

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032363.D
 Acq On : 25 Oct 2022 14:49
 Operator : JC/MD
 Sample : N5249-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-26-20221019

Quant Time: Oct 27 14:17:20 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)

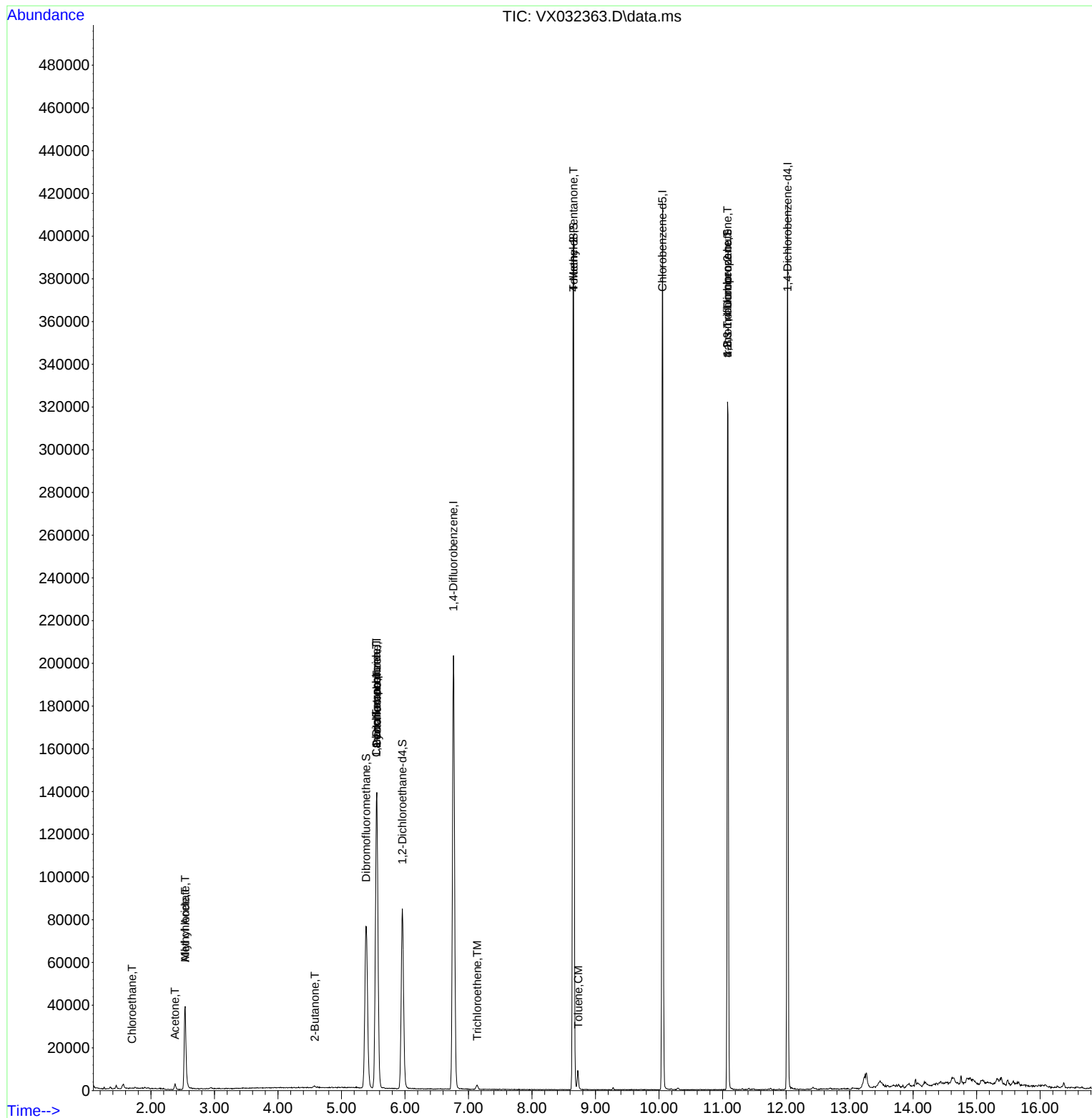
Internal Standards						
1) Pentafluorobenzene	5.556	168	129214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82139	48.865	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.720%
35) Dibromofluoromethane	5.385	113	67059	47.119	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	8.653	98	238210	46.498	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.000%
62) 4-Bromofluorobenzene	11.079	95	83752	44.645	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.280%
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	65	2.002	ug/l #	41
11) Tert butyl alcohol	2.947	59	304	Below Cal	#	74
14) Allyl chloride	2.538	41	4415	2.437	ug/l #	64
16) Acetone	2.380	43	2806	5.144	ug/l	95
18) Methyl Acetate	2.538	43	12701	6.858	ug/l #	50
25) 2-Butanone	4.580	43	425	0.499	ug/l #	48
31) Cyclohexane	5.556	56	2884	1.501	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	10100	5.517	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13377	6.922	ug/l #	17
44) Trichloroethene	7.135	130	860	0.589	ug/l	77
51) 4-Methyl-2-Pentanone	8.653	43	1181	0.670	ug/l #	1
52) Toluene	8.726	92	3185	0.927	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	45516	27.551	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	45516	84.538	ug/l #	6

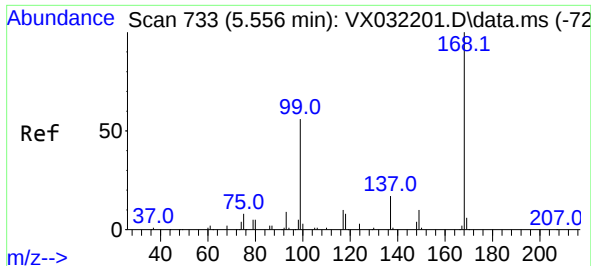
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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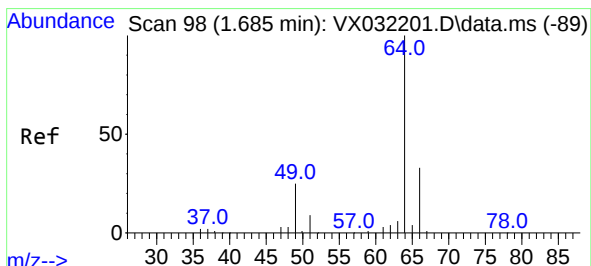
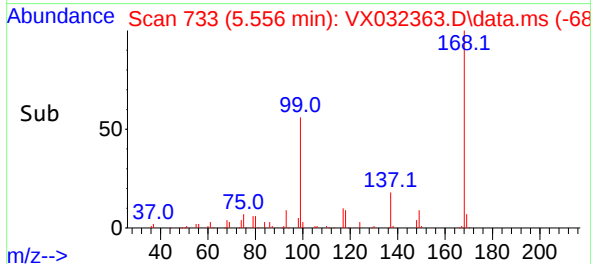
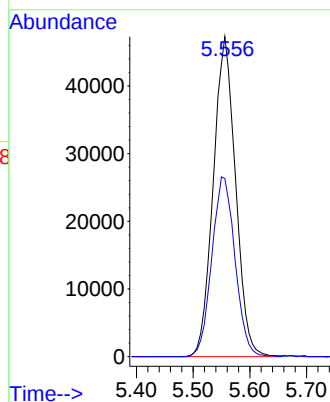
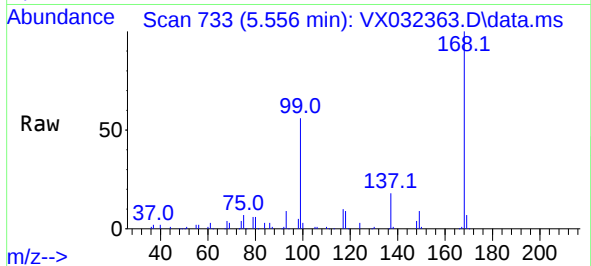




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

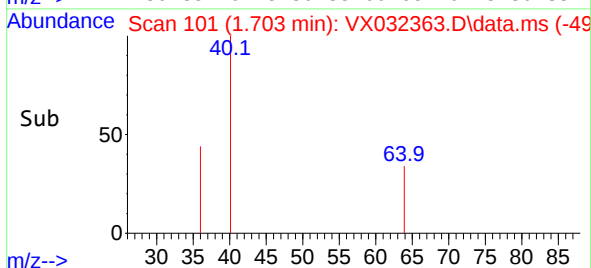
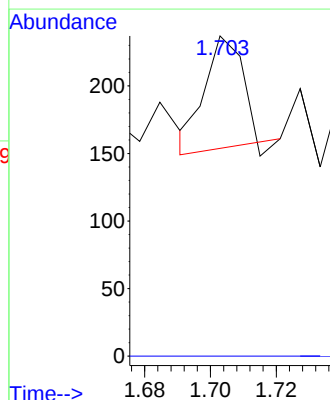
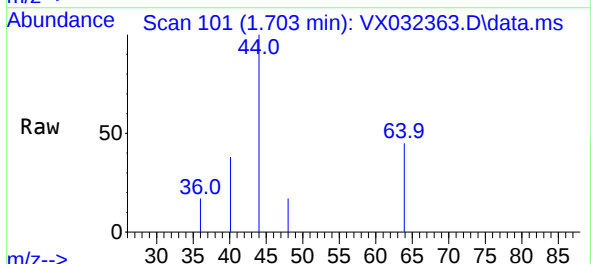
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-26-20221019

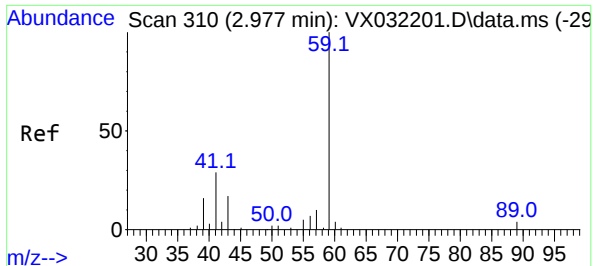
Tgt Ion:168 Resp: 129214
Ion Ratio Lower Upper
168 100
99 55.6 44.8 67.2



#6
Chloroethane
Concen: 2.002 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

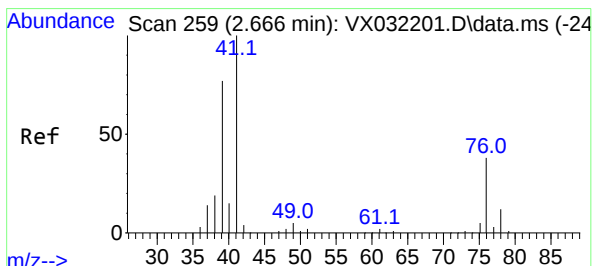
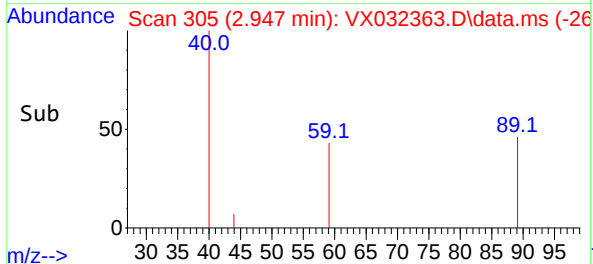
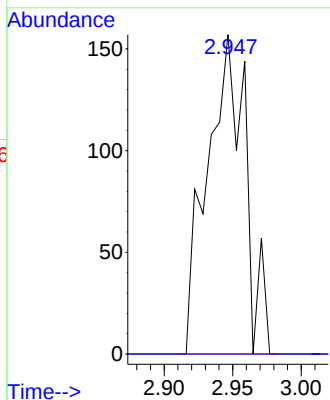
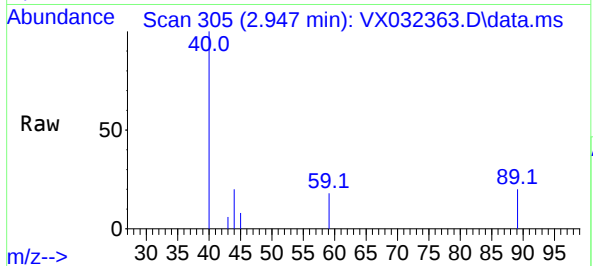




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

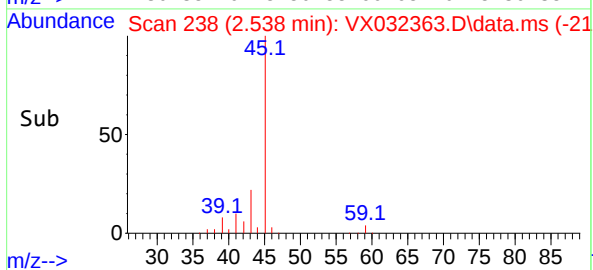
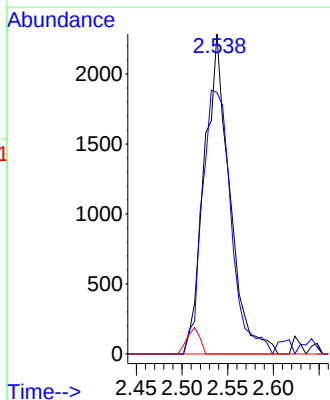
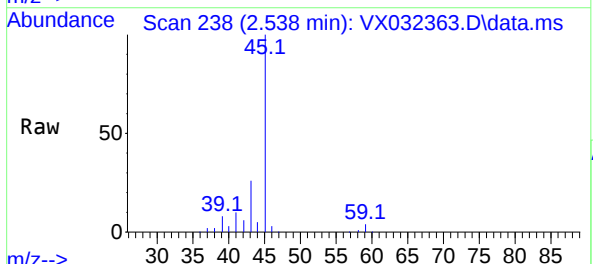
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-26-20221019

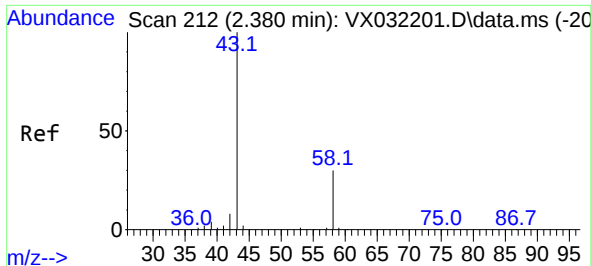
Tgt Ion: 59 Resp: 304
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



#14
Allyl chloride
Concen: 2.437 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.128 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

Tgt Ion: 41 Resp: 4415
Ion Ratio Lower Upper
41 100
39 94.2 59.5 89.3#
76 0.0 28.6 42.8#

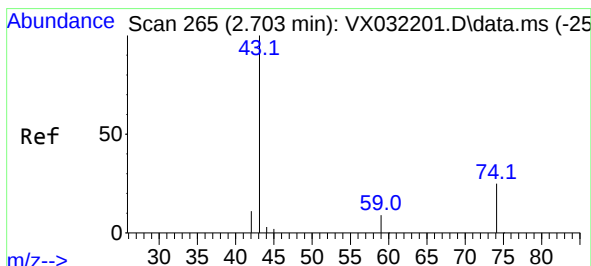
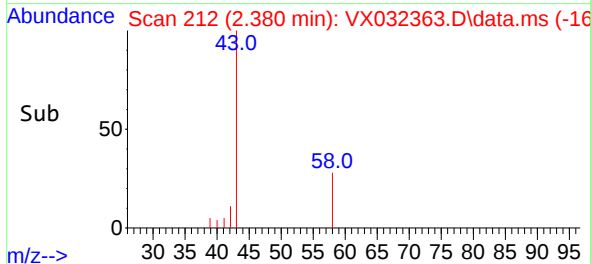
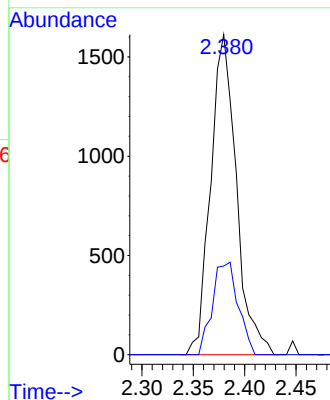
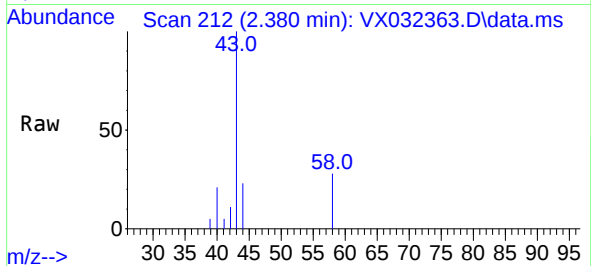




#16
Acetone
Concen: 5.144 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

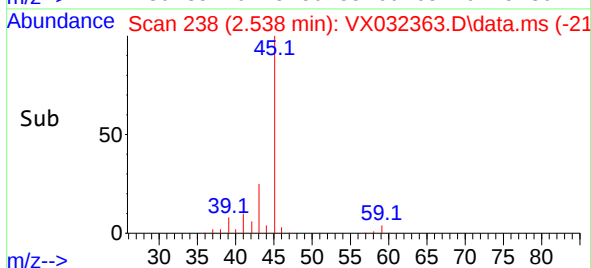
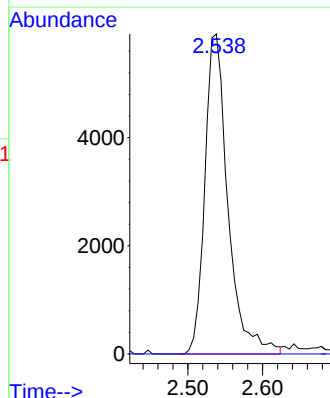
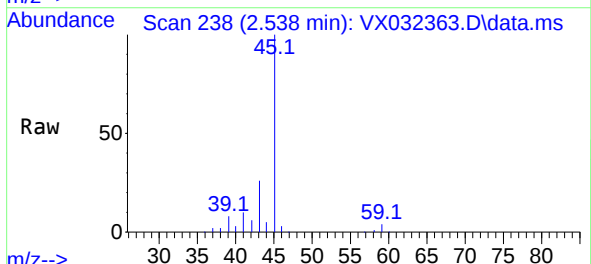
Instrument : MSVOA_X
ClientSampleId : FSND-MW-26-20221019

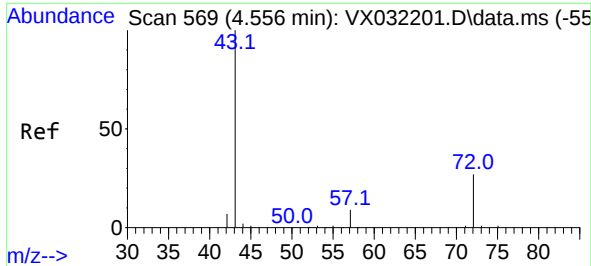
Tgt Ion: 43 Resp: 2806
Ion Ratio Lower Upper
43 100
58 27.7 24.2 36.2



#18
Methyl Acetate
Concen: 6.858 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.165 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

Tgt Ion: 43 Resp: 12701
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#





#25

2-Butanone

Concen: 0.499 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX032363.D

Acq: 25 Oct 2022 14:49

Instrument :

MSVOA_X

ClientSampleId :

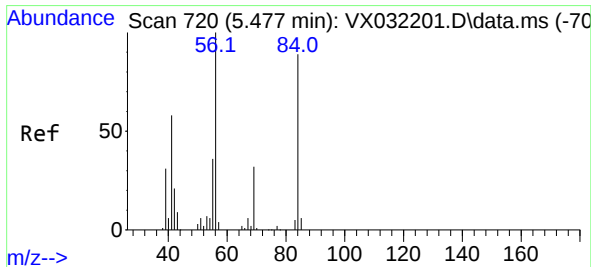
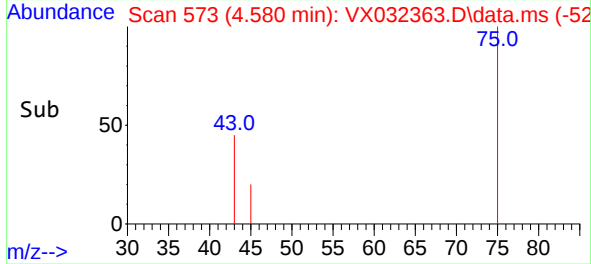
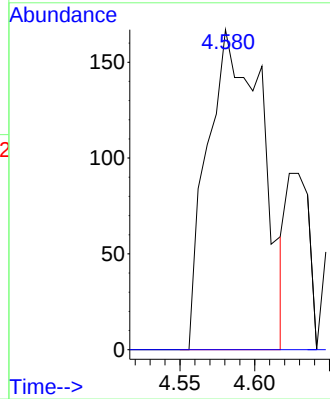
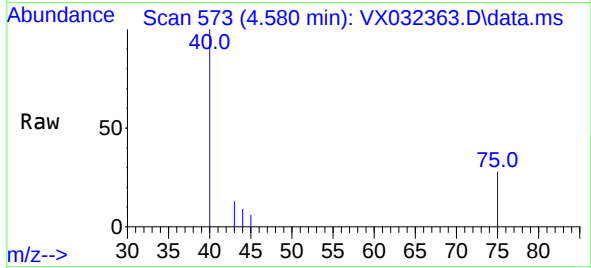
FSND-MW-26-20221019

Tgt Ion: 43 Resp: 425

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 1.501 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX032363.D

Acq: 25 Oct 2022 14:49

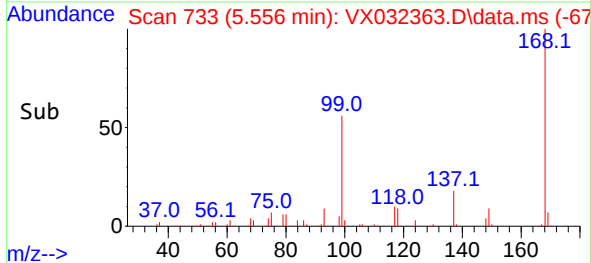
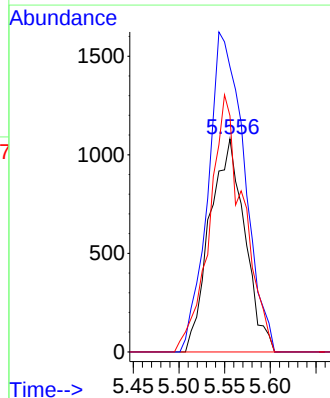
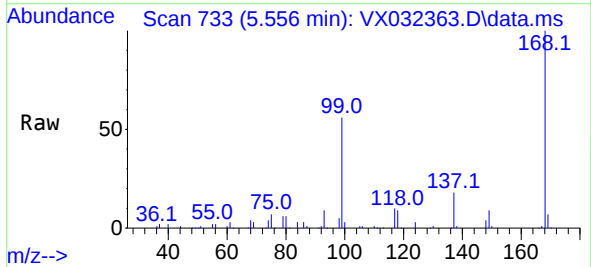
Tgt Ion: 56 Resp: 2884

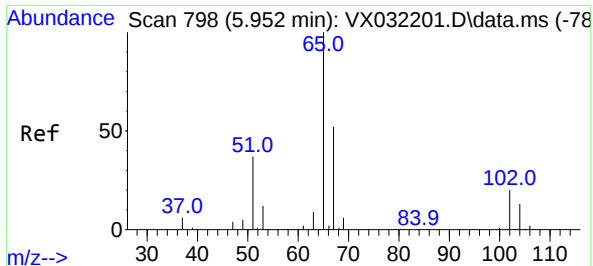
Ion Ratio Lower Upper

56 100

69 133.8 25.4 38.0#

84 110.8 71.2 106.8#





#33

1,2-Dichloroethane-d4

Concen: 48.865 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032363.D

Acq: 25 Oct 2022 14:49

Instrument :

MSVOA_X

ClientSampleId :

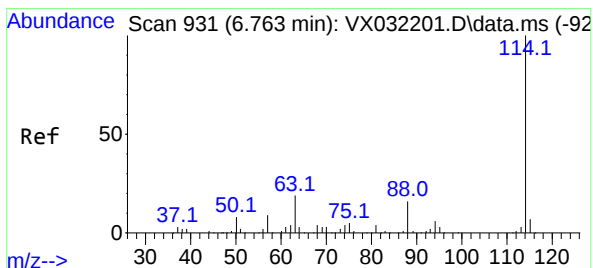
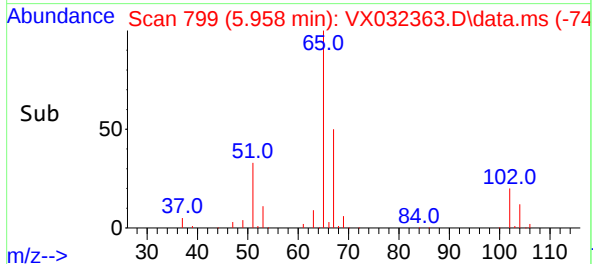
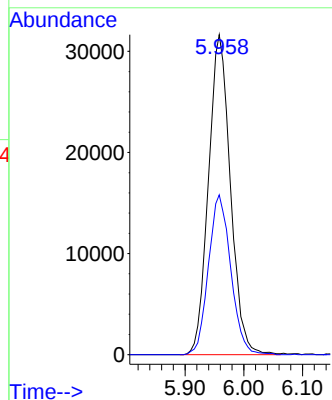
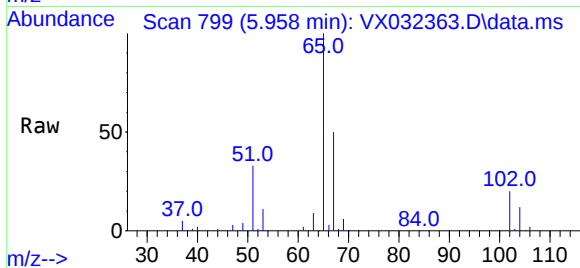
FSND-MW-26-20221019

Tgt Ion: 65 Resp: 82139

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032363.D

Acq: 25 Oct 2022 14:49

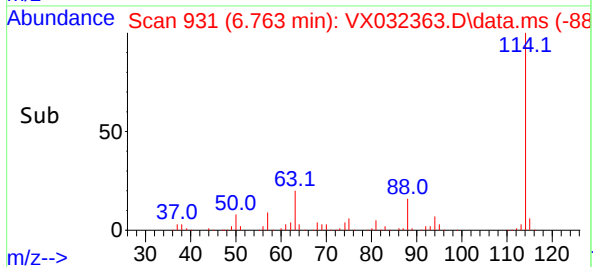
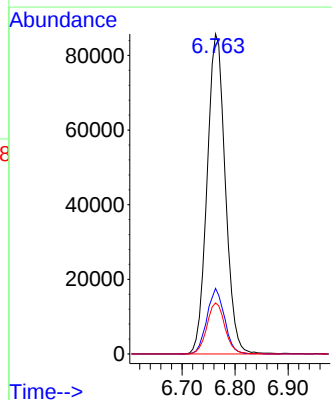
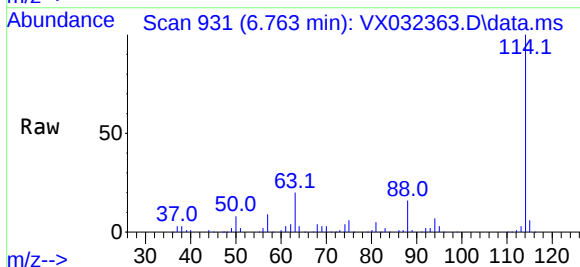
Tgt Ion: 114 Resp: 204519

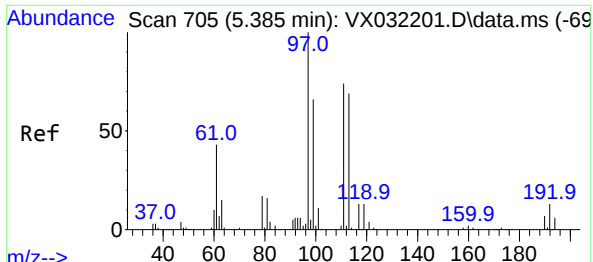
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.6

88 16.0 0.0 32.6

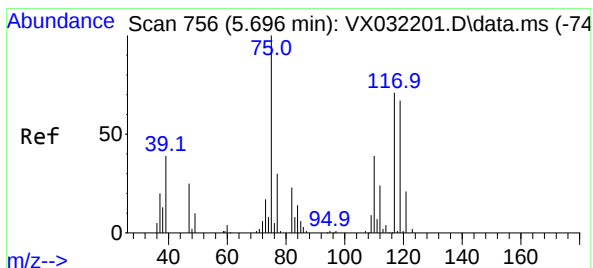
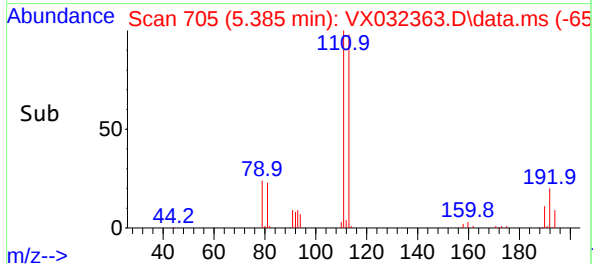
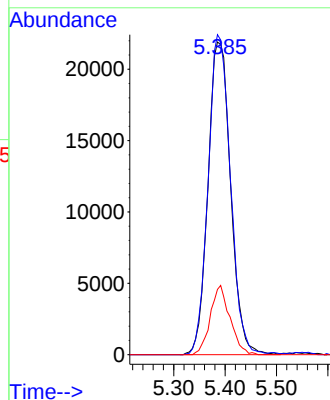
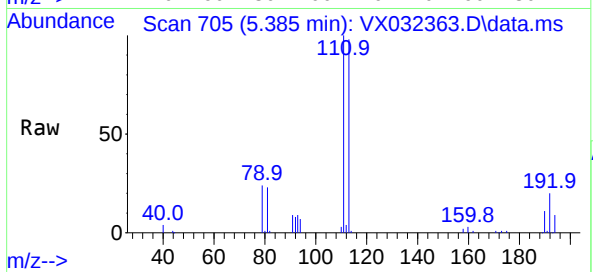




#35
Dibromofluoromethane
Concen: 47.119 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

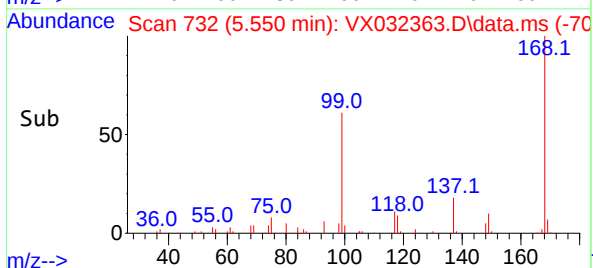
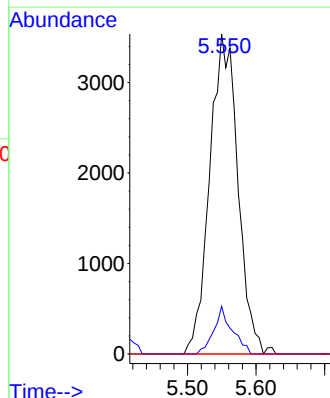
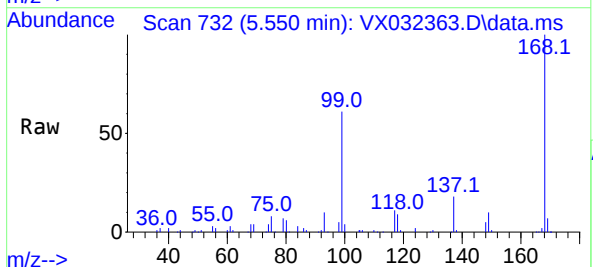
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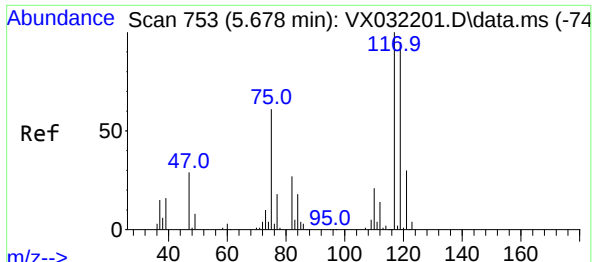
Tgt Ion:	113	Resp:	67059
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.8	124.2
192	19.3	15.5	23.3



#36
1,1-Dichloropropene
Concen: 5.517 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

Tgt Ion:	75	Resp:	10100
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.4	55.0#
77	0.0	24.7	37.1#

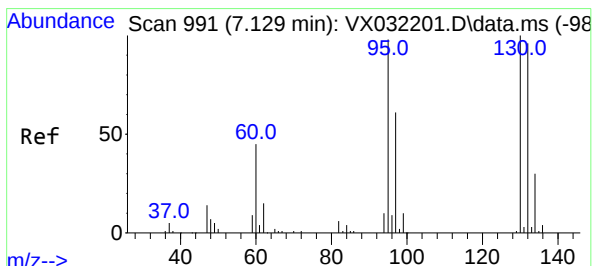
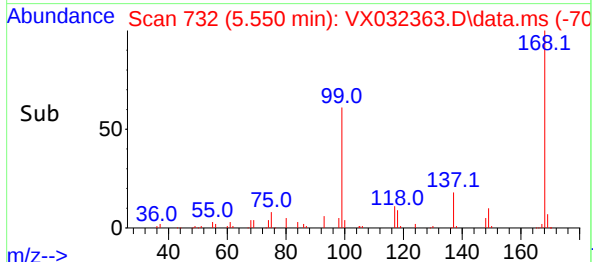
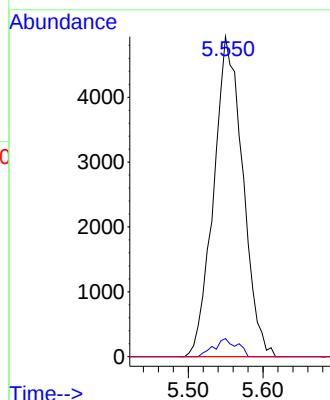
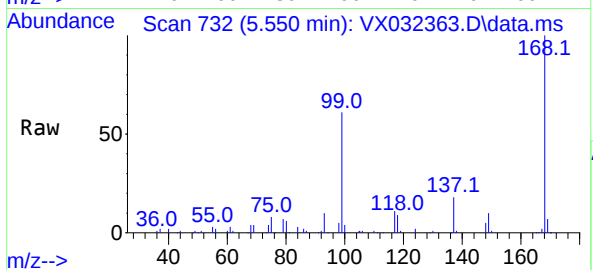




#38
Carbon Tetrachloride
Concen: 6.922 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

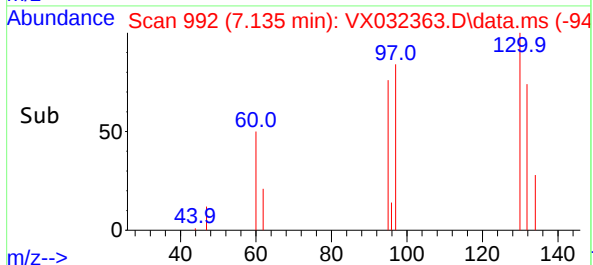
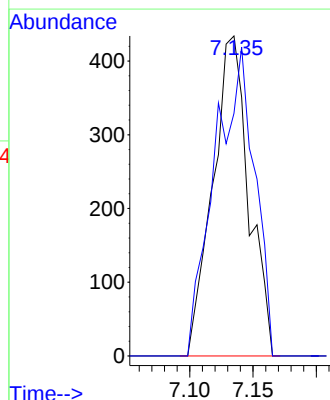
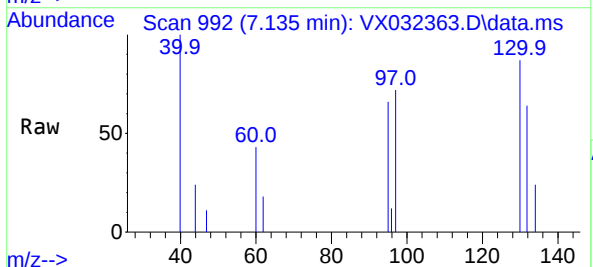
Instrument :
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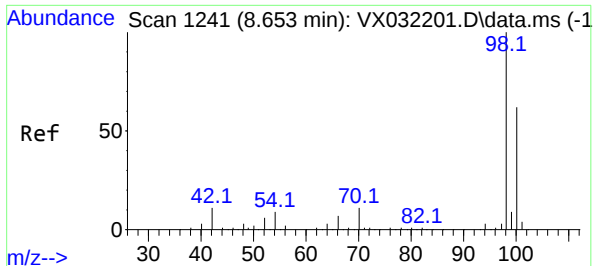
Tgt Ion:117 Resp: 13377
Ion Ratio Lower Upper
117 100
119 5.7 75.4 113.0#
121 0.0 23.9 35.9#



#44
Trichloroethene
Concen: 0.589 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

Tgt Ion:130 Resp: 860
Ion Ratio Lower Upper
130 100
95 75.8 0.0 196.8

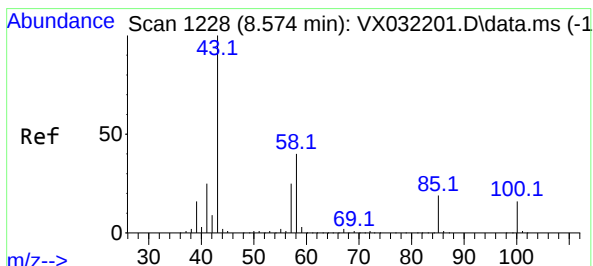
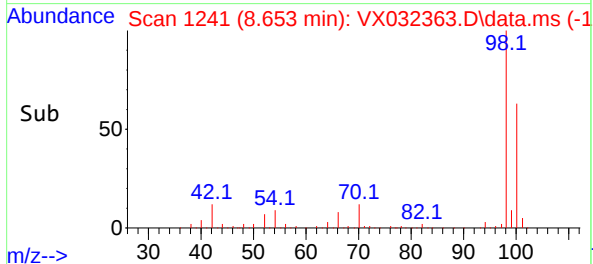
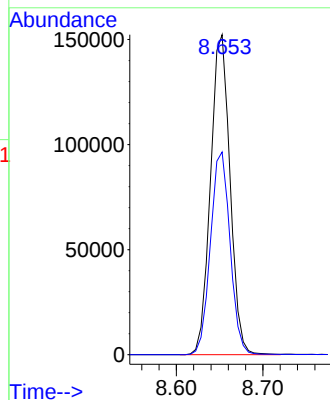
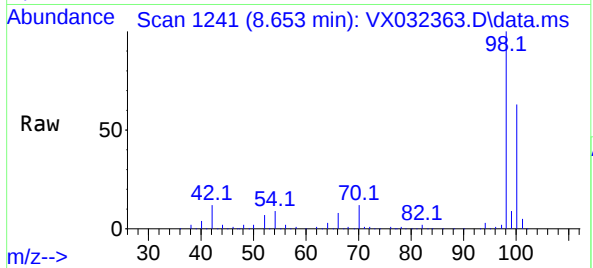




#50
Toluene-d8
Concen: 46.498 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

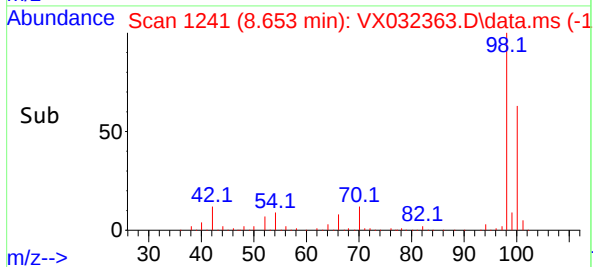
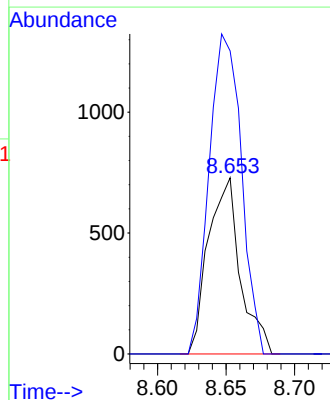
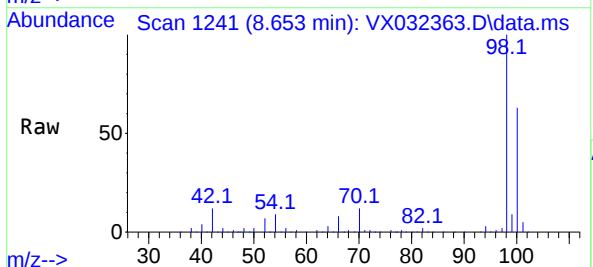
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-26-20221019

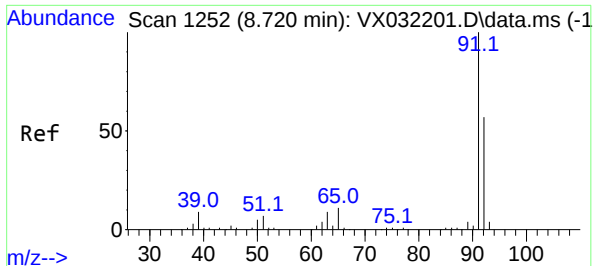
Tgt Ion: 98 Resp: 238210
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.670 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
58 183.4 31.0 46.4

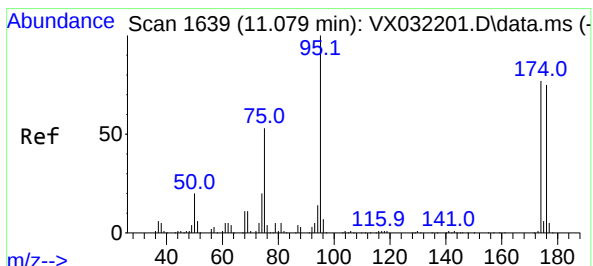
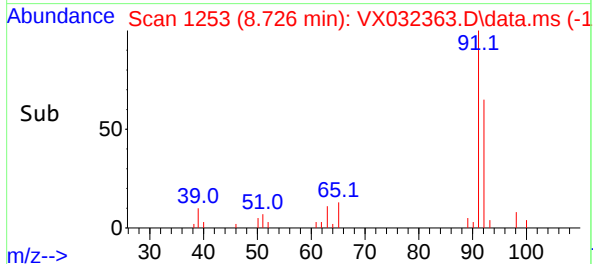
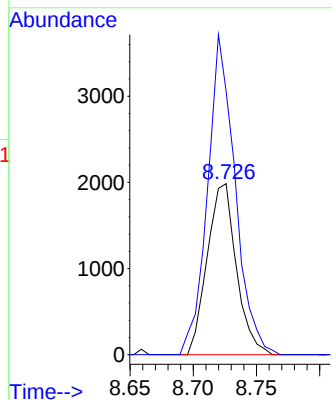
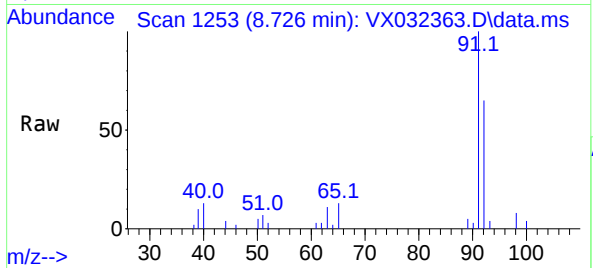




#52
Toluene
Concen: 0.927 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

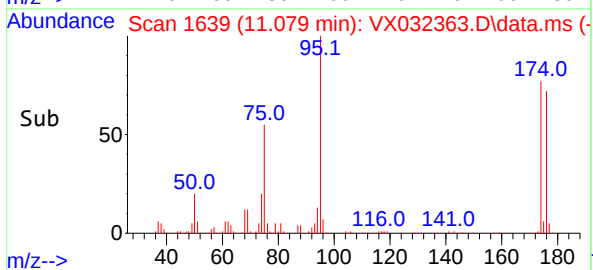
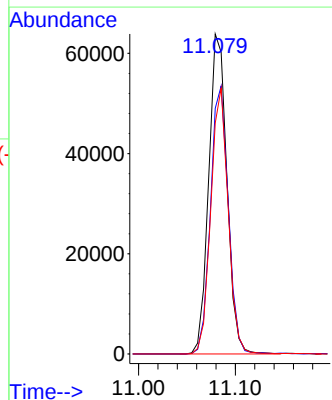
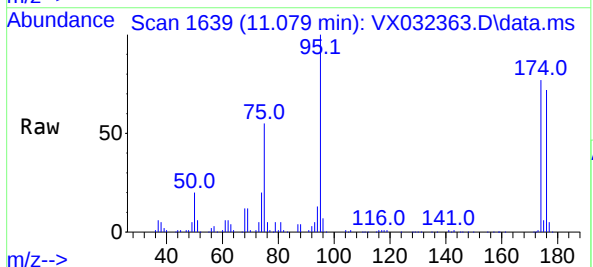
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-26-20221019

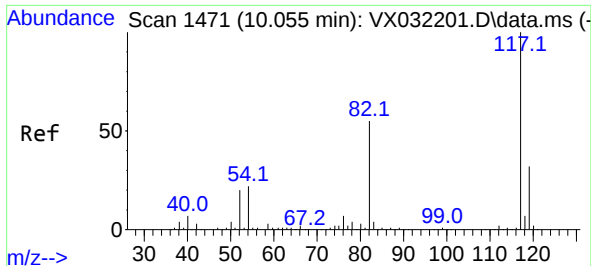
Tgt Ion: 92 Resp: 3185
Ion Ratio Lower Upper
92 100
91 177.0 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 44.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

Tgt Ion: 95 Resp: 83752
Ion Ratio Lower Upper
95 100
174 82.0 0.0 166.8
176 79.1 0.0 161.4

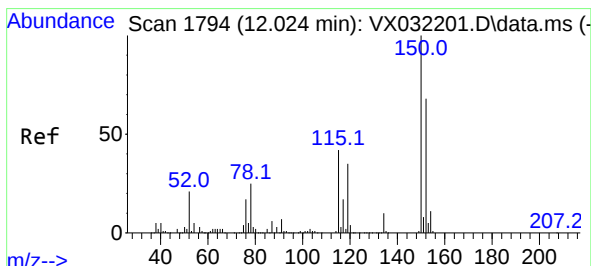
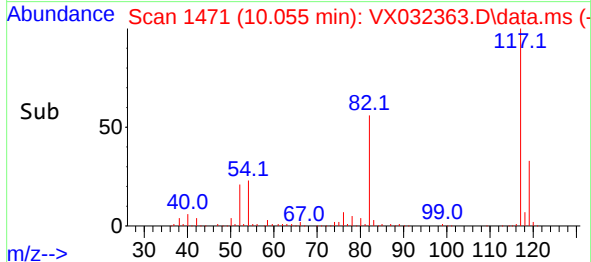
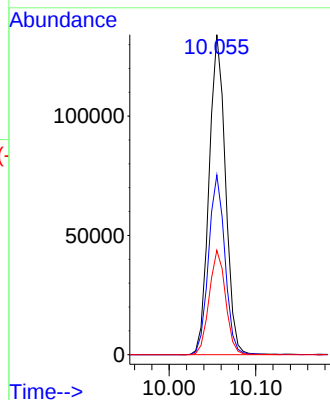
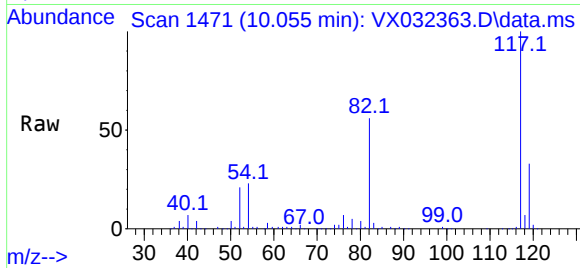




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

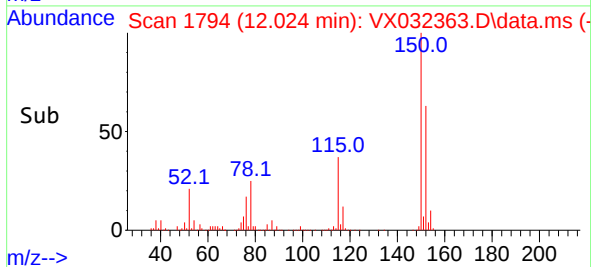
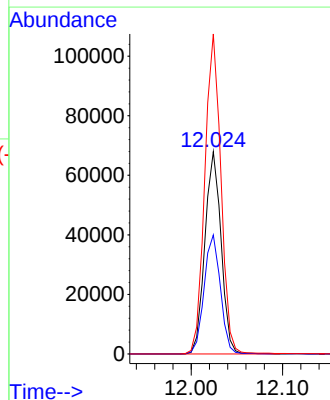
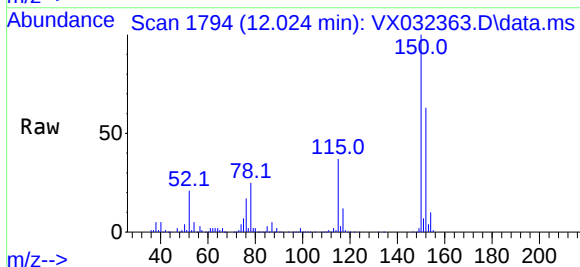
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-26-20221019

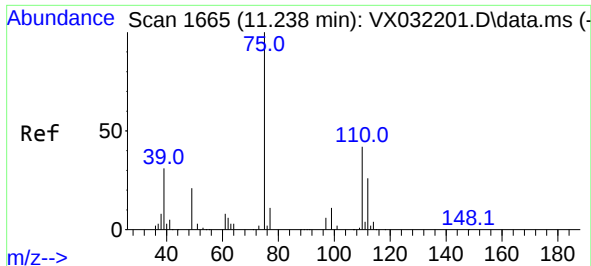
Tgt Ion:117 Resp: 176261
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.4
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

Tgt Ion:152 Resp: 83377
Ion Ratio Lower Upper
152 100
115 59.3 43.1 129.4
150 157.9 0.0 348.6

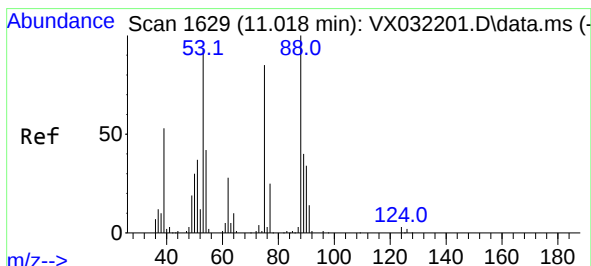
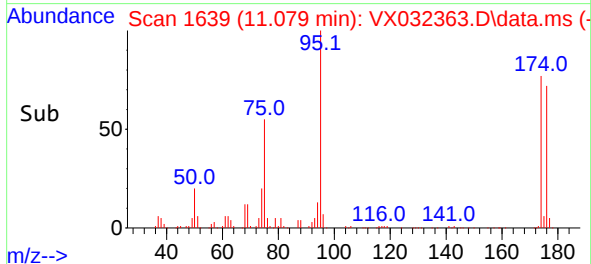
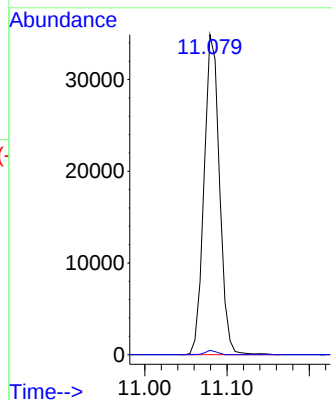
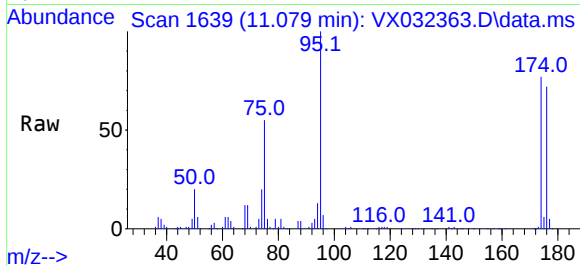




#76
1,2,3-Trichloropropane
Concen: 27.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-26-20221019

Tgt Ion: 75 Resp: 45516
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032363.D
Acq: 25 Oct 2022 14:49

Tgt Ion: 75 Resp: 45516
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

