

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102722\
 Data File : VX032443.D
 Acq On : 27 Oct 2022 20:56
 Operator : JC/MD
 Sample : N5249-12DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-GEP-1-20221020DL

Quant Time: Oct 28 07:15:19 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)

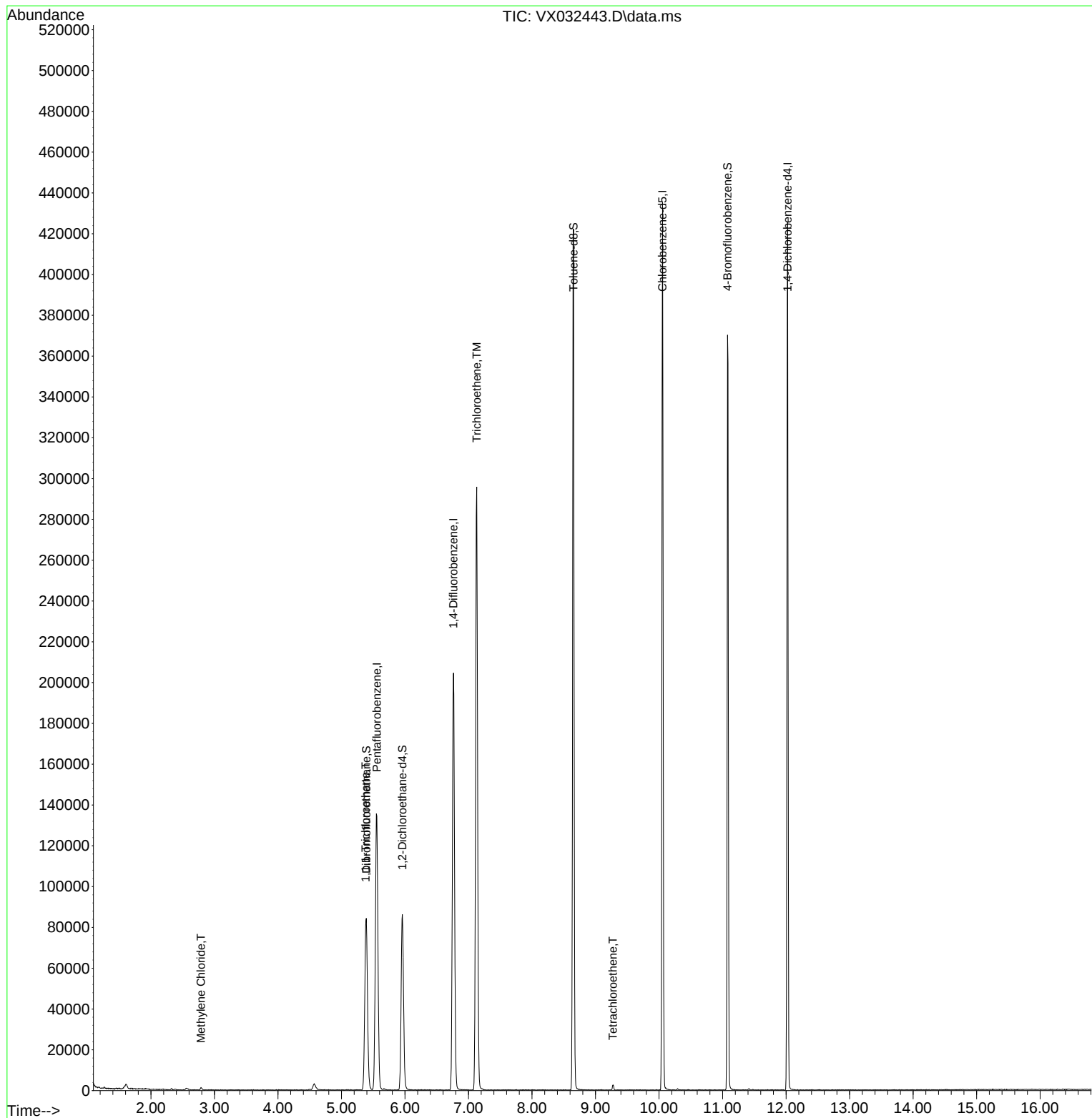
Internal Standards						
1) Pentafluorobenzene	5.556	168	126281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208896	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85242	48.581	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.160%
35) Dibromofluoromethane	5.391	113	67590	45.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.653	98	248706	48.000	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.000%
62) 4-Bromofluorobenzene	11.079	95	93675	46.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	544	0.372	ug/l #	81
32) 1,1,1-Trichloroethane	5.379	97	6422	2.597	ug/l	95
44) Trichloroethene	7.129	130	111368	67.374	ug/l	100
64) Tetrachloroethene	9.275	164	519	0.381	ug/l #	79

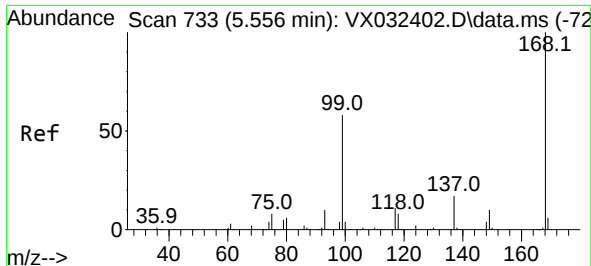
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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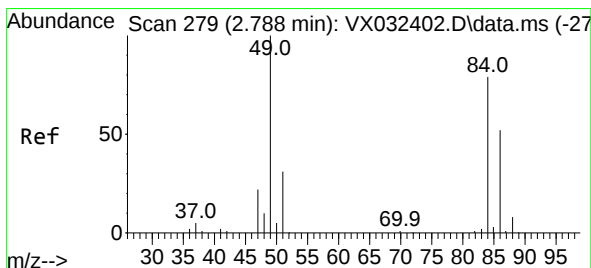
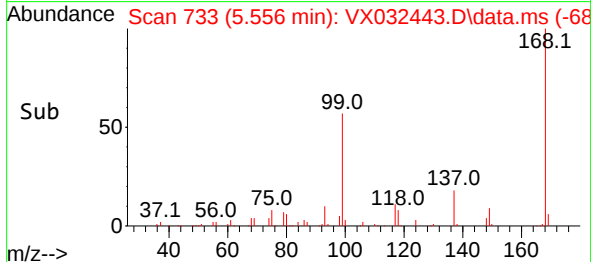
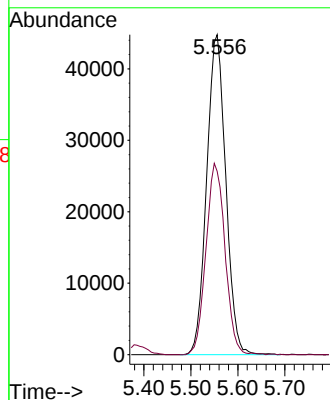
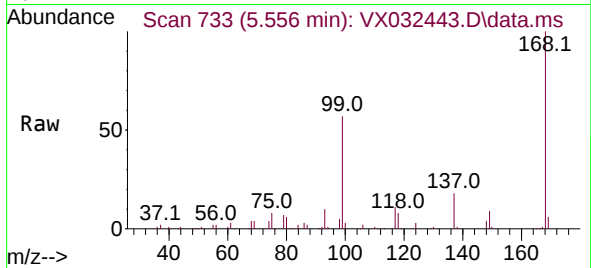




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

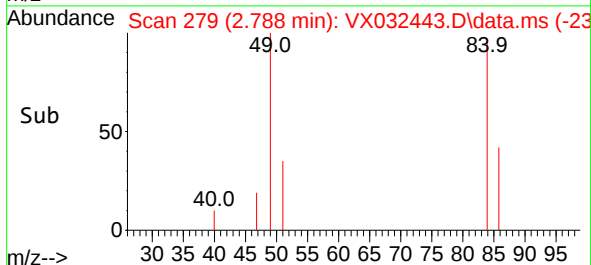
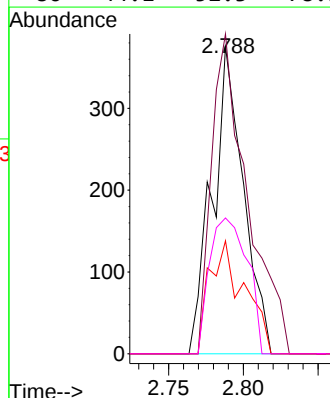
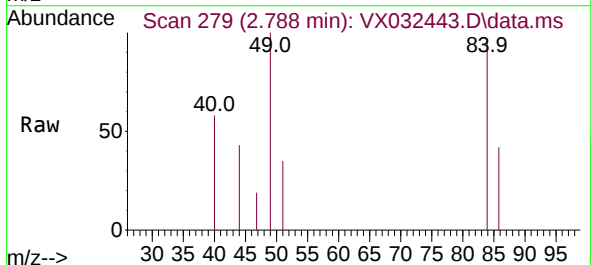
Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20221020DL

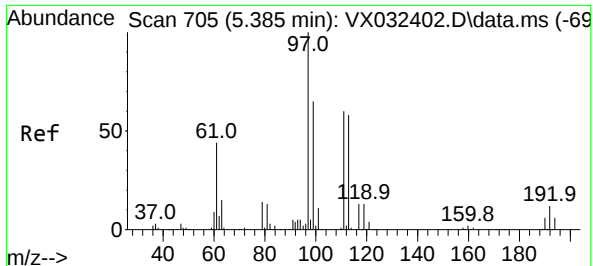
Tgt Ion:168 Resp: 126281
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#20
Methylene Chloride
Concen: 0.372 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Tgt Ion: 84 Resp: 544
Ion Ratio Lower Upper
84 100
49 104.0 101.0 151.6
51 36.7 31.1 46.7
86 44.1 52.3 78.5#





#32

1,1,1-Trichloroethane

Concen: 2.597 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX032443.D

Acq: 27 Oct 2022 20:56

Instrument :

MSVOA_X

ClientSampleId :

FSND-GEP-1-20221020DL

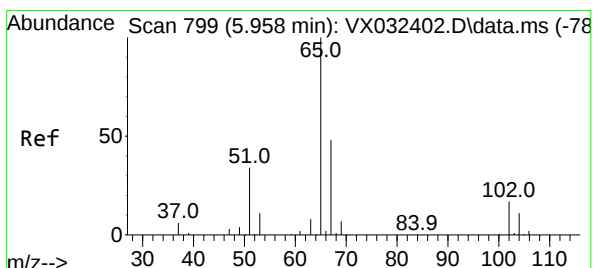
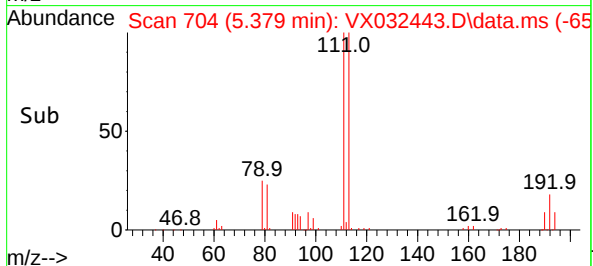
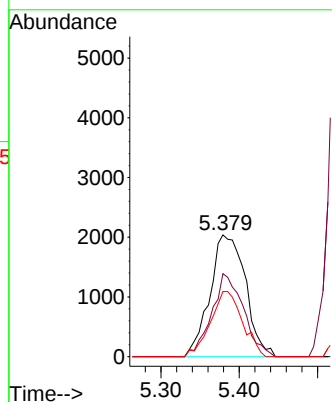
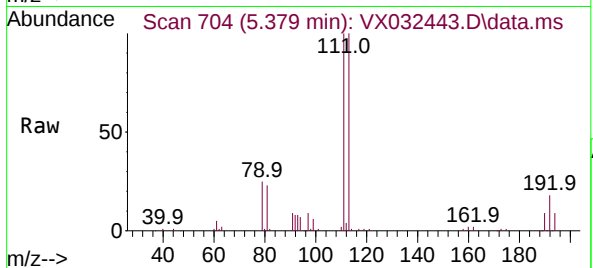
Tgt Ion: 97 Resp: 6422

Ion Ratio Lower Upper

97 100

99 61.0 51.4 77.0

61 48.3 35.2 52.8



#33

1,2-Dichloroethane-d4

Concen: 48.581 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032443.D

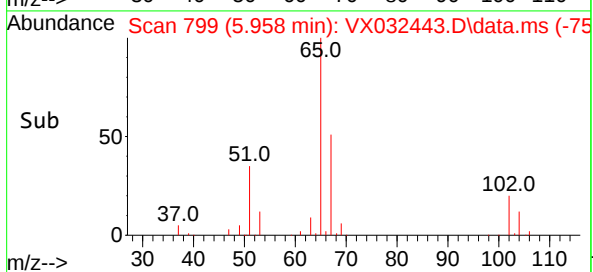
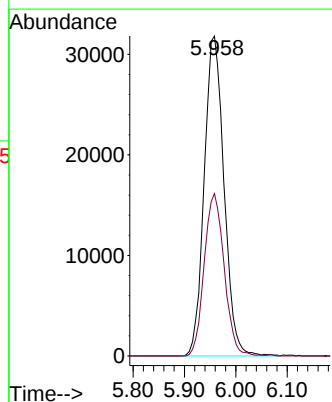
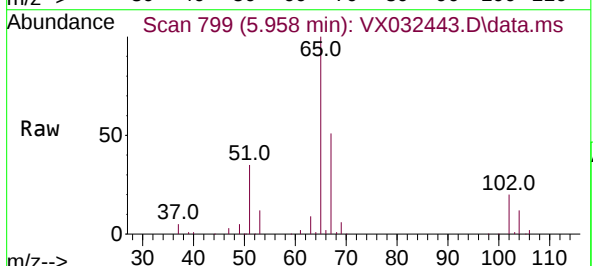
Acq: 27 Oct 2022 20:56

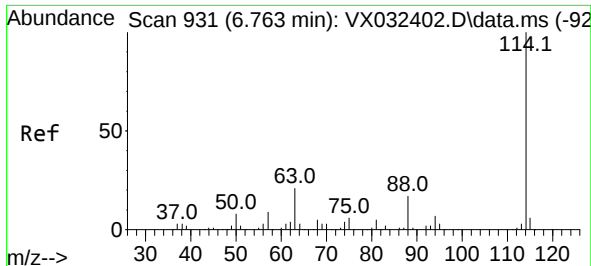
Tgt Ion: 65 Resp: 85242

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8

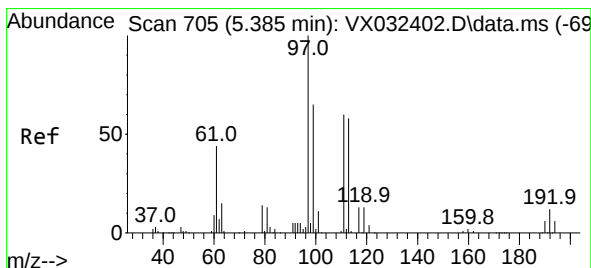
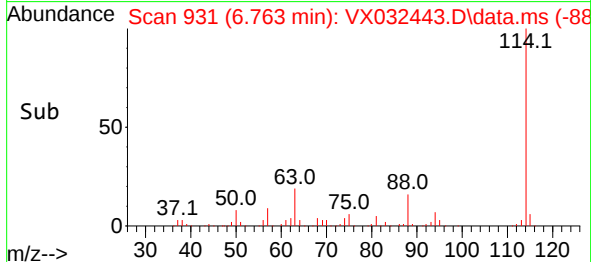
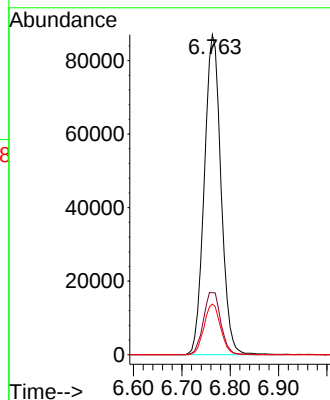
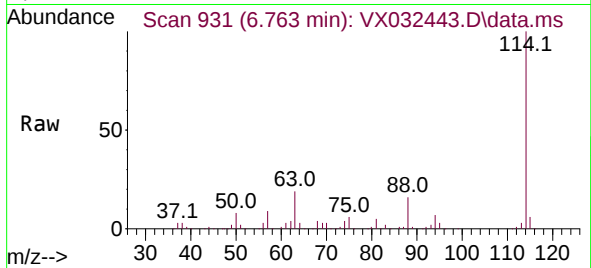




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

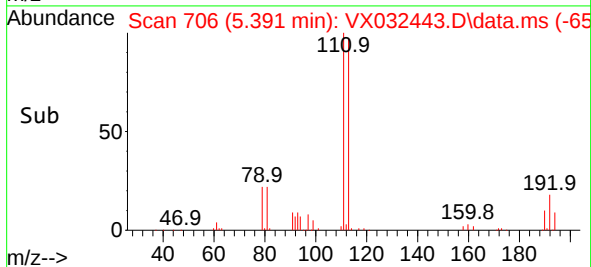
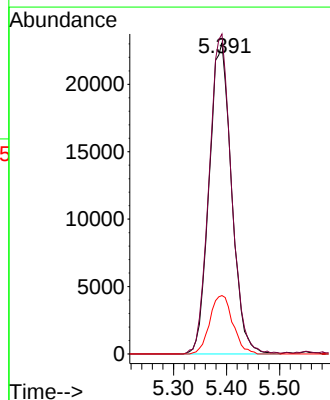
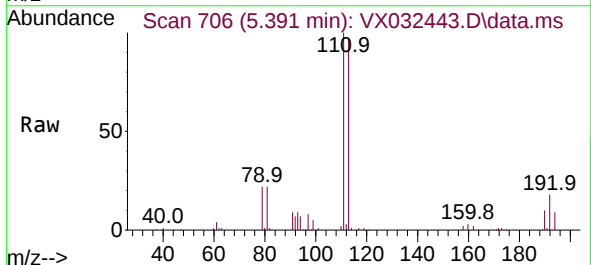
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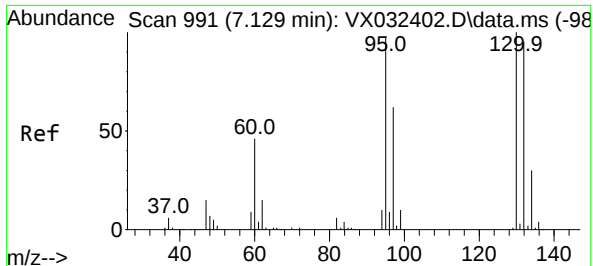
Tgt Ion:114 Resp: 208896
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.360 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Tgt Ion:113 Resp: 67590
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.3 15.4 23.2

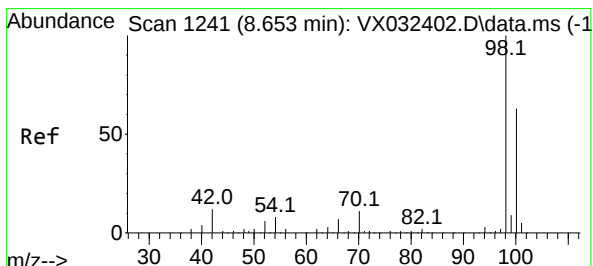
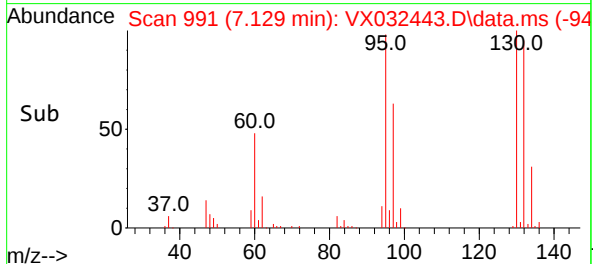
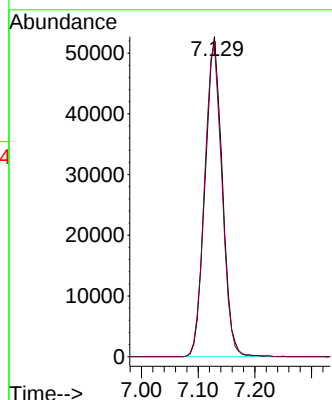
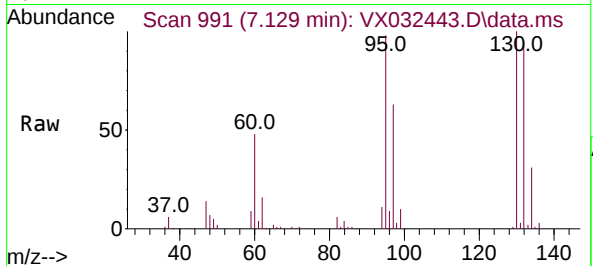




#44
Trichloroethene
Concen: 67.374 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

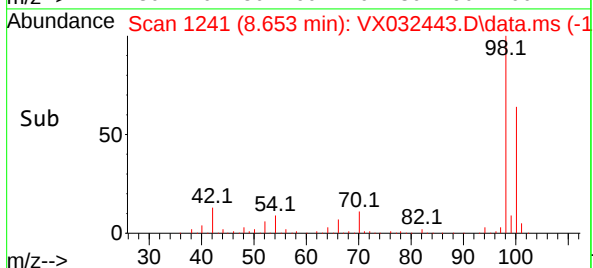
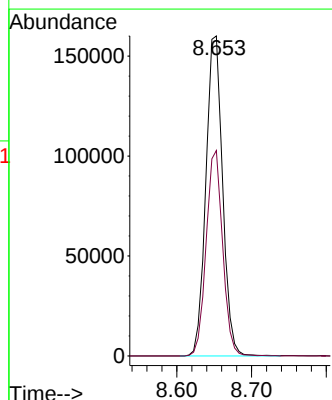
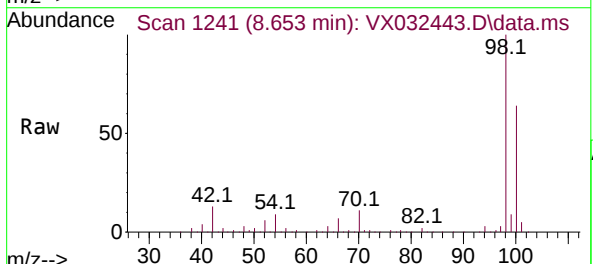
Instrument :
MSVOA_X
ClientSampleId :
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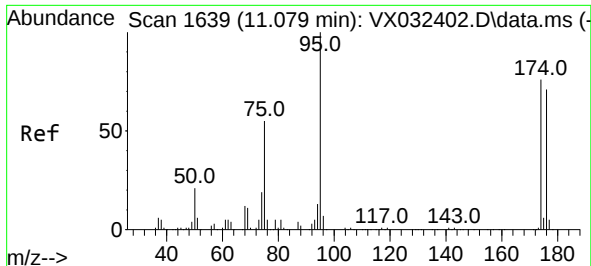
Tgt Ion:130 Resp: 111368
Ion Ratio Lower Upper
130 100
95 97.8 0.0 195.2



#50
Toluene-d8
Concen: 48.000 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Tgt Ion: 98 Resp: 248706
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

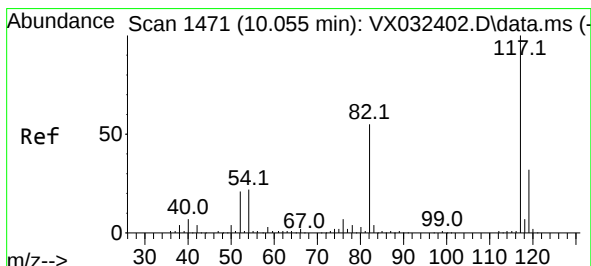
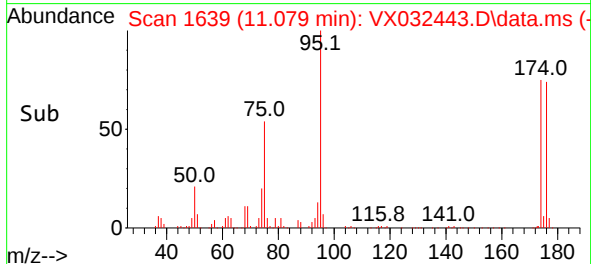
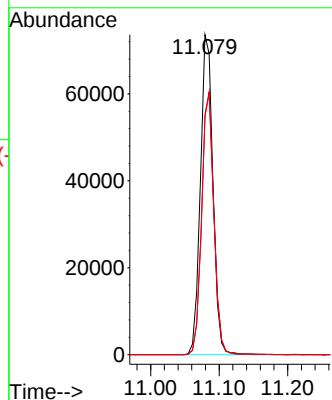
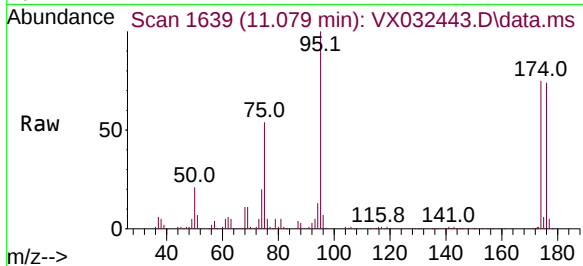




#62
4-Bromofluorobenzene
Concen: 46.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

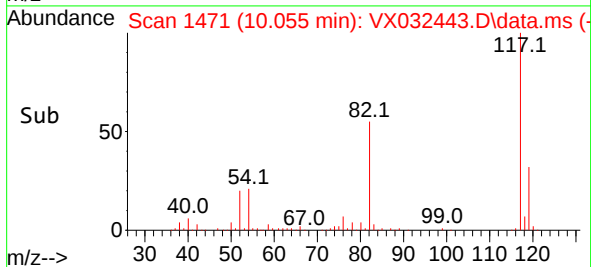
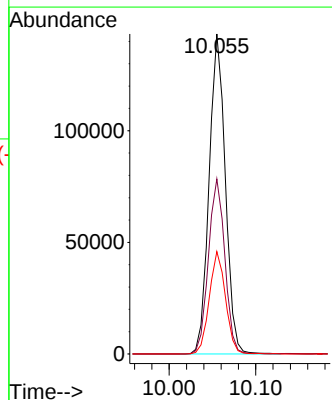
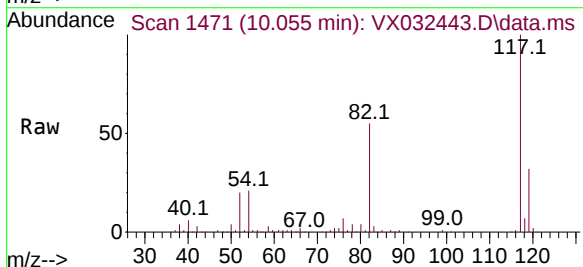
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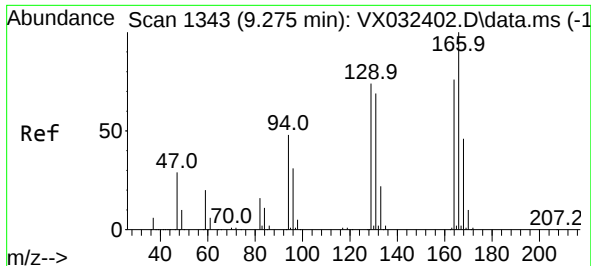
Tgt Ion: 95 Resp: 93675
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.0
176 79.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

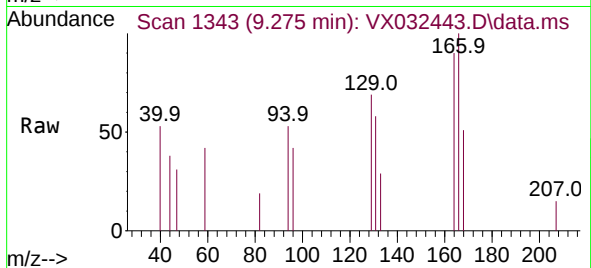
Tgt Ion: 117 Resp: 186333
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.0 25.7 38.5



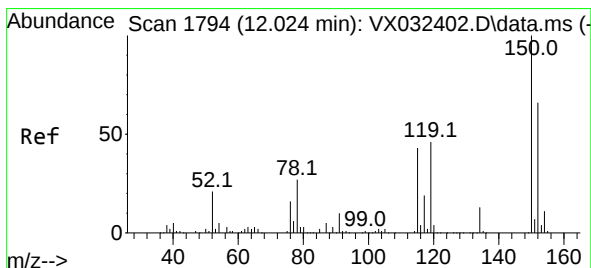
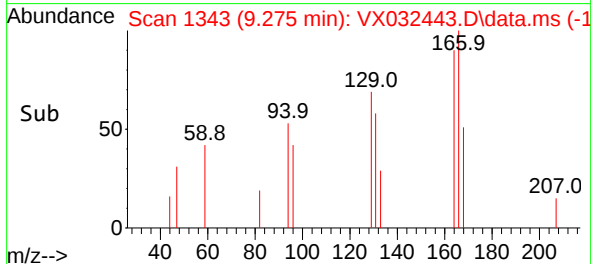
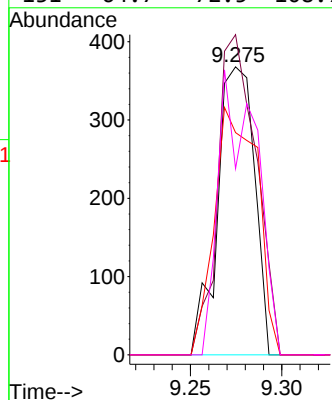


#64
Tetrachloroethene
Concen: 0.381 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032443.D
Acq: 27 Oct 2022 20:56

Instrument :
MSVOA_X
ClientSampleId :
FSND-GEP-1-20221020DL



Tgt Ion:164 Resp: 519
Ion Ratio Lower Upper
164 100
166 111.1 105.4 158.2
129 77.2 78.2 117.2#
131 64.7 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: VX032443.D
Acq: 27 Oct 2022 20:56

Tgt Ion:152 Resp: 85838
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 157.6 0.0 351.8

