

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030983.D
 Acq On : 31 Aug 2022 17:07
 Operator : JC/MD
 Sample : N4245-13DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20220816DL

Quant Time: Sep 01 00:57:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

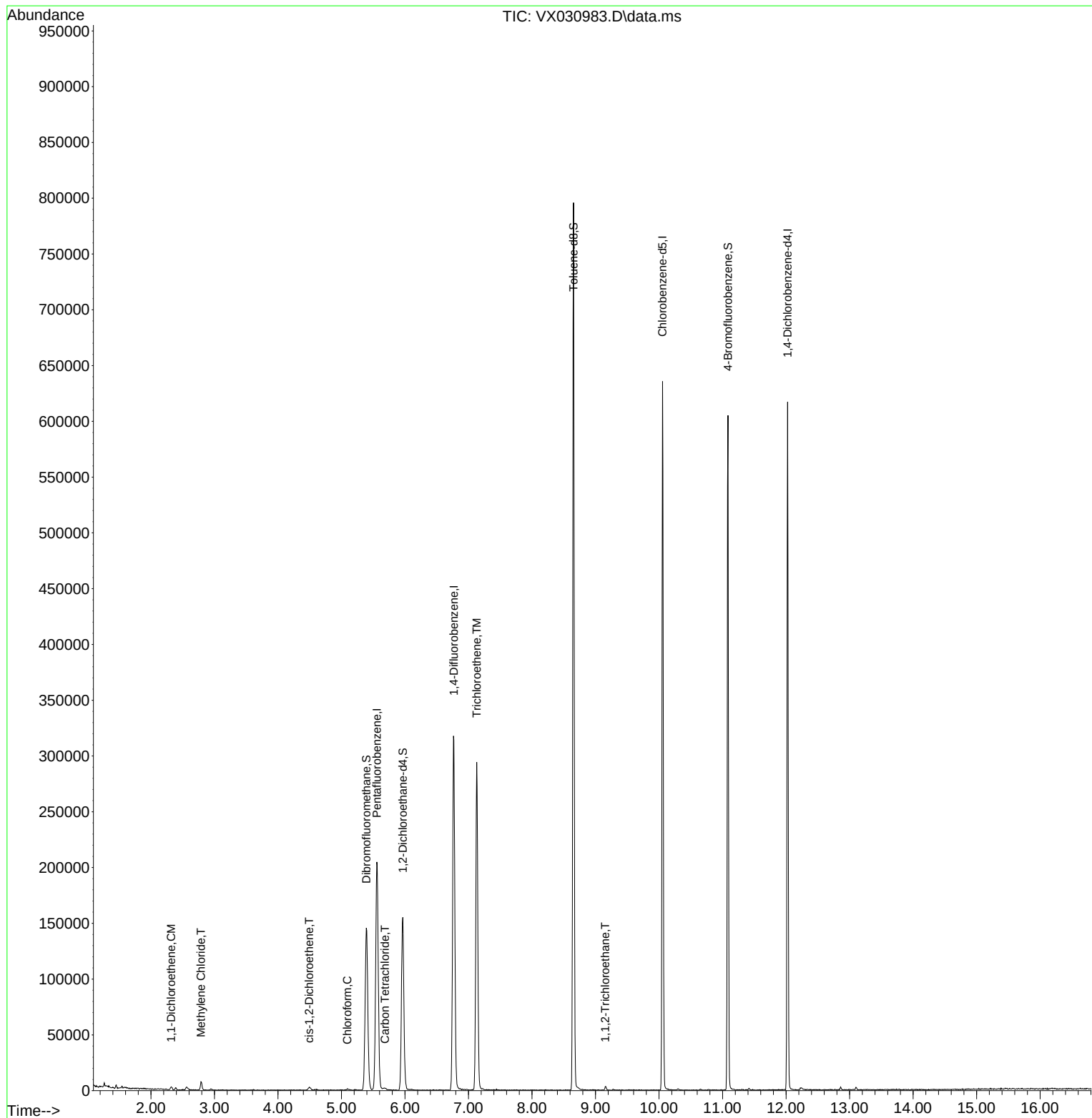
Internal Standards						
1) Pentafluorobenzene	5.556	168	201278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	339180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146747	50.832	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.660%	
35) Dibromofluoromethane	5.391	113	132006	52.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.600%	
50) Toluene-d8	8.653	98	482994	52.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	11.085	95	164495	49.888	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.780%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	928	0.379	ug/l #	73
20) Methylene Chloride	2.788	84	3370	1.138	ug/l	87
27) cis-1,2-Dichloroethene	4.489	96	1694	0.554	ug/l	94
30) Chloroform	5.093	83	1086	0.219	ug/l	84
38) Carbon Tetrachloride	5.684	117	1735	0.490	ug/l #	79
44) Trichloroethene	7.129	130	118656	37.605	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	1046	0.368	ug/l #	80

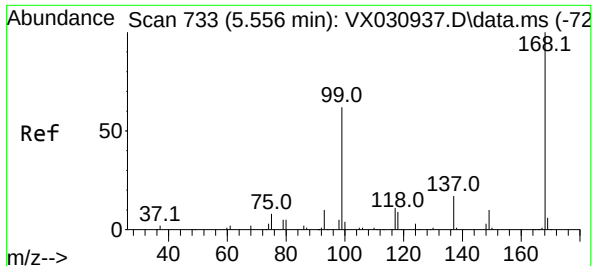
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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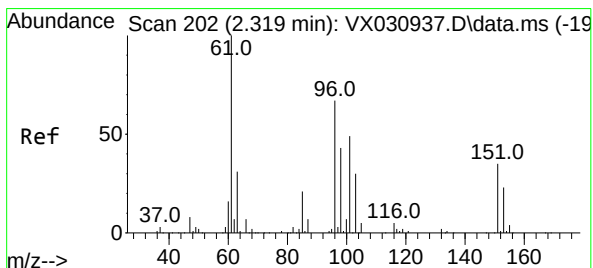
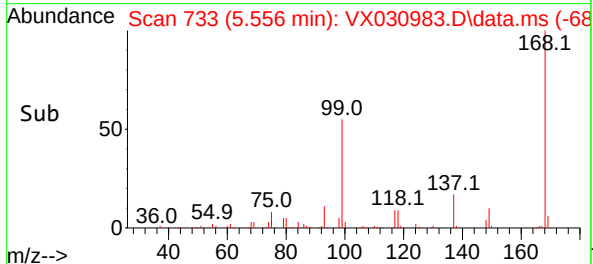
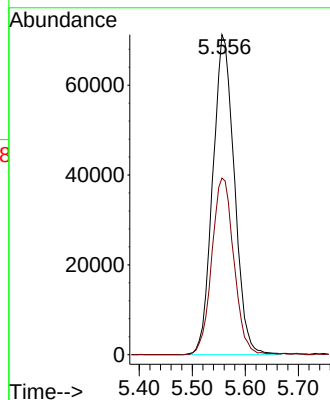
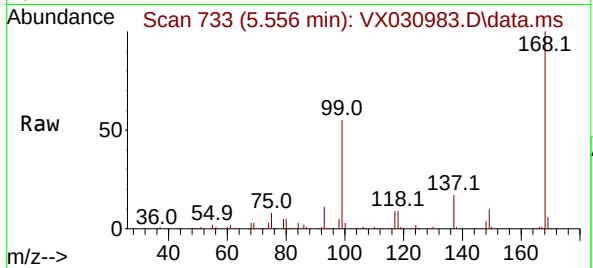




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

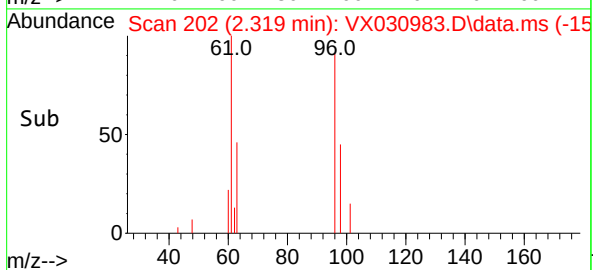
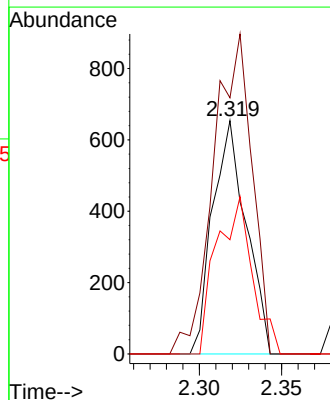
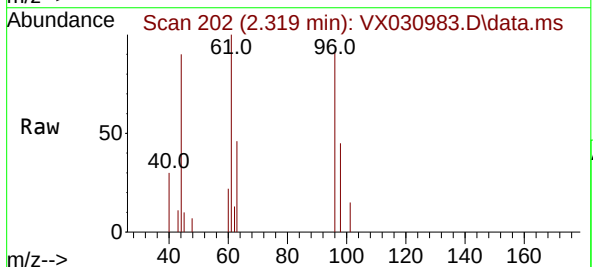
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220816DL

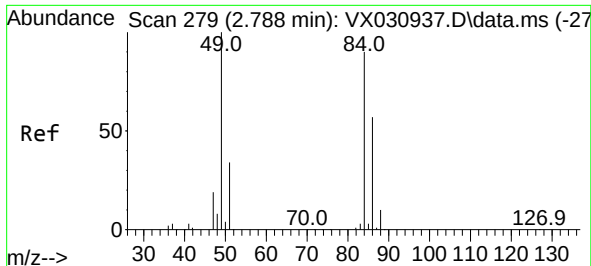
Tgt Ion:168 Resp: 201278
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#12
1,1-Dichloroethene
Concen: 0.379 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

Tgt Ion: 96 Resp: 928
Ion Ratio Lower Upper
96 100
61 109.8 117.4 176.0#
98 48.9 52.2 78.4#

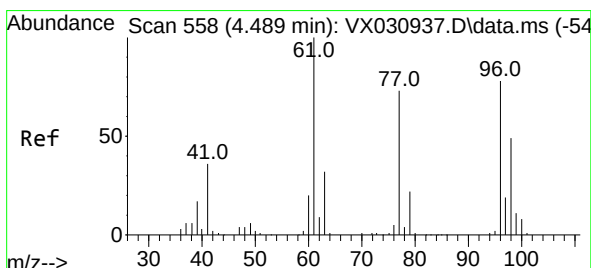
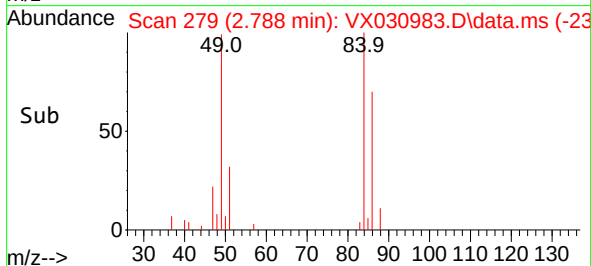
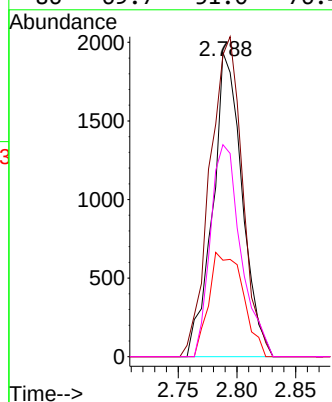
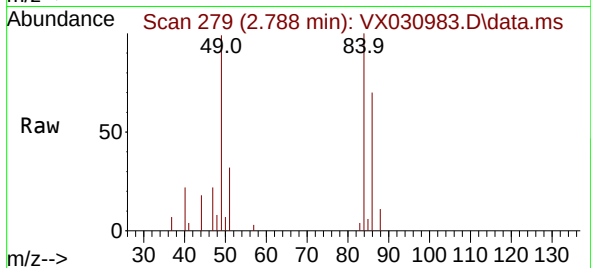




#20
Methylene Chloride
Concen: 1.138 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

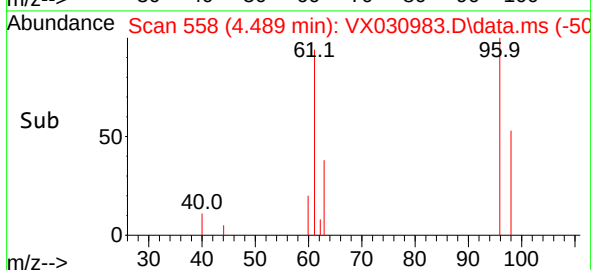
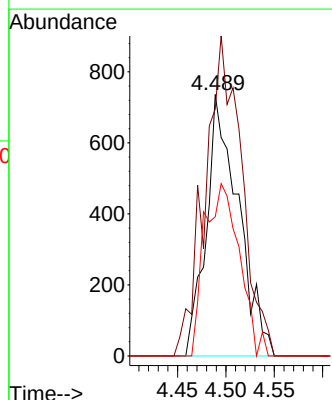
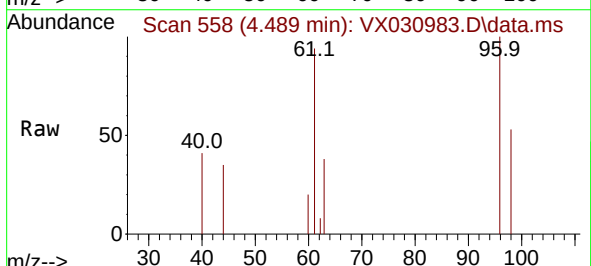
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220816DL

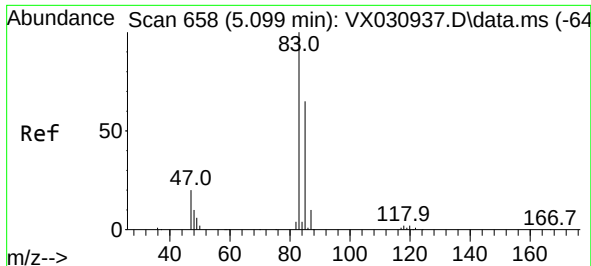
Tgt Ion: 84	Resp:	3370	
Ion	Ratio	Lower	Upper
84	100		
49	99.2	93.8	140.6
51	31.7	29.4	44.0
86	69.7	51.0	76.4



#27
cis-1,2-Dichloroethene
Concen: 0.554 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

Tgt Ion: 96	Resp:	1694	
Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	270.0
98	72.0	0.0	127.8





#30

Chloroform

Concen: 0.219 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX030983.D

Acq: 31 Aug 2022 17:07

Instrument :

MSVOA_X

ClientSampleId :

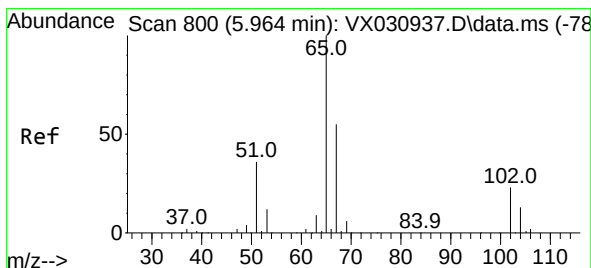
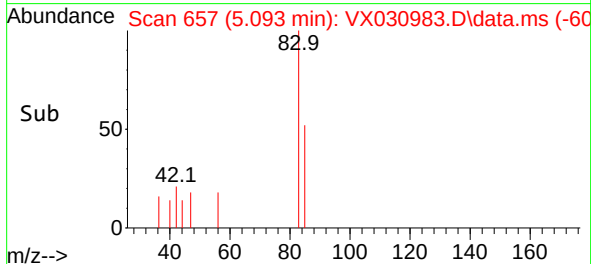
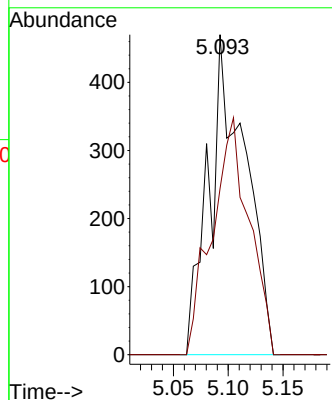
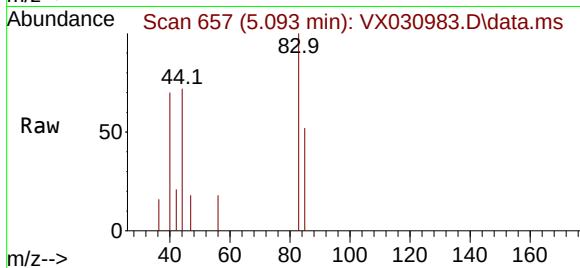
DUP04-20220816DL

Tgt Ion: 83 Resp: 1086

Ion Ratio Lower Upper

83 100

85 51.9 51.5 77.3



#33

1,2-Dichloroethane-d4

Concen: 50.832 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030983.D

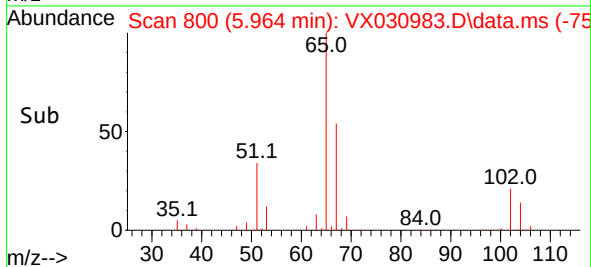
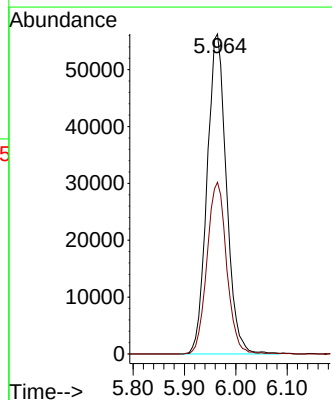
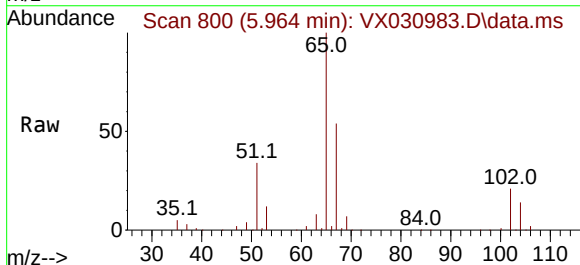
Acq: 31 Aug 2022 17:07

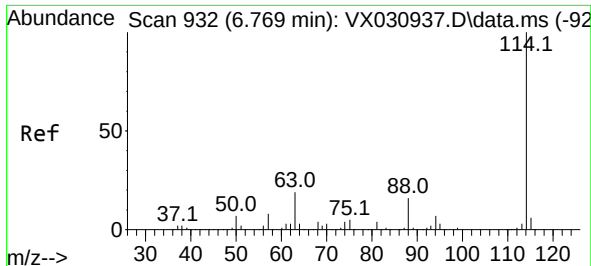
Tgt Ion: 65 Resp: 146747

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6

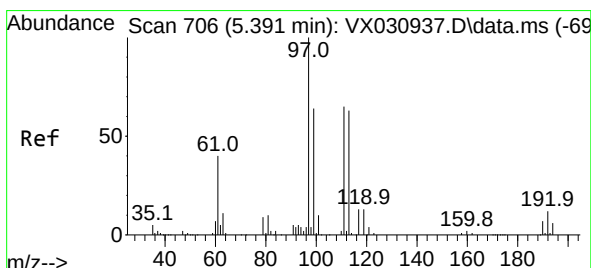
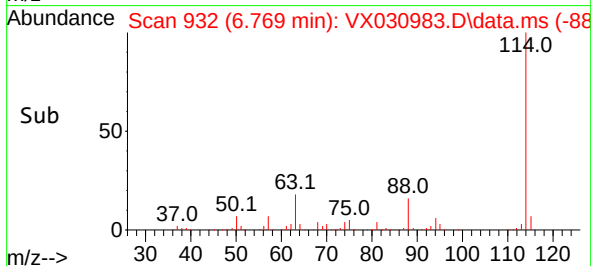
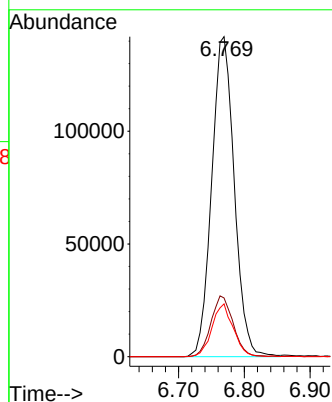
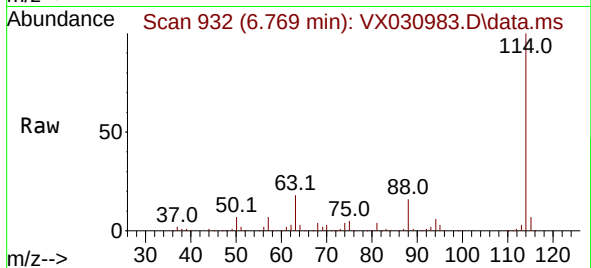




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

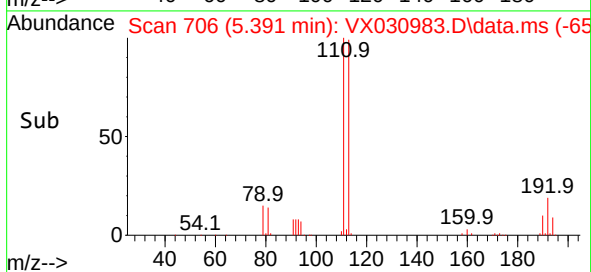
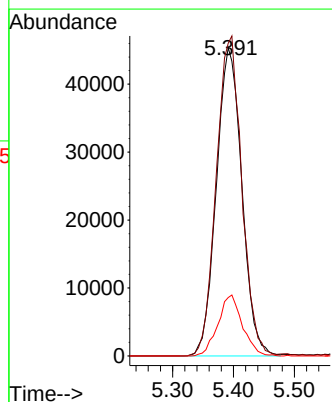
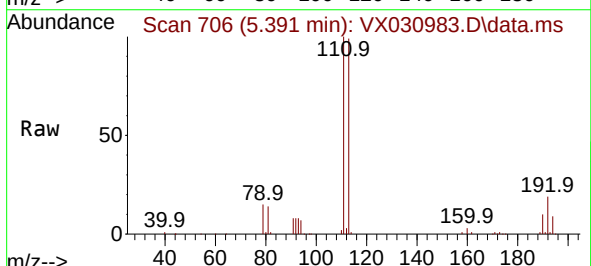
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220816DL

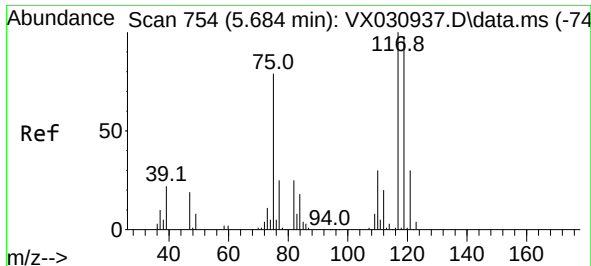
Tgt Ion:114 Resp: 339180
Ion Ratio Lower Upper
114 100
63 18.3 0.0 38.4
88 16.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.797 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

Tgt Ion:113 Resp: 132006
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 19.0 14.8 22.2

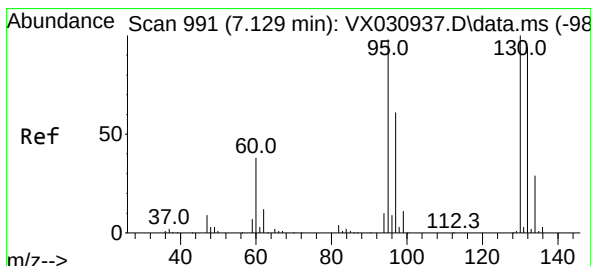
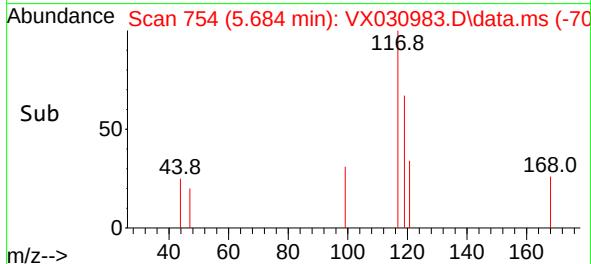
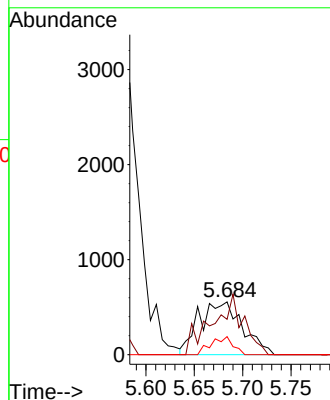
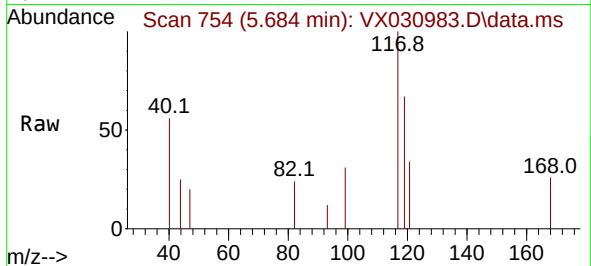




#38
Carbon Tetrachloride
Concen: 0.490 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

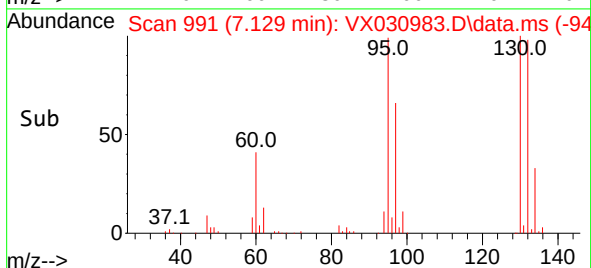
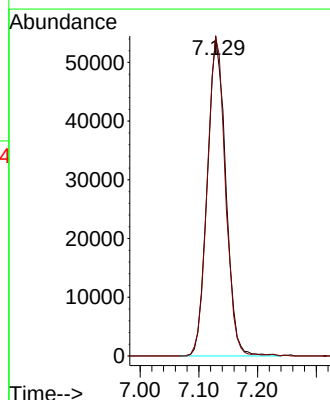
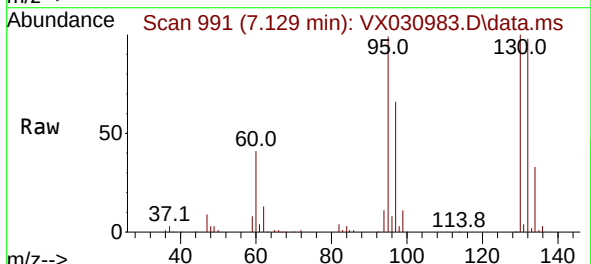
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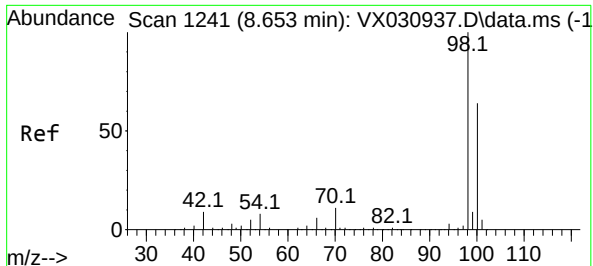
Tgt Ion:117 Resp: 1735
Ion Ratio Lower Upper
117 100
119 66.9 74.1 111.1#
121 34.2 25.8 38.8



#44
Trichloroethene
Concen: 37.605 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

Tgt Ion:130 Resp: 118656
Ion Ratio Lower Upper
130 100
95 99.5 0.0 194.8

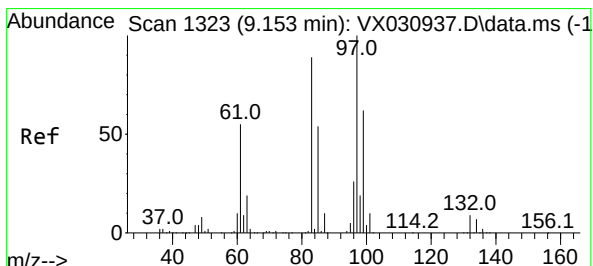
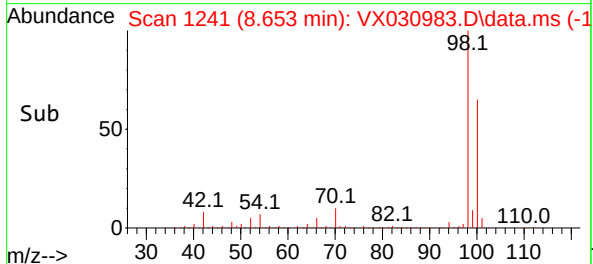
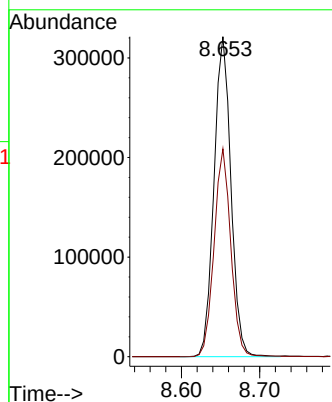
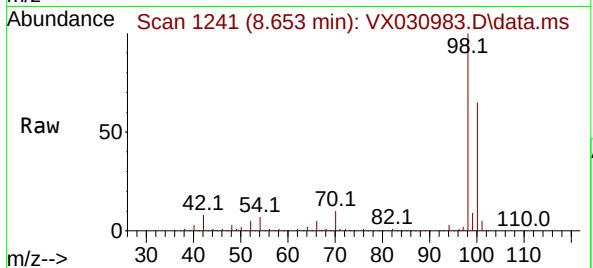




#50
Toluene-d8
Concen: 52.163 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

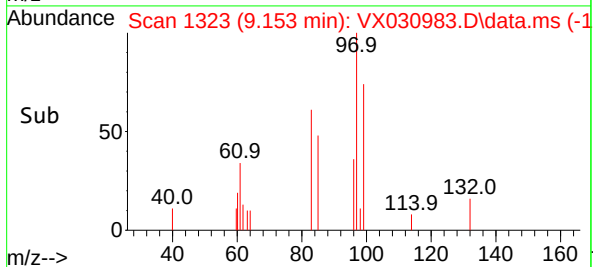
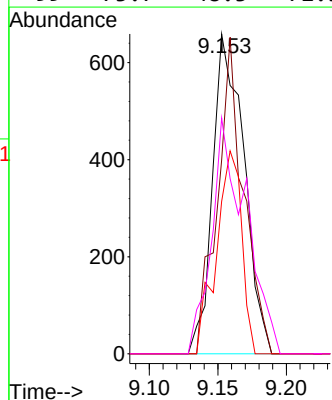
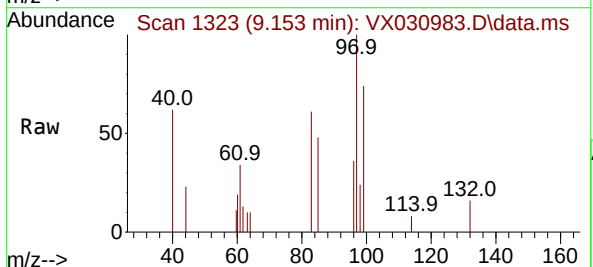
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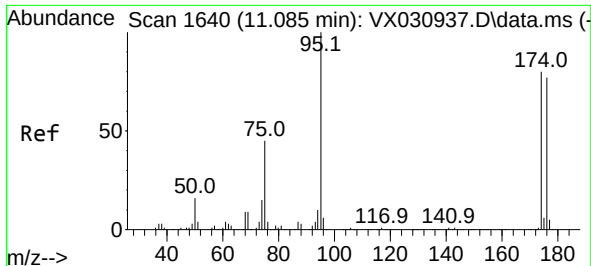
Tgt Ion: 98 Resp: 482994
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#55
1,1,2-Trichloroethane
Concen: 0.368 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

Tgt Ion: 97 Resp: 1046
Ion Ratio Lower Upper
97 100
83 60.5 68.9 103.3#
85 47.6 44.0 66.0
99 73.7 48.3 72.5#

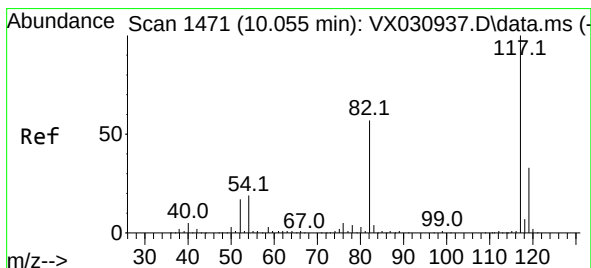
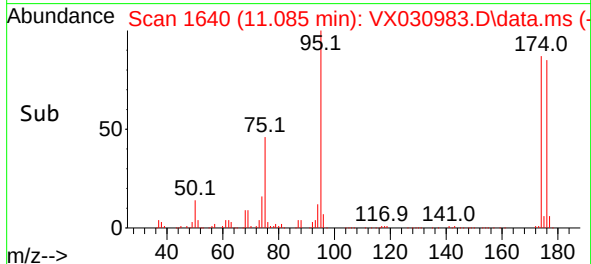
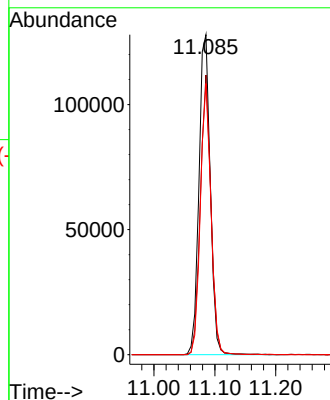
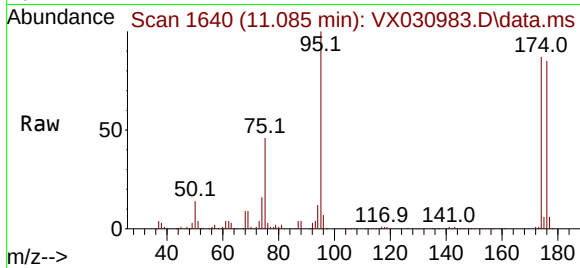




#62
4-Bromofluorobenzene
Concen: 49.888 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

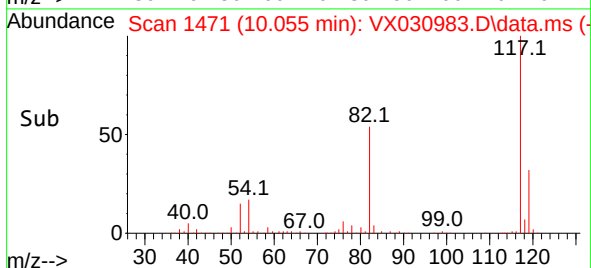
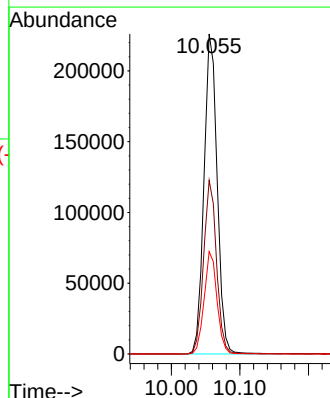
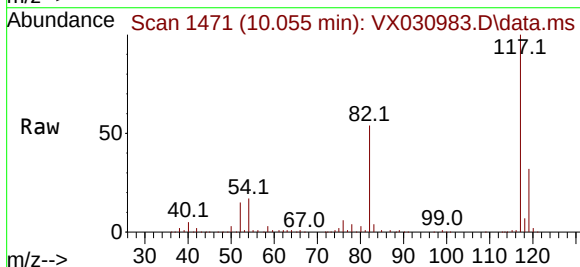
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220816DL

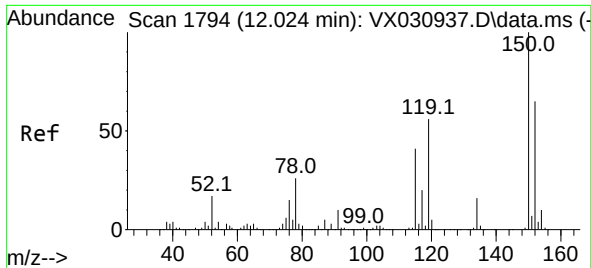
Tgt Ion: 95 Resp: 164495
Ion Ratio Lower Upper
95 100
174 82.3 0.0 149.0
176 79.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030983.D
Acq: 31 Aug 2022 17:07

Tgt Ion: 117 Resp: 303713
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030983.D

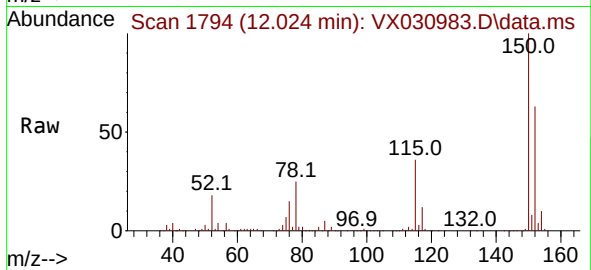
Acq: 31 Aug 2022 17:07

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220816DL



Tgt Ion:152 Resp: 134211

Ion Ratio Lower Upper

152 100

115 59.1 40.5 121.5

150 158.5 0.0 347.0

