

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027560.D
 Acq On : 19 Mar 2022 15:10
 Operator : JC/MD
 Sample : N2000-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-132D1-20220315

Quant Time: Mar 21 01:22:34 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)

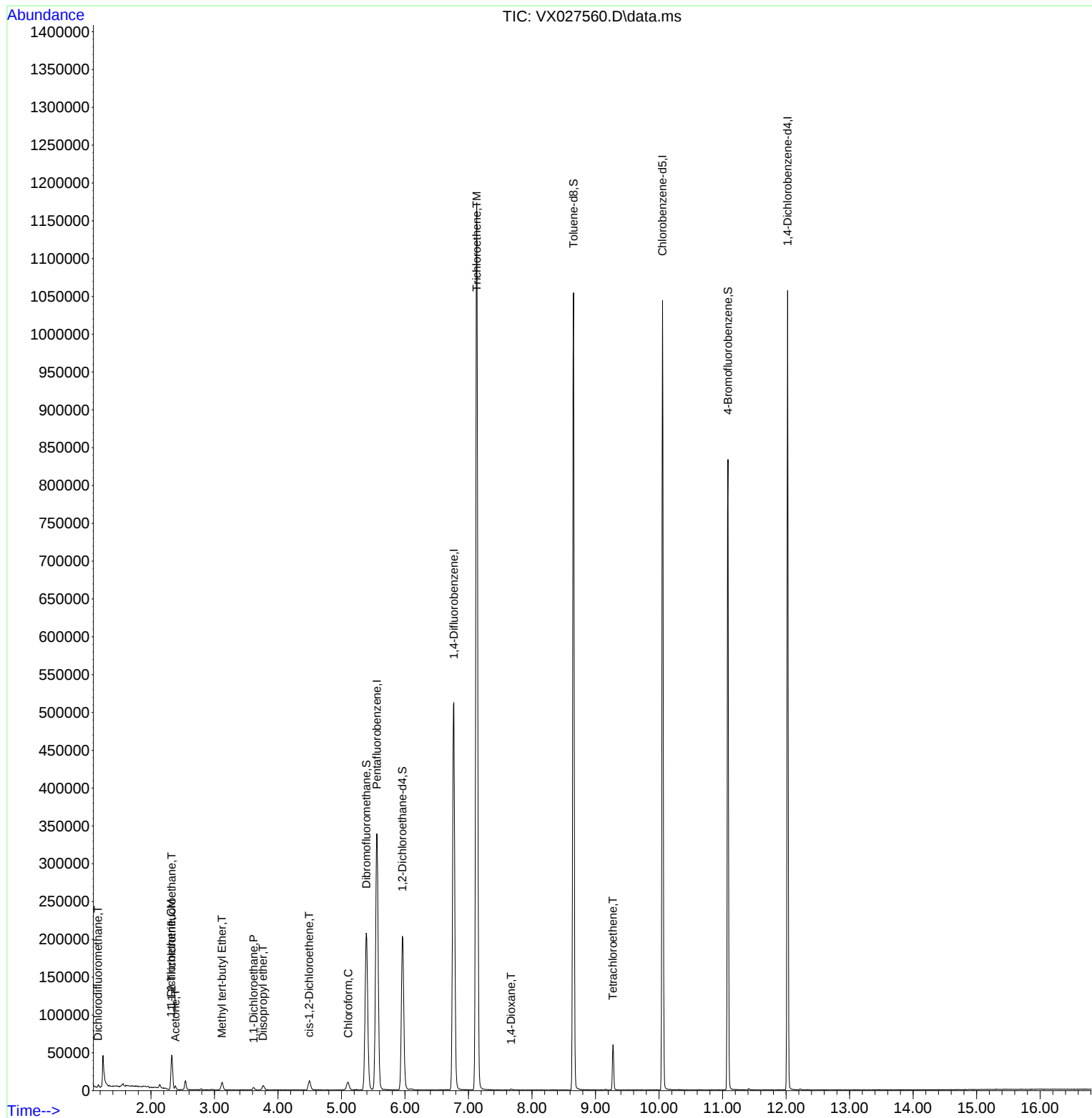
Internal Standards						
1) Pentafluorobenzene	5.556	168	337072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	551092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199784	48.113	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.220%
35) Dibromofluoromethane	5.391	113	184510	52.039	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.080%
50) Toluene-d8	8.653	98	650013	48.447	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.085	95	225764	45.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1015	0.314	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	16421	5.034	ug/l	95
12) 1,1-Dichloroethene	2.319	96	2848	0.910	ug/l #	78
16) Acetone	2.386	43	4271	2.523	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	11666	1.105	ug/l	99
22) Diisopropyl ether	3.764	45	5998	0.627	ug/l #	81
24) 1,1-Dichloroethane	3.617	63	3593	0.618	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	7934	2.049	ug/l	87
30) Chloroform	5.105	83	13002	2.026	ug/l	94
44) Trichloroethene	7.129	130	475705	112.731	ug/l	98
49) 1,4-Dioxane	7.671	88	1044	10.570	ug/l	99
64) Tetrachloroethene	9.275	164	12055	3.112	ug/l	97

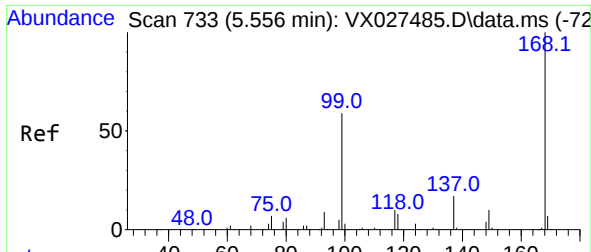
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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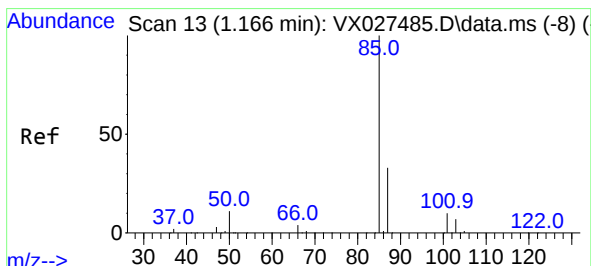
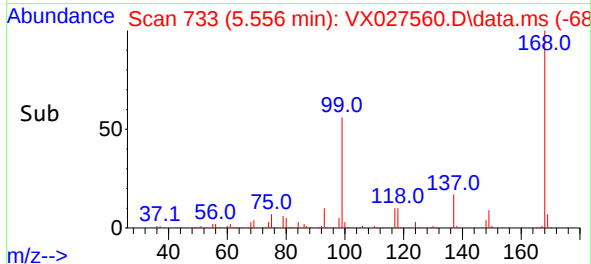
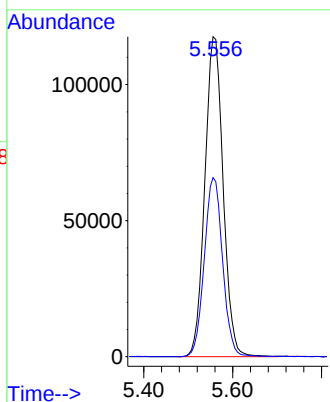
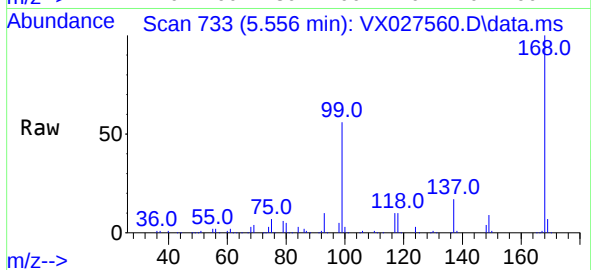




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

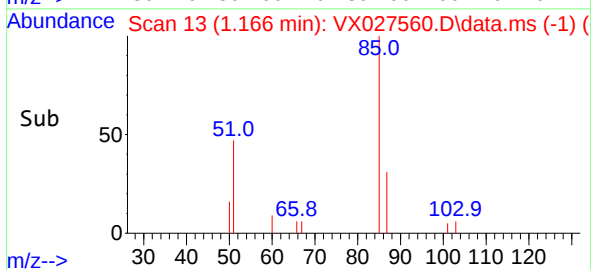
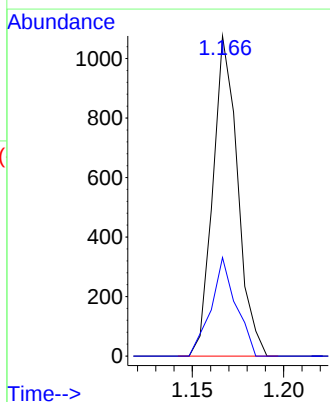
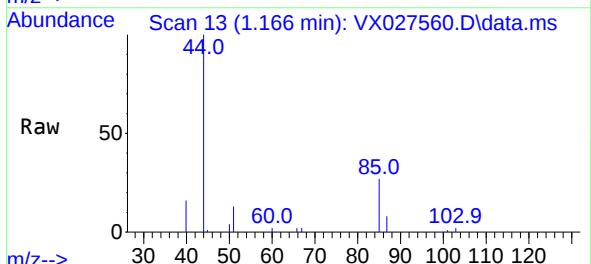
Instrument :
MSVOA_X
ClientSampleId :
RE-132D1-20220315

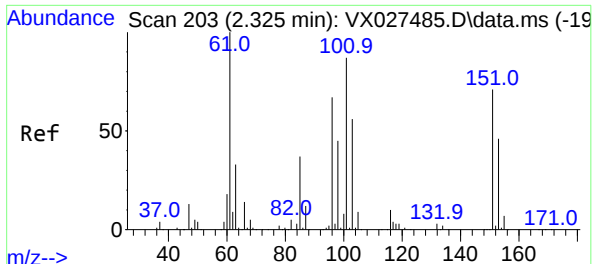
Tgt Ion:168 Resp: 337072
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.314 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

Tgt Ion: 85 Resp: 1015
Ion Ratio Lower Upper
85 100
87 30.8 16.2 48.6

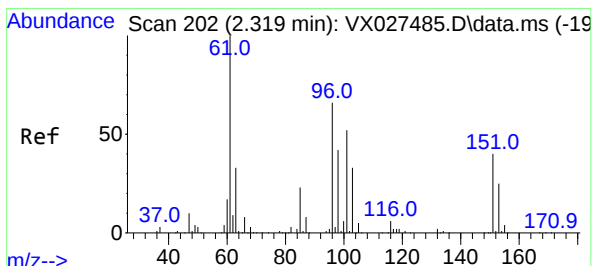
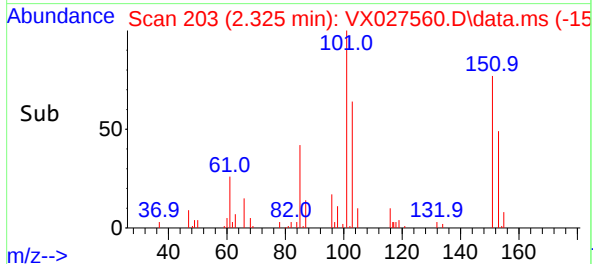
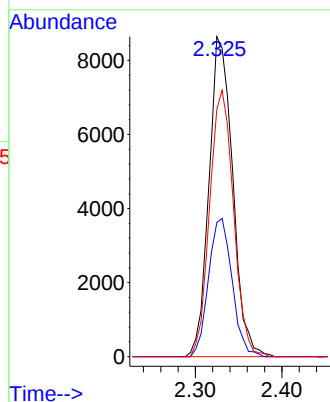
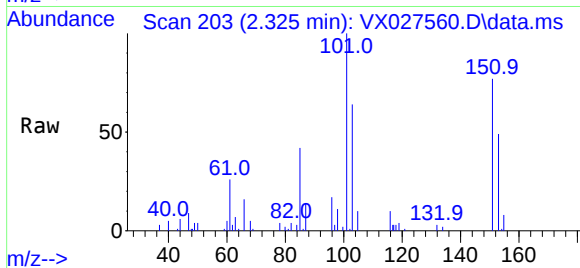




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.034 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

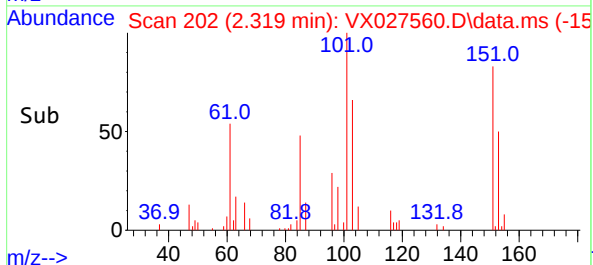
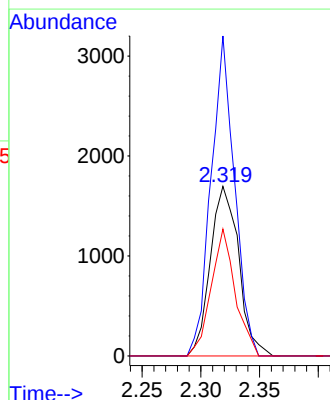
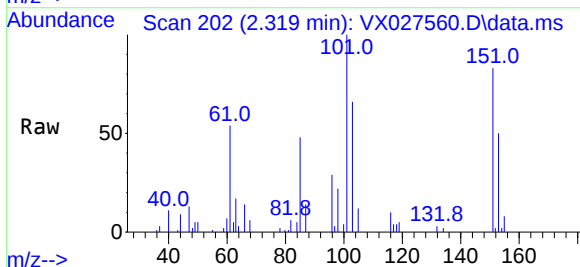
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ClientSampleId :
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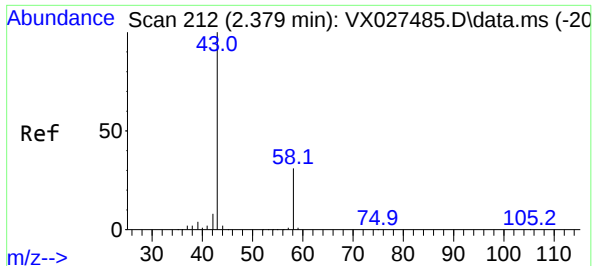
Tgt Ion:101 Resp: 16421
Ion Ratio Lower Upper
101 100
85 42.9 33.5 50.3
151 83.7 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.910 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

Tgt Ion: 96 Resp: 2848
Ion Ratio Lower Upper
96 100
61 188.7 124.6 187.0#
98 74.8 51.0 76.4

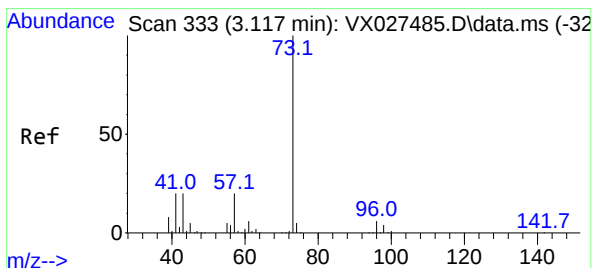
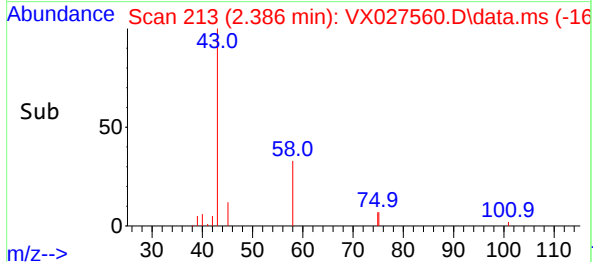
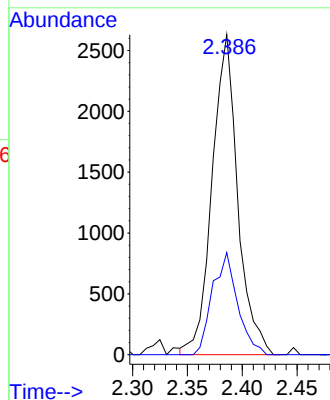
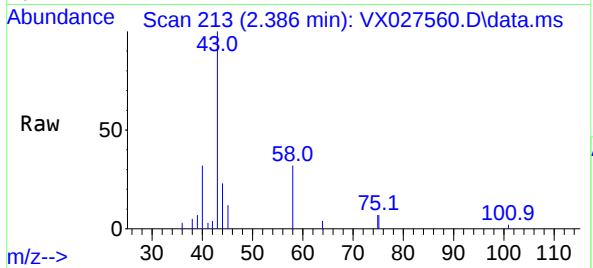




#16
Acetone
Concen: 2.523 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

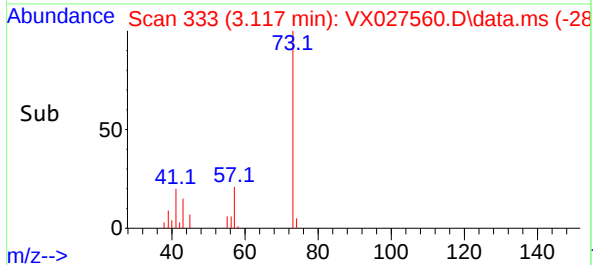
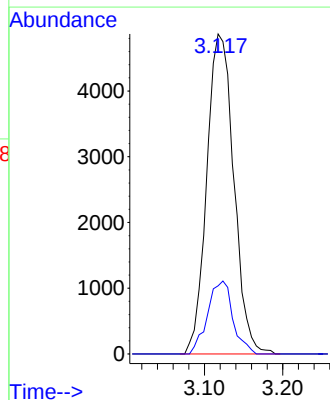
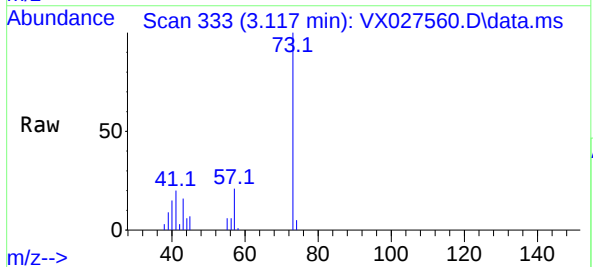
Instrument :
MSVOA_X
ClientSampleId :
RE-132D1-20220315

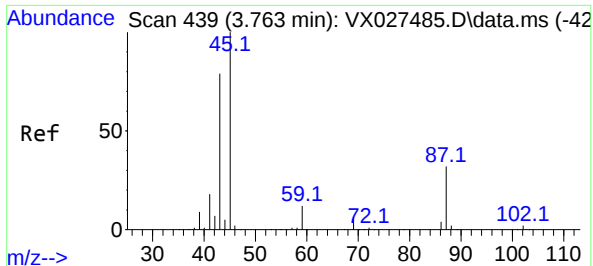
Tgt Ion: 43 Resp: 4271
Ion Ratio Lower Upper
43 100
58 31.9 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 1.105 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

Tgt Ion: 73 Resp: 11666
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2

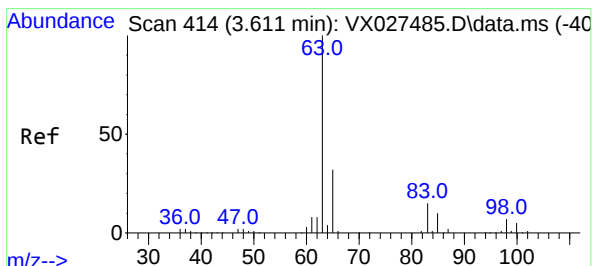
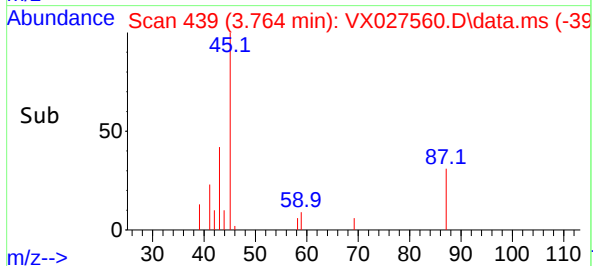
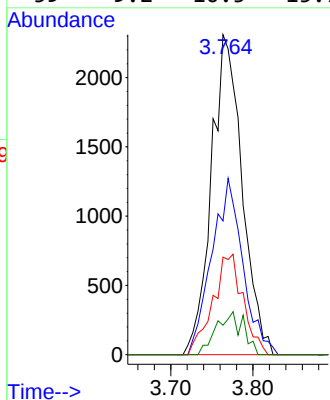
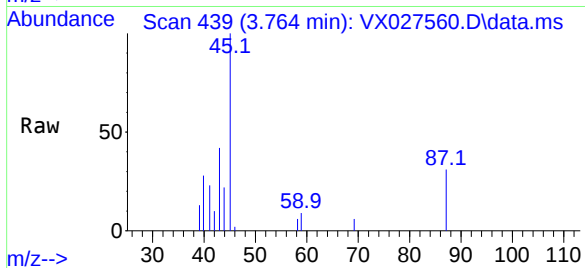




#22
Diisopropyl ether
Concen: 0.627 ug/l
RT: 3.764 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

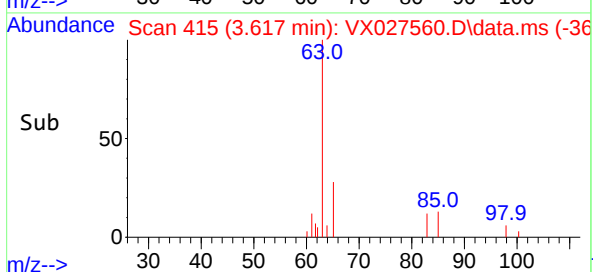
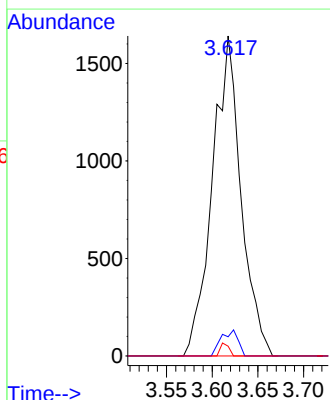
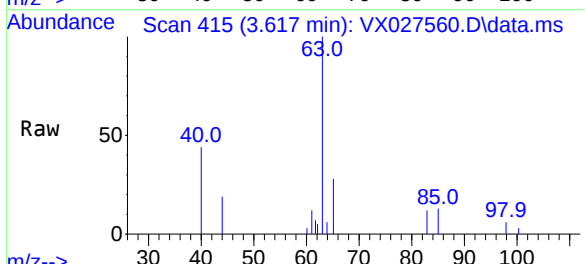
Instrument :
MSVOA_X
ClientSampleId :
RE-132D1-20220315

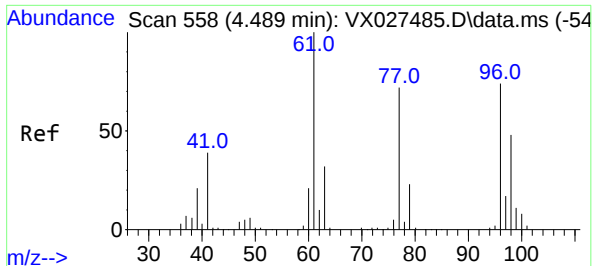
Tgt Ion:	45	Resp:	5998
Ion	Ratio	Lower	Upper
45	100		
43	41.8	50.8	76.2#
87	30.5	26.6	39.8
59	9.2	10.5	15.7#



#24
1,1-Dichloroethane
Concen: 0.618 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

Tgt Ion:	63	Resp:	3593
Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.9	11.7
100	3.0	2.4	7.2

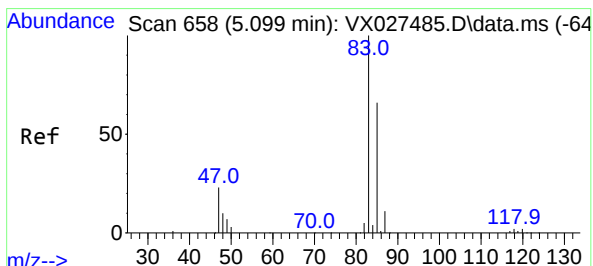
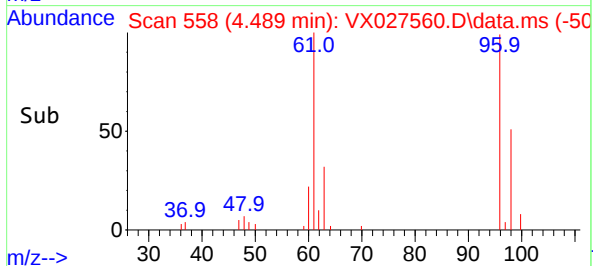
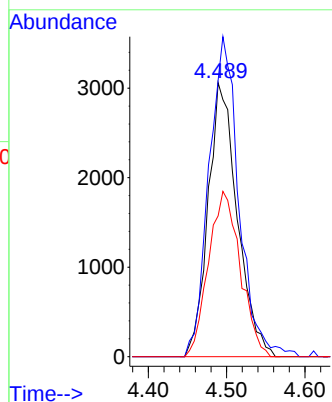
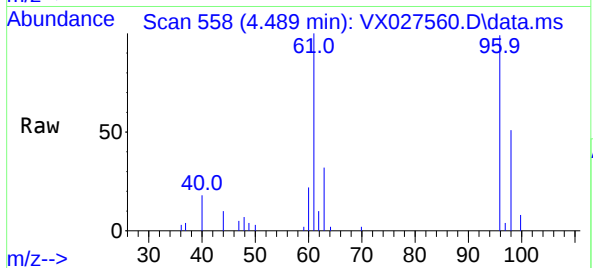




#27
cis-1,2-Dichloroethene
Concen: 2.049 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

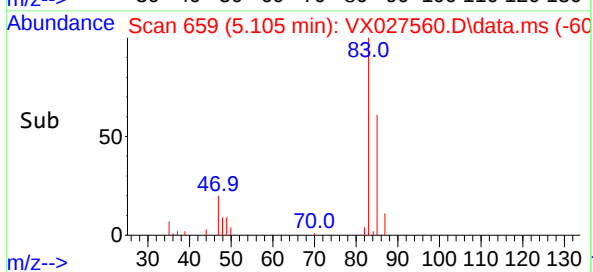
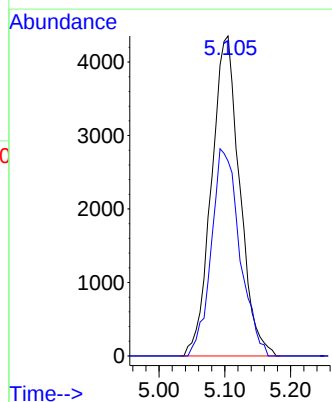
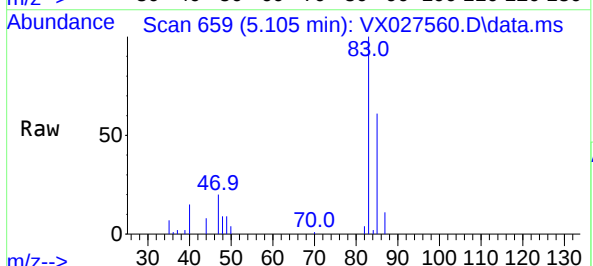
Instrument :
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ClientSampleId :
RE-132D1-20220315

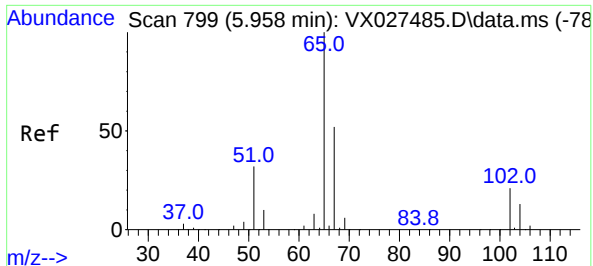
Tgt Ion: 96 Resp: 7934
Ion Ratio Lower Upper
96 100
61 119.9 0.0 283.8
98 65.6 0.0 129.8



#30
Chloroform
Concen: 2.026 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

Tgt Ion: 83 Resp: 13002
Ion Ratio Lower Upper
83 100
85 60.9 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 48.113 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027560.D

Acq: 19 Mar 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

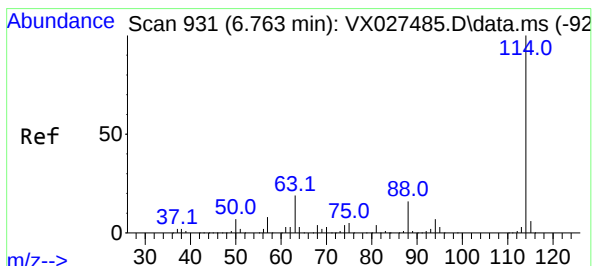
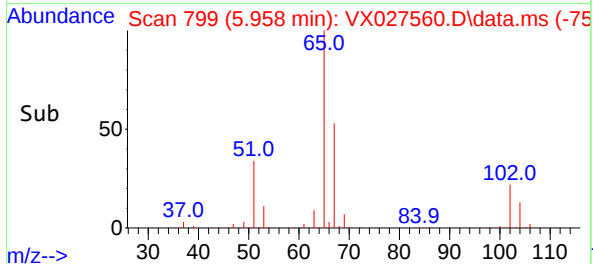
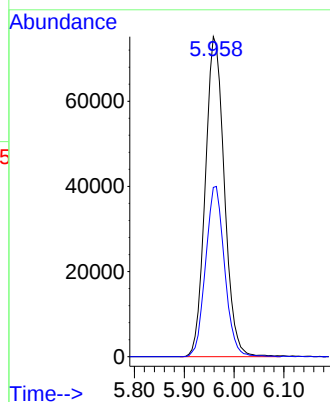
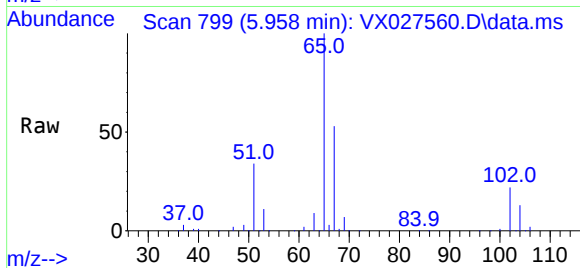
RE-132D1-20220315

Tgt Ion: 65 Resp: 199784

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027560.D

Acq: 19 Mar 2022 15:10

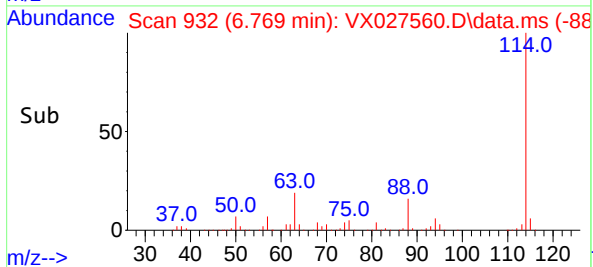
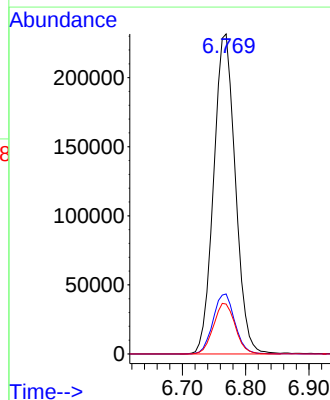
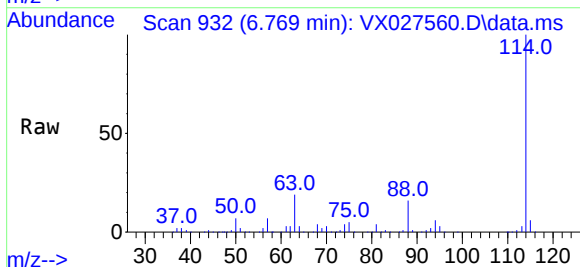
Tgt Ion: 114 Resp: 551092

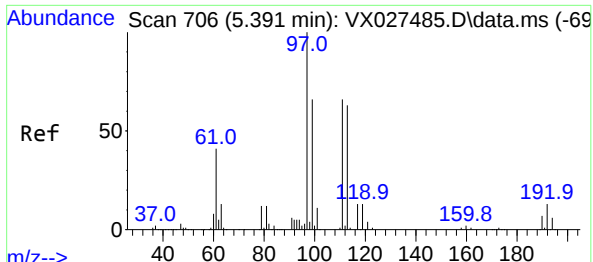
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 15.6 0.0 32.4

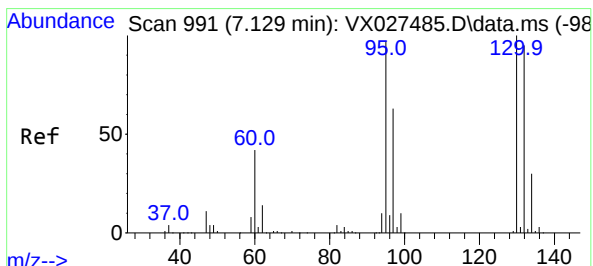
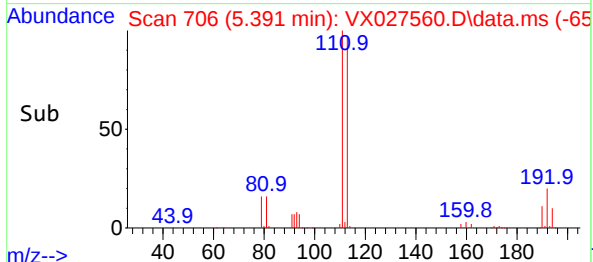
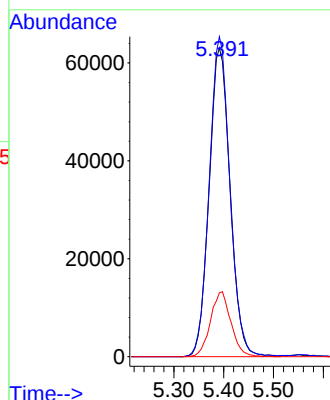
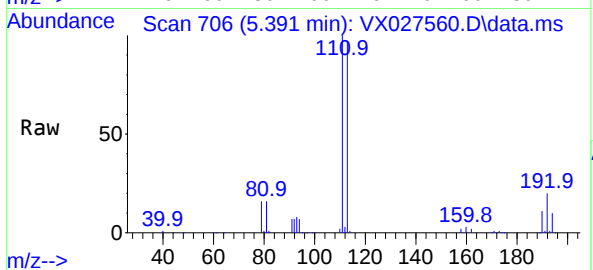




#35
Dibromofluoromethane
Concen: 52.039 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

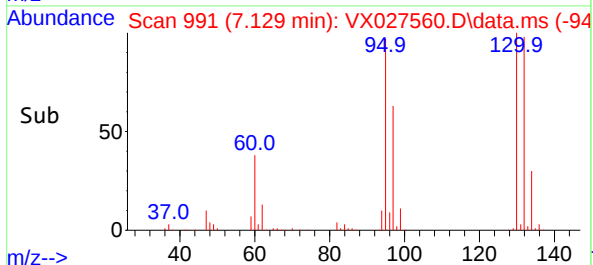
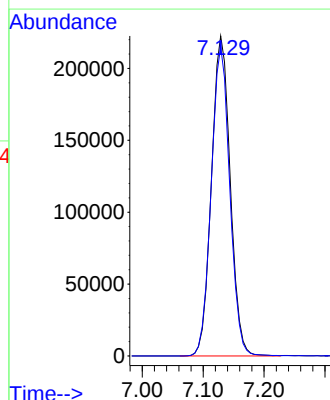
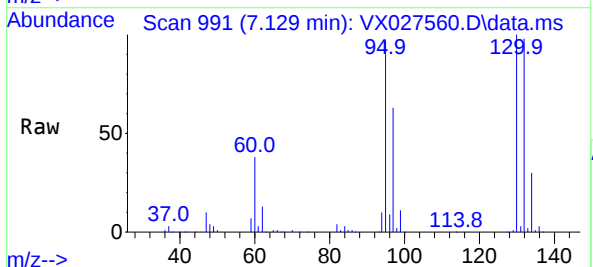
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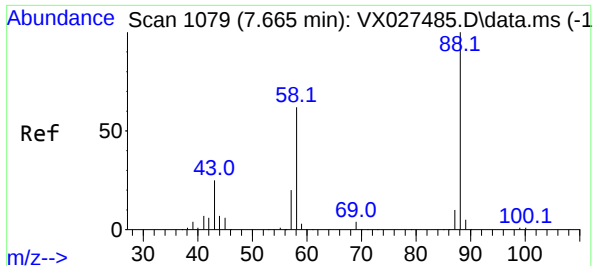
Tgt Ion:113 Resp: 184510
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 20.5 16.9 25.3



#44
Trichloroethene
Concen: 112.731 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

Tgt Ion:130 Resp: 475705
Ion Ratio Lower Upper
130 100
95 96.7 0.0 188.8





#49

1,4-Dioxane

Concen: 10.570 ug/l

RT: 7.671 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VX027560.D

Acq: 19 Mar 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

RE-132D1-20220315

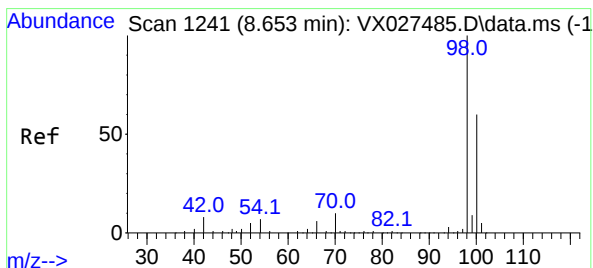
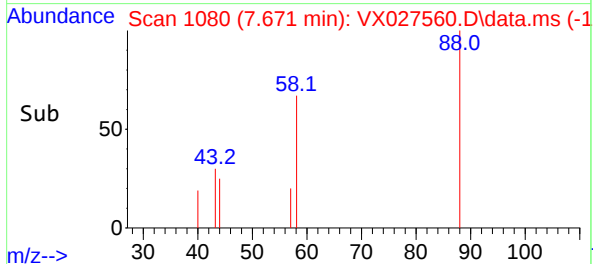
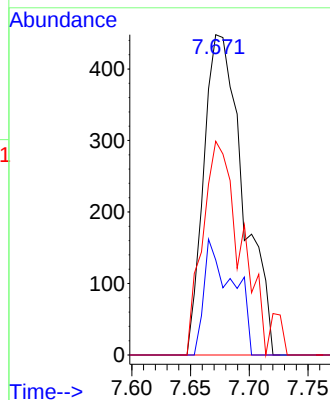
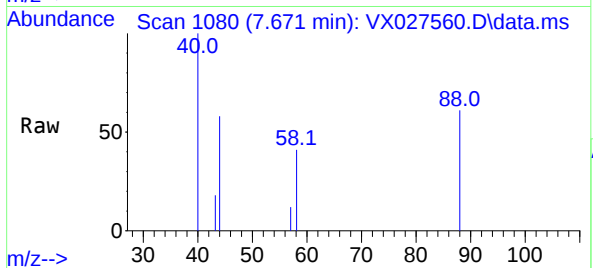
Tgt Ion: 88 Resp: 1044

Ion Ratio Lower Upper

88 100

43 26.3 21.9 32.9

58 67.9 53.7 80.5



#50

Toluene-d8

Concen: 48.447 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027560.D

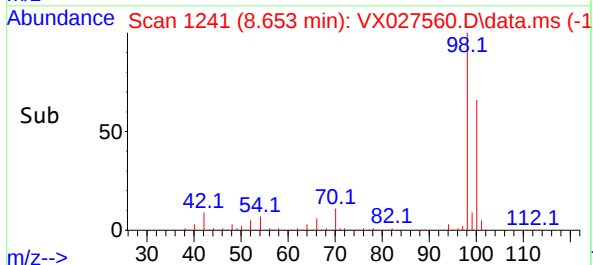
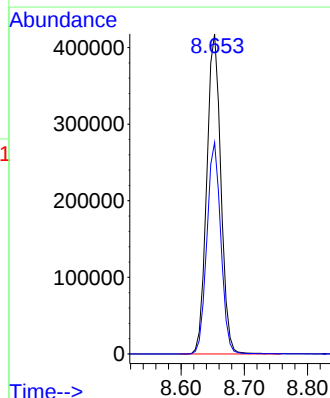
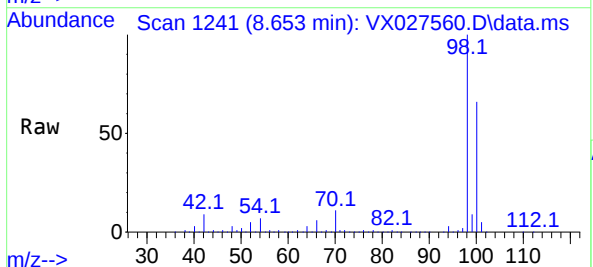
Acq: 19 Mar 2022 15:10

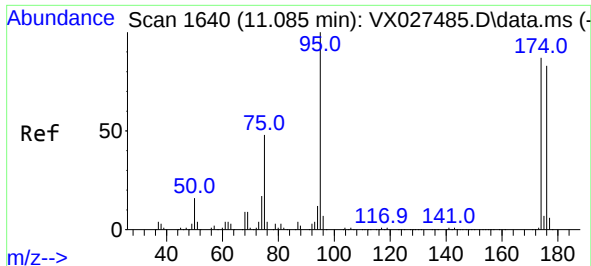
Tgt Ion: 98 Resp: 650013

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

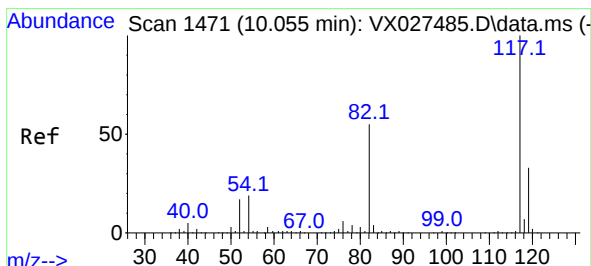
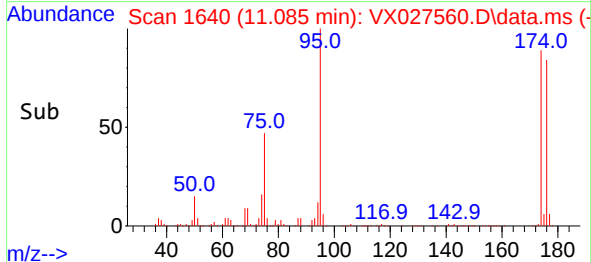
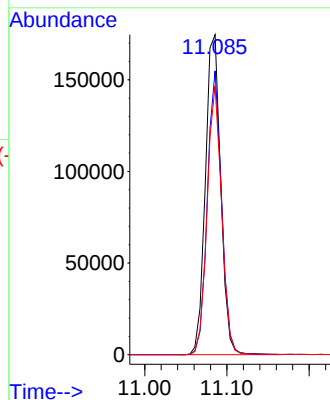
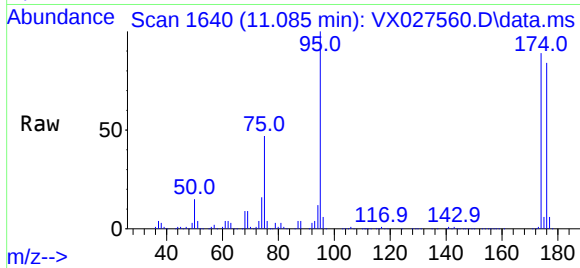




#62
4-Bromofluorobenzene
Concen: 45.780 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

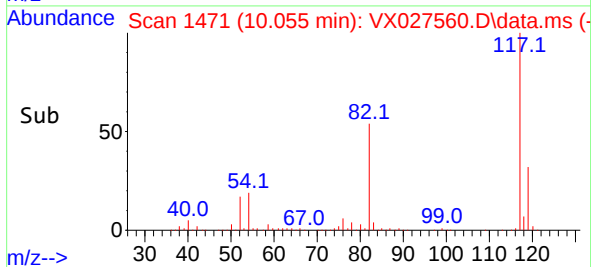
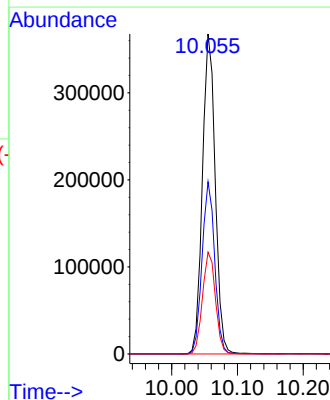
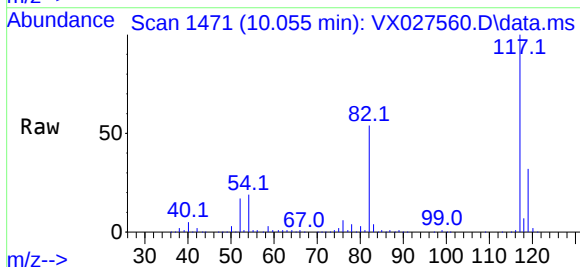
Instrument :
MSVOA_X
ClientSampleId :
RE-132D1-20220315

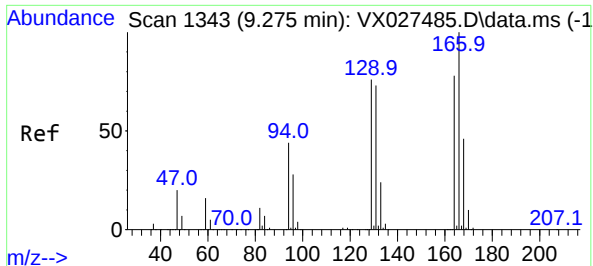
Tgt Ion: 95 Resp: 225764
Ion Ratio Lower Upper
95 100
174 82.9 0.0 163.0
176 79.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

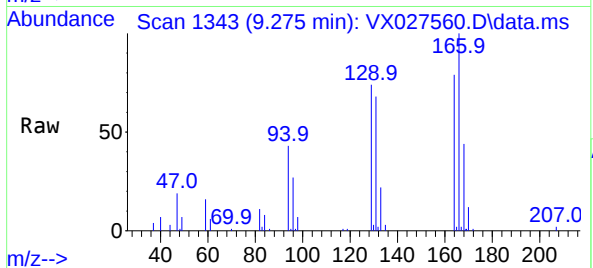
Tgt Ion: 117 Resp: 498263
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.8
119 31.8 24.8 37.2





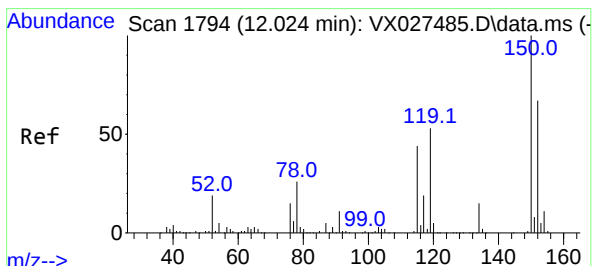
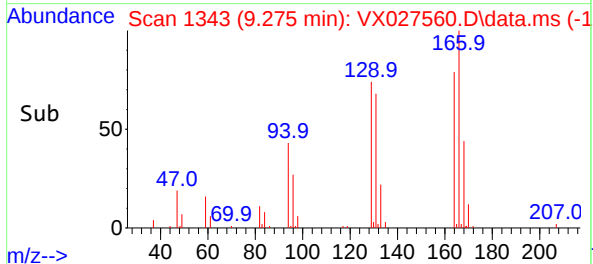
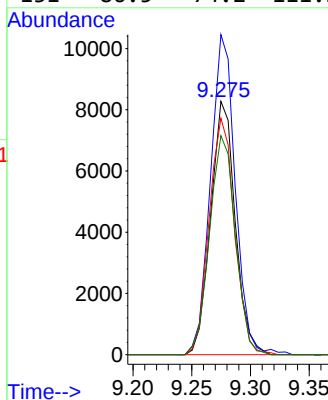
#64
Tetrachloroethene
Concen: 3.112 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027560.D
Acq: 19 Mar 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
RE-132D1-20220315



Tgt Ion:164 Resp: 12055

Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.2	151.8
129	93.4	73.0	109.4
131	86.5	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: VX027560.D
Acq: 19 Mar 2022 15:10

Tgt Ion:152 Resp: 220698

Ion	Ratio	Lower	Upper
152	100		
115	58.5	37.5	112.7
150	157.3	0.0	338.2

