

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027593.D
 Acq On : 21 Mar 2022 18:00
 Operator : JC/MD
 Sample : N2000-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-132D3-20220315

Quant Time: Mar 22 05:48:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

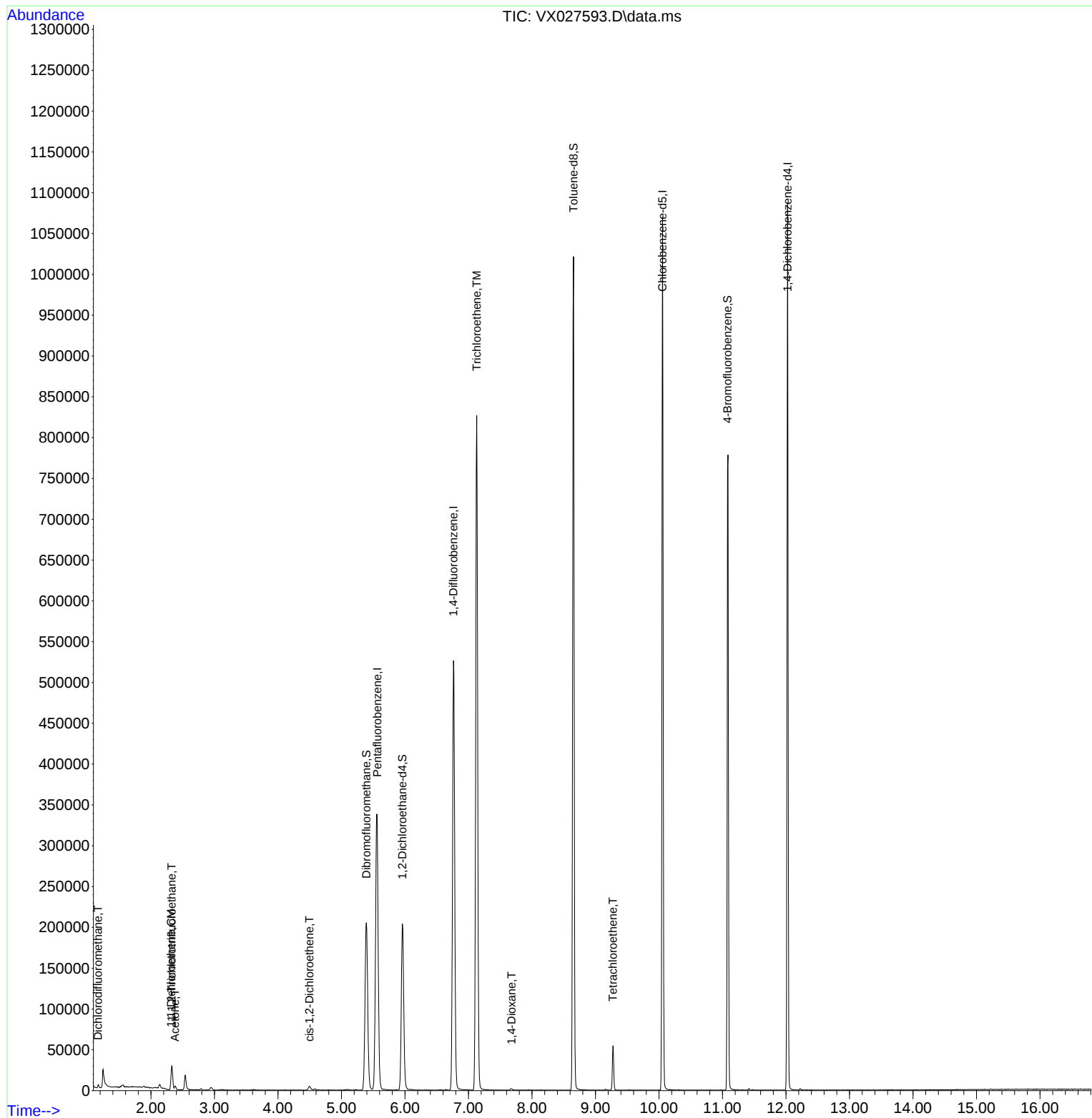
Internal Standards						
1) Pentafluorobenzene	5.562	168	343062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	567169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198782	47.036	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.080%
35) Dibromofluoromethane	5.391	113	187254	51.316	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.640%
50) Toluene-d8	8.653	98	651939	47.213	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.420%
62) 4-Bromofluorobenzene	11.079	95	223021	43.942	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1581	0.480	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	10784	3.248	ug/l	93
12) 1,1-Dichloroethene	2.319	96	1425	0.447	ug/l	94
16) Acetone	2.380	43	4462	2.590	ug/l #	85
27) cis-1,2-Dichloroethene	4.495	96	3317	0.842	ug/l	84
44) Trichloroethene	7.129	130	340178	78.329	ug/l	99
49) 1,4-Dioxane	7.678	88	1494	14.697	ug/l	92
64) Tetrachloroethene	9.275	164	11501	2.914	ug/l	94

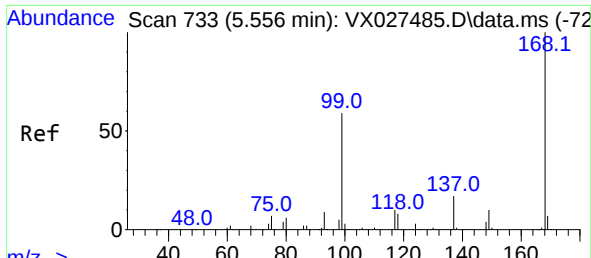
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE-132D3-20220315

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Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX027593.D

Acq: 21 Mar 2022 18:00

Instrument :

MSVOA_X

ClientSampleId :

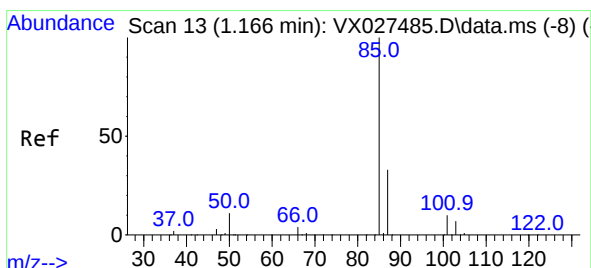
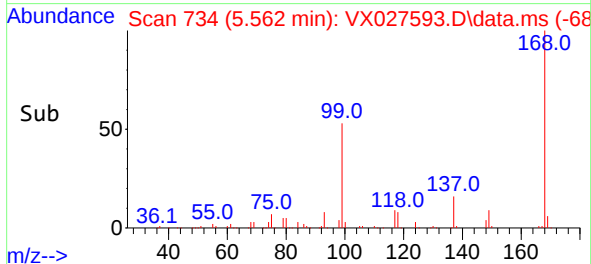
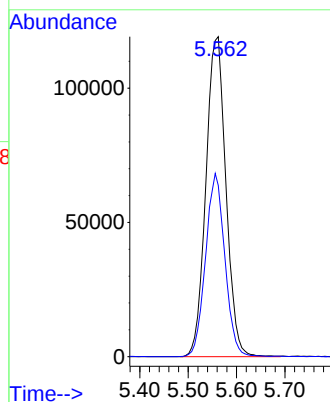
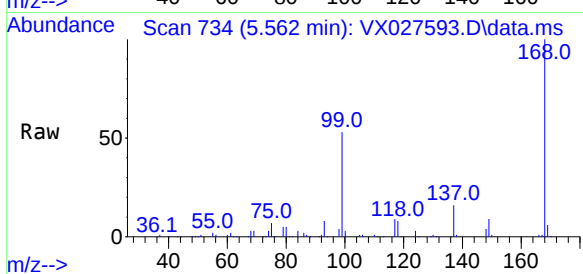
RE-132D3-20220315

Tgt Ion:168 Resp: 343062

Ion Ratio Lower Upper

168 100

99 53.4 41.7 62.5



#2

Dichlorodifluoromethane

Concen: 0.480 ug/l

RT: 1.167 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX027593.D

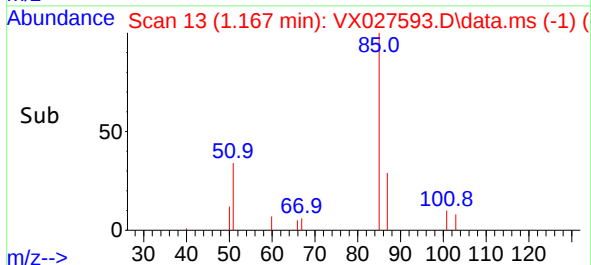
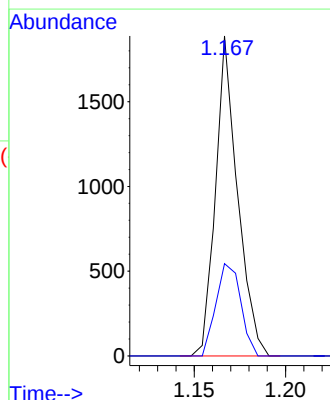
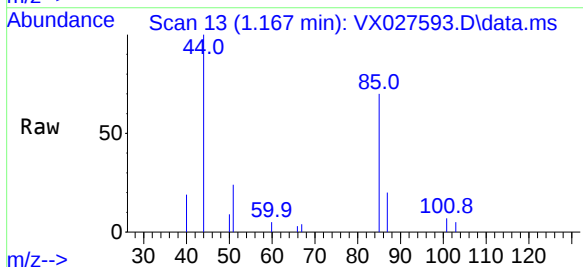
Acq: 21 Mar 2022 18:00

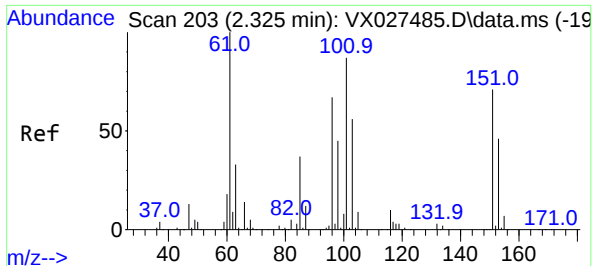
Tgt Ion: 85 Resp: 1581

Ion Ratio Lower Upper

85 100

87 28.8 16.2 48.6

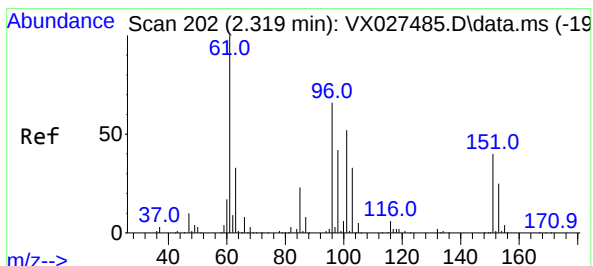
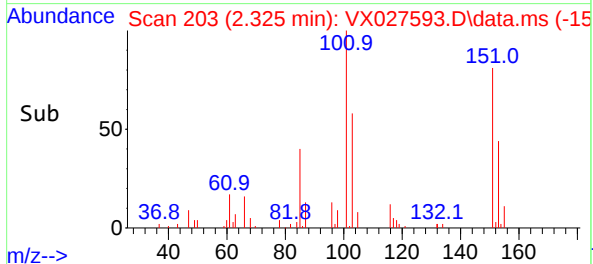
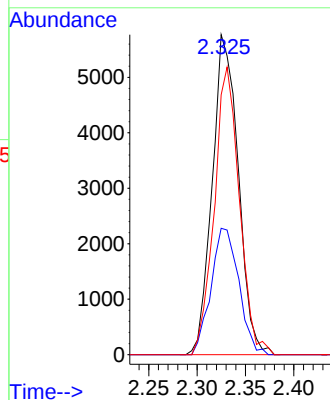
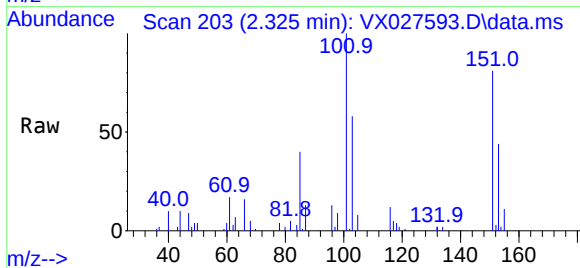




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.248 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027593.D
Acq: 21 Mar 2022 18:00

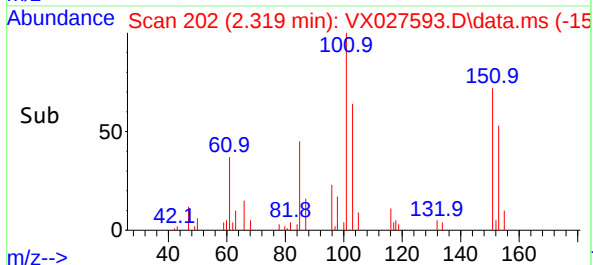
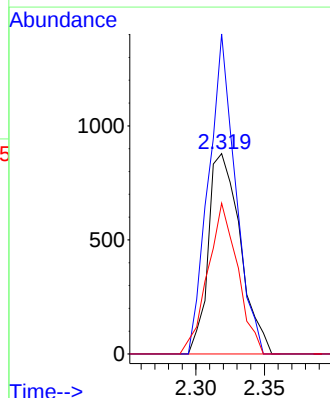
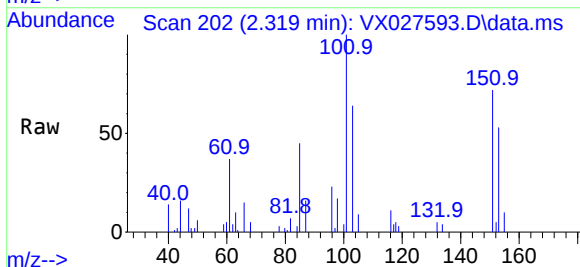
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

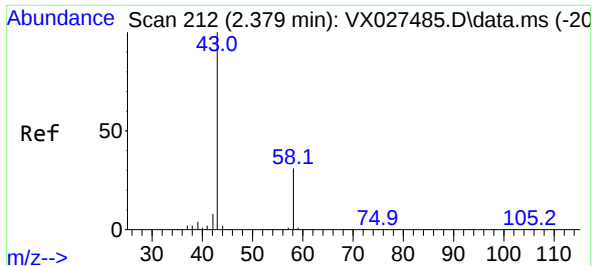
Tgt Ion:101 Resp: 10784
Ion Ratio Lower Upper
101 100
85 42.2 33.5 50.3
151 86.7 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.447 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027593.D
Acq: 21 Mar 2022 18:00

Tgt Ion: 96 Resp: 1425
Ion Ratio Lower Upper
96 100
61 159.8 124.6 187.0
98 75.3 51.0 76.4

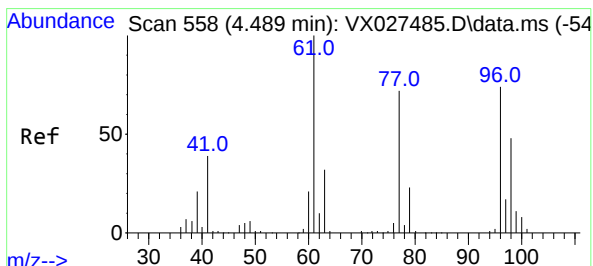
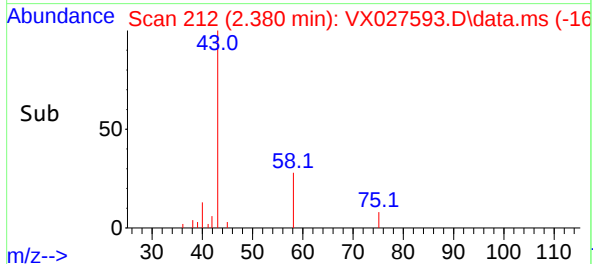
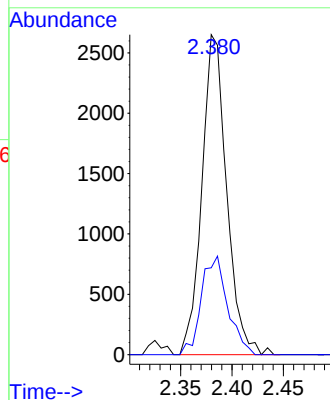
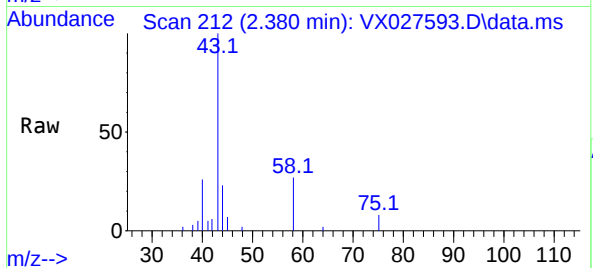




#16
Acetone
Concen: 2.590 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027593.D
Acq: 21 Mar 2022 18:00

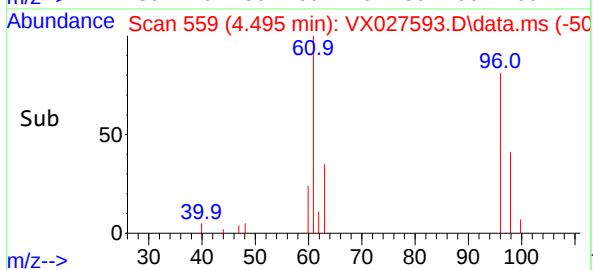
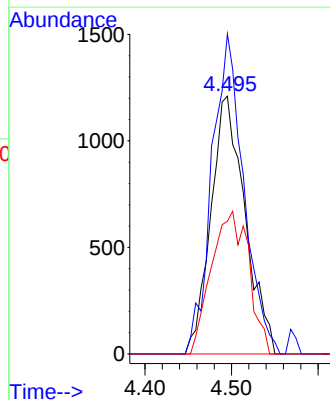
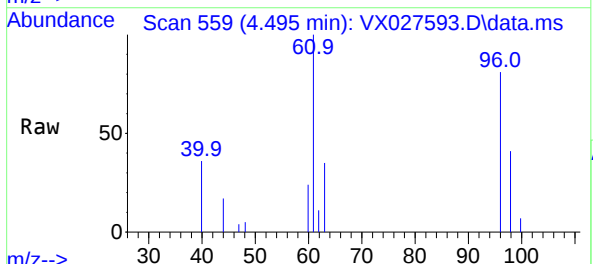
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

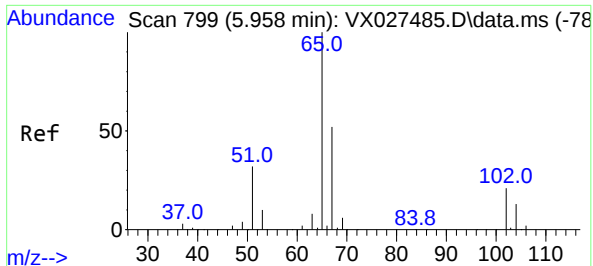
Tgt Ion: 43 Resp: 4462
Ion Ratio Lower Upper
43 100
58 27.2 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 0.842 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX027593.D
Acq: 21 Mar 2022 18:00

Tgt Ion: 96 Resp: 3317
Ion Ratio Lower Upper
96 100
61 115.6 0.0 283.8
98 60.6 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 47.036 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027593.D

Acq: 21 Mar 2022 18:00

Instrument :

MSVOA_X

ClientSampleId :

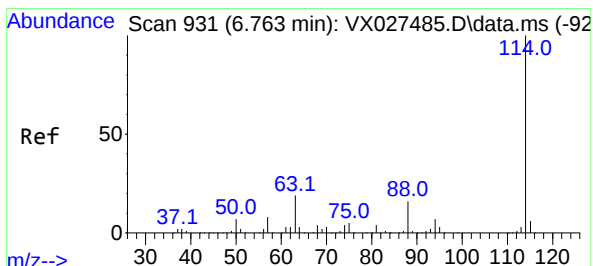
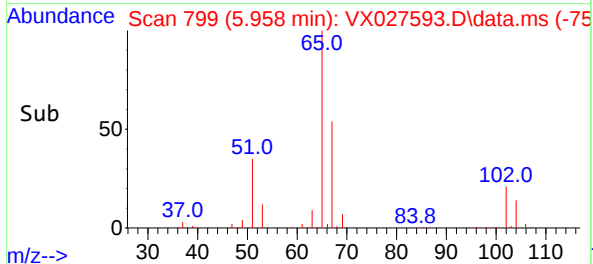
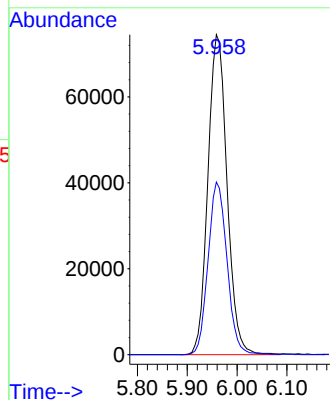
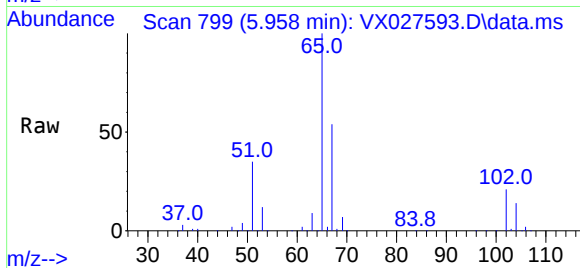
RE-132D3-20220315

Tgt Ion: 65 Resp: 198782

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027593.D

Acq: 21 Mar 2022 18:00

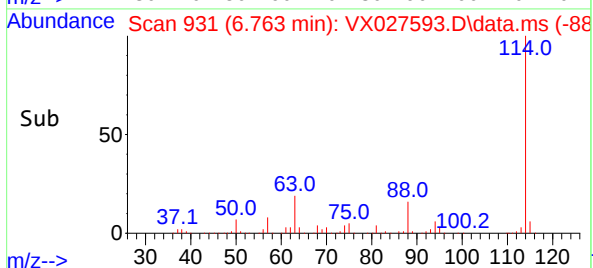
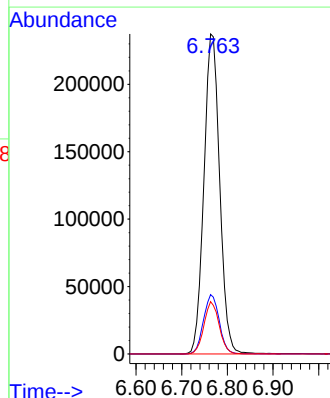
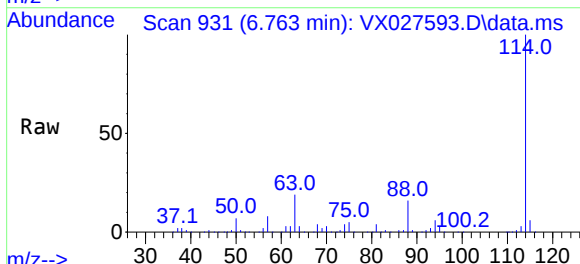
Tgt Ion: 114 Resp: 567169

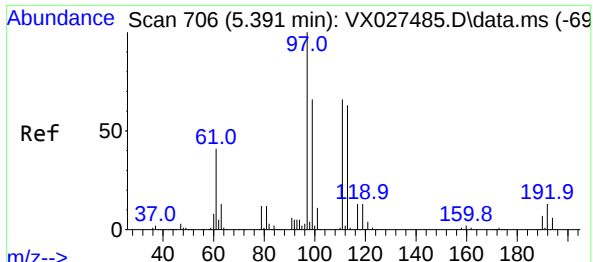
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.3 0.0 32.4

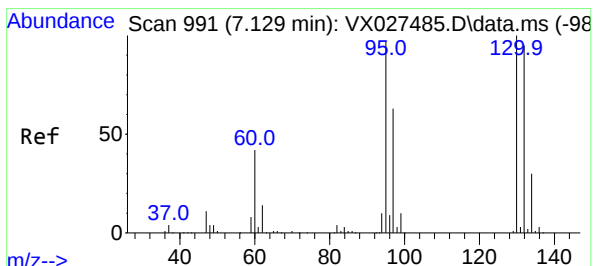
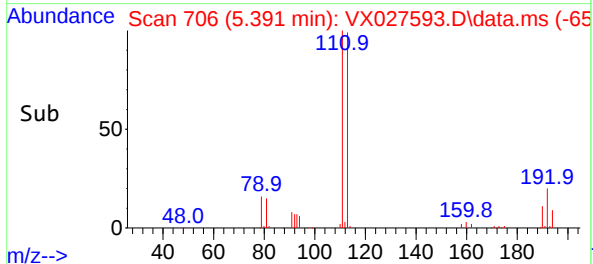
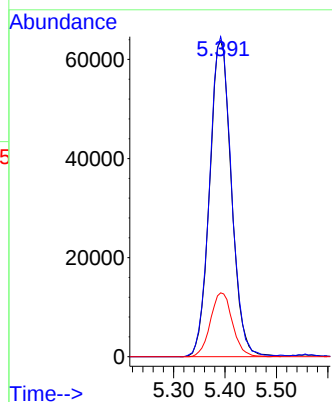
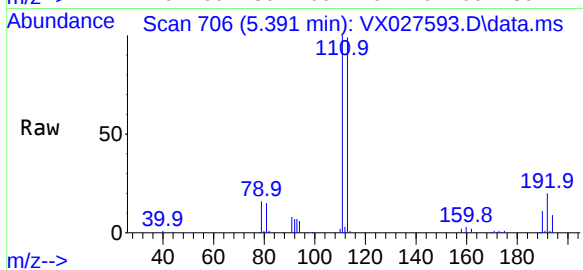




#35
Dibromofluoromethane
Concen: 51.316 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027593.D
Acq: 21 Mar 2022 18:00

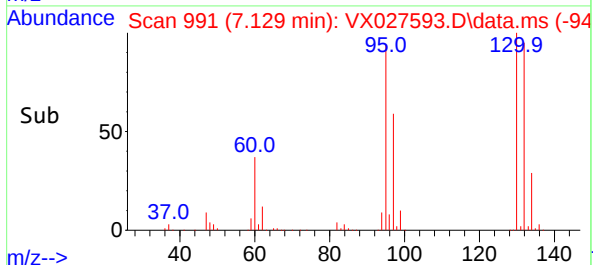
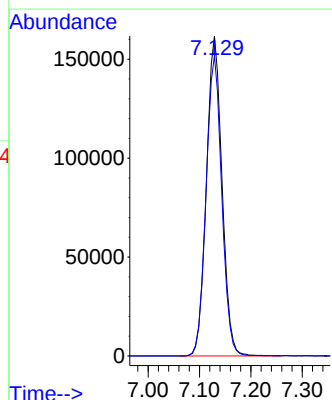
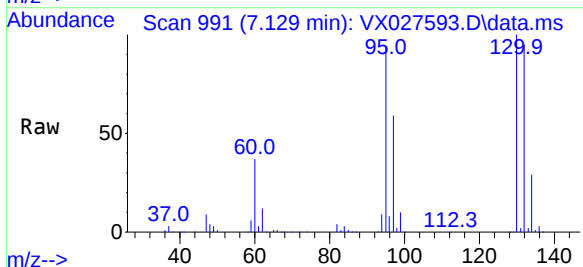
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

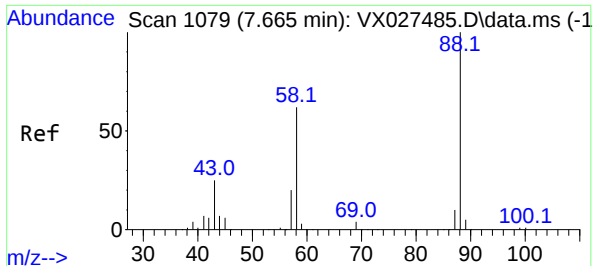
Tgt Ion:113 Resp: 187254
Ion Ratio Lower Upper
113 100
111 101.3 82.8 124.2
192 20.4 16.9 25.3



#44
Trichloroethene
Concen: 78.329 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027593.D
Acq: 21 Mar 2022 18:00

Tgt Ion:130 Resp: 340178
Ion Ratio Lower Upper
130 100
95 93.8 0.0 188.8





#49

1,4-Dioxane

Concen: 14.697 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. 0.012 min

Lab File: VX027593.D

Acq: 21 Mar 2022 18:00

Instrument :

MSVOA_X

ClientSampleId :

RE-132D3-20220315

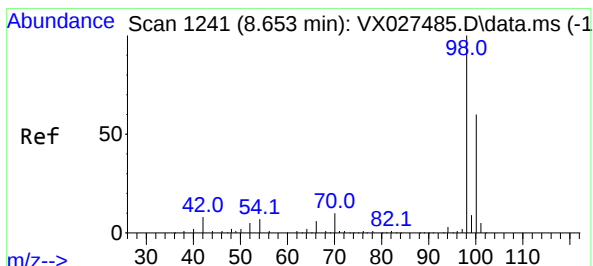
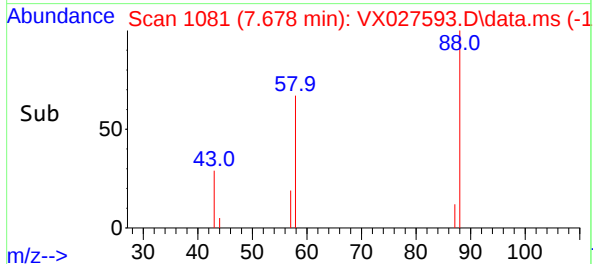
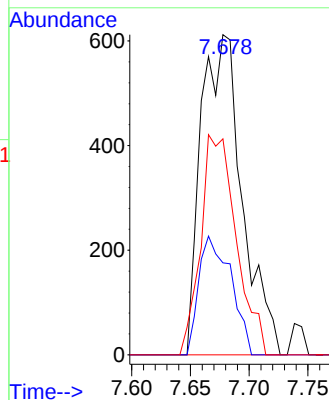
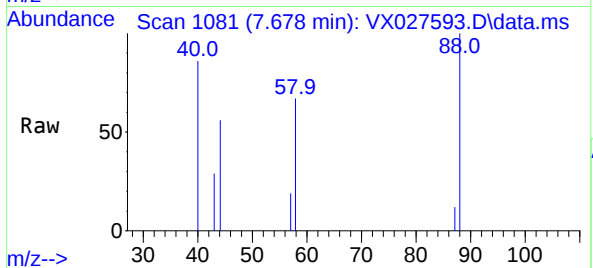
Tgt Ion: 88 Resp: 1494

Ion Ratio Lower Upper

88 100

43 28.8 21.9 32.9

58 59.1 53.7 80.5



#50

Toluene-d8

Concen: 47.213 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027593.D

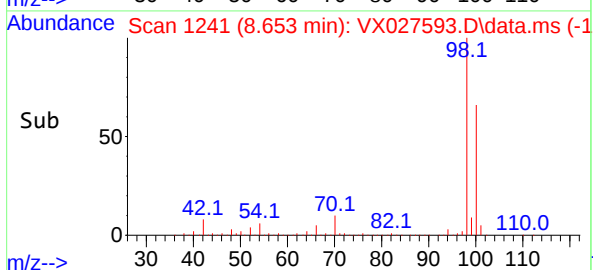
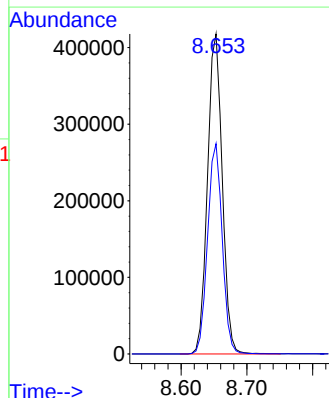
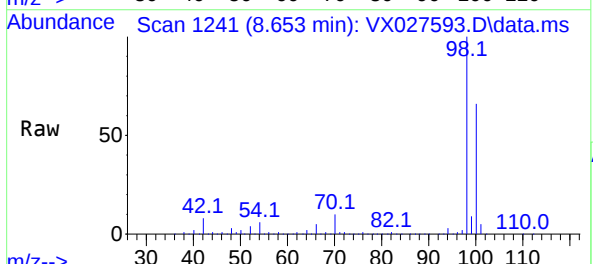
Acq: 21 Mar 2022 18:00

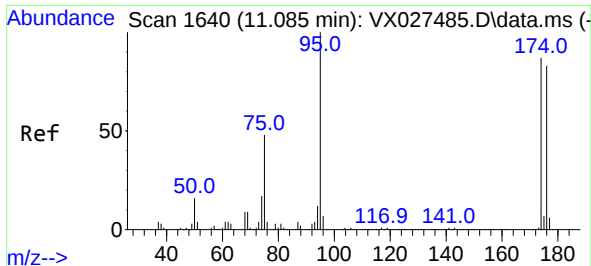
Tgt Ion: 98 Resp: 651939

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

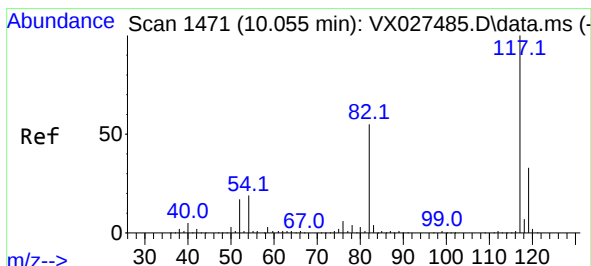
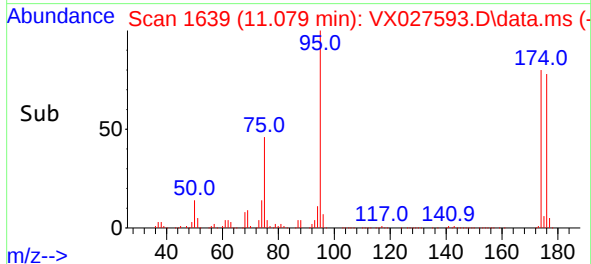
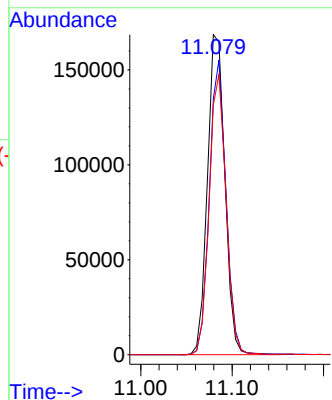
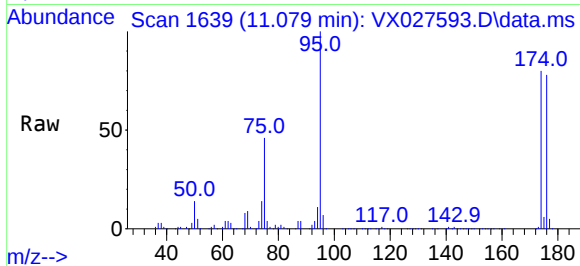




#62
4-Bromofluorobenzene
Concen: 43.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027593.D
Acq: 21 Mar 2022 18:00

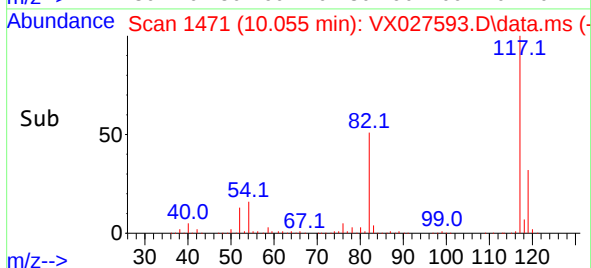
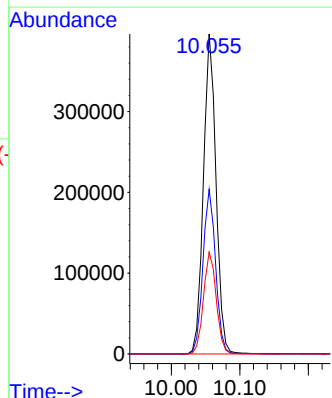
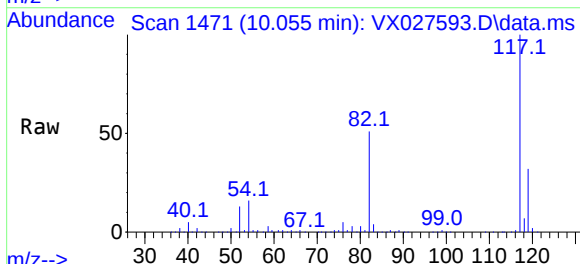
Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

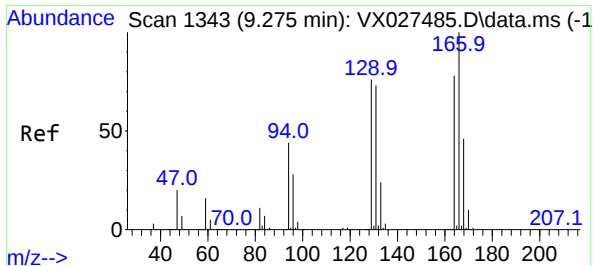
Tgt Ion: 95 Resp: 223021
Ion Ratio Lower Upper
95 100
174 87.8 0.0 163.0
176 84.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027593.D
Acq: 21 Mar 2022 18:00

Tgt Ion: 117 Resp: 507534
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 31.9 24.8 37.2



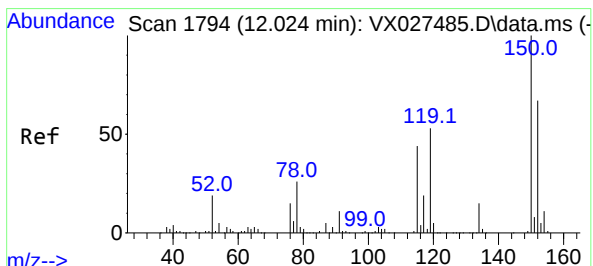
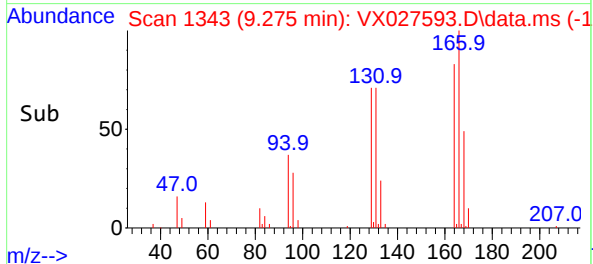
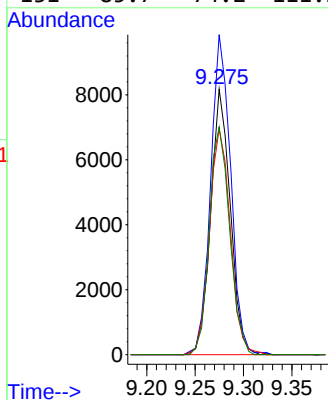
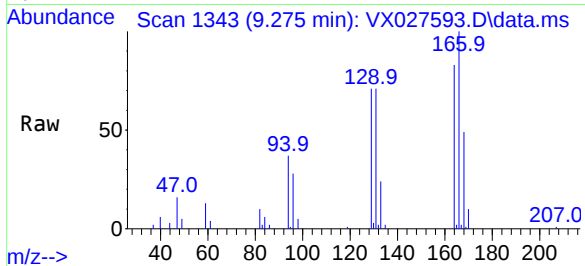


#64
Tetrachloroethene
Concen: 2.914 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027593.D
Acq: 21 Mar 2022 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE-132D3-20220315

Tgt Ion:164 Resp: 11501

Ion	Ratio	Lower	Upper
164	100		
166	120.5	101.2	151.8
129	85.0	73.0	109.4
131	85.7	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027593.D
Acq: 21 Mar 2022 18:00

Tgt Ion:152 Resp: 236199

Ion	Ratio	Lower	Upper
152	100		
115	56.6	37.5	112.7
150	155.2	0.0	338.2

