

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035660.D
 Acq On : 15 May 2023 13:16
 Operator : JC/MD
 Sample : 02751-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-01-89-05062023

Quant Time: May 16 04:58:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

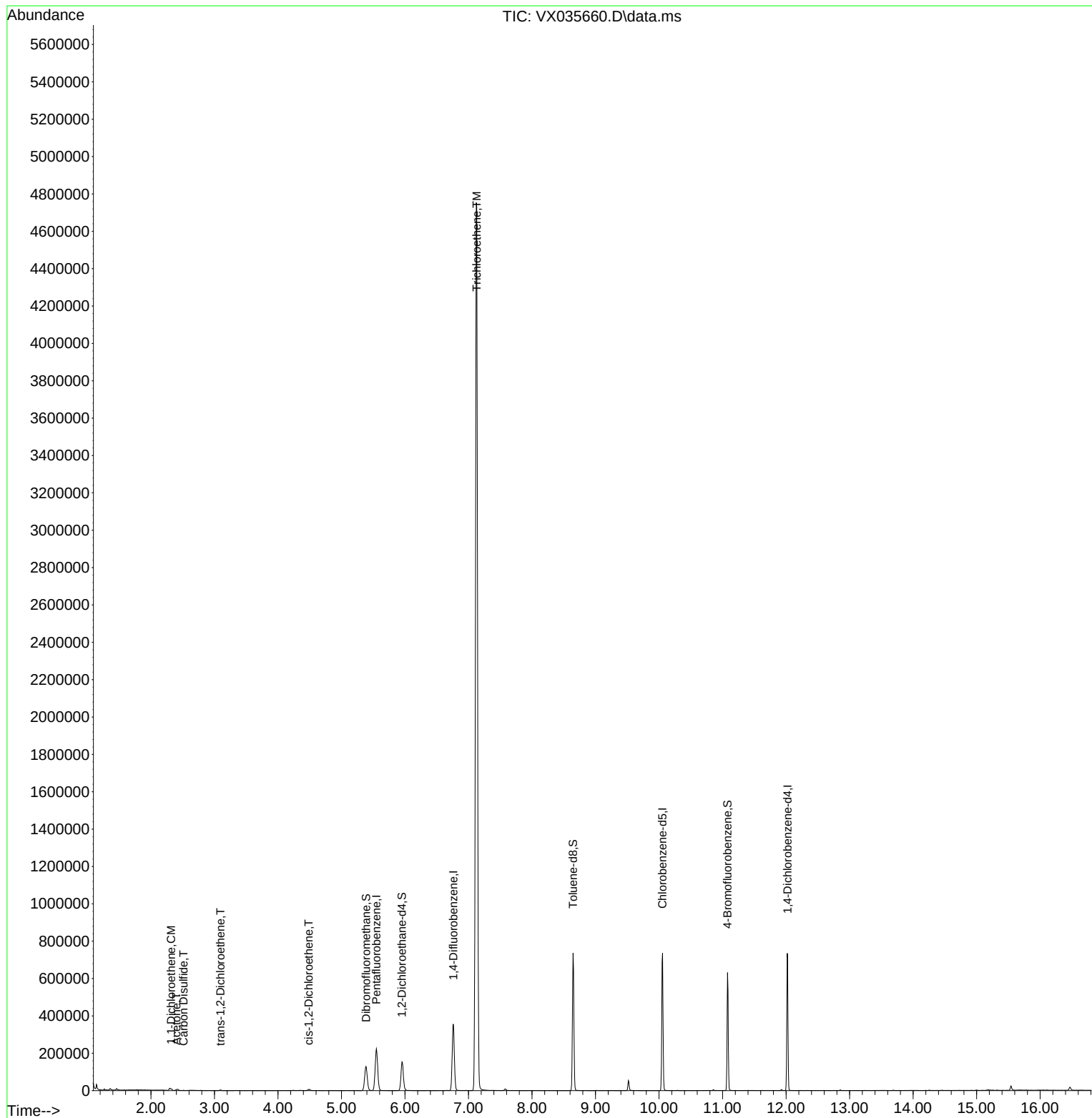
Internal Standards						
1) Pentafluorobenzene	5.550	168	188535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154961	47.114	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.220%		
35) Dibromofluoromethane	5.385	113	112281	48.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.647	98	408887	48.023	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.040%		
62) 4-Bromofluorobenzene	11.079	95	167879	48.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.940%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.318	96	2307	1.099	ug/l	93
16) Acetone	2.398	43	7609	5.383	ug/l	98
17) Carbon Disulfide	2.514	76	1752	0.346	ug/l #	91
21) trans-1,2-Dichloroethene	3.093	96	1484	0.645	ug/l	82
27) cis-1,2-Dichloroethene	4.483	96	3977	1.438	ug/l	94
44) Trichloroethene	7.129	130	1774984	687.830	ug/l	95

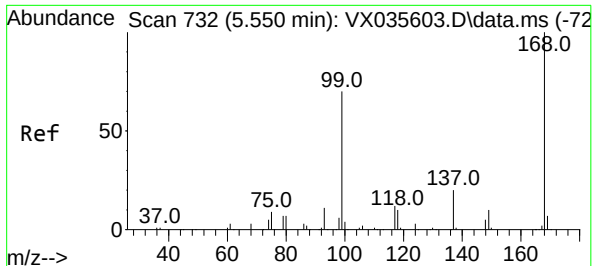
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

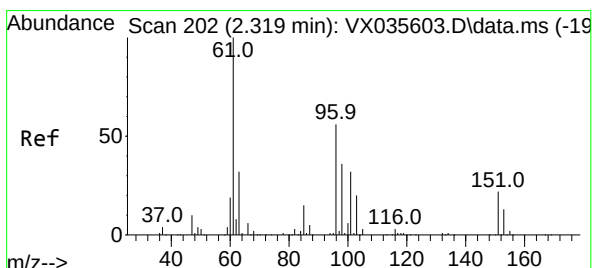
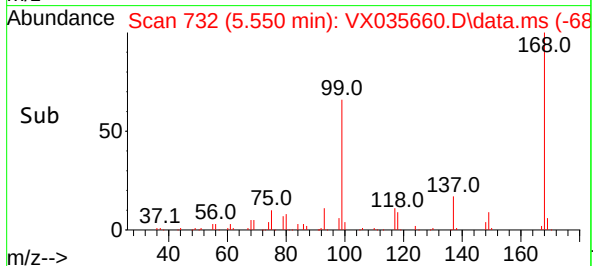
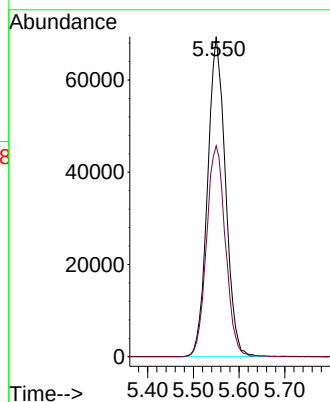
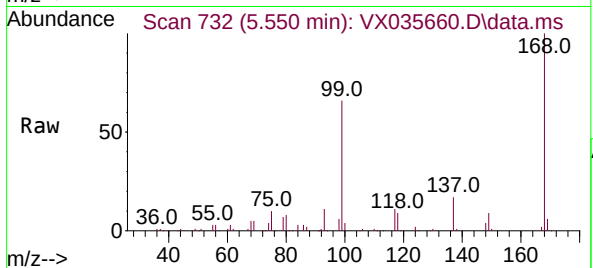




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035660.D
Acq: 15 May 2023 13:16

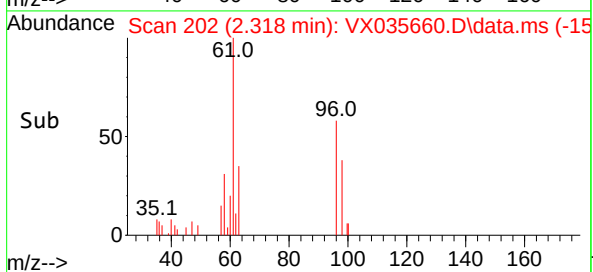
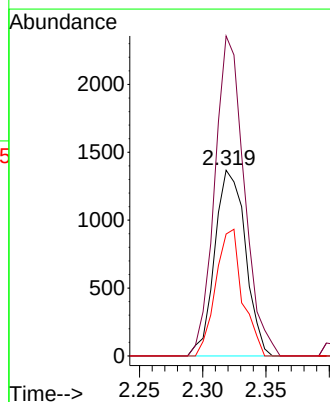
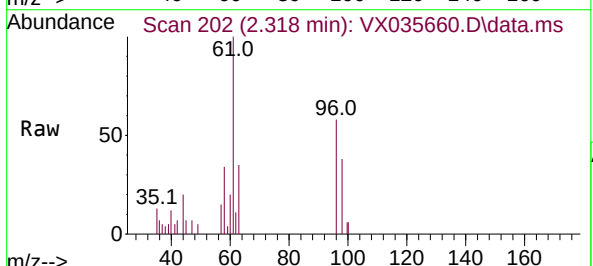
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-89-05062023

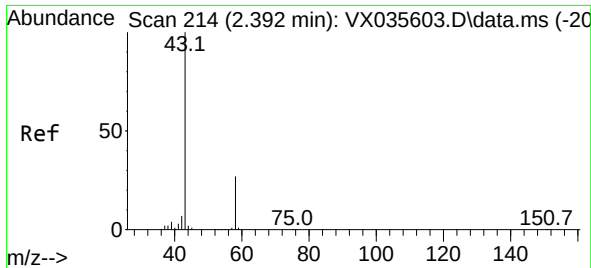
Tgt Ion:168 Resp: 188535
Ion Ratio Lower Upper
168 100
99 65.9 45.7 68.5



#12
1,1-Dichloroethene
Concen: 1.099 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX035660.D
Acq: 15 May 2023 13:16

Tgt Ion: 96 Resp: 2307
Ion Ratio Lower Upper
96 100
61 172.3 128.8 193.2
98 65.6 51.4 77.0





#16

Acetone

Concen: 5.383 ug/l

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX035660.D

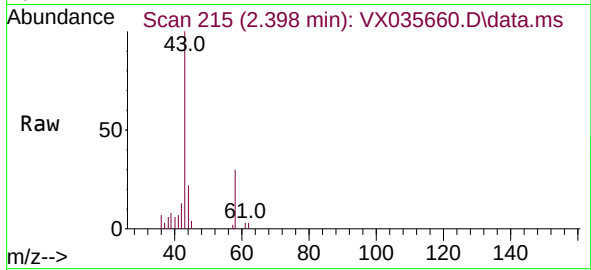
Acq: 15 May 2023 13:16

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-01-89-05062023

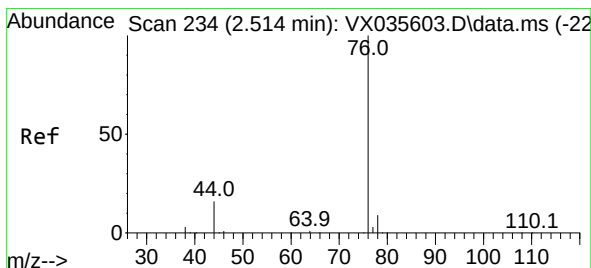
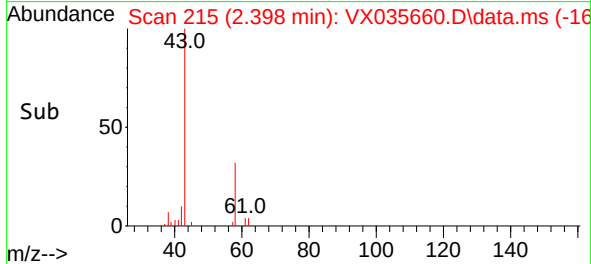
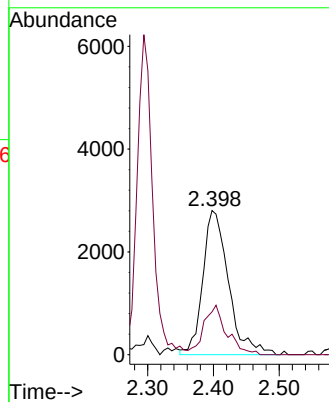


Tgt Ion: 43 Resp: 7609

Ion Ratio Lower Upper

43 100

58 29.7 24.7 37.1



#17

Carbon Disulfide

Concen: 0.346 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX035660.D

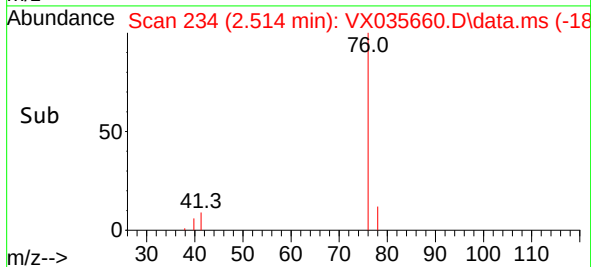
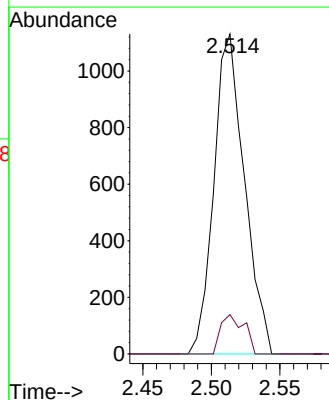
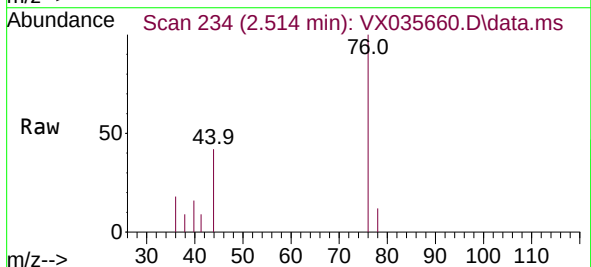
Acq: 15 May 2023 13:16

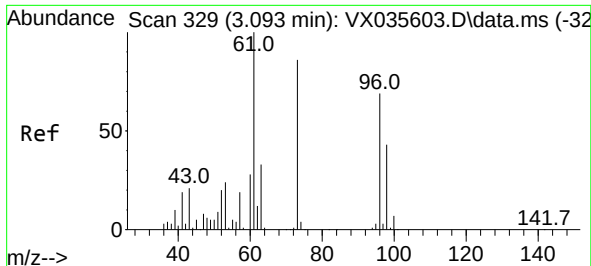
Tgt Ion: 76 Resp: 1752

Ion Ratio Lower Upper

76 100

78 12.3 7.2 10.8#

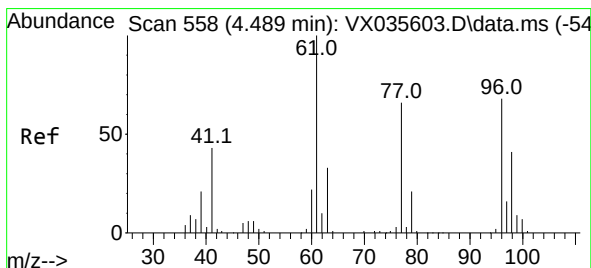
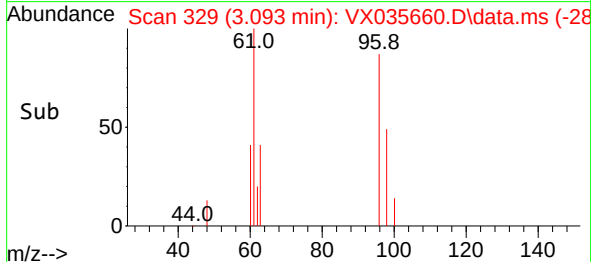
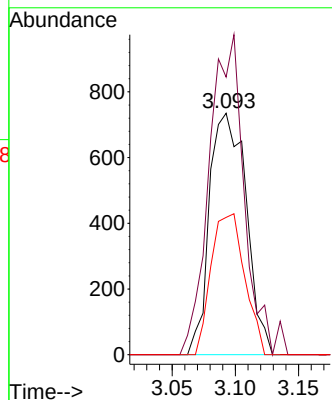
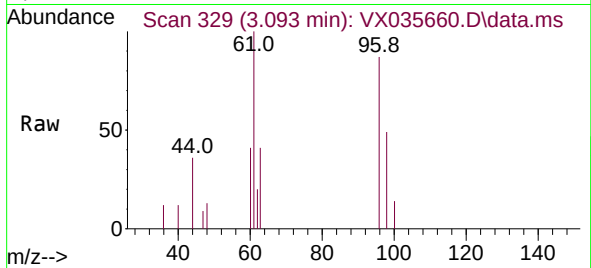




#21
trans-1,2-Dichloroethene
Concen: 0.645 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035660.D
Acq: 15 May 2023 13:16

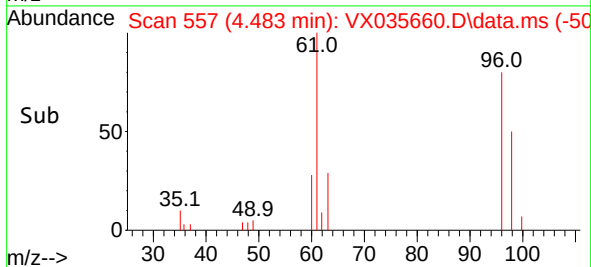
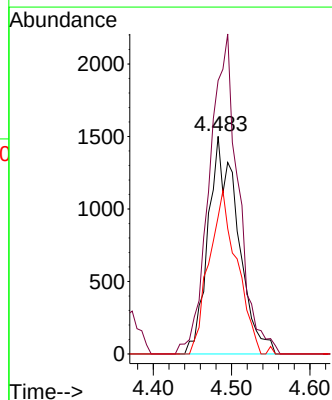
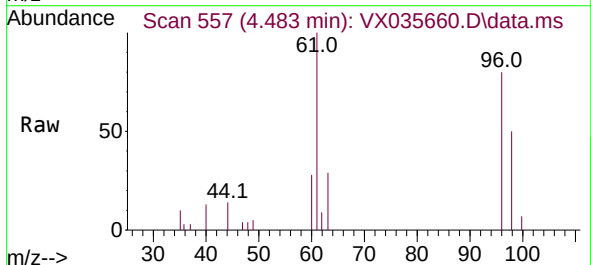
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-89-05062023

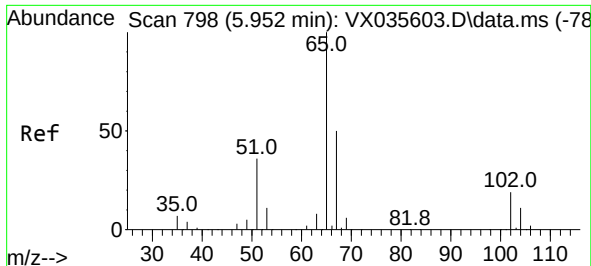
Tgt Ion: 96 Resp: 1484
Ion Ratio Lower Upper
96 100
61 115.0 113.0 169.6
98 56.9 52.1 78.1



#27
cis-1,2-Dichloroethene
Concen: 1.438 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX035660.D
Acq: 15 May 2023 13:16

Tgt Ion: 96 Resp: 3977
Ion Ratio Lower Upper
96 100
61 142.8 0.0 300.4
98 70.2 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 47.114 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035660.D

Acq: 15 May 2023 13:16

Instrument :

MSVOA_X

ClientSampleId :

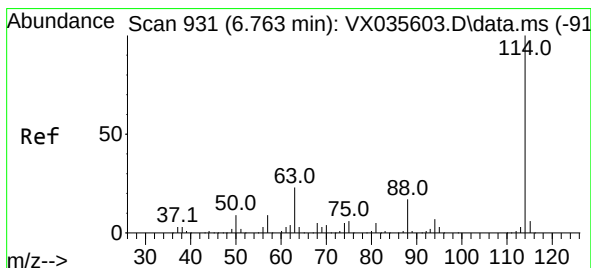
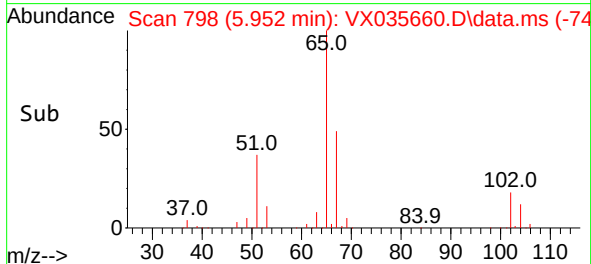
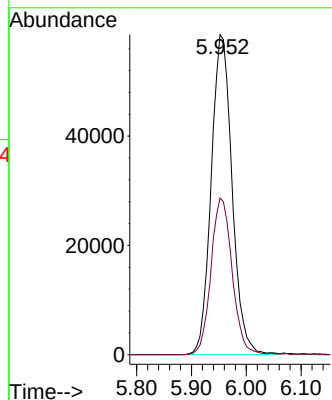
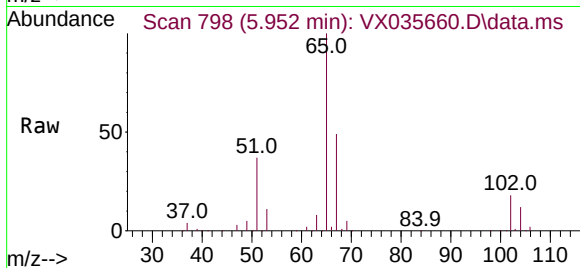
FSND-PRO-01-89-05062023

Tgt Ion: 65 Resp: 154961

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035660.D

Acq: 15 May 2023 13:16

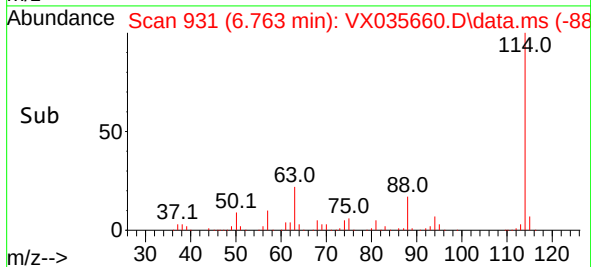
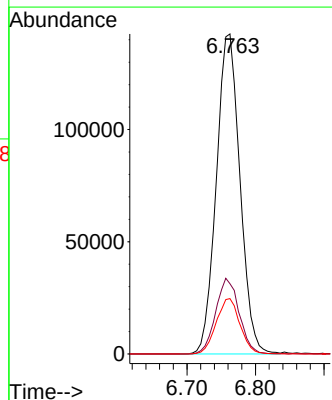
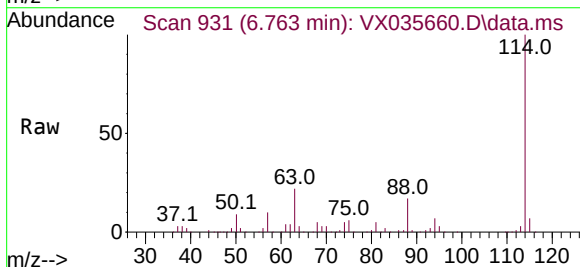
Tgt Ion: 114 Resp: 341750

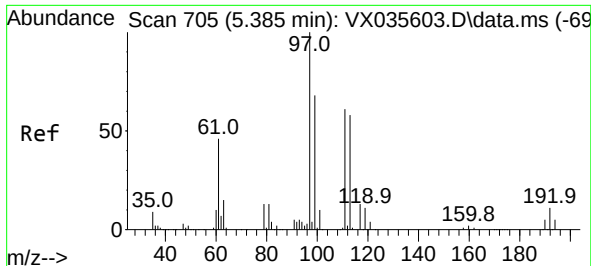
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

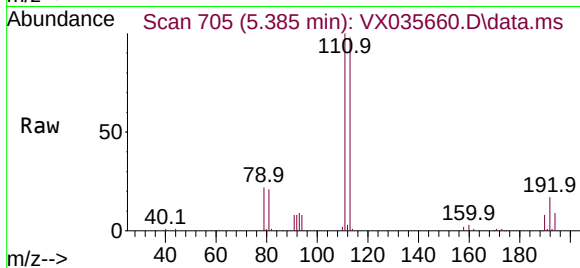
88 17.3 0.0 33.2



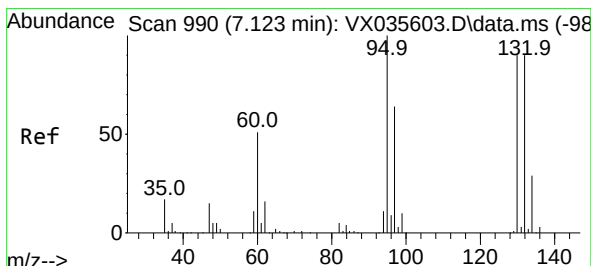
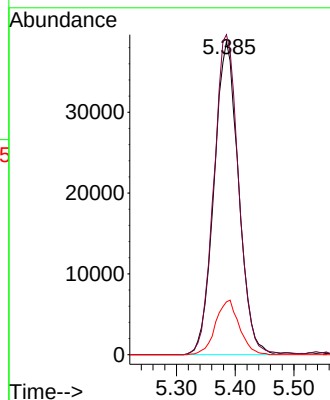
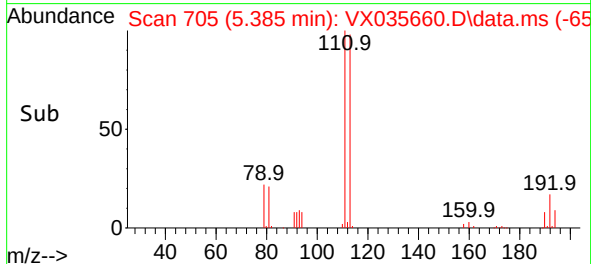


#35
Dibromofluoromethane
Concen: 48.717 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035660.D
Acq: 15 May 2023 13:16

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-89-05062023

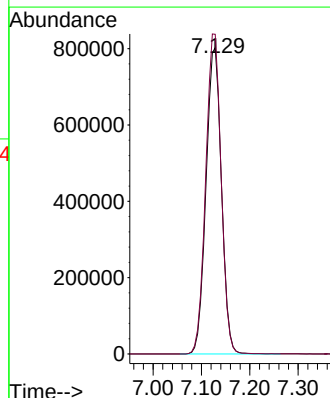
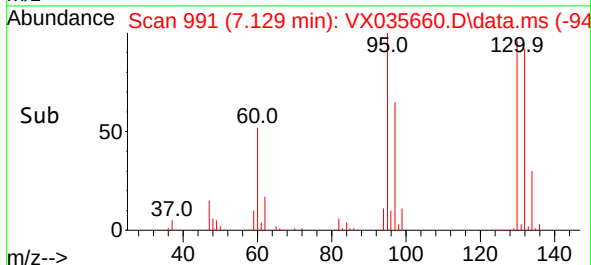
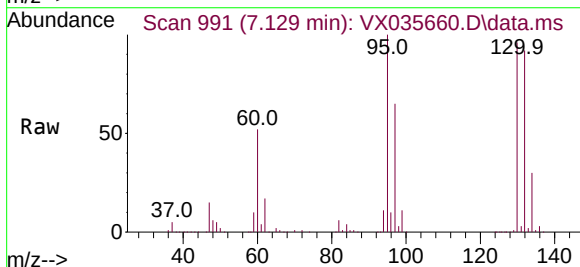


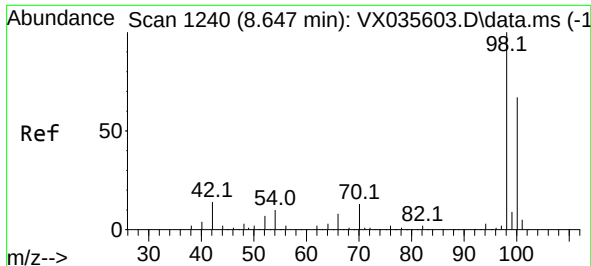
Tgt Ion:113 Resp: 112281
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 16.8 15.4 23.2



#44
Trichloroethene
Concen: 687.830 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035660.D
Acq: 15 May 2023 13:16

Tgt Ion:130 Resp: 1774984
Ion Ratio Lower Upper
130 100
95 104.4 0.0 198.4

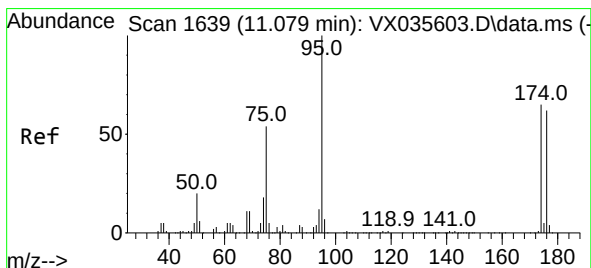
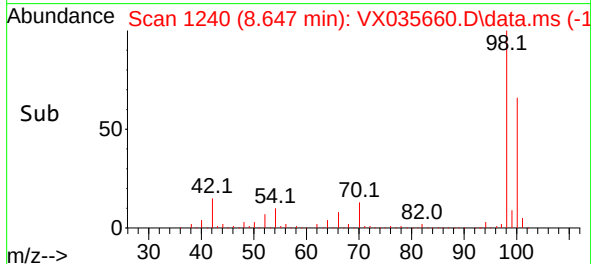
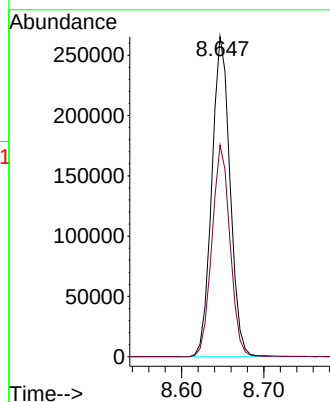
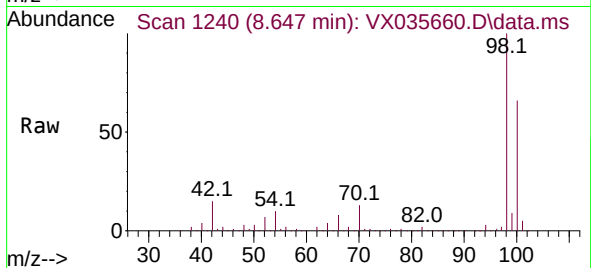




#50
Toluene-d8
Concen: 48.023 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035660.D
Acq: 15 May 2023 13:16

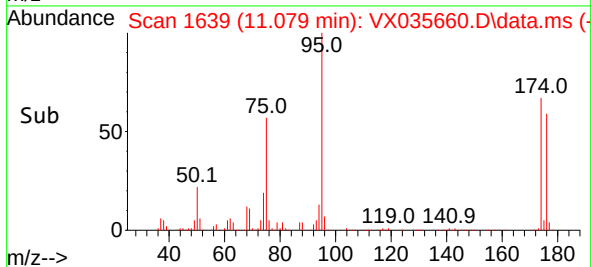
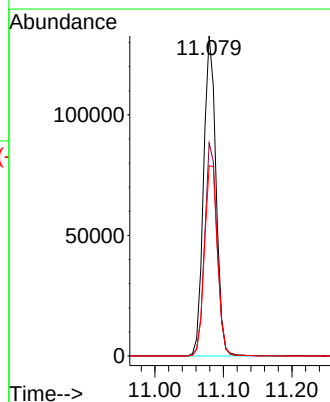
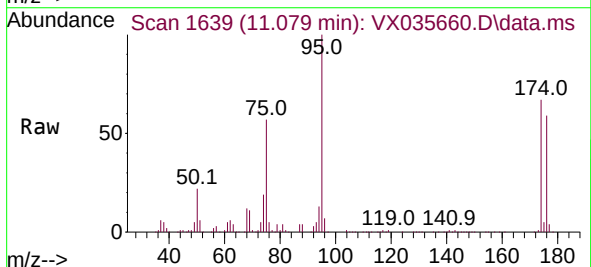
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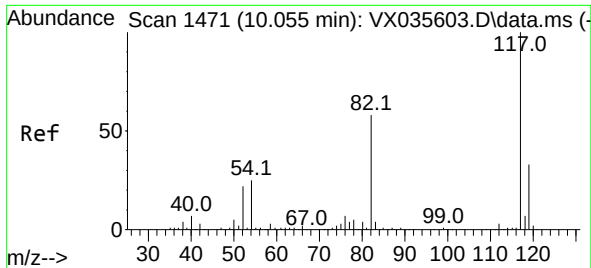
Tgt Ion: 98 Resp: 408887
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.970 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035660.D
Acq: 15 May 2023 13:16

Tgt Ion: 95 Resp: 167879
Ion Ratio Lower Upper
95 100
174 65.8 0.0 147.4
176 62.7 0.0 140.6

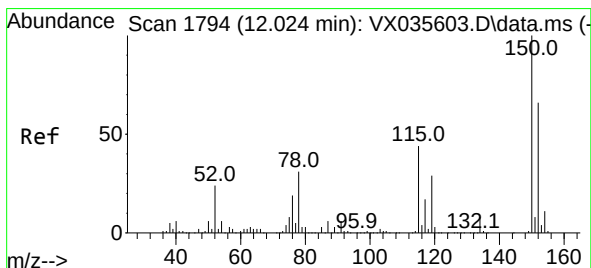
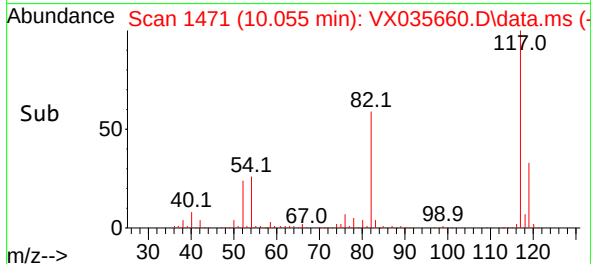
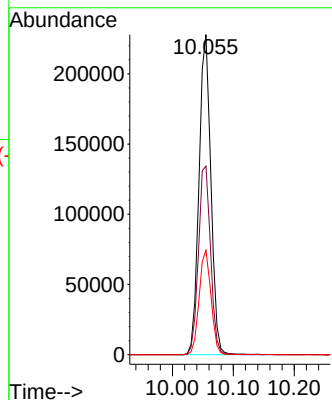
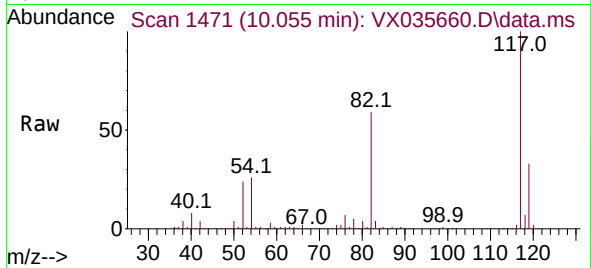




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035660.D
Acq: 15 May 2023 13:16

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-89-05062023

Tgt Ion:117 Resp: 308532
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035660.D
Acq: 15 May 2023 13:16

Tgt Ion:152 Resp: 138997
Ion Ratio Lower Upper
152 100
115 65.9 45.0 135.0
150 155.6 0.0 352.4

