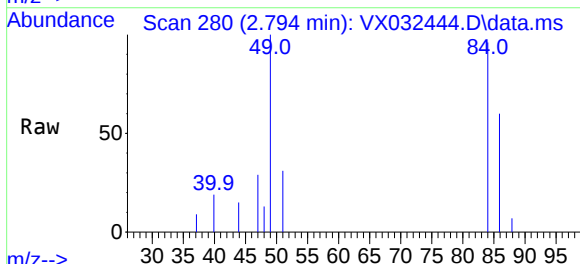
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-02-20221019

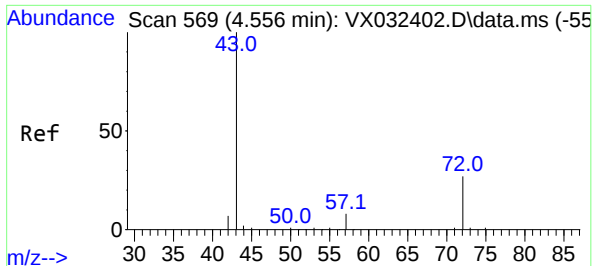
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 19.3 23.8 35.8#



#20
Methylene Chloride
Concen: 1.415 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Tgt Ion: 84 Resp: 2116
Ion Ratio Lower Upper
84 100
49 104.1 101.0 151.6
51 32.7 31.1 46.7
86 62.9 52.3 78.5

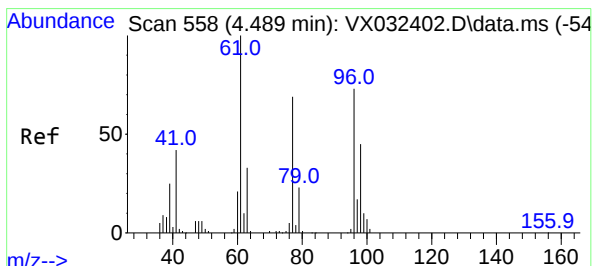
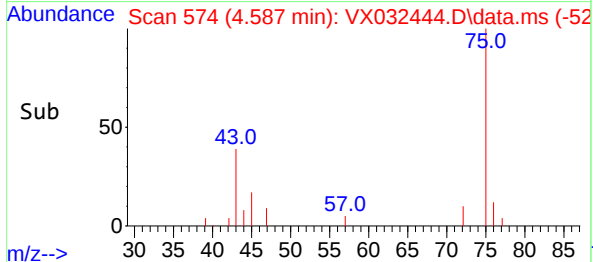
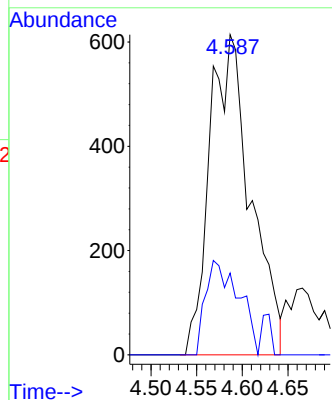
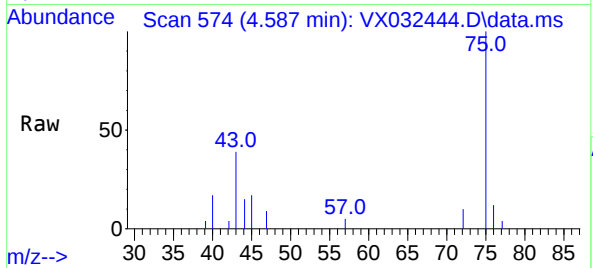




#25
2-Butanone
Concen: 1.895 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

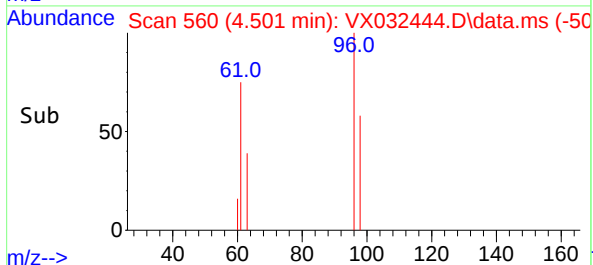
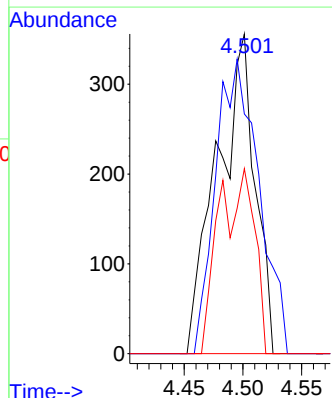
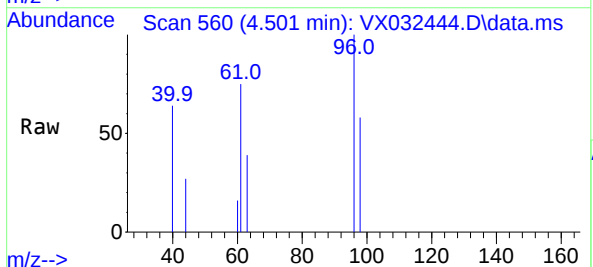
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-02-20221019

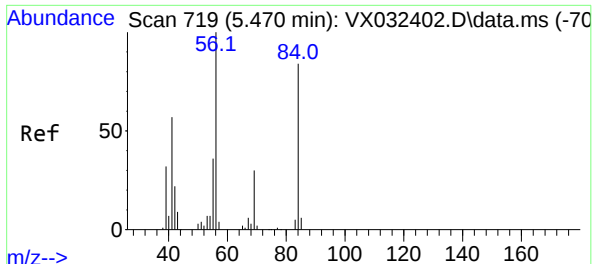
Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
72 25.6 22.2 33.2



#27
cis-1,2-Dichloroethene
Concen: 0.490 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

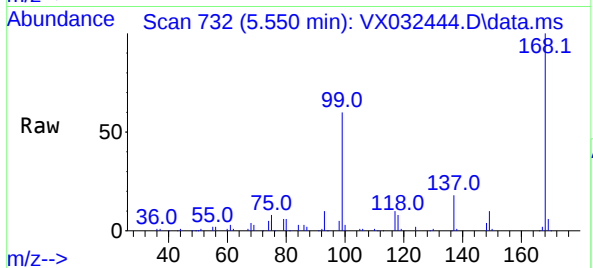
Tgt Ion: 96 Resp: 799
Ion Ratio Lower Upper
96 100
61 104.6 0.0 286.0
98 24.7 0.0 129.6





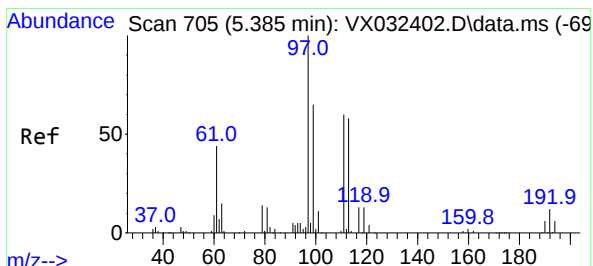
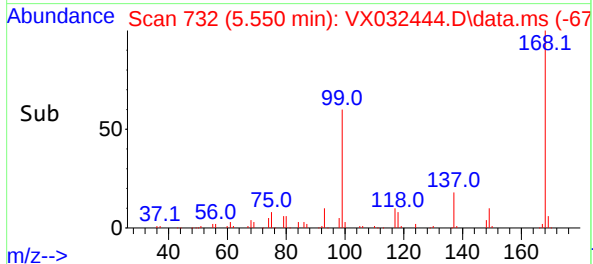
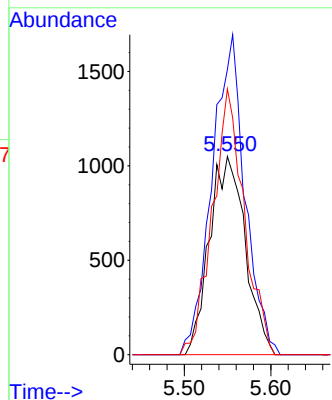
#31
Cyclohexane
Concen: 1.388 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-02-20221019



Tgt Ion: 56 Resp: 3022

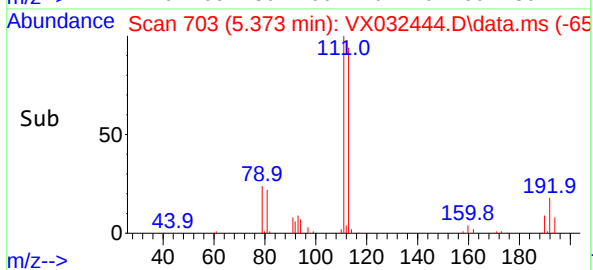
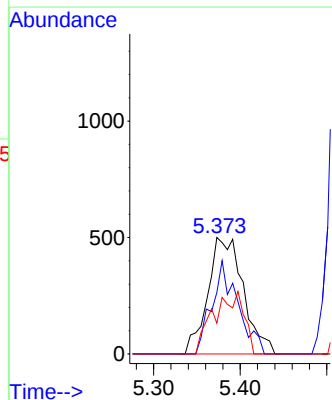
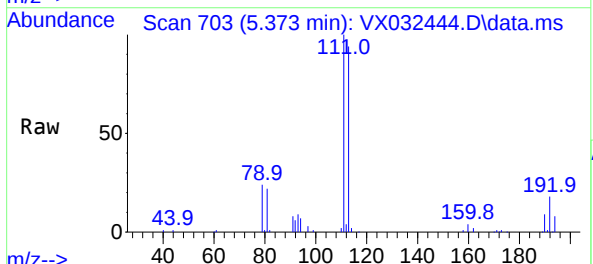
Ion	Ratio	Lower	Upper
56	100		
69	143.8	24.1	36.1#
84	134.1	66.9	100.3#

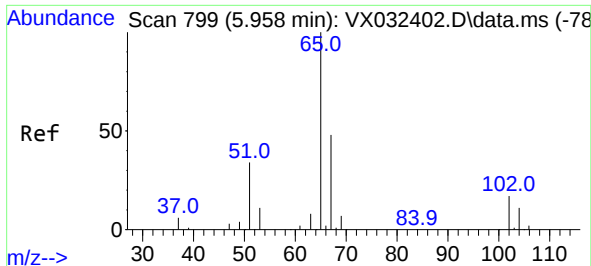


#32
1,1,1-Trichloroethane
Concen: 0.563 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Tgt Ion: 97 Resp: 1424

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	0.0	35.2	52.8#





#33

1,2-Dichloroethane-d4

Concen: 47.928 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032444.D

Acq: 27 Oct 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

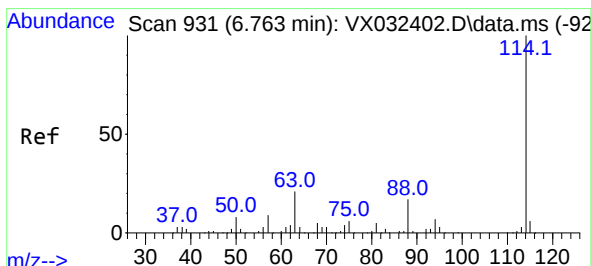
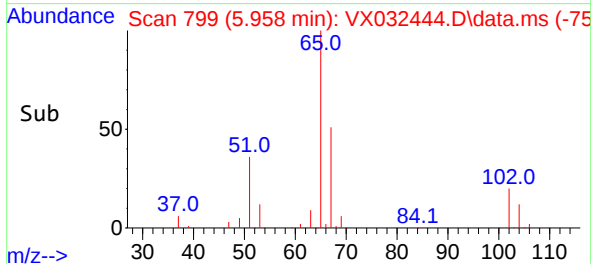
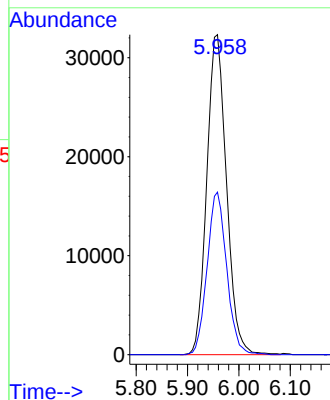
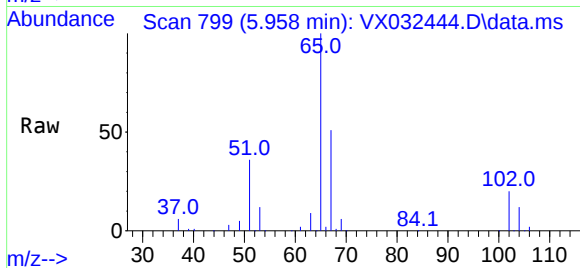
FSND-FD-02-20221019

Tgt Ion: 65 Resp: 86036

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: VX032444.D

Acq: 27 Oct 2022 21:20

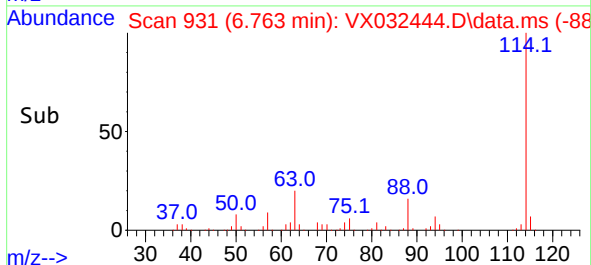
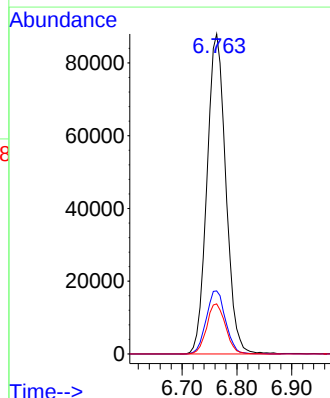
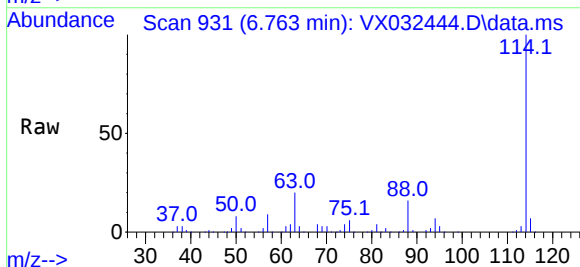
Tgt Ion: 114 Resp: 209500

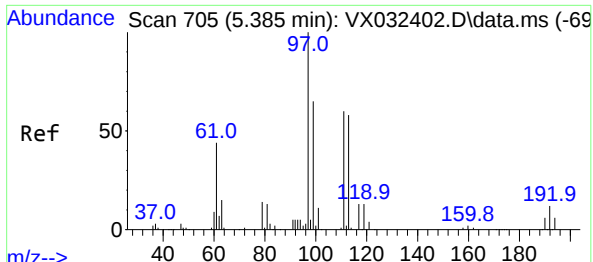
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.6

88 15.6 0.0 33.4

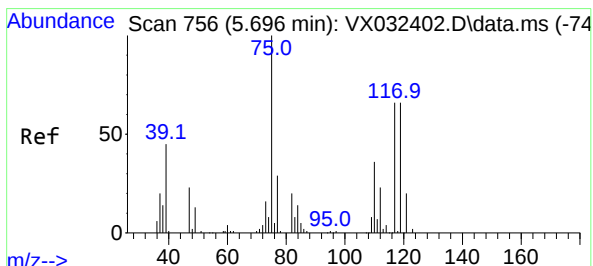
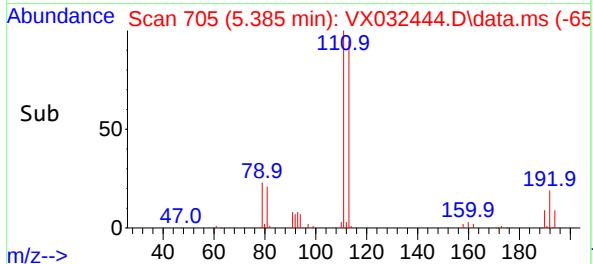
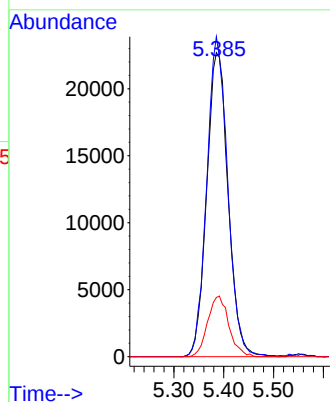
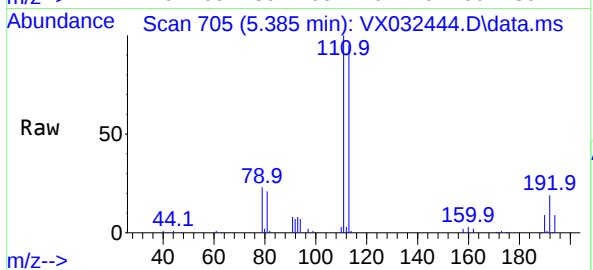




#35
Dibromofluoromethane
Concen: 45.375 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

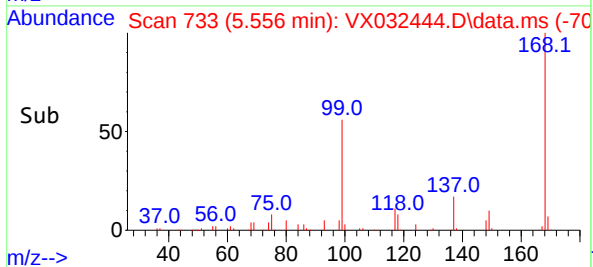
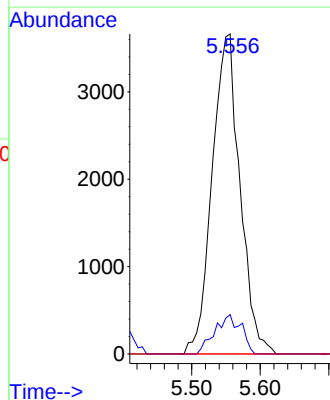
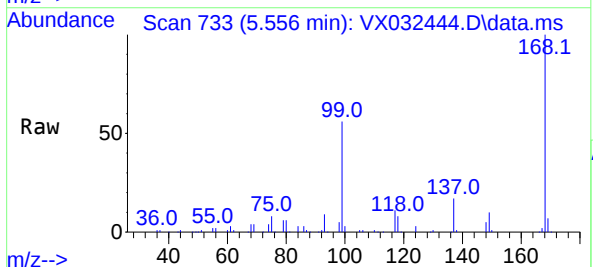
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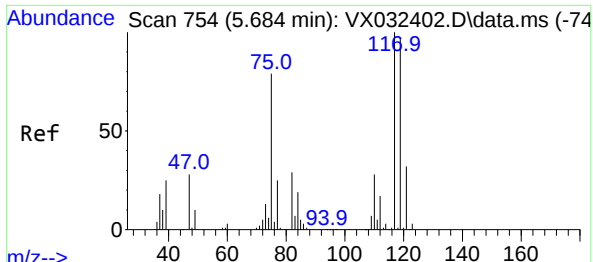
Tgt Ion:113 Resp: 67808
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

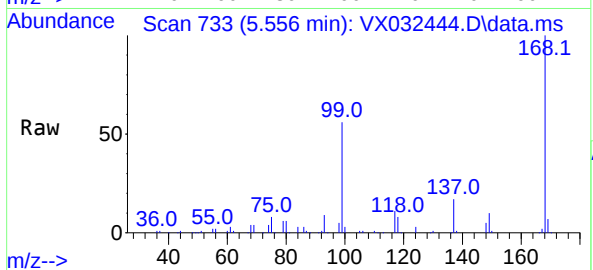
Tgt Ion: 75 Resp: 10314
Ion Ratio Lower Upper
75 100
110 11.7 18.4 55.2#
77 0.0 24.5 36.7#



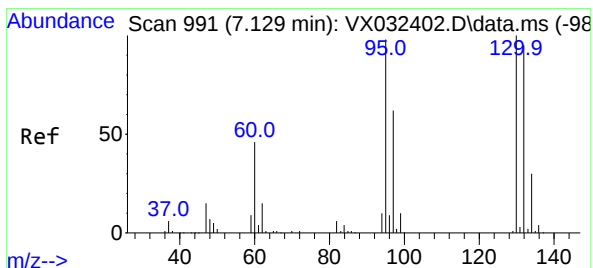
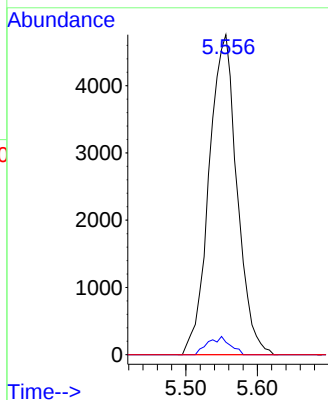
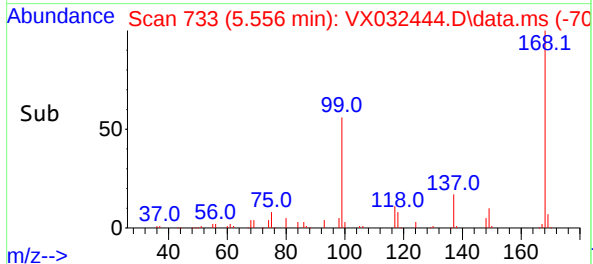


#38
Carbon Tetrachloride
Concen: 5.604 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-02-20221019

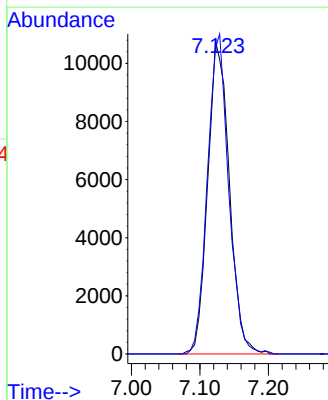
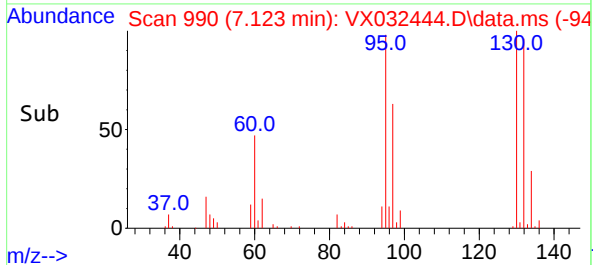
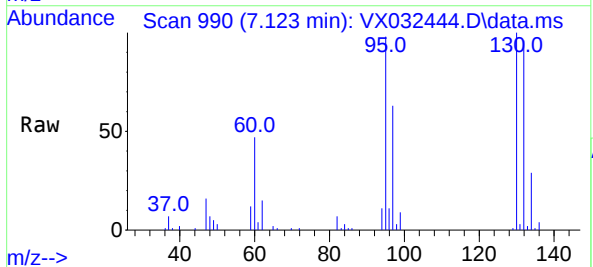


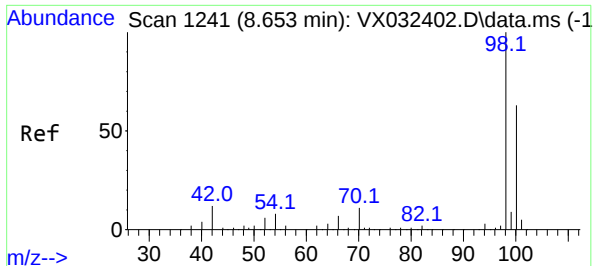
Tgt Ion:117 Resp: 12934
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 14.222 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Tgt Ion:130 Resp: 23576
Ion Ratio Lower Upper
130 100
95 97.6 0.0 195.2





#50

Toluene-d8

Concen: 48.133 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032444.D

Acq: 27 Oct 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

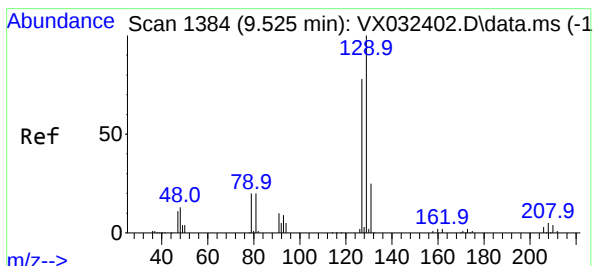
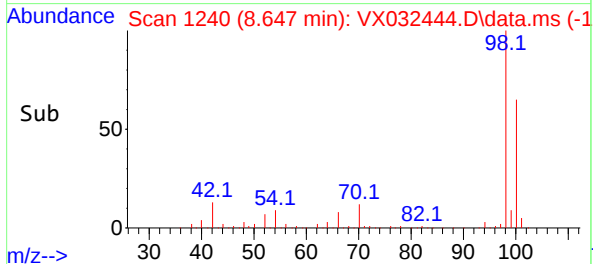
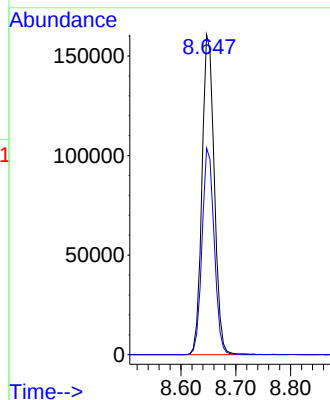
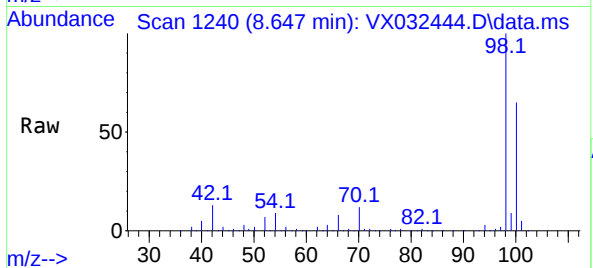
FSND-FD-02-20221019

Tgt Ion: 98 Resp: 250113

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#60

Dibromochloromethane

Concen: 0.812 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.256 min

Lab File: VX032444.D

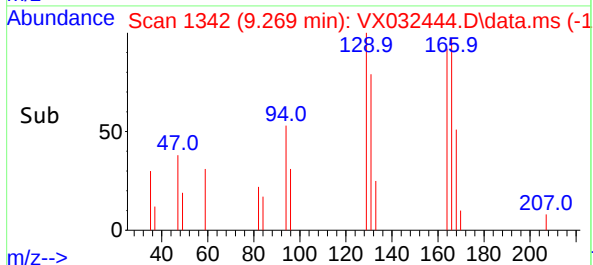
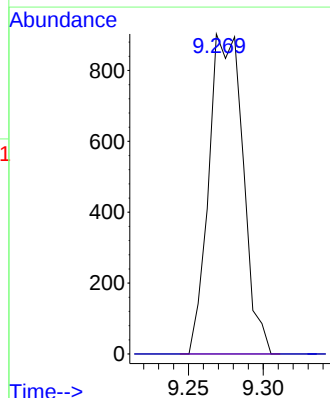
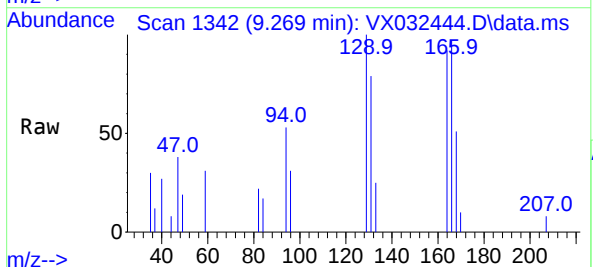
Acq: 27 Oct 2022 21:20

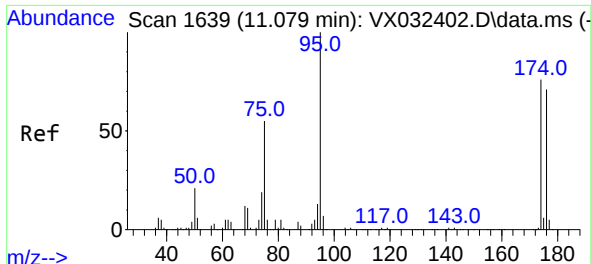
Tgt Ion: 129 Resp: 1435

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 45.143 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032444.D

Acq: 27 Oct 2022 21:20

Instrument :

MSVOA_X

ClientSampleId :

FSND-FD-02-20221019

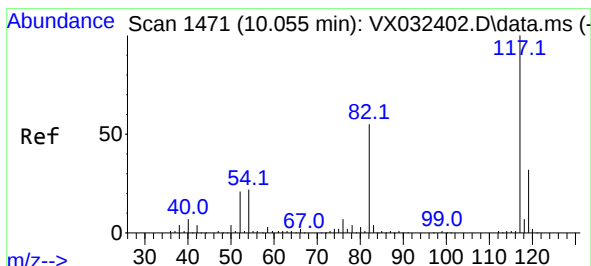
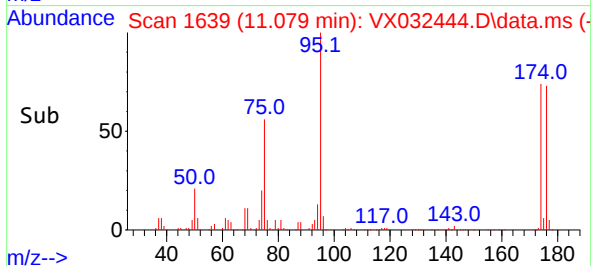
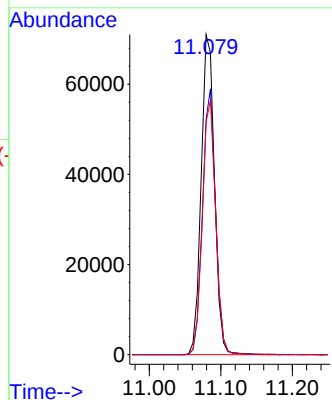
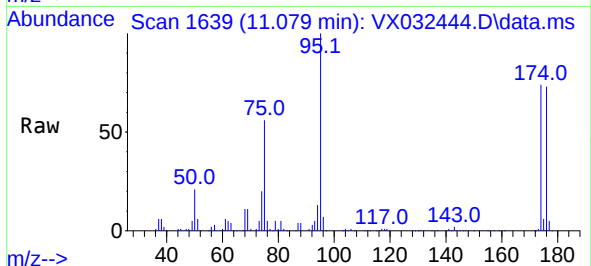
Tgt Ion: 95 Resp: 91632

Ion Ratio Lower Upper

95 100

174 82.0 0.0 164.0

176 79.5 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: VX032444.D

Acq: 27 Oct 2022 21:20

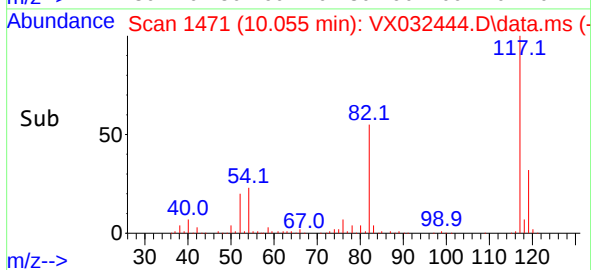
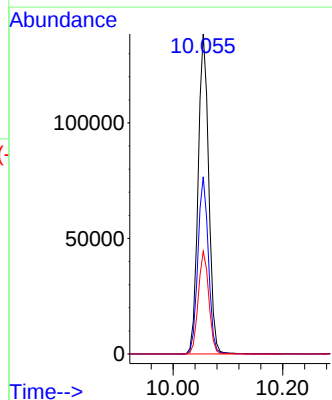
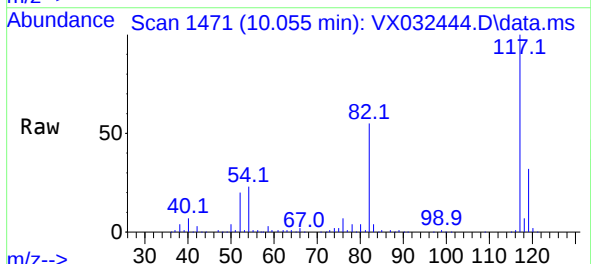
Tgt Ion: 117 Resp: 186750

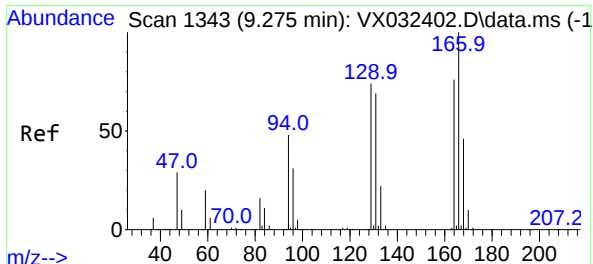
Ion Ratio Lower Upper

117 100

82 55.4 44.3 66.5

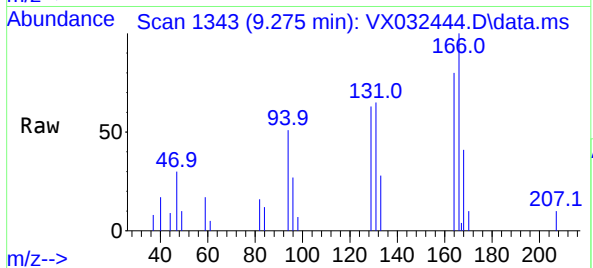
119 32.1 25.7 38.5





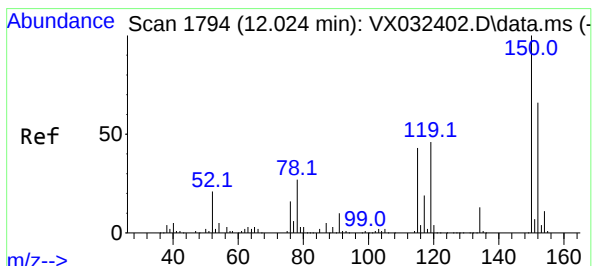
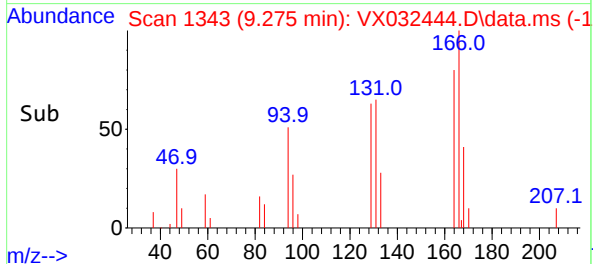
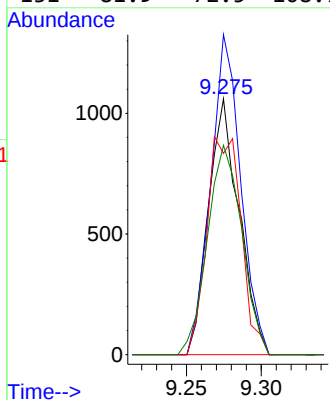
#64
Tetrachloroethene
Concen: 1.109 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-02-20221019



Tgt Ion:164 Resp: 1516

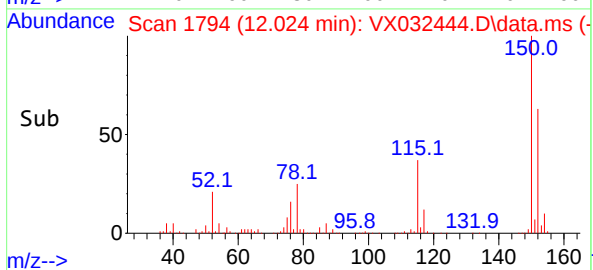
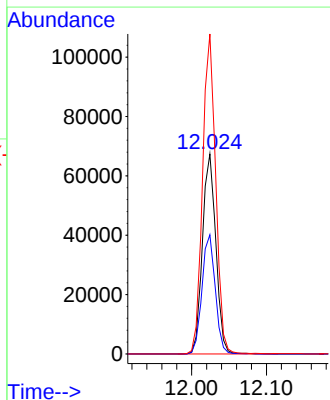
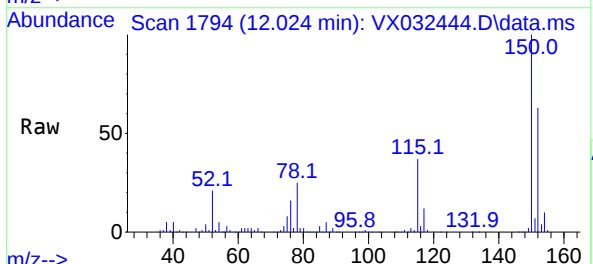
Ion	Ratio	Lower	Upper
164	100		
166	125.1	105.4	158.2
129	78.7	78.2	117.2
131	81.9	72.5	108.7

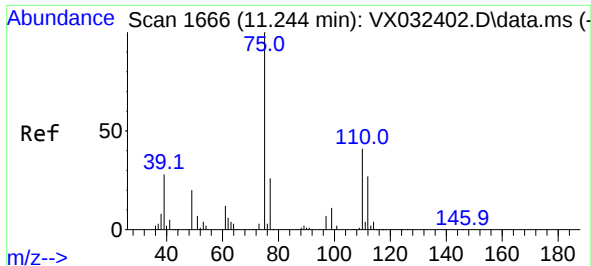


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Tgt Ion:152 Resp: 84050

Ion	Ratio	Lower	Upper
152	100		
115	58.9	44.0	132.0
150	156.4	0.0	351.8

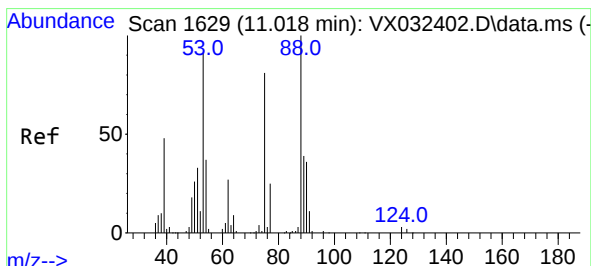
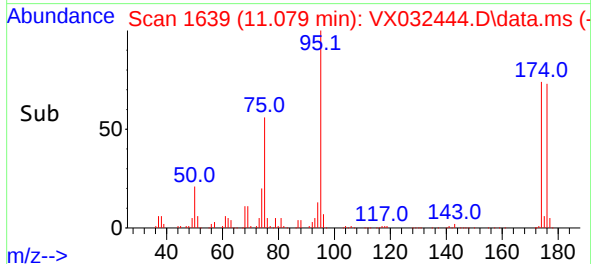
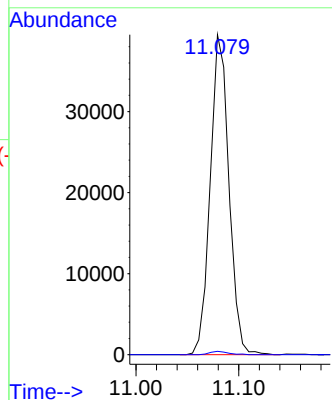
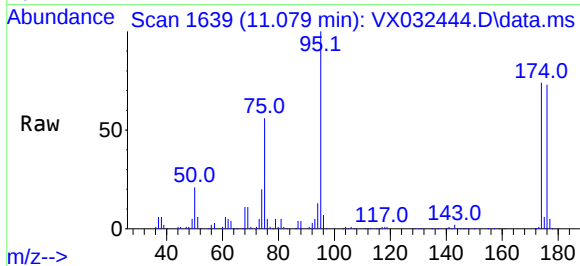




#76
1,2,3-Trichloropropane
Concen: 26.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-02-20221019

Tgt Ion: 75 Resp: 49954
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032444.D
Acq: 27 Oct 2022 21:20

Tgt Ion: 75 Resp: 49954
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

