

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032319.D
 Acq On : 22 Oct 2022 04:25
 Operator : JC/MD
 Sample : N5248-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-FD-03-20221019

Quant Time: Oct 22 06:05:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

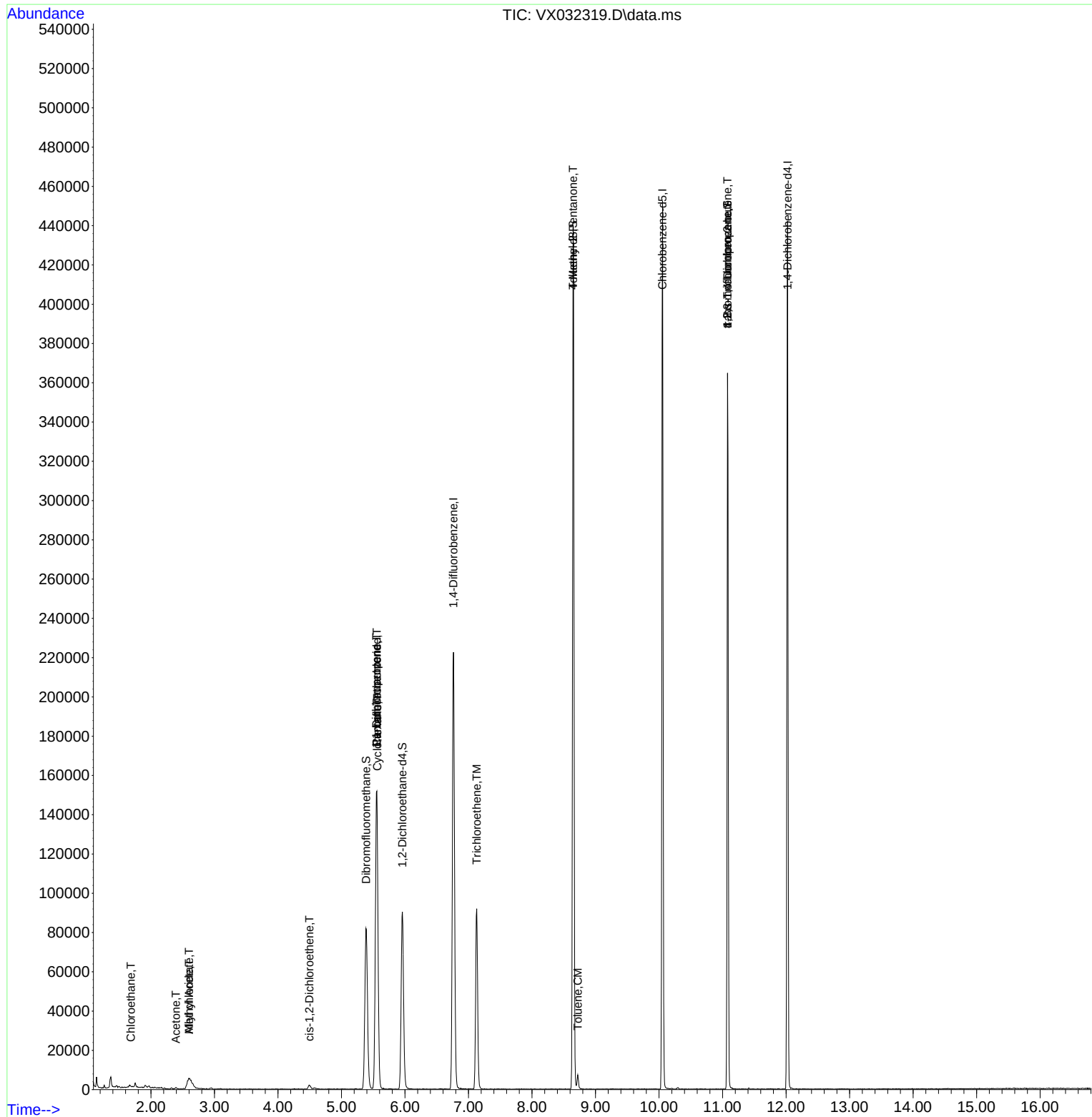
Internal Standards						
1) Pentafluorobenzene	5.556	168	143423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90093	48.287	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.580%
35) Dibromofluoromethane	5.385	113	70665	45.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.180%
50) Toluene-d8	8.647	98	261889	46.421	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.840%
62) 4-Bromofluorobenzene	11.079	95	91740	44.407	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.820%
Target Compounds						
					Qvalue	
3) Chloromethane	1.362	50	162	Below Cal	#	44
6) Chloroethane	1.685	64	58	1.992	ug/l #	41
11) Tert butyl alcohol	2.947	59	297	Below Cal	#	74
14) Allyl chloride	2.599	41	1925	0.957	ug/l #	53
16) Acetone	2.392	43	976	1.612	ug/l #	85
18) Methyl Acetate	2.599	43	4947	2.407	ug/l #	50
27) cis-1,2-Dichloroethene	4.495	96	1511	0.926	ug/l	86
31) Cyclohexane	5.562	56	3213	1.506	ug/l #	54
36) 1,1-Dichloropropene	5.550	75	11460	5.684	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15093	7.092	ug/l #	17
44) Trichloroethene	7.129	130	34764	21.605	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1206	0.621	ug/l #	1
52) Toluene	8.720	92	2624	0.693	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	50394	28.458	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	50394	87.229	ug/l #	6

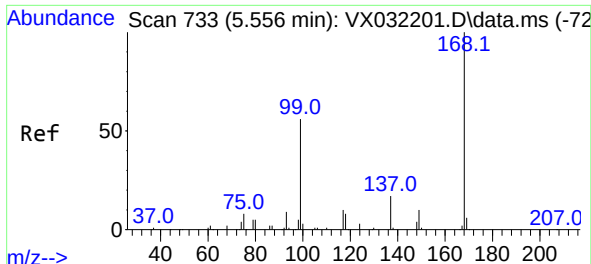
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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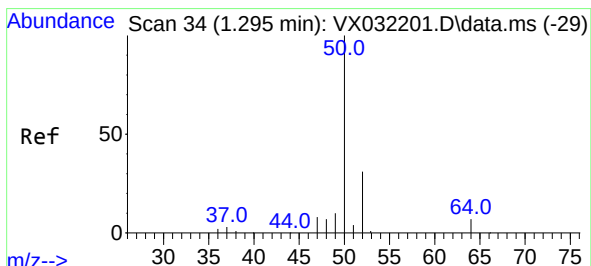
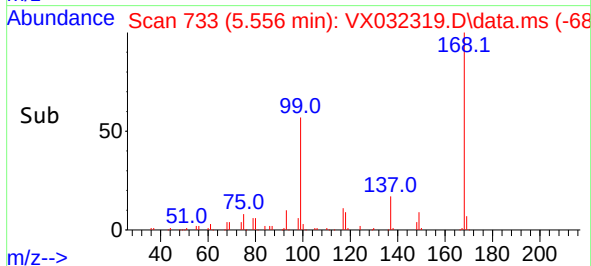
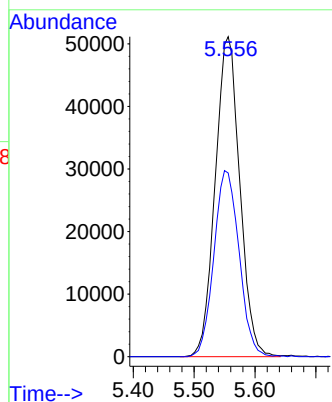
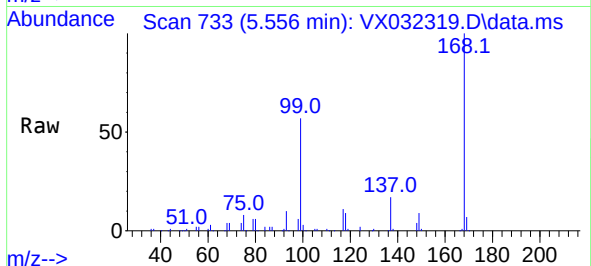




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

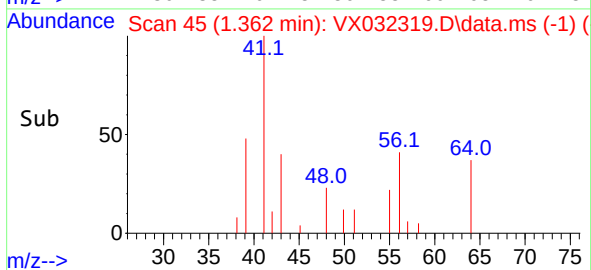
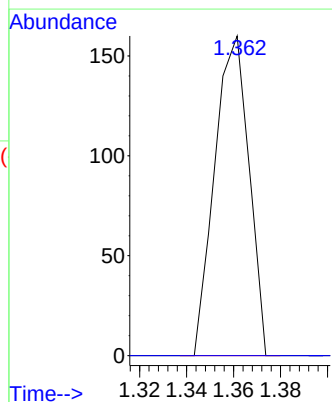
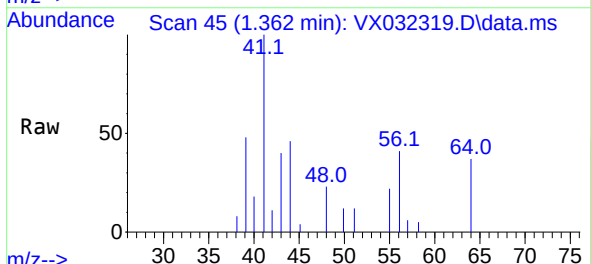
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-03-20221019

Tgt Ion:168 Resp: 143423
Ion Ratio Lower Upper
168 100
99 57.4 44.8 67.2

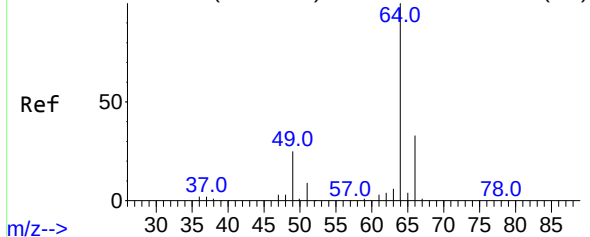


#3
Chloromethane
Concen: Below Cal
RT: 1.362 min Scan# 45
Delta R.T. 0.067 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

Tgt Ion: 50 Resp: 162
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



#6

Chloroethane

Concen: 1.992 ug/l

RT: 1.685 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX032319.D

Acq: 22 Oct 2022 04:25

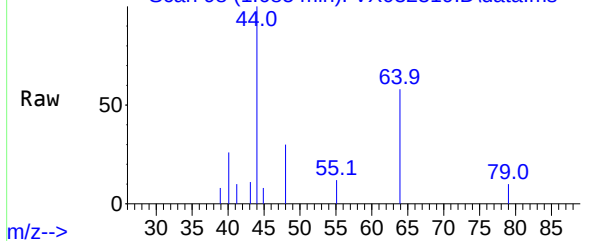
Instrument :

MSVOA_X

ClientSampleId :

FSND-FD-03-20221019

Abundance Scan 98 (1.685 min): VX032319.D\data.ms



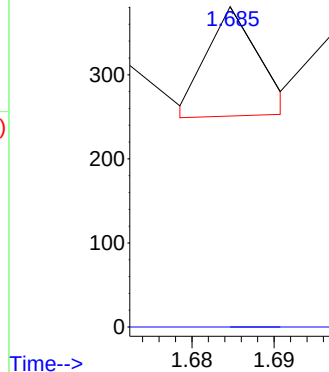
Tgt Ion: 64 Resp: 58

Ion Ratio Lower Upper

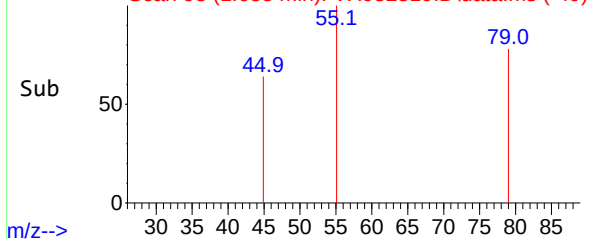
64 100

66 0.0 26.6 39.8#

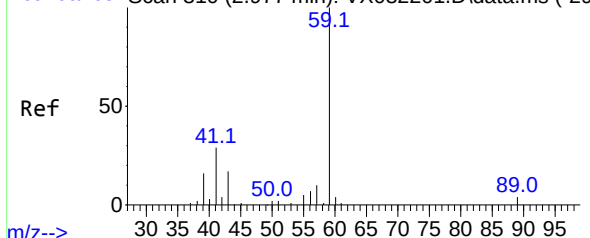
Abundance



Abundance Scan 98 (1.685 min): VX032319.D\data.ms (-49)



Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.030 min

Lab File: VX032319.D

Acq: 22 Oct 2022 04:25

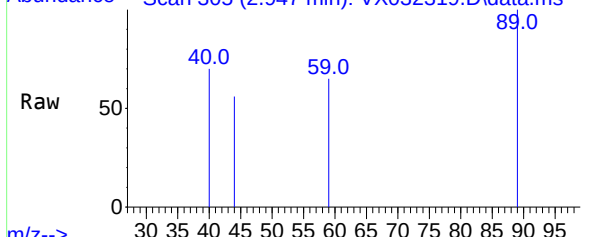
Tgt Ion: 59 Resp: 297

Ion Ratio Lower Upper

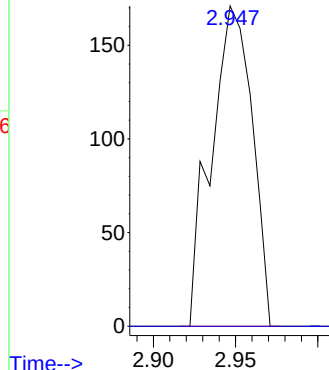
59 100

57 0.0 7.5 11.3#

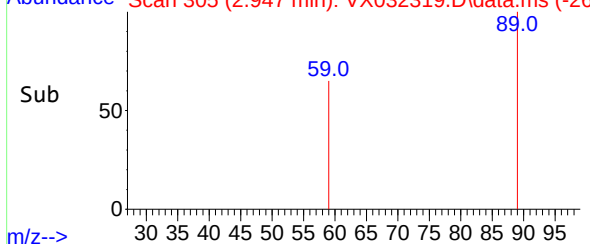
Abundance Scan 305 (2.947 min): VX032319.D\data.ms

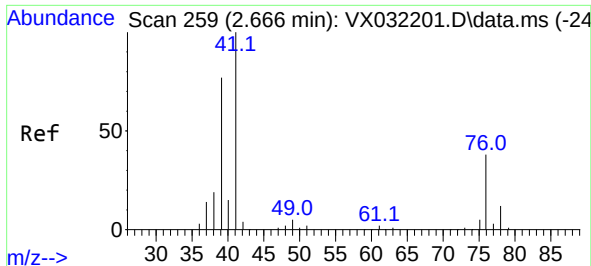


Abundance



Abundance Scan 305 (2.947 min): VX032319.D\data.ms (-26)

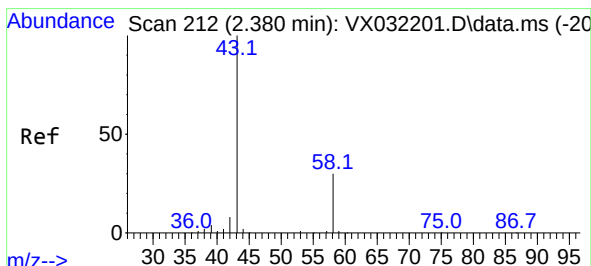
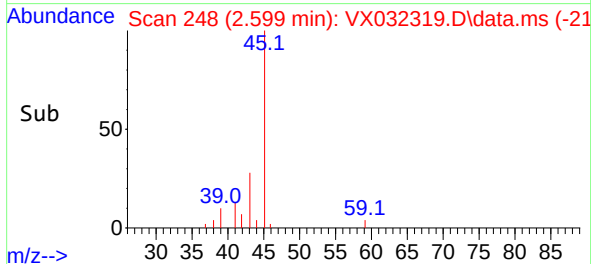
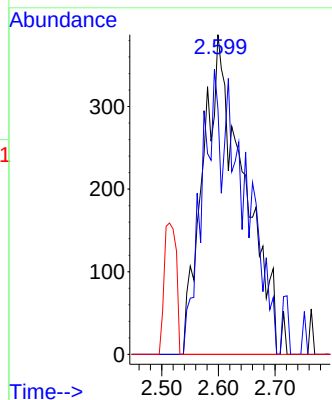
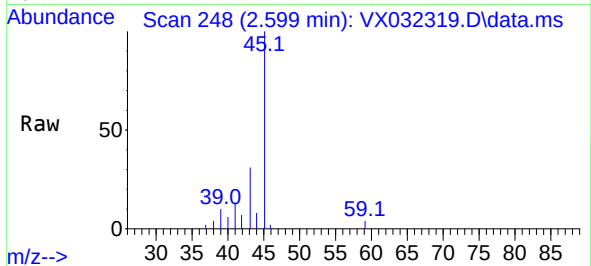




#14
 Allyl chloride
 Concen: 0.957 ug/l
 RT: 2.599 min Scan# 24
 Delta R.T. -0.067 min
 Lab File: VX032319.D
 Acq: 22 Oct 2022 04:25

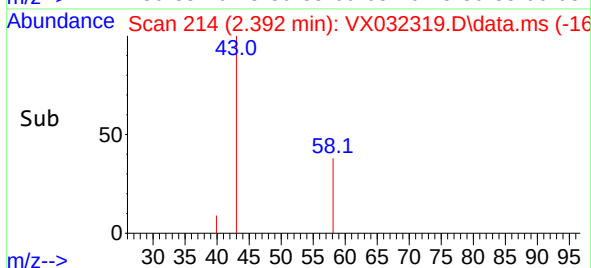
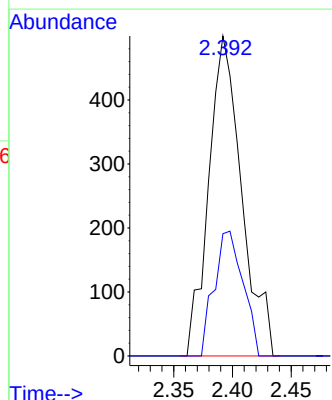
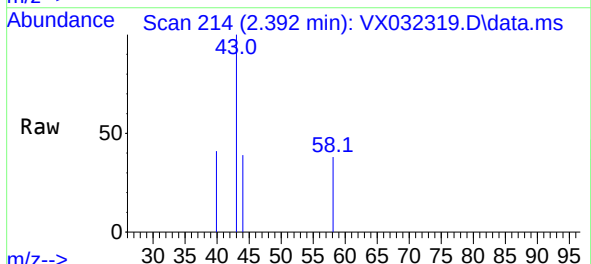
Instrument :
 MSVOA_X
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 FSND-FD-03-20221019

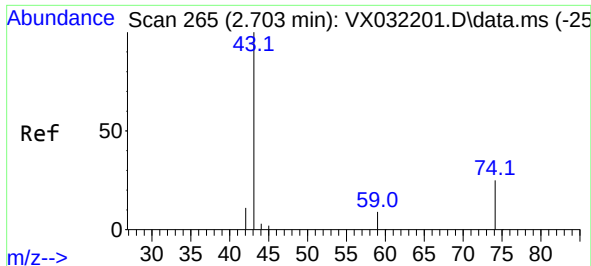
Tgt Ion: 41 Resp: 1925
 Ion Ratio Lower Upper
 41 100
 39 40.5 59.5 89.3#
 76 0.0 28.6 42.8#



#16
 Acetone
 Concen: 1.612 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.012 min
 Lab File: VX032319.D
 Acq: 22 Oct 2022 04:25

Tgt Ion: 43 Resp: 976
 Ion Ratio Lower Upper
 43 100
 58 38.2 24.2 36.2#

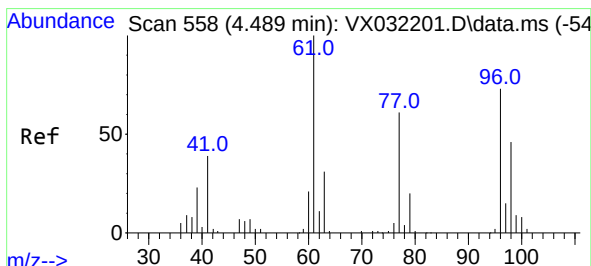
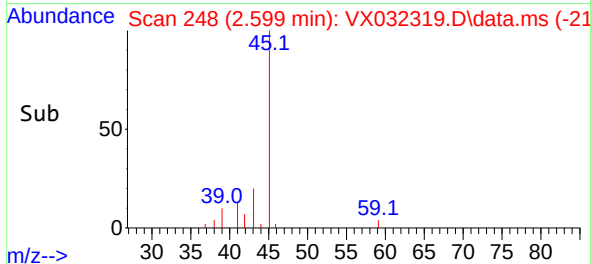
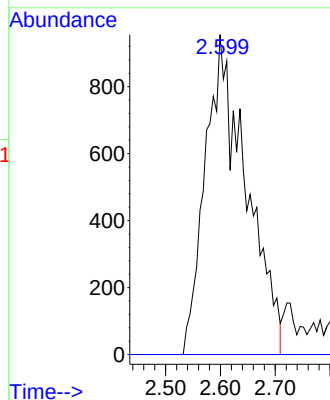
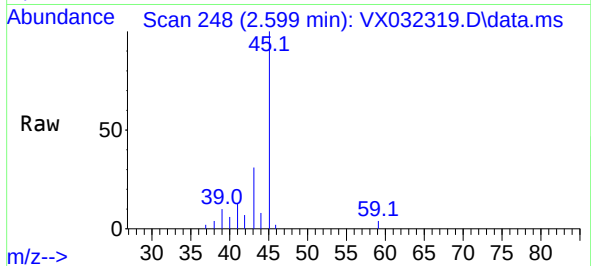




#18
Methyl Acetate
Concen: 2.407 ug/l
RT: 2.599 min Scan# 24
Delta R.T. -0.104 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

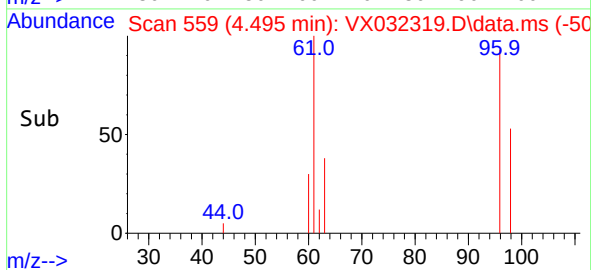
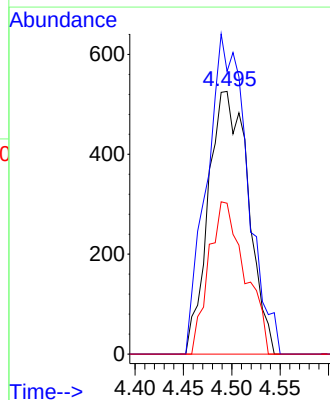
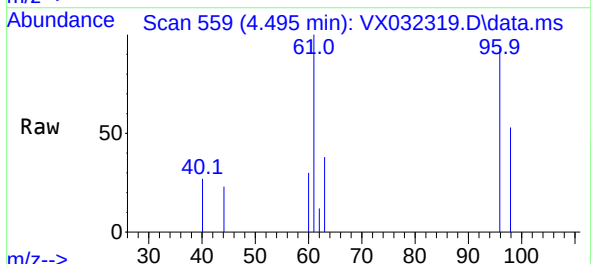
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-03-20221019

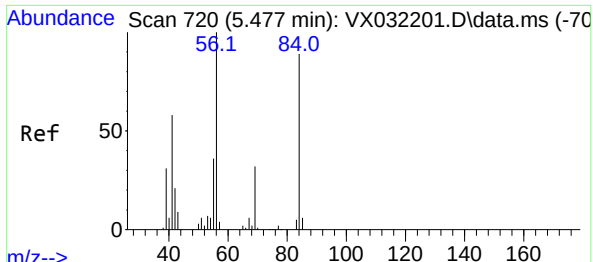
Tgt Ion: 43 Resp: 4947
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



#27
cis-1,2-Dichloroethene
Concen: 0.926 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

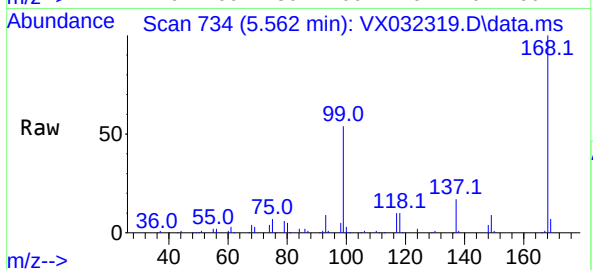
Tgt Ion: 96 Resp: 1511
Ion Ratio Lower Upper
96 100
61 123.3 0.0 279.2
98 52.7 0.0 128.0



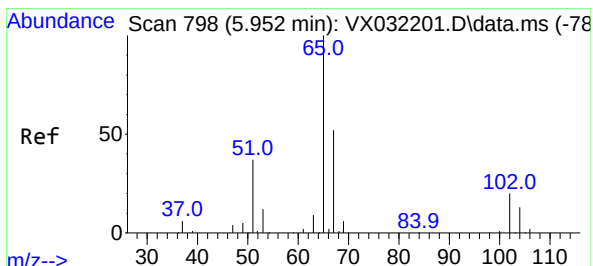
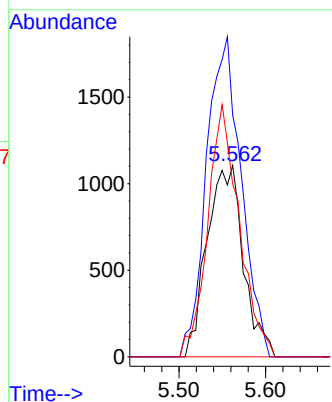
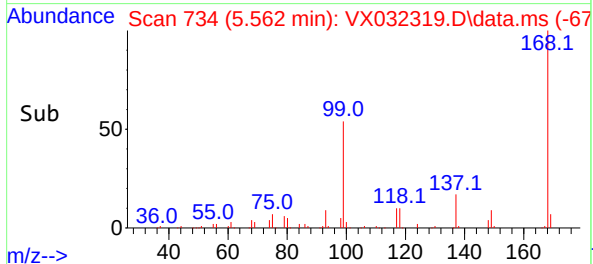


#31
Cyclohexane
Concen: 1.506 ug/l
RT: 5.562 min Scan# 713
Delta R.T. 0.085 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-03-20221019

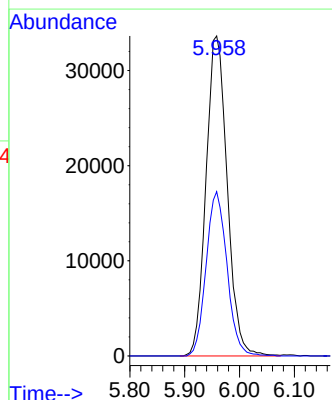
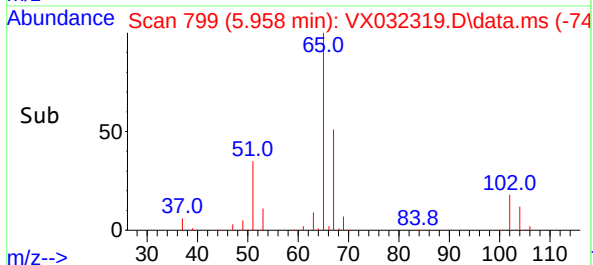
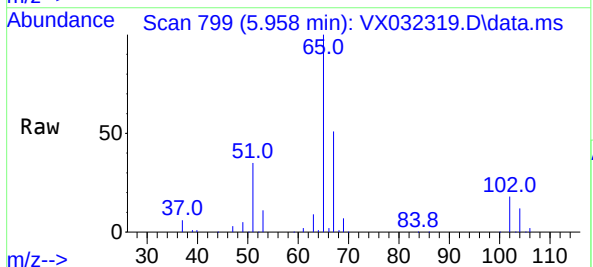


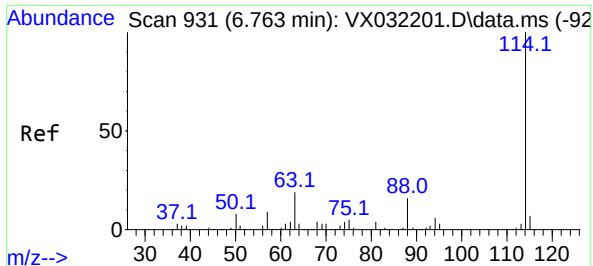
Tgt Ion: 56 Resp: 3213
Ion Ratio Lower Upper
56 100
69 126.3 25.4 38.0#
84 90.4 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 48.287 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

Tgt Ion: 65 Resp: 90093
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.6

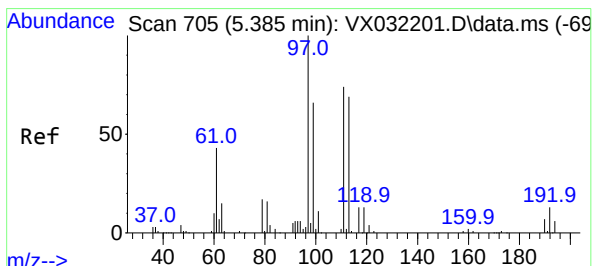
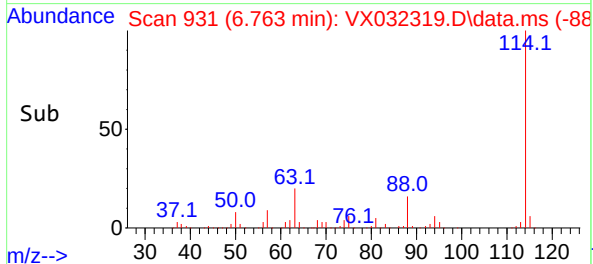
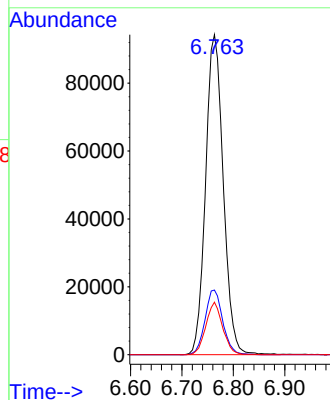
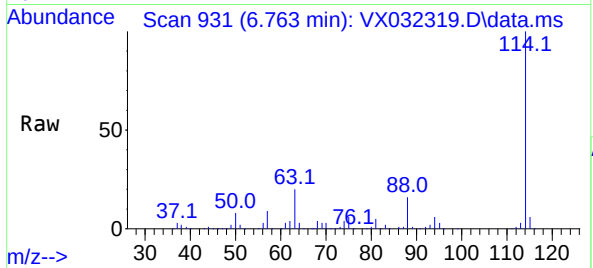




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

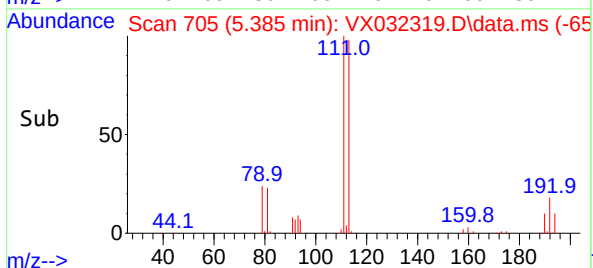
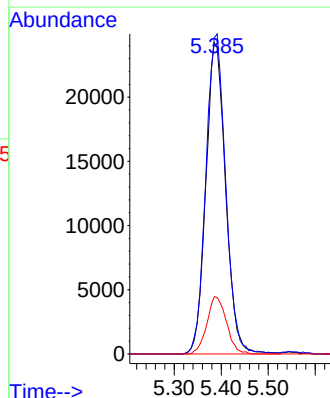
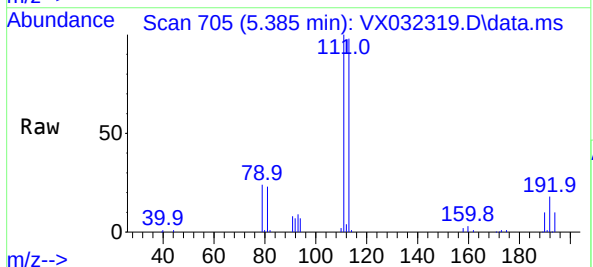
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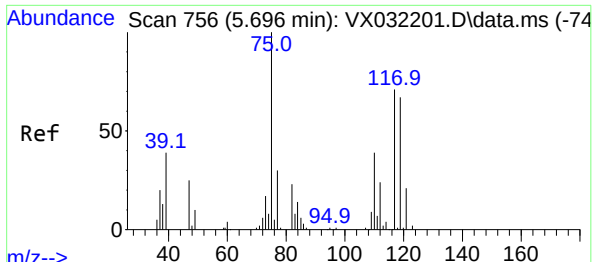
Tgt Ion:114 Resp: 225224
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.088 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

Tgt Ion:113 Resp: 70665
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 18.2 15.5 23.3





#36

1,1-Dichloropropene

Concen: 5.684 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032319.D

Acq: 22 Oct 2022 04:25

Instrument :

MSVOA_X

ClientSampleId :

FSND-FD-03-20221019

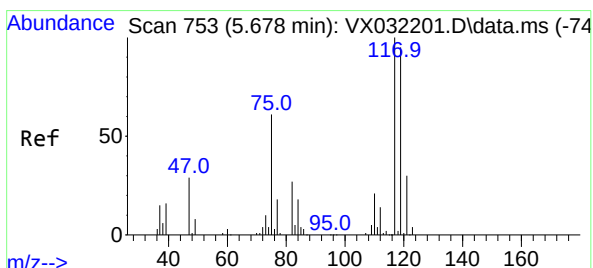
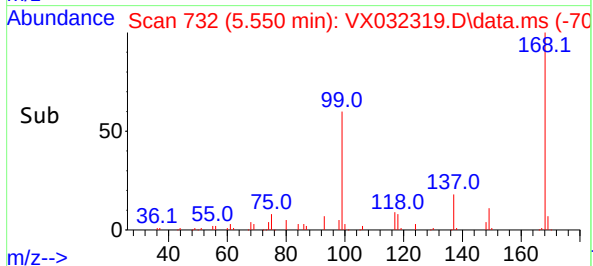
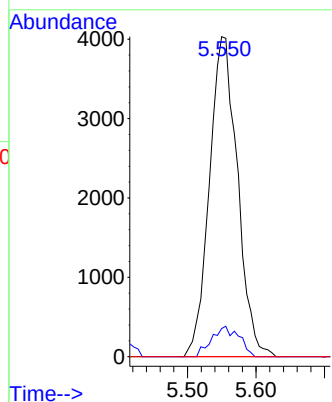
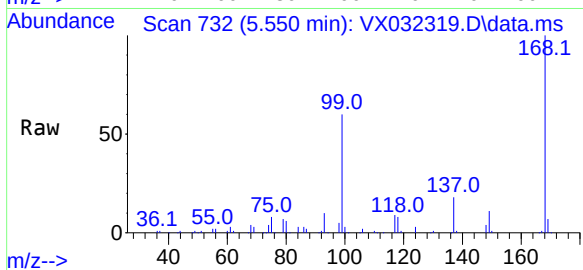
Tgt Ion: 75 Resp: 11460

Ion Ratio Lower Upper

75 100

110 9.3 18.4 55.0#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.092 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX032319.D

Acq: 22 Oct 2022 04:25

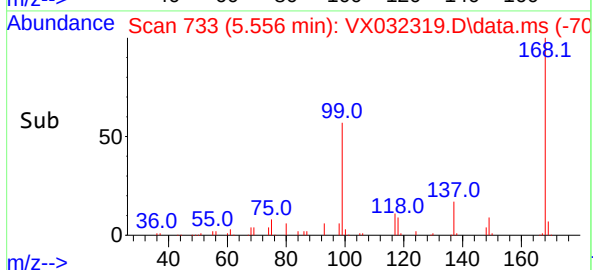
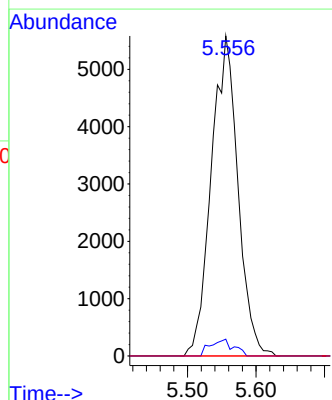
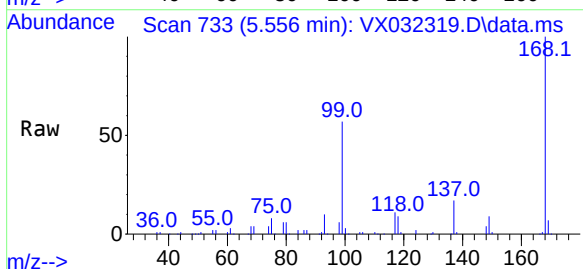
Tgt Ion: 117 Resp: 15093

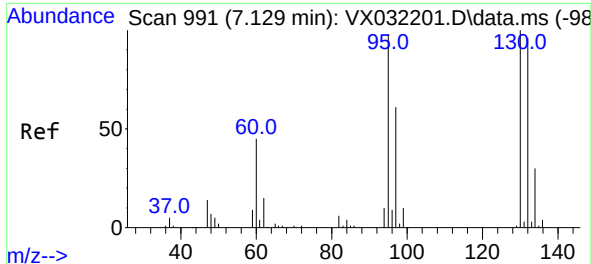
Ion Ratio Lower Upper

117 100

119 5.2 75.4 113.0#

121 0.0 23.9 35.9#





#44

Trichloroethene

Concen: 21.605 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032319.D

Acq: 22 Oct 2022 04:25

Instrument :

MSVOA_X

ClientSampleId :

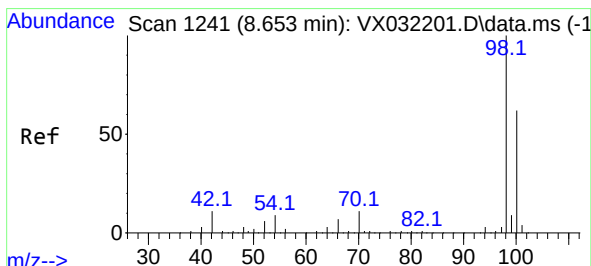
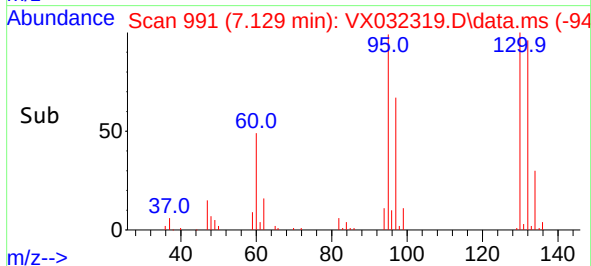
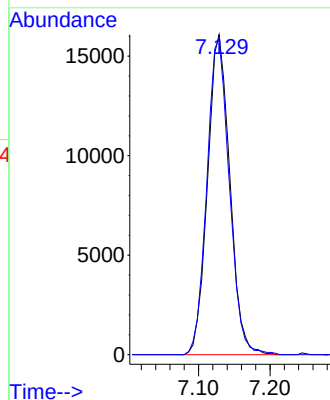
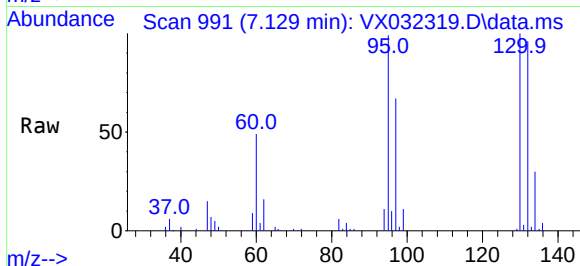
FSND-FD-03-20221019

Tgt Ion:130 Resp: 34764

Ion Ratio Lower Upper

130 100

95 98.9 0.0 196.8



#50

Toluene-d8

Concen: 46.421 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032319.D

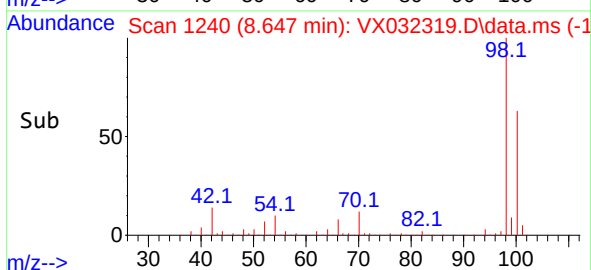
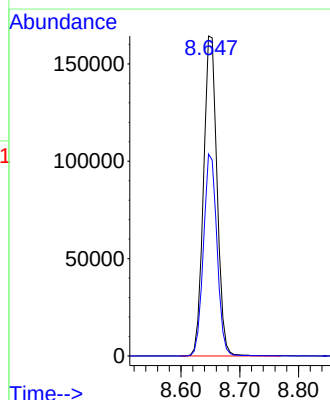
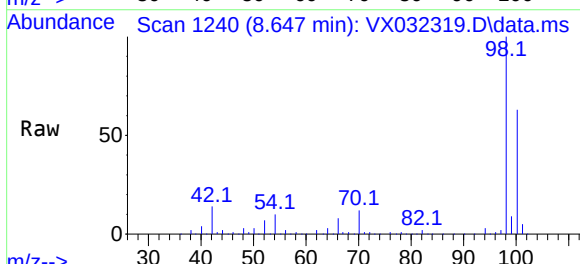
Acq: 22 Oct 2022 04:25

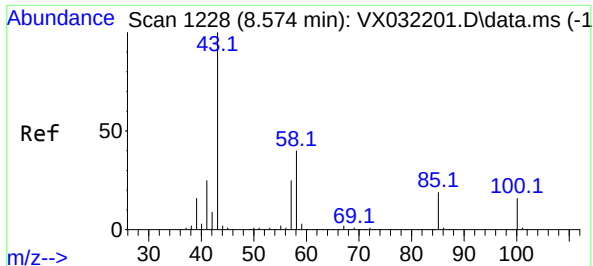
Tgt Ion: 98 Resp: 261889

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.621 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032319.D

Acq: 22 Oct 2022 04:25

Instrument :

MSVOA_X

ClientSampleId :

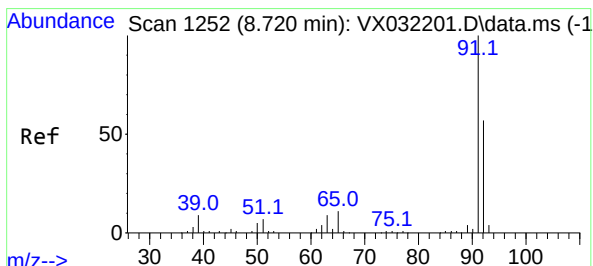
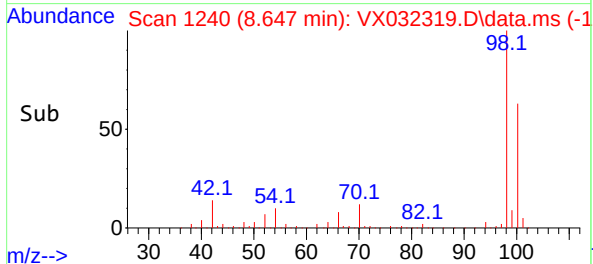
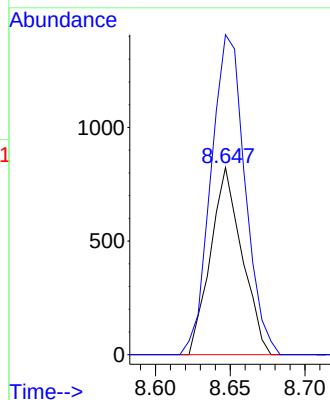
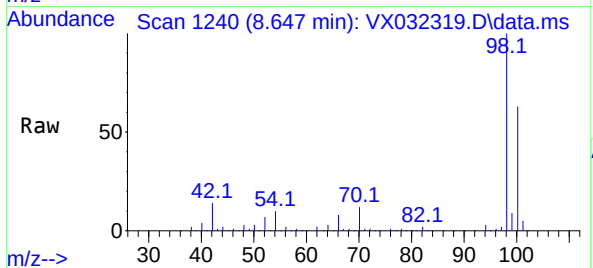
FSND-FD-03-20221019

Tgt Ion: 43 Resp: 1206

Ion Ratio Lower Upper

43 100

58 185.3 31.0 46.4#



#52

Toluene

Concen: 0.693 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032319.D

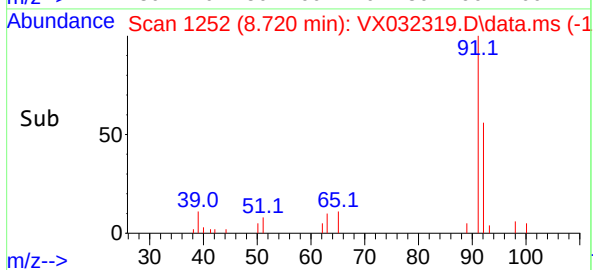
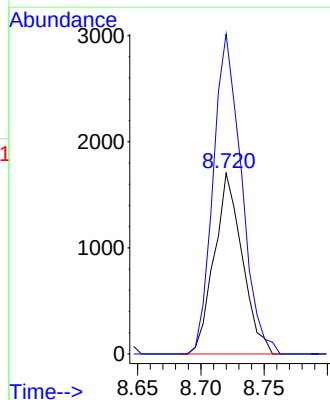
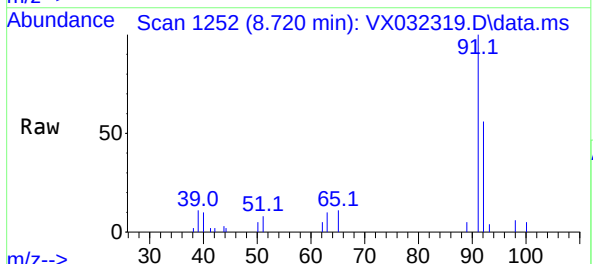
Acq: 22 Oct 2022 04:25

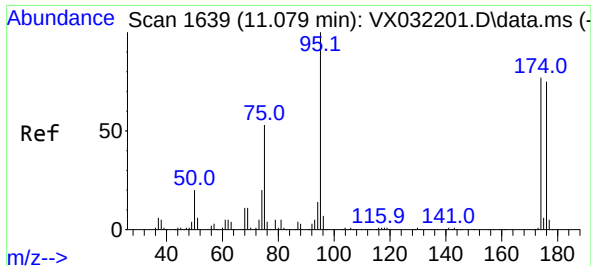
Tgt Ion: 92 Resp: 2624

Ion Ratio Lower Upper

92 100

91 178.7 140.3 210.5

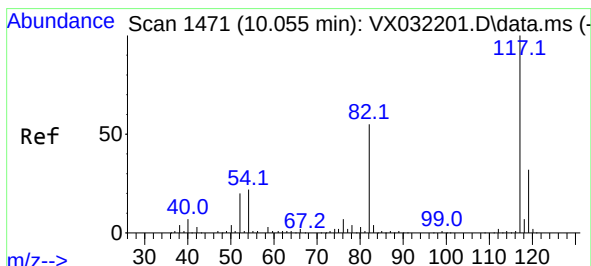
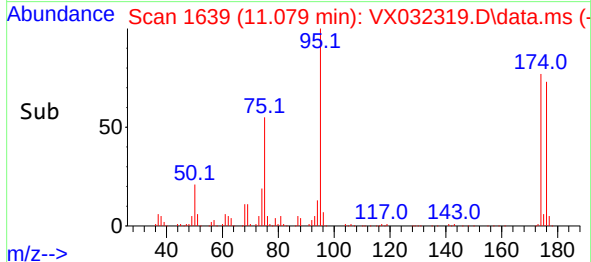
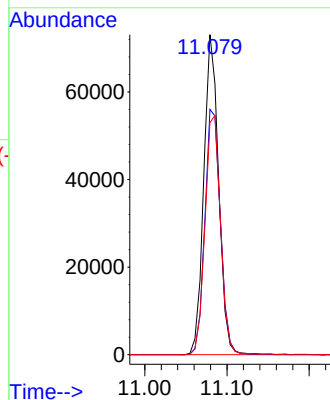
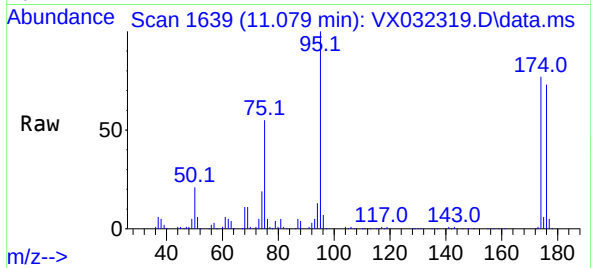




#62
4-Bromofluorobenzene
Concen: 44.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

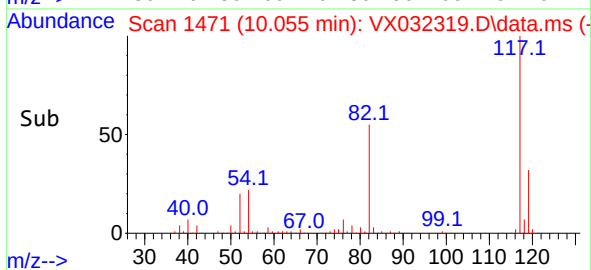
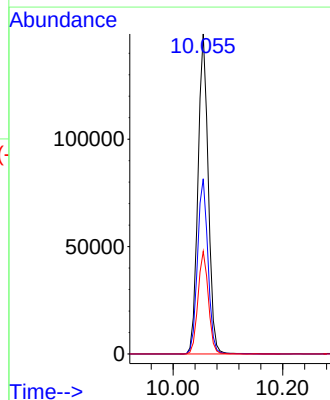
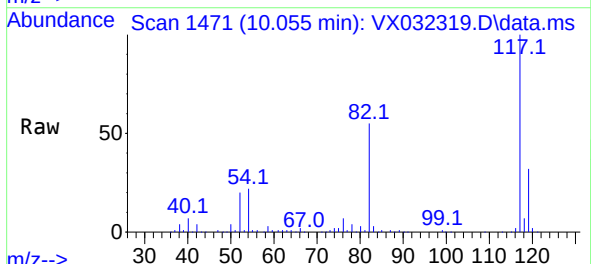
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-03-20221019

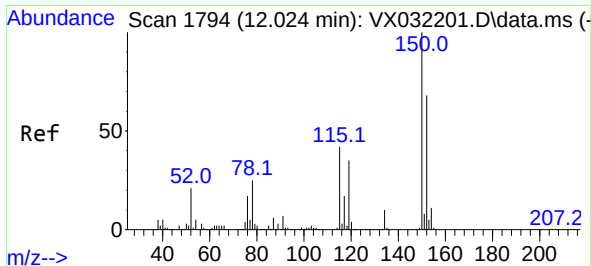
Tgt Ion: 95 Resp: 91740
Ion Ratio Lower Upper
95 100
174 80.4 0.0 166.8
176 78.3 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

Tgt Ion: 117 Resp: 195121
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 32.0 25.8 38.8

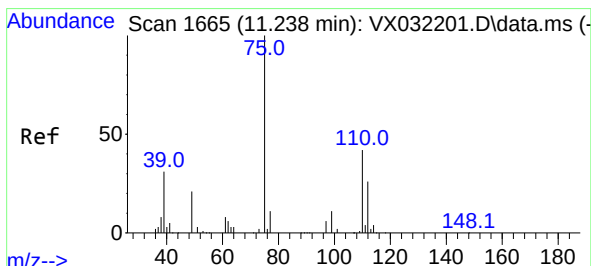
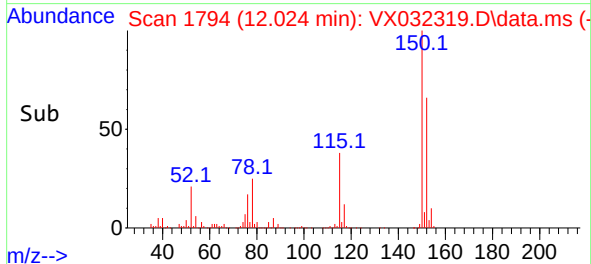
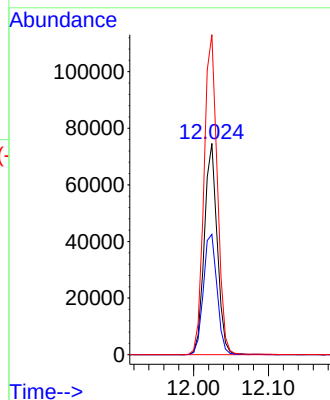
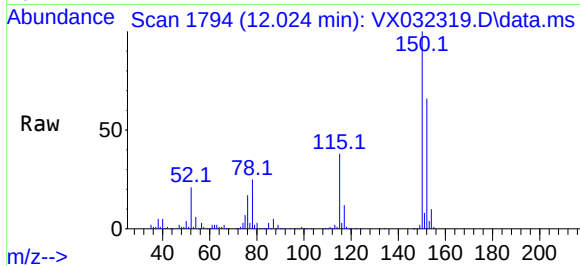




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

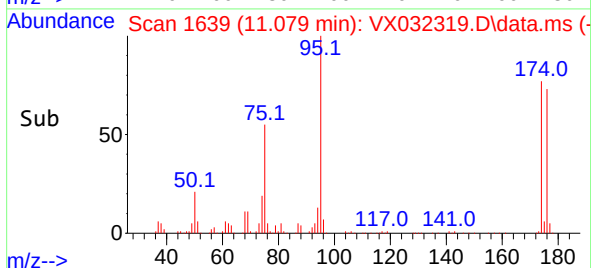
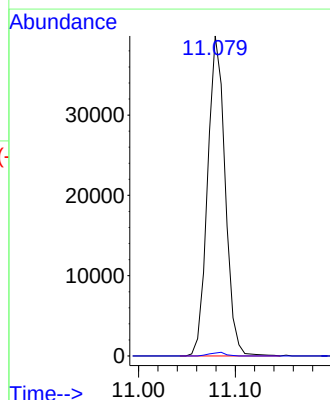
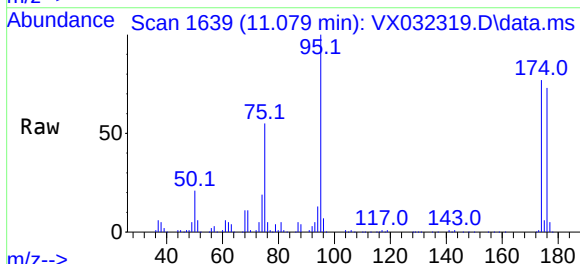
Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-03-20221019

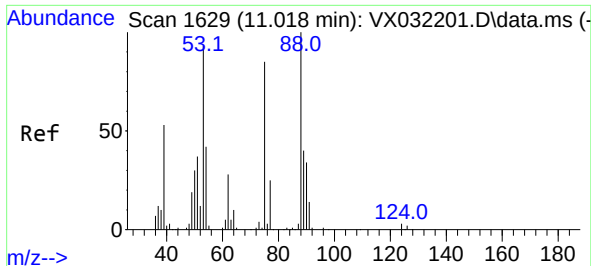
Tgt Ion:152 Resp: 89371
Ion Ratio Lower Upper
152 100
115 60.5 43.1 129.4
150 156.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.458 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

Tgt Ion: 75 Resp: 50394
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.229 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032319.D
Acq: 22 Oct 2022 04:25

Instrument :
MSVOA_X
ClientSampleId :
FSND-FD-03-20221019

Tgt Ion: 75 Resp: 50394
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

