

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034443.D
 Acq On : 13 Mar 2023 19:20
 Operator : JC/MD
 Sample : 01879-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20230309

Quant Time: Mar 14 02:29:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

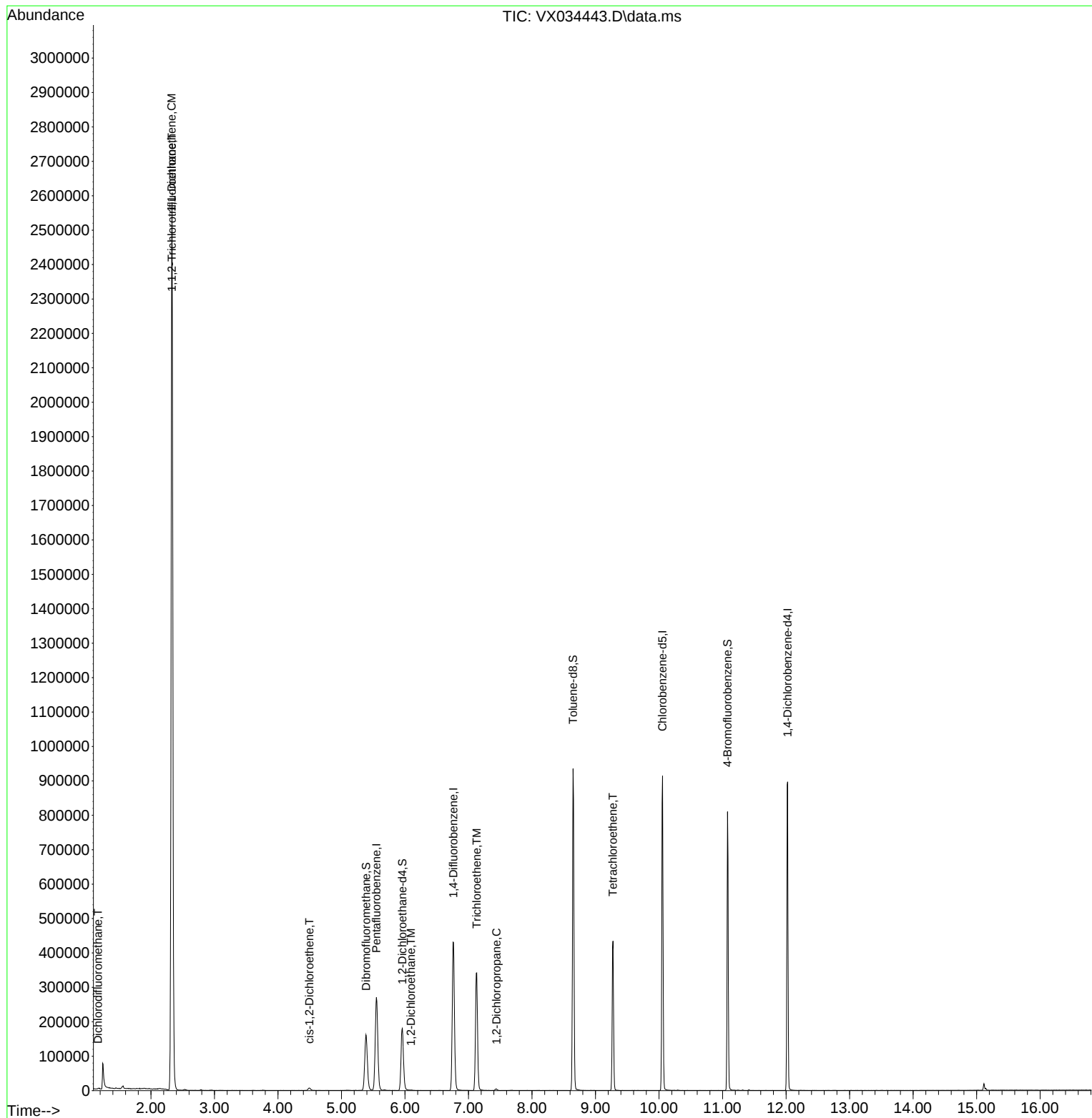
Internal Standards						
1) Pentafluorobenzene	5.550	168	260693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172021	45.358	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.720%
35) Dibromofluoromethane	5.385	113	139420	47.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	8.647	98	537198	48.787	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	207319	46.614	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.220%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	647	0.266	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	1014649	350.144	ug/l	100
12) 1,1-Dichloroethene	2.325	96	6420	2.250	ug/l #	69
27) cis-1,2-Dichloroethene	4.495	96	4730	1.296	ug/l	87
42) 1,2-Dichloroethane	6.092	62	1110	0.228	ug/l	88
44) Trichloroethene	7.129	130	136260	39.570	ug/l	98
45) 1,2-Dichloropropane	7.439	63	2073	0.599	ug/l	98
64) Tetrachloroethene	9.275	164	80510	29.504	ug/l	97

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

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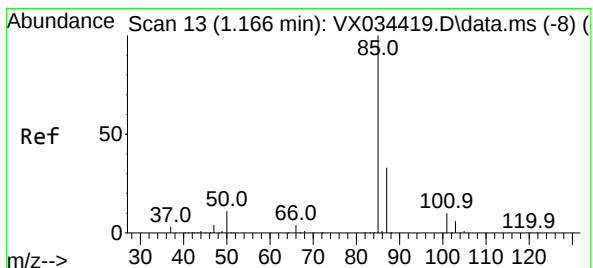
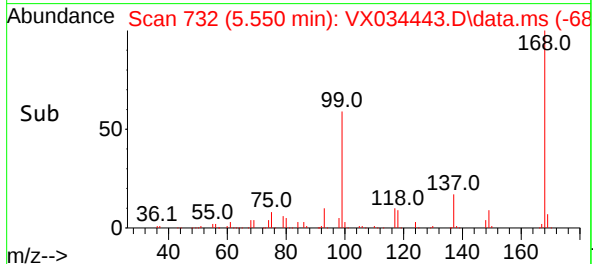
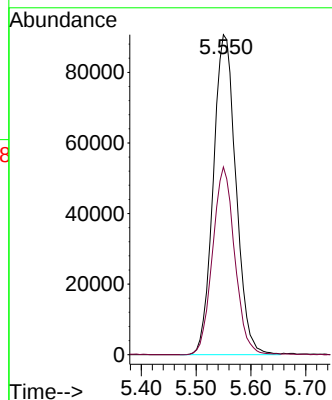
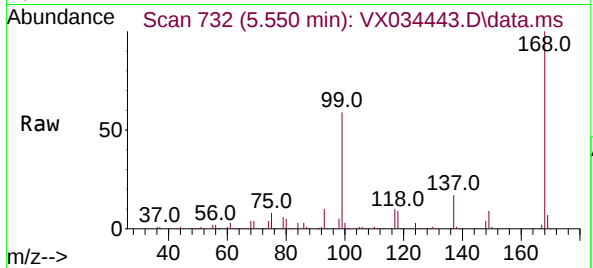




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034443.D
Acq: 13 Mar 2023 19:20

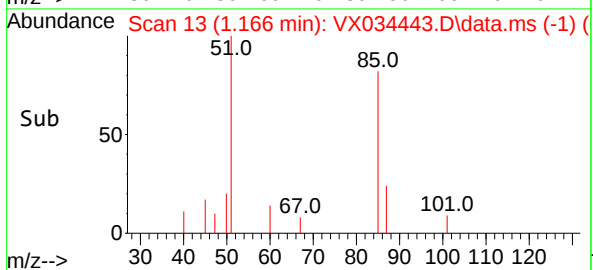
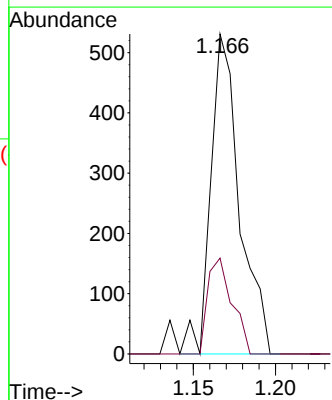
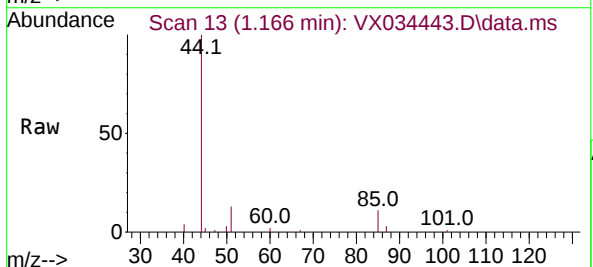
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230309

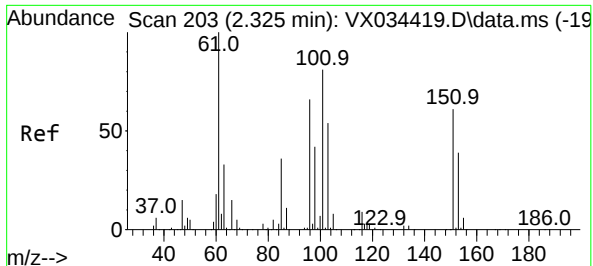
Tgt Ion:168 Resp: 260693
Ion Ratio Lower Upper
168 100
99 58.7 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 0.266 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034443.D
Acq: 13 Mar 2023 19:20

Tgt Ion: 85 Resp: 647
Ion Ratio Lower Upper
85 100
87 29.9 16.4 49.1

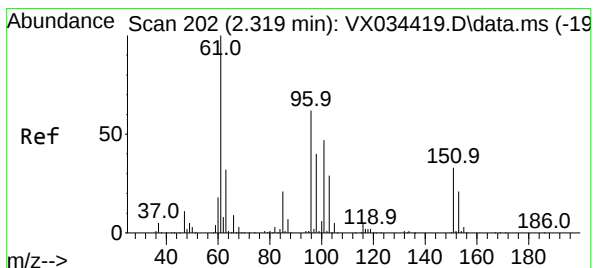
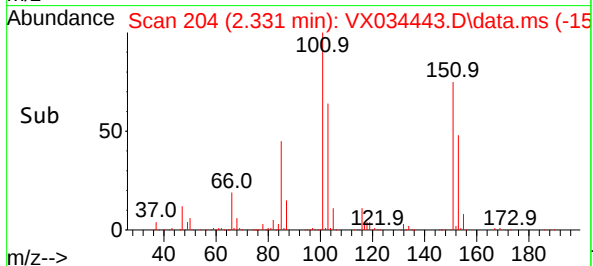
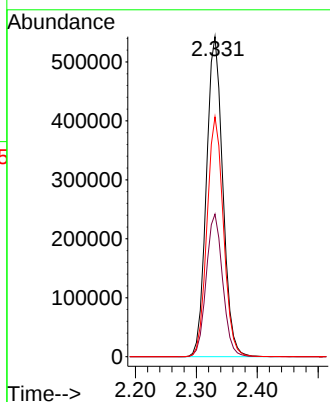
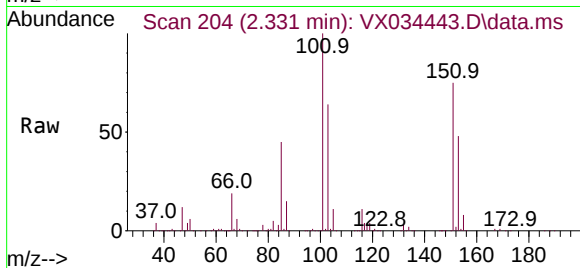




#9
1,1,2-Trichlorotrifluoroethane
Concen: 350.144 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034443.D
Acq: 13 Mar 2023 19:20

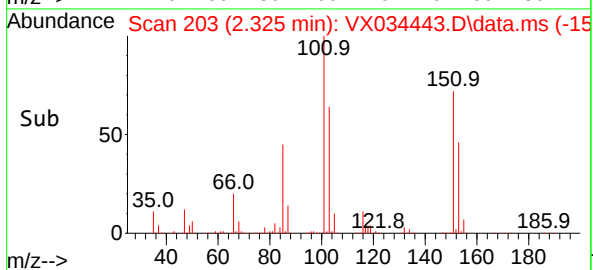
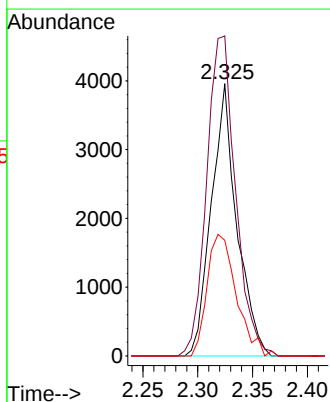
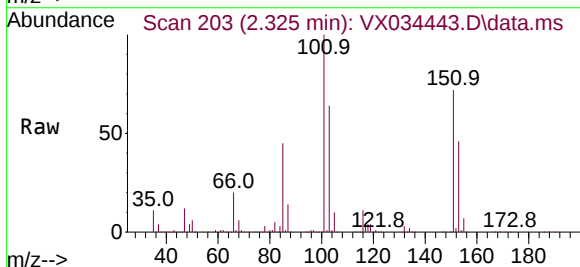
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230309

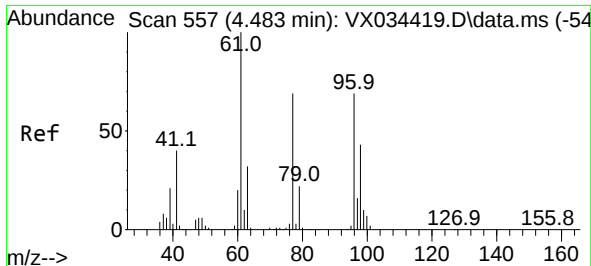
Tgt Ion:101 Resp: 1014649
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.2
151 75.4 60.2 90.4



#12
1,1-Dichloroethene
Concen: 2.250 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034443.D
Acq: 13 Mar 2023 19:20

Tgt Ion: 96 Resp: 6420
Ion Ratio Lower Upper
96 100
61 117.5 128.8 193.2#
98 42.5 51.4 77.0#





#27

cis-1,2-Dichloroethene

Concen: 1.296 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034443.D

Acq: 13 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20230309

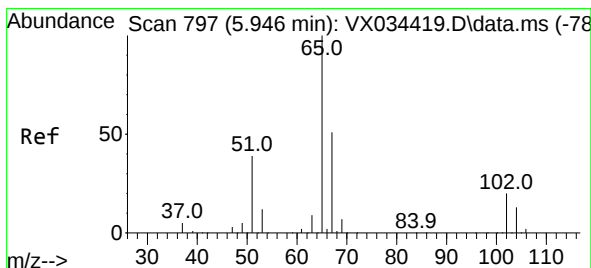
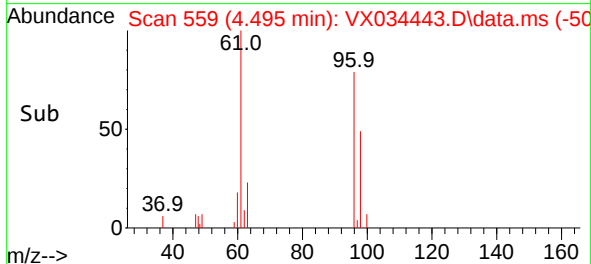
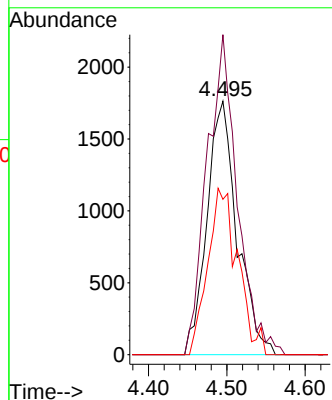
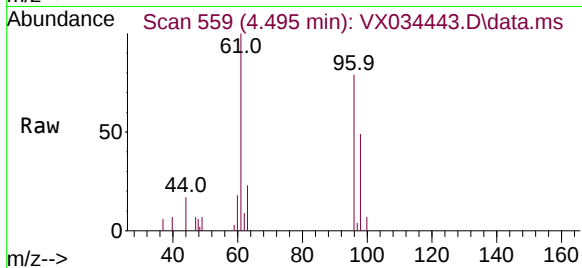
Tgt Ion: 96 Resp: 4730

Ion Ratio Lower Upper

96 100

61 126.8 0.0 300.4

98 65.3 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 45.358 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.012 min

Lab File: VX034443.D

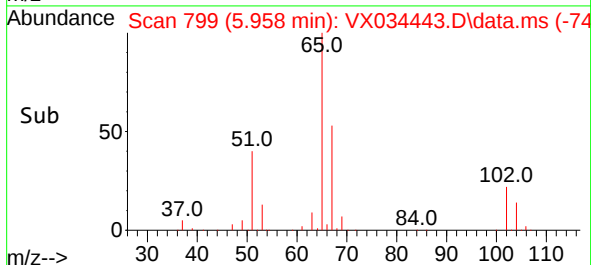
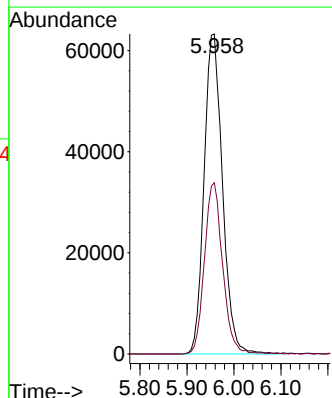
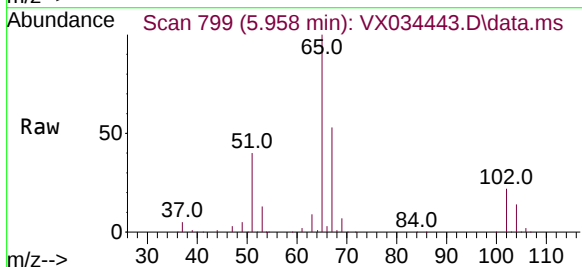
Acq: 13 Mar 2023 19:20

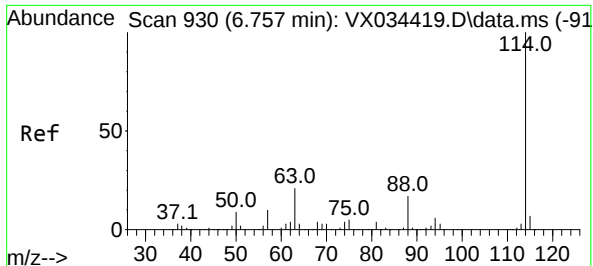
Tgt Ion: 65 Resp: 172021

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.0

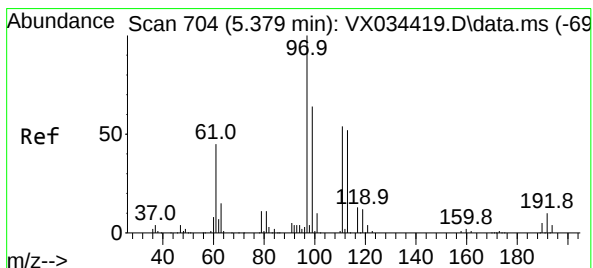
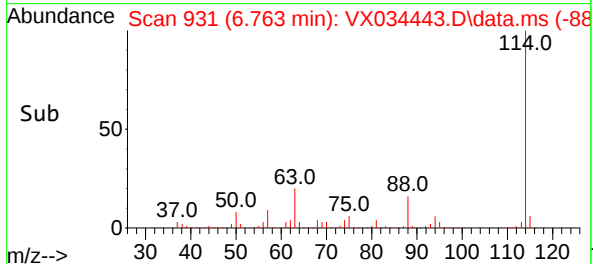
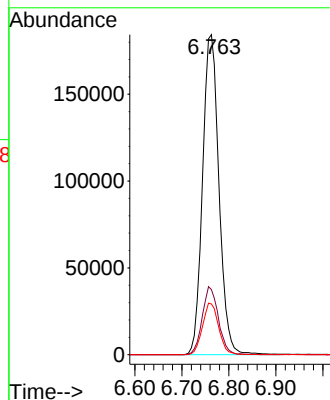
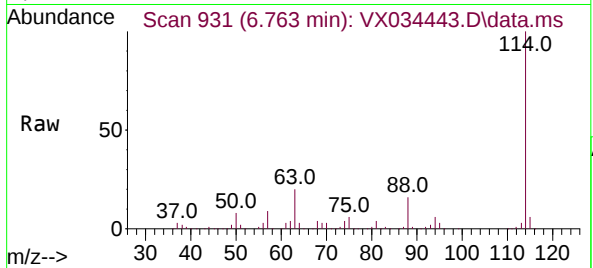




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034443.D
Acq: 13 Mar 2023 19:20

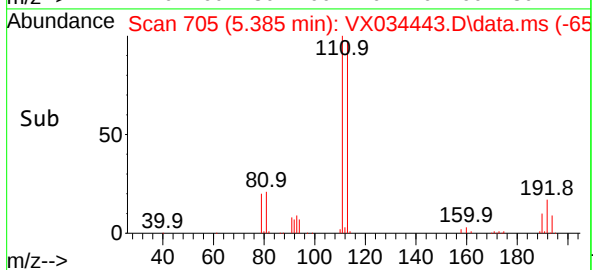
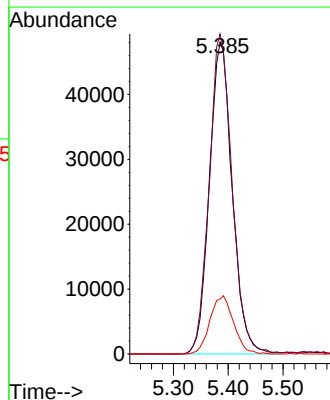
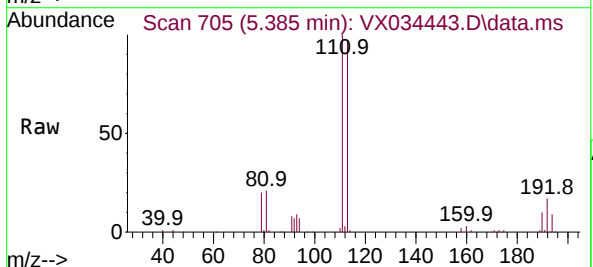
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230309

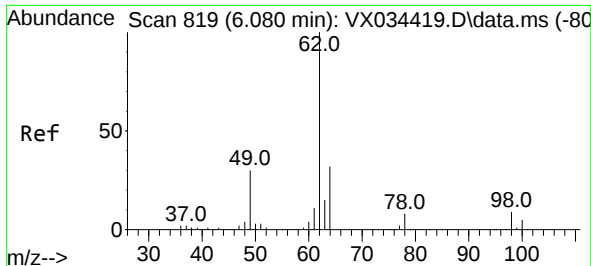
Tgt Ion:114 Resp: 446741
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.2
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034443.D
Acq: 13 Mar 2023 19:20

Tgt Ion:113 Resp: 139420
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 19.2 15.4 23.2





#42

1,2-Dichloroethane

Concen: 0.228 ug/l

RT: 6.092 min Scan# 819

Delta R.T. 0.012 min

Lab File: VX034443.D

Acq: 13 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

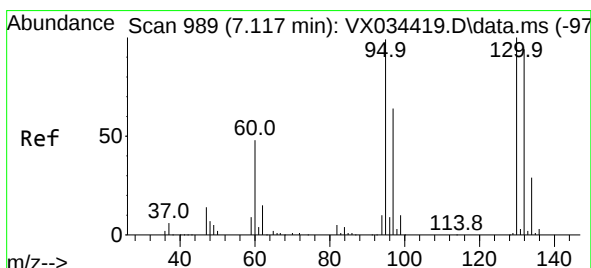
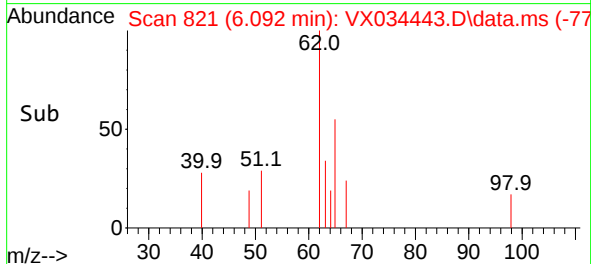
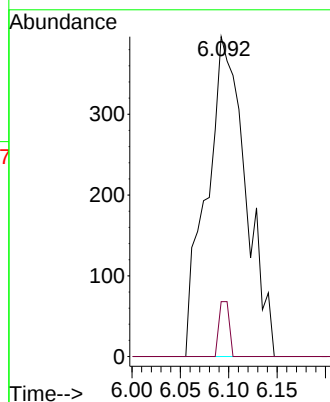
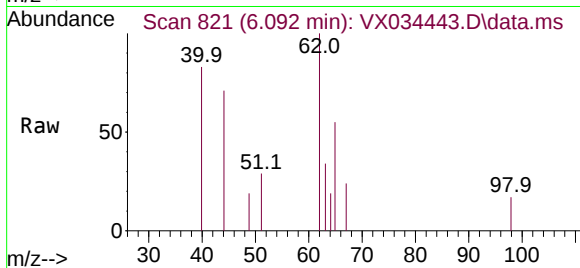
RE134D4-20230309

Tgt Ion: 62 Resp: 1110

Ion Ratio Lower Upper

62 100

98 4.5 0.0 18.0



#44

Trichloroethene

Concen: 39.570 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.012 min

Lab File: VX034443.D

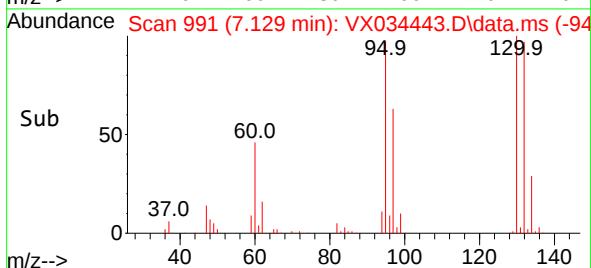
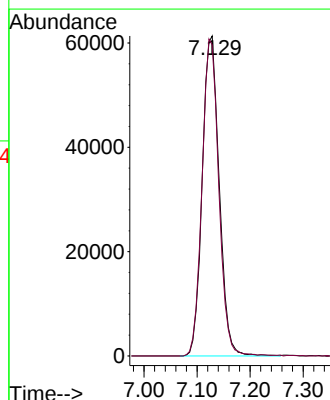
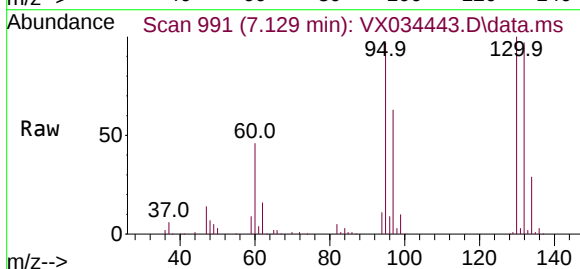
Acq: 13 Mar 2023 19:20

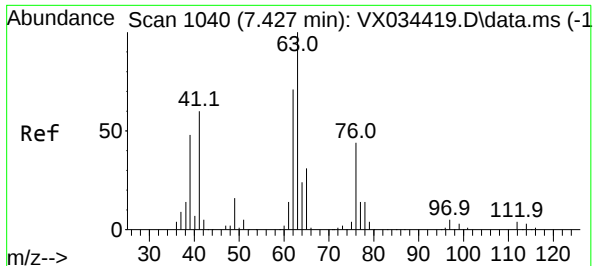
Tgt Ion:130 Resp: 136260

Ion Ratio Lower Upper

130 100

95 97.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 0.599 ug/l

RT: 7.439 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX034443.D

Acq: 13 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

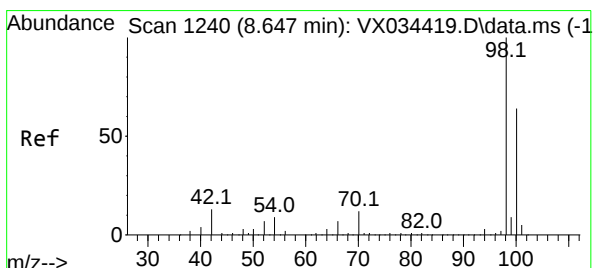
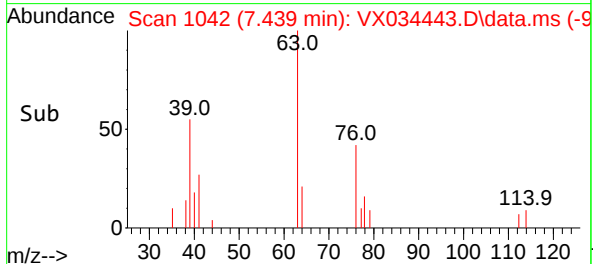
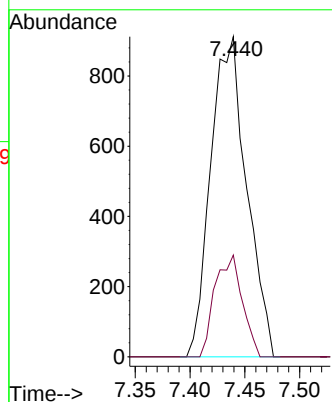
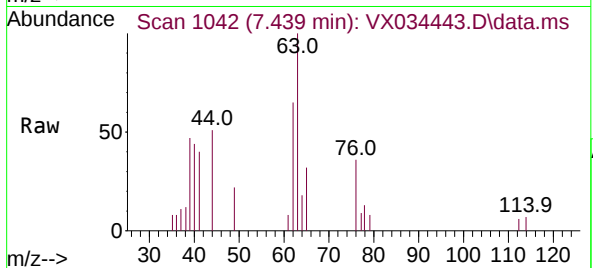
RE134D4-20230309

Tgt Ion: 63 Resp: 2073

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0



#50

Toluene-d8

Concen: 48.787 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034443.D

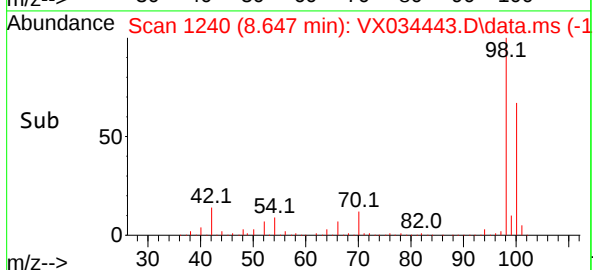
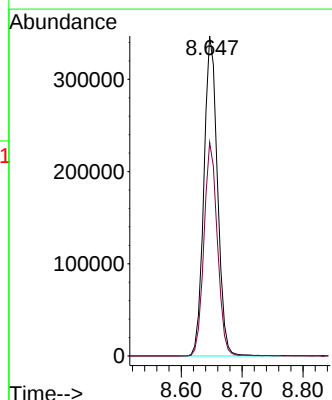
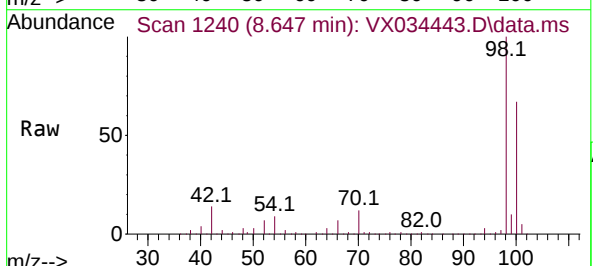
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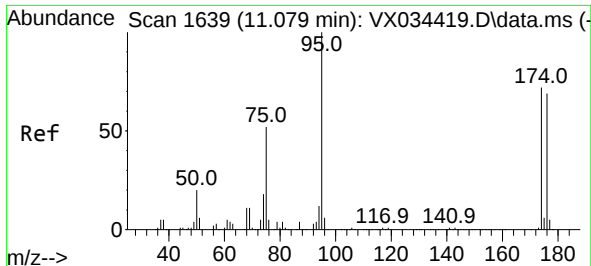
Tgt Ion: 98 Resp: 537198

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7

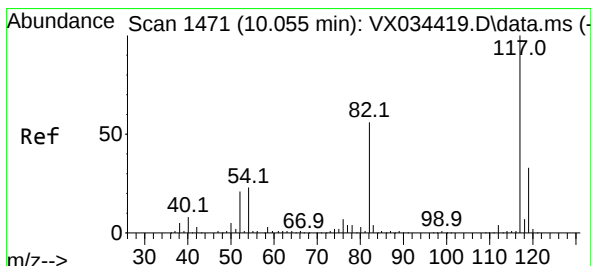
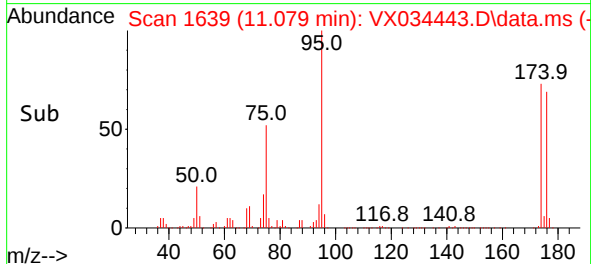
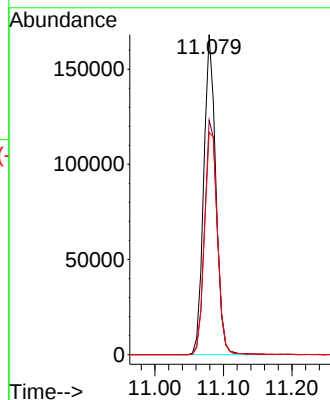
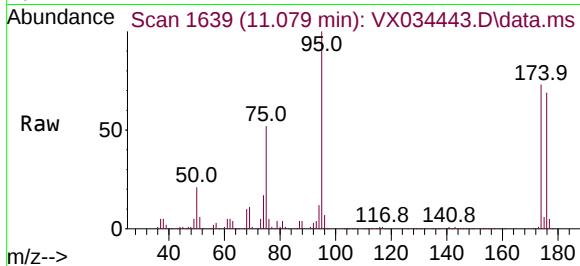




#62
4-Bromofluorobenzene
Concen: 46.614 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034443.D
Acq: 13 Mar 2023 19:20

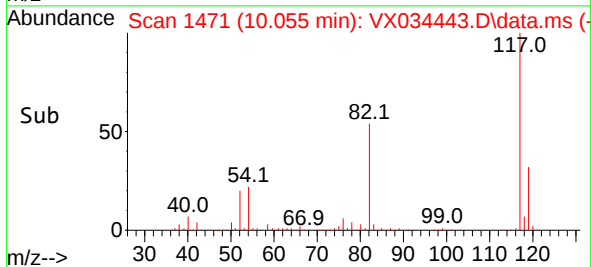
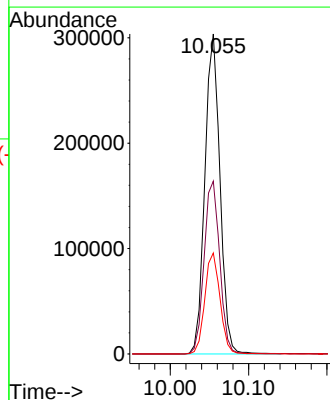
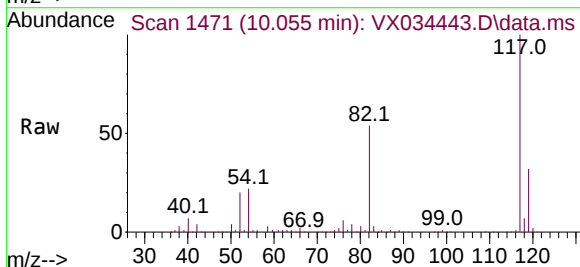
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230309

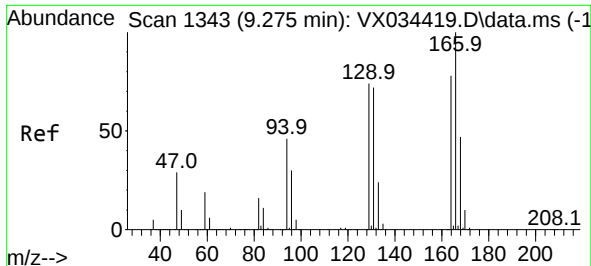
Tgt Ion: 95 Resp: 207319
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.4
176 74.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034443.D
Acq: 13 Mar 2023 19:20

Tgt Ion: 117 Resp: 406232
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 31.6 26.0 39.0

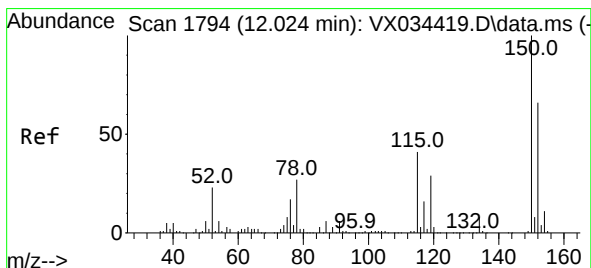
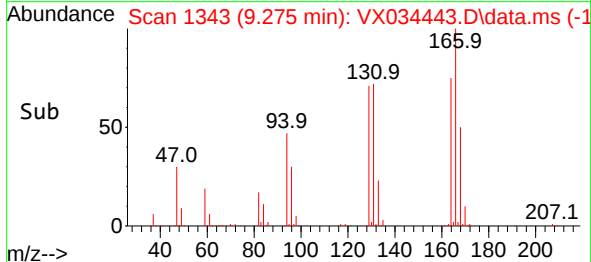
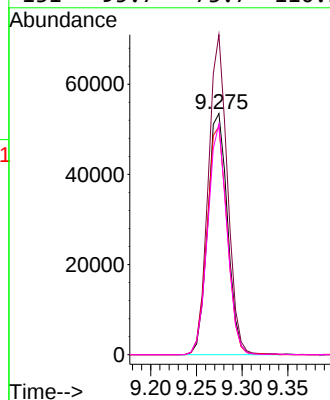
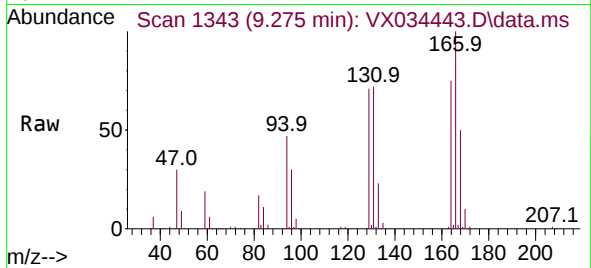




#64
Tetrachloroethene
Concen: 29.504 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034443.D
Acq: 13 Mar 2023 19:20

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20230309

Tgt Ion:164 Resp: 80510
Ion Ratio Lower Upper
164 100
166 132.7 102.7 154.1
129 94.6 75.6 113.4
131 95.7 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034443.D
Acq: 13 Mar 2023 19:20

Tgt Ion:152 Resp: 185753
Ion Ratio Lower Upper
152 100
115 59.7 45.0 135.0
150 156.7 0.0 352.4

