

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032815.D
 Acq On : 15 Nov 2022 12:21
 Operator : JC/MD
 Sample : N5558-07DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20221109DL

Quant Time: Nov 16 03:33:03 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)

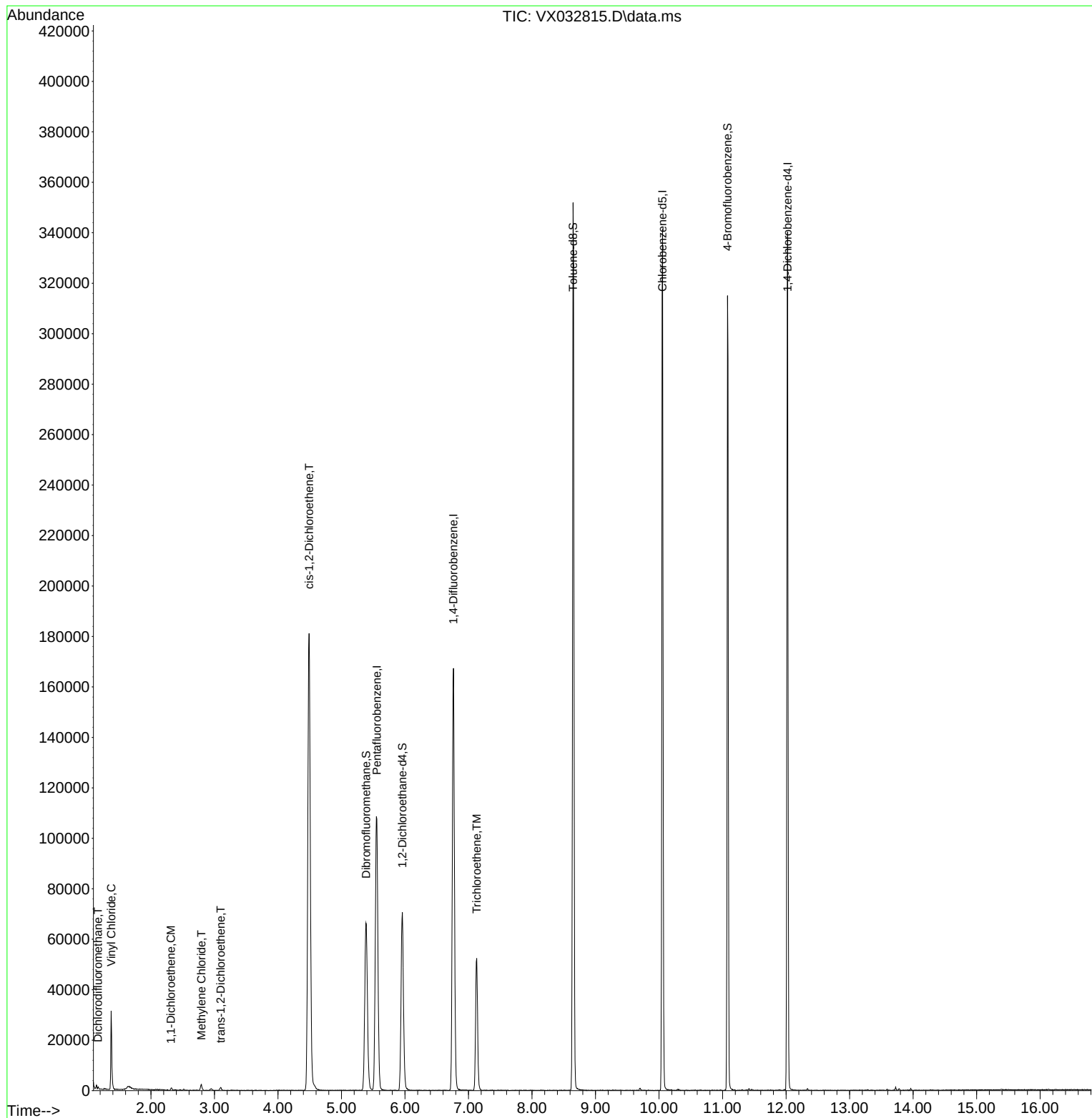
Internal Standards						
1) Pentafluorobenzene	5.556	168	103738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169567	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70148	48.666	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.340%
35) Dibromofluoromethane	5.385	113	57570	47.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	8.647	98	209110	49.719	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.079	95	78795	47.961	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	490	0.410	ug/l	92
4) Vinyl Chloride	1.374	62	19652	17.647	ug/l	96
12) 1,1-Dichloroethene	2.313	96	342	0.329	ug/l #	92
20) Methylene Chloride	2.794	84	1083	0.902	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	530	0.468	ug/l #	74
27) cis-1,2-Dichloroethene	4.489	96	116533	89.027	ug/l	89
44) Trichloroethene	7.129	130	20748	15.463	ug/l	99

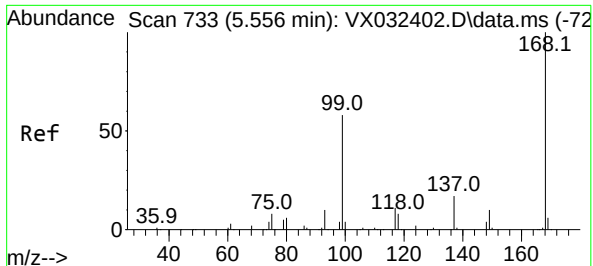
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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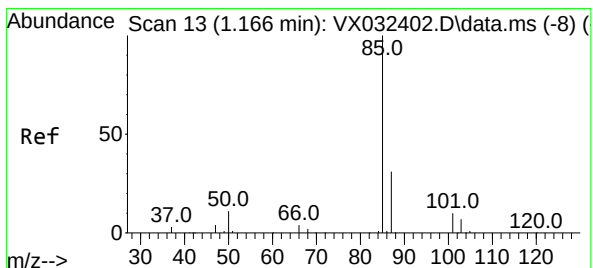
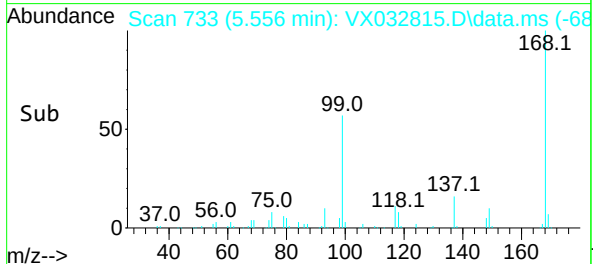
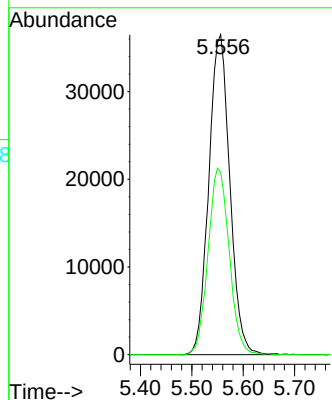
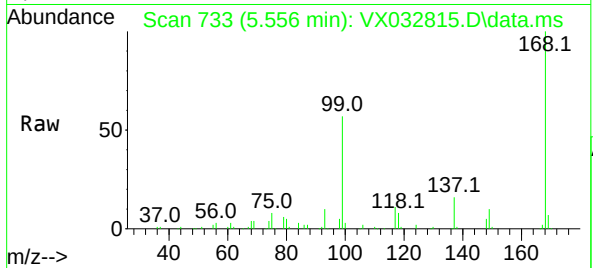




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032815.D
Acq: 15 Nov 2022 12:21

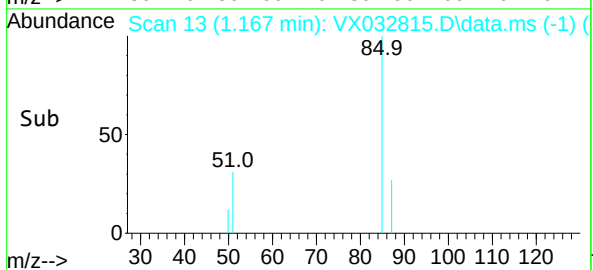
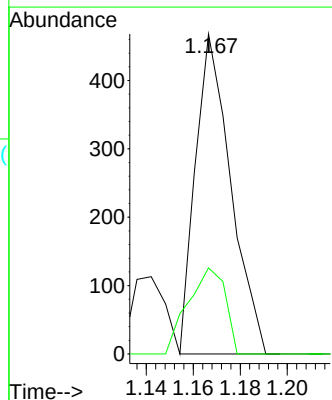
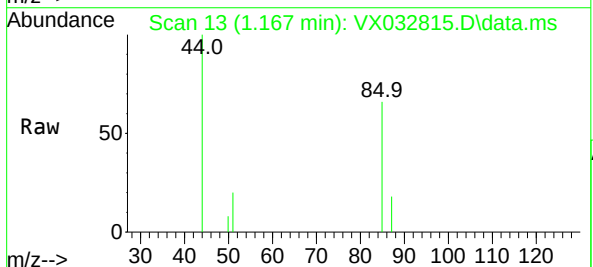
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109DL

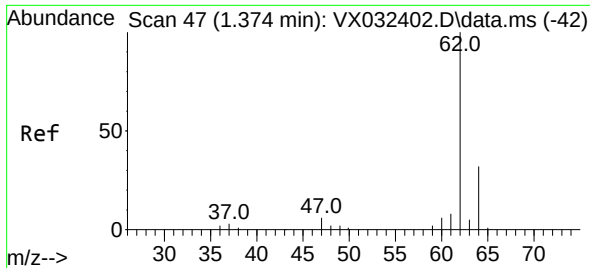
Tgt Ion:168 Resp: 103738
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.410 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032815.D
Acq: 15 Nov 2022 12:21

Tgt Ion: 85 Resp: 490
Ion Ratio Lower Upper
85 100
87 26.9 15.6 46.7

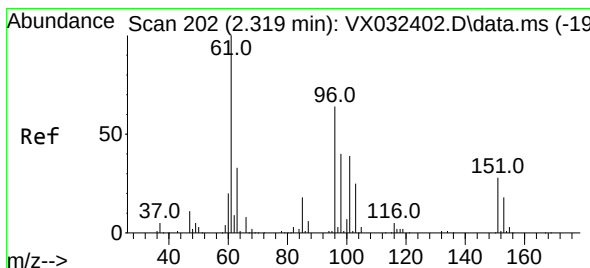
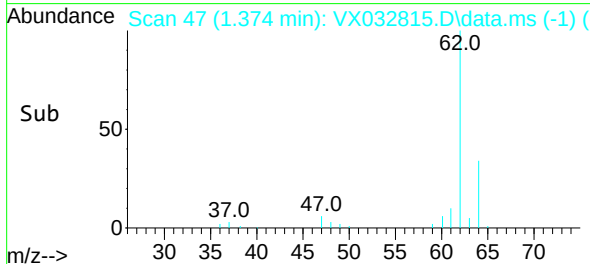
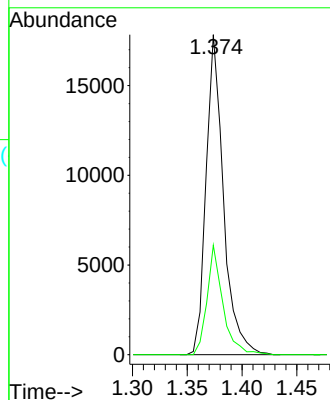
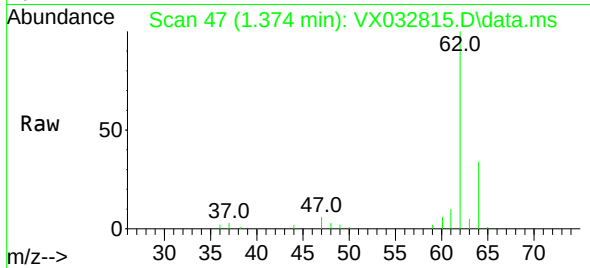




#4
 Vinyl Chloride
 Concen: 17.647 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032815.D
 Acq: 15 Nov 2022 12:21

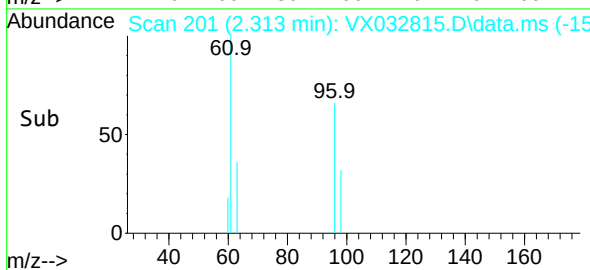
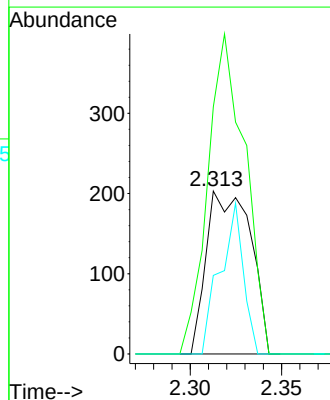
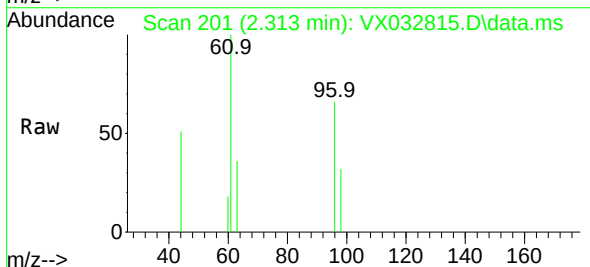
Instrument :
 MSVOA_X
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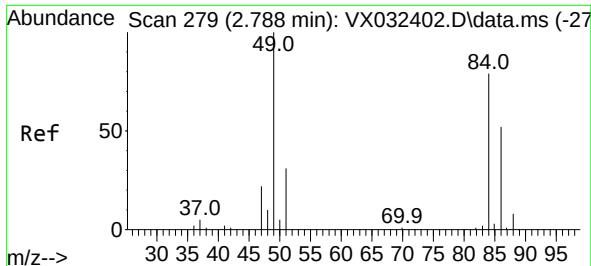
Tgt Ion: 62 Resp: 19652
 Ion Ratio Lower Upper
 62 100
 64 34.2 25.8 38.6



#12
 1,1-Dichloroethene
 Concen: 0.329 ug/l
 RT: 2.313 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VX032815.D
 Acq: 15 Nov 2022 12:21

Tgt Ion: 96 Resp: 342
 Ion Ratio Lower Upper
 96 100
 61 151.7 125.1 187.7
 98 48.3 50.6 76.0#

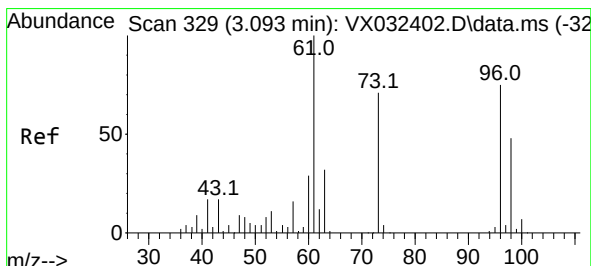
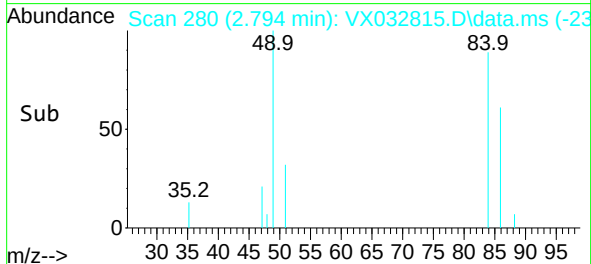
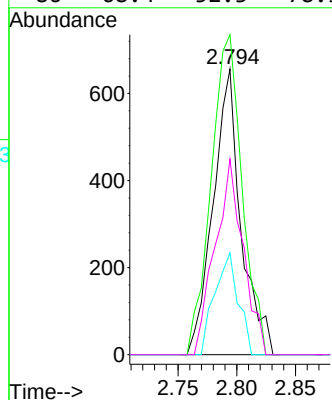
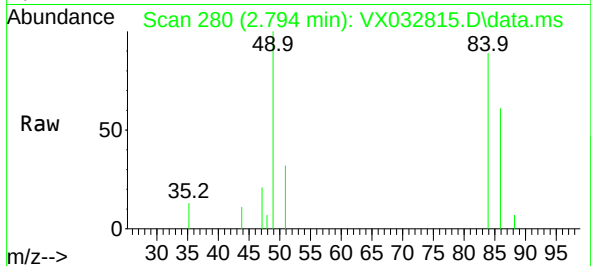




#20
Methylene Chloride
Concen: 0.902 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032815.D
Acq: 15 Nov 2022 12:21

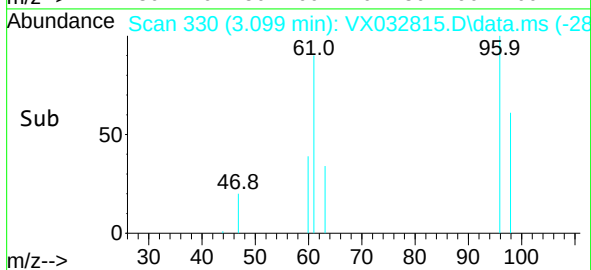
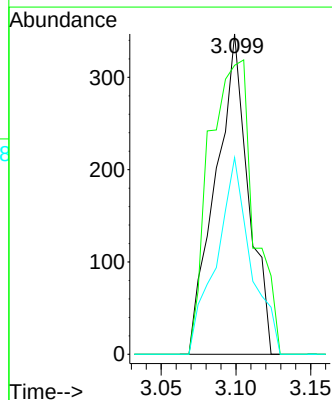
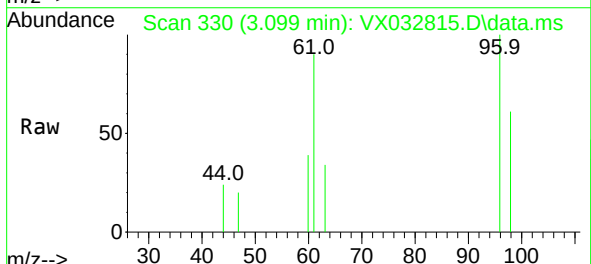
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109DL

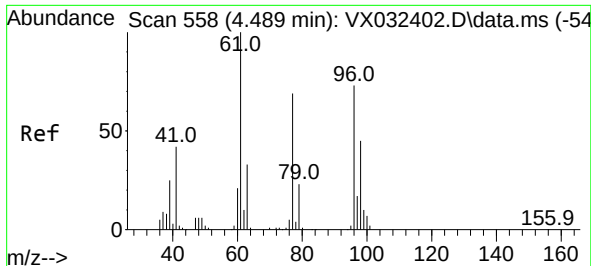
Tgt Ion:	84	Resp:	1083
Ion	Ratio	Lower	Upper
84	100		
49	112.0	101.0	151.6
51	35.7	31.1	46.7
86	68.4	52.3	78.5



#21
trans-1,2-Dichloroethene
Concen: 0.468 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX032815.D
Acq: 15 Nov 2022 12:21

Tgt Ion:	96	Resp:	530
Ion	Ratio	Lower	Upper
96	100		
61	90.2	106.6	160.0#
98	61.4	51.0	76.6





#27

cis-1,2-Dichloroethene

Concen: 89.027 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032815.D

Acq: 15 Nov 2022 12:21

Instrument :

MSVOA_X

ClientSampleId :

20BR-20221109DL

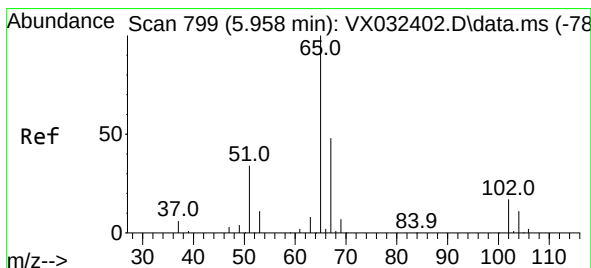
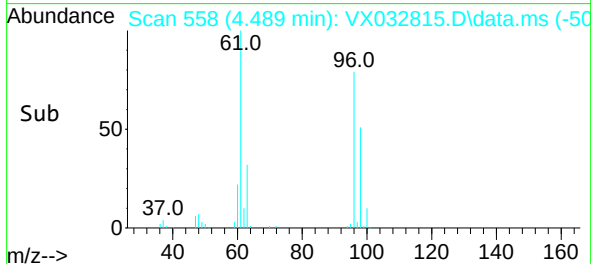
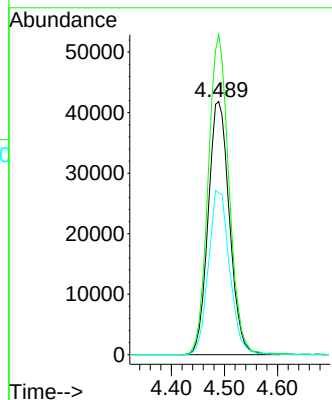
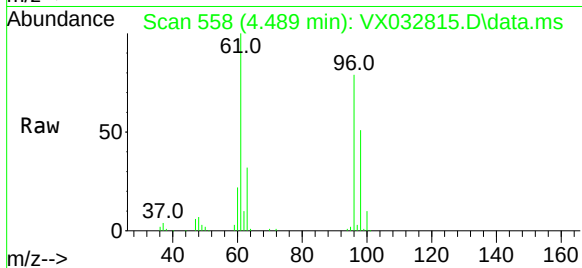
Tgt Ion: 96 Resp: 116533

Ion Ratio Lower Upper

96 100

61 123.2 0.0 286.0

98 64.7 0.0 129.6



#33

1,2-Dichloroethane-d4

Concen: 48.666 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032815.D

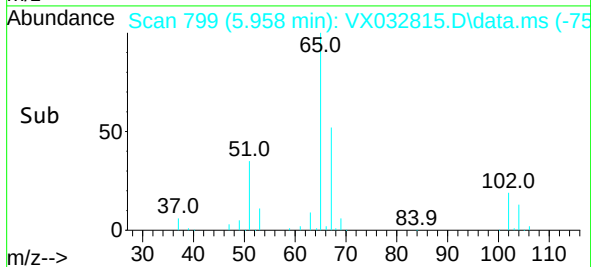
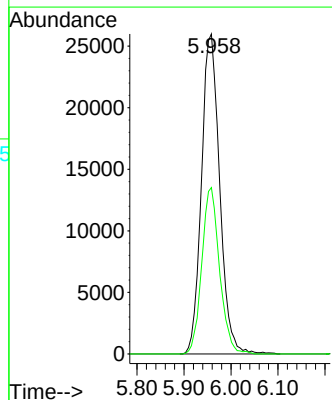
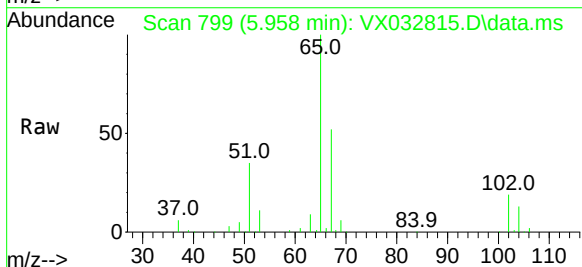
Acq: 15 Nov 2022 12:21

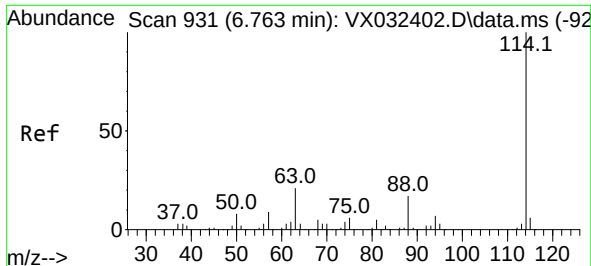
Tgt Ion: 65 Resp: 70148

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8

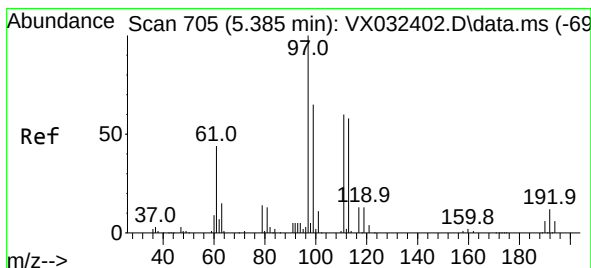
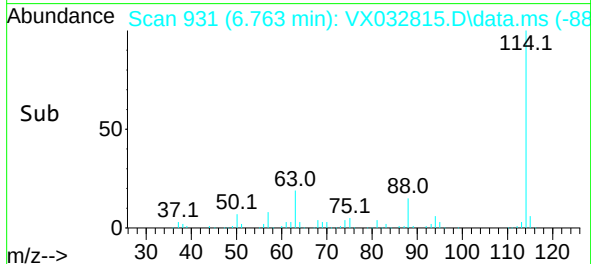
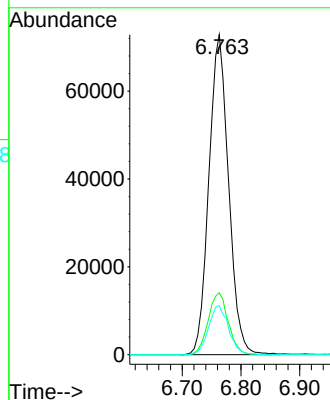
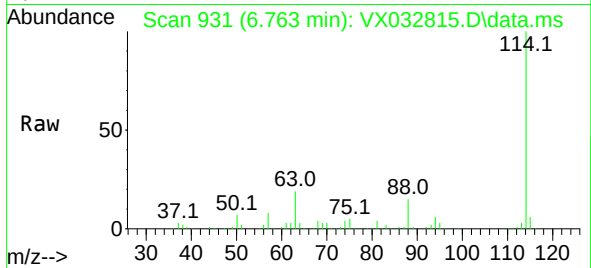




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032815.D
Acq: 15 Nov 2022 12:21

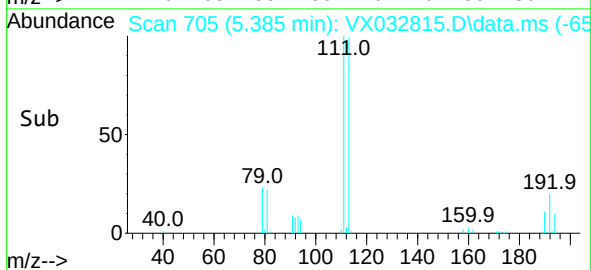
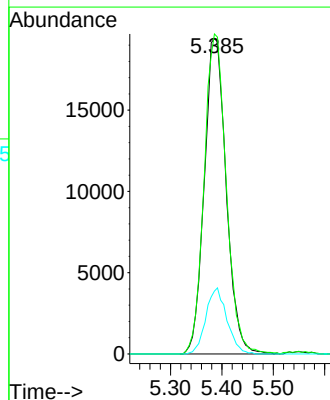
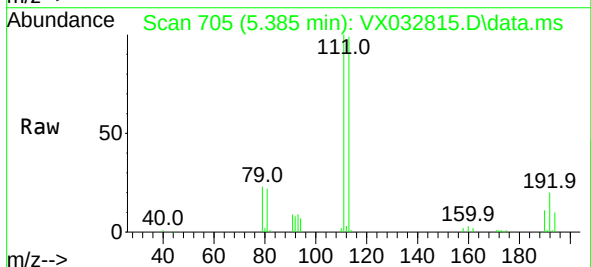
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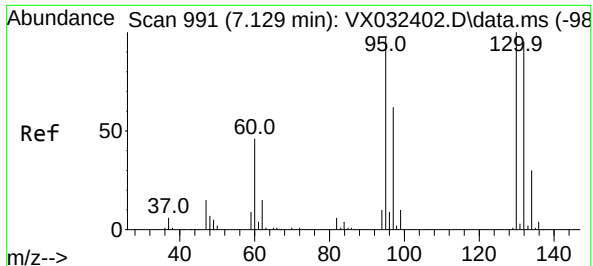
Tgt Ion:114 Resp: 169567
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.597 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032815.D
Acq: 15 Nov 2022 12:21

Tgt Ion:113 Resp: 57570
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 20.0 15.4 23.2

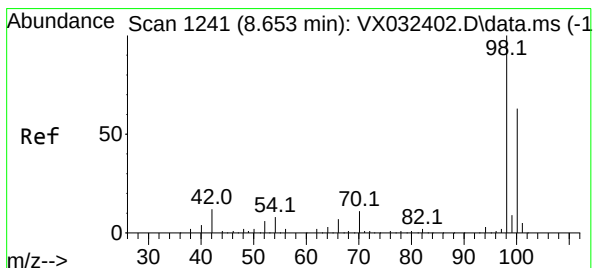
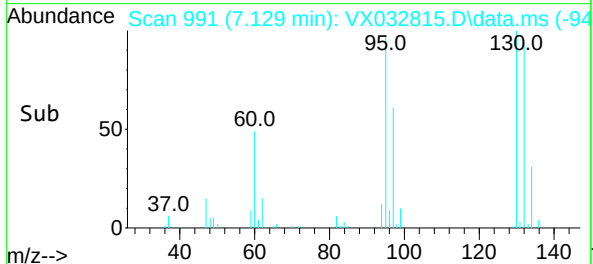
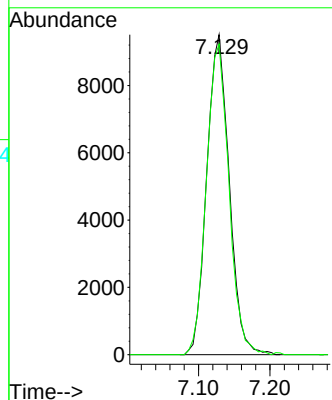
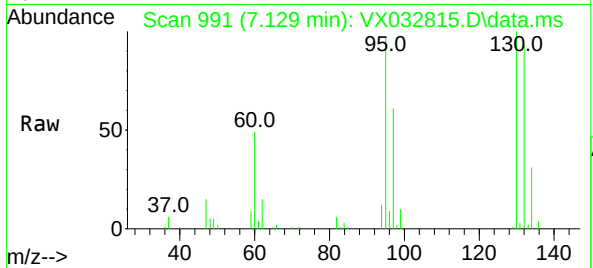




#44
 Trichloroethene
 Concen: 15.463 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX032815.D
 Acq: 15 Nov 2022 12:21

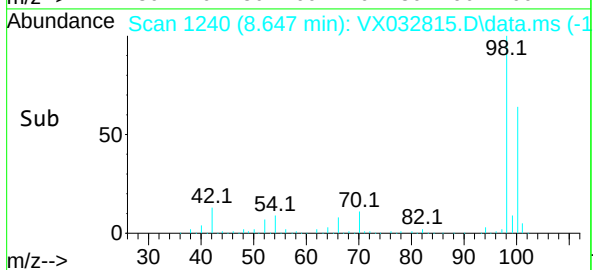
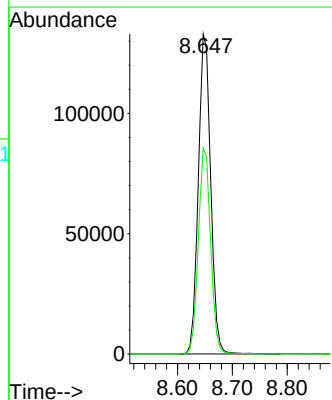
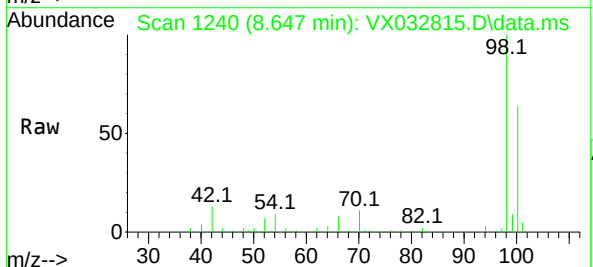
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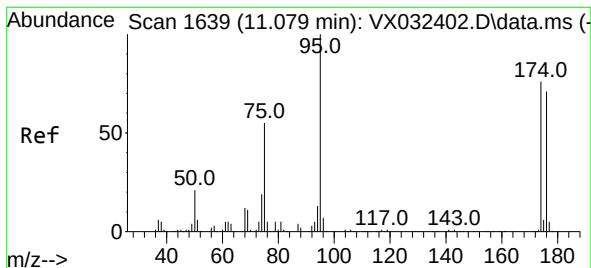
Tgt Ion:130 Resp: 20748
 Ion Ratio Lower Upper
 130 100
 95 97.0 0.0 195.2



#50
 Toluene-d8
 Concen: 49.719 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX032815.D
 Acq: 15 Nov 2022 12:21

Tgt Ion: 98 Resp: 209110
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.9 76.3

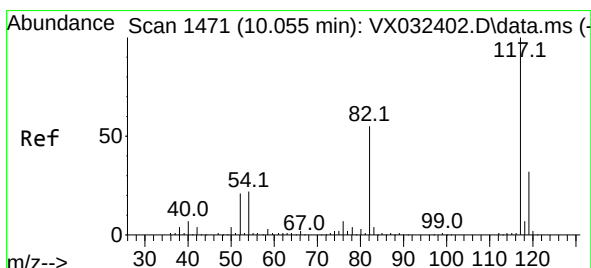
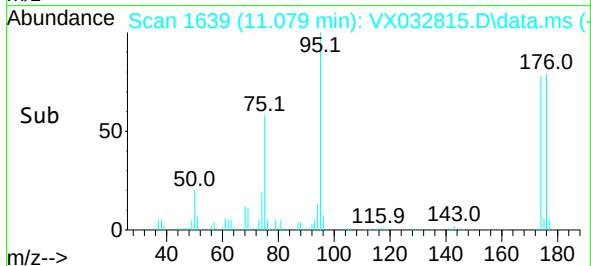
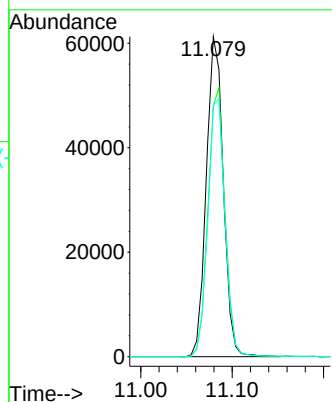
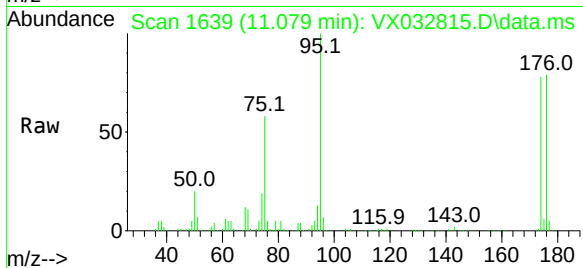




#62
4-Bromofluorobenzene
Concen: 47.961 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032815.D
Acq: 15 Nov 2022 12:21

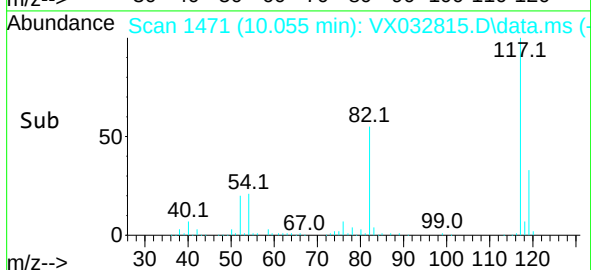
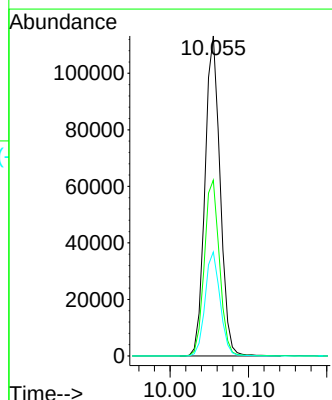
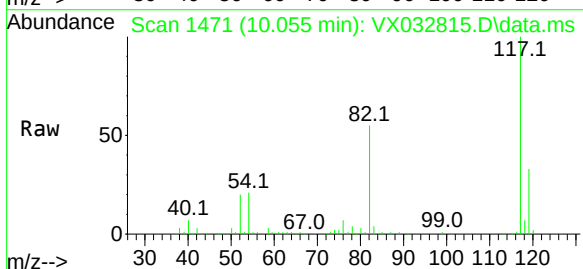
Instrument :
MSVOA_X
ClientSampleId :
20BR-20221109DL

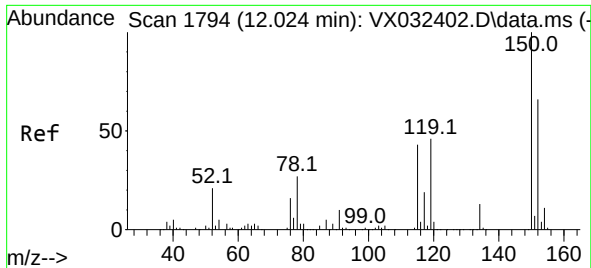
Tgt Ion: 95 Resp: 78795
Ion Ratio Lower Upper
95 100
174 84.3 0.0 164.0
176 81.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032815.D
Acq: 15 Nov 2022 12:21

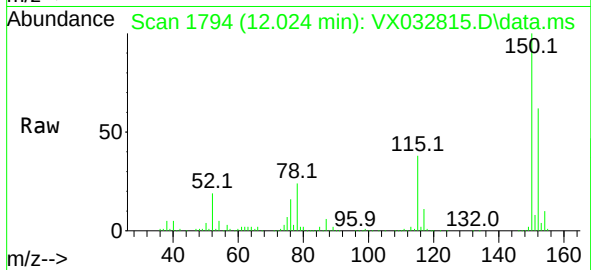
Tgt Ion: 117 Resp: 151731
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.5 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032815.D
 Acq: 15 Nov 2022 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 20BR-20221109DL



Tgt Ion:152 Resp: 70291
 Ion Ratio Lower Upper
 152 100
 115 60.4 44.0 132.0
 150 158.3 0.0 351.8

