

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027567.D
 Acq On : 19 Mar 2022 17:56
 Operator : JC/MD
 Sample : N2000-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-126D2-20220316

Quant Time: Mar 21 01:24:47 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)

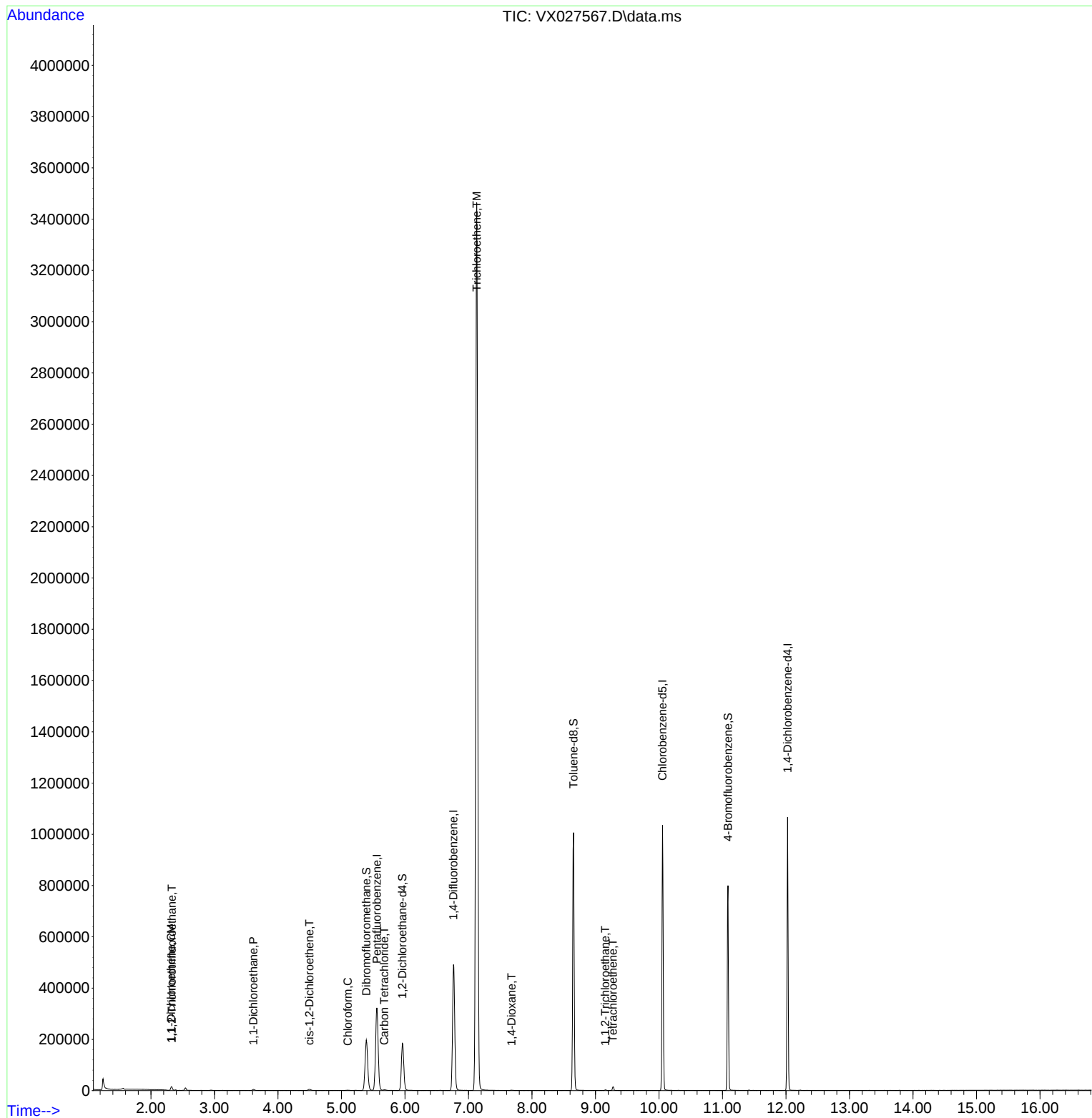
Internal Standards						
1) Pentafluorobenzene	5.556	168	332869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	551547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	497802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176525	43.05	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.10%
35) Dibromofluoromethane	5.391	113	175383	49.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.84%
50) Toluene-d8	8.653	98	634011	47.22	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.44%
62) 4-Bromofluorobenzene	11.086	95	220092	44.59	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.18%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	3314	1.03	ug/l	94
12) 1,1-Dichloroethene	2.319	96	3276	1.06	ug/l	93
24) 1,1-Dichloroethane	3.611	63	4867	0.85	ug/l #	94
27) cis-1,2-Dichloroethene	4.495	96	3490	0.91	ug/l	82
30) Chloroform	5.099	83	1776	0.28	ug/l #	57
38) Carbon Tetrachloride	5.672	117	2337	0.42	ug/l #	75
44) Trichloroethene	7.129	130	1474454	349.12	ug/l	99
49) 1,4-Dioxane	7.678	88	1057	10.69	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	893	0.24	ug/l #	88
64) Tetrachloroethene	9.275	164	2978	0.77	ug/l	92

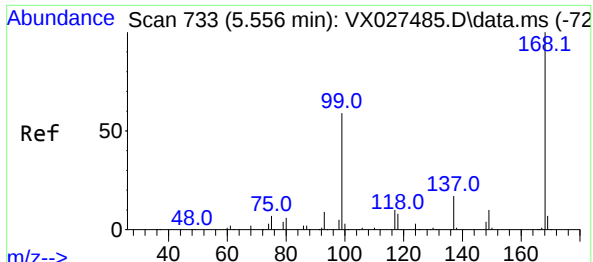
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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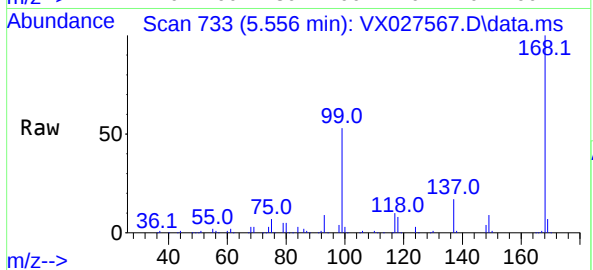
Quant Time: Mar 21 01:24:47 2022
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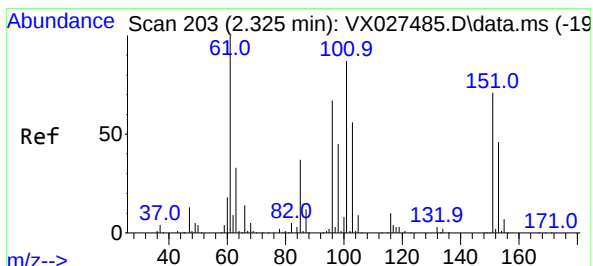
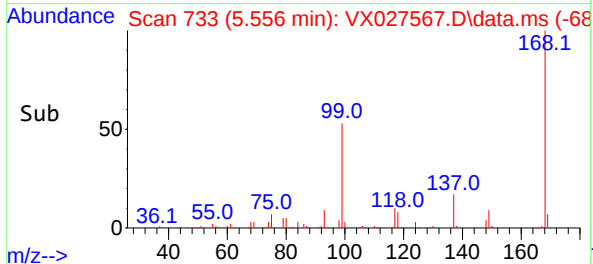
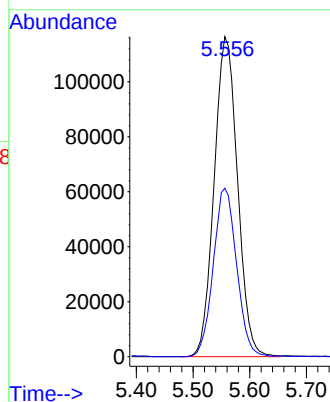


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

Instrument :
MSVOA_X
ClientSampleId :
RE-126D2-20220316

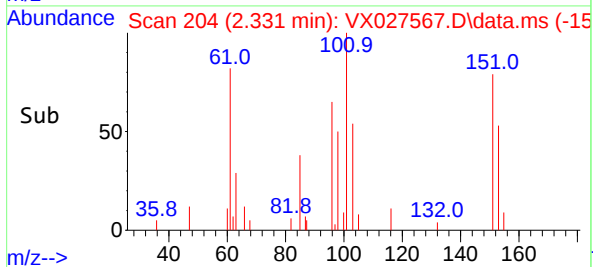
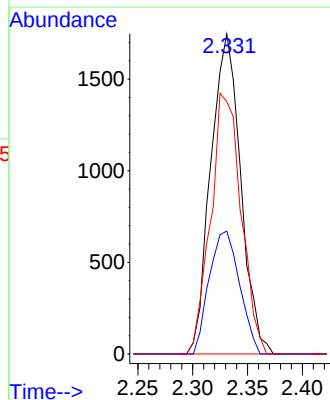
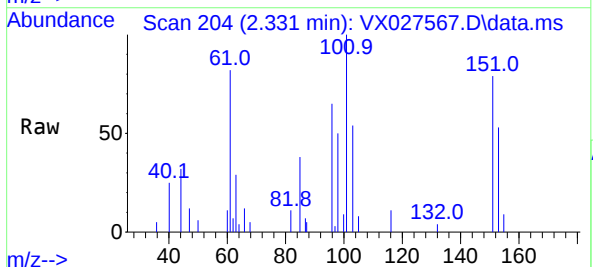


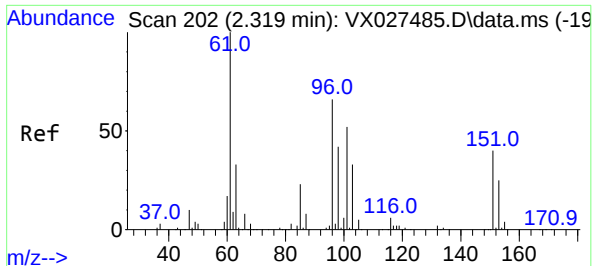
Tgt Ion:168 Resp: 332869
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.03 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

Tgt Ion:101 Resp: 3314
Ion Ratio Lower Upper
101 100
85 38.9 33.5 50.3
151 82.9 61.8 92.6

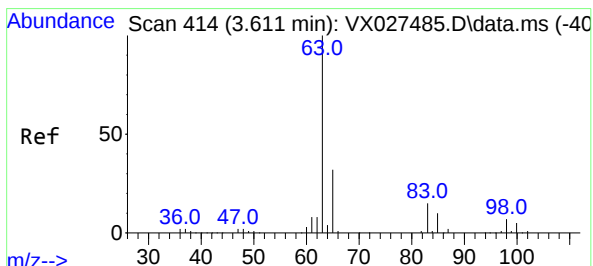
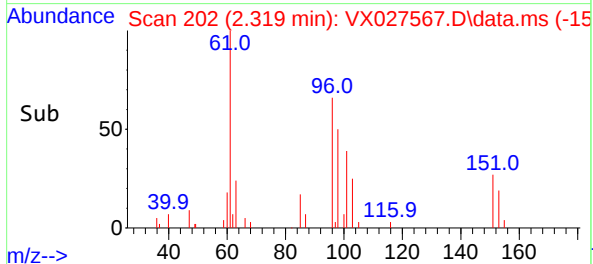
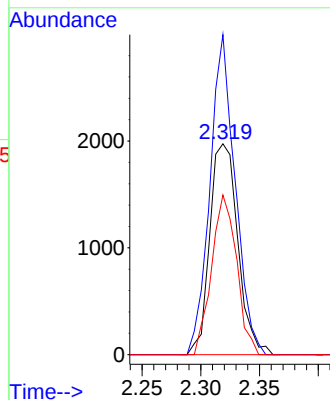
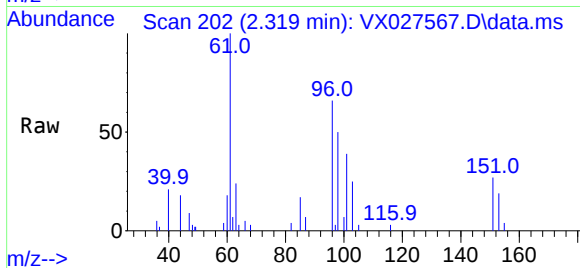




#12
1,1-Dichloroethene
Concen: 1.06 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

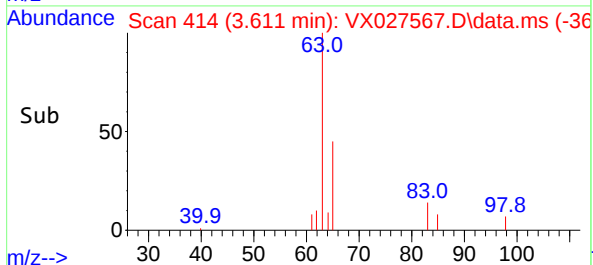
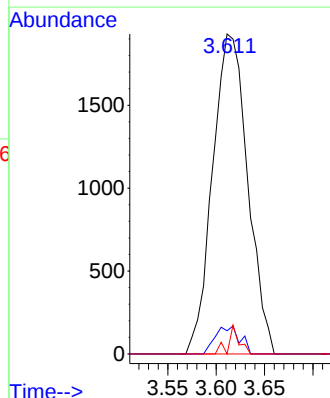
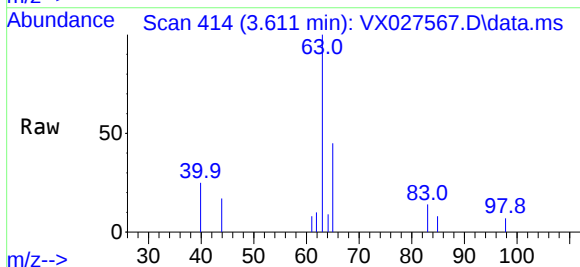
Instrument :
MSVOA_X
ClientSampleId :
RE-126D2-20220316

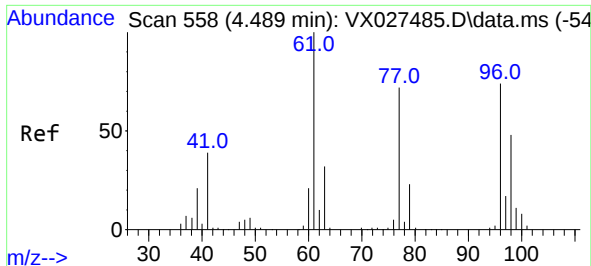
Tgt Ion: 96 Resp: 3276
Ion Ratio Lower Upper
96 100
61 151.7 124.6 187.0
98 75.7 51.0 76.4



#24
1,1-Dichloroethane
Concen: 0.85 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

Tgt Ion: 63 Resp: 4867
Ion Ratio Lower Upper
63 100
98 7.3 3.9 11.7
100 0.0 2.4 7.2#





#27

cis-1,2-Dichloroethene

Concen: 0.91 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027567.D

Acq: 19 Mar 2022 17:56

Instrument :

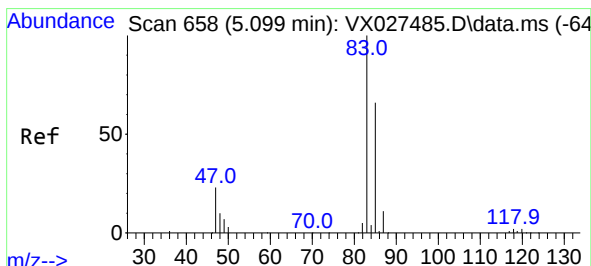
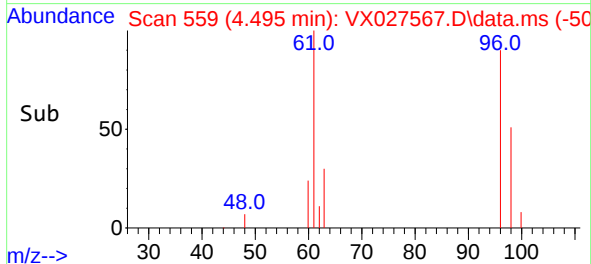
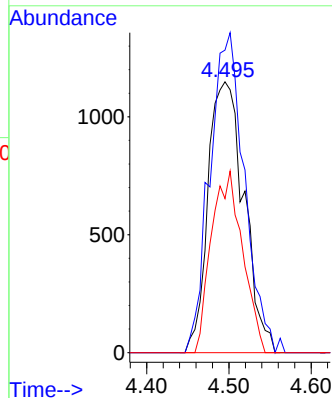
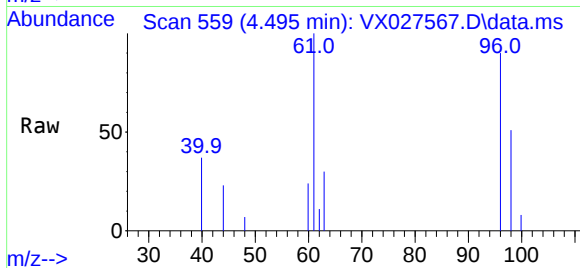
MSVOA_X

ClientSampleId :

RE-126D2-20220316

Tgt Ion: 96 Resp: 3490

Ion	Ratio	Lower	Upper
96	100		
61	114.0	0.0	283.8
98	58.2	0.0	129.8



#30

Chloroform

Concen: 0.28 ug/l

RT: 5.099 min Scan# 658

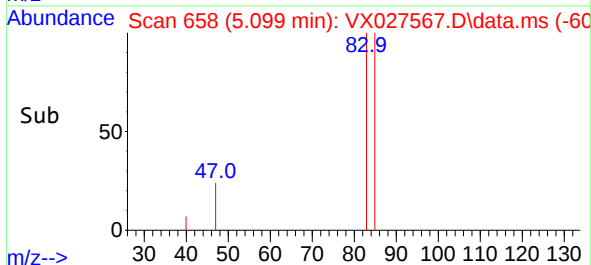
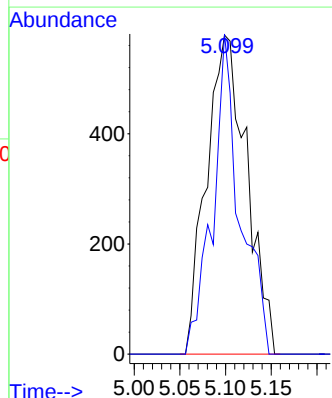
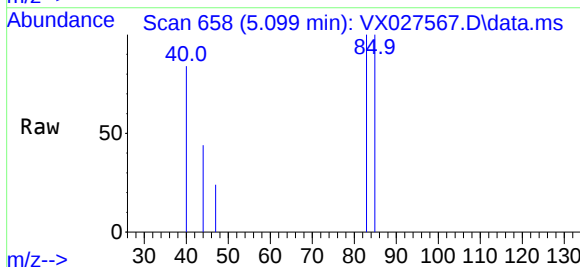
Delta R.T. 0.000 min

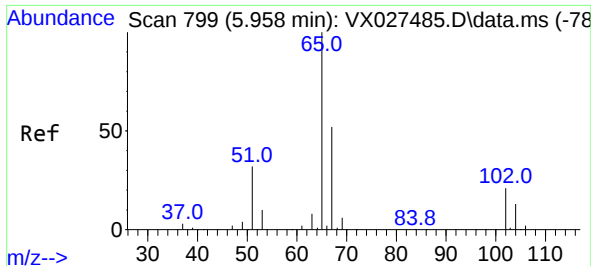
Lab File: VX027567.D

Acq: 19 Mar 2022 17:56

Tgt Ion: 83 Resp: 1776

Ion	Ratio	Lower	Upper
83	100		
85	100.3	52.7	79.1#





#33

1,2-Dichloroethane-d4

Concen: 43.05 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027567.D

Acq: 19 Mar 2022 17:56

Instrument :

MSVOA_X

ClientSampleId :

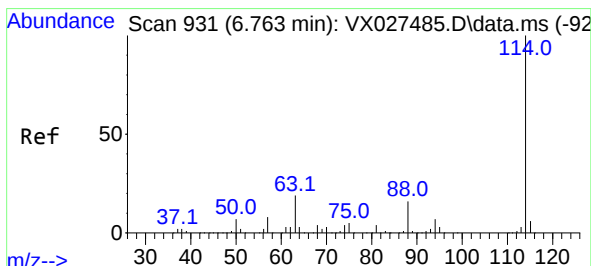
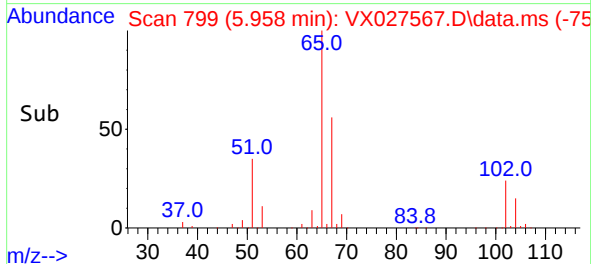
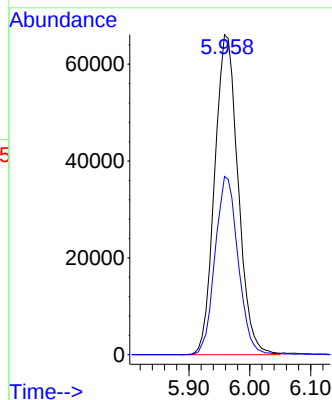
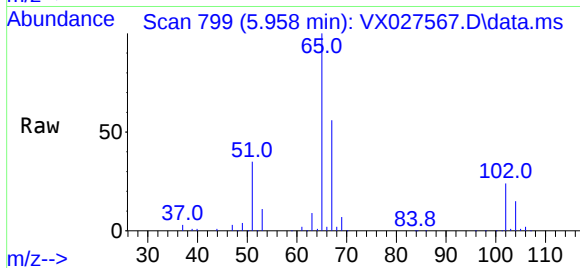
RE-126D2-20220316

Tgt Ion: 65 Resp: 176525

Ion Ratio Lower Upper

65 100

67 54.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027567.D

Acq: 19 Mar 2022 17:56

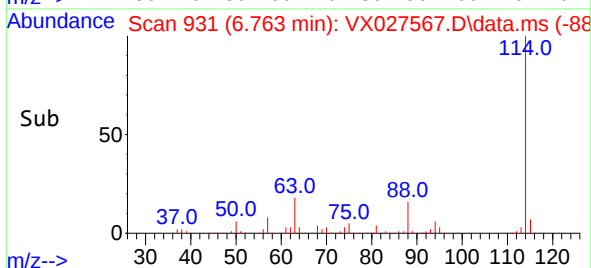
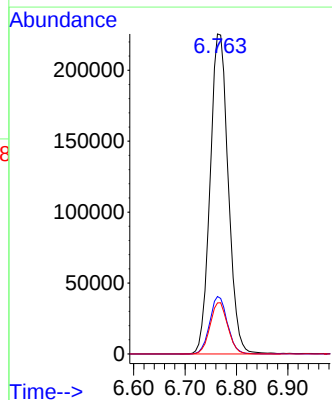
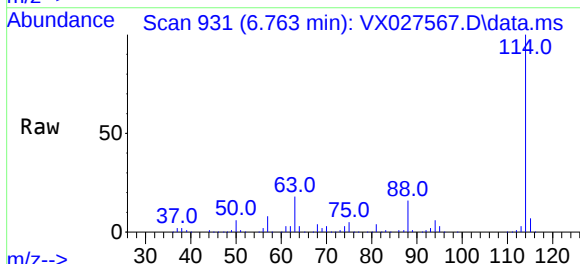
Tgt Ion: 114 Resp: 551547

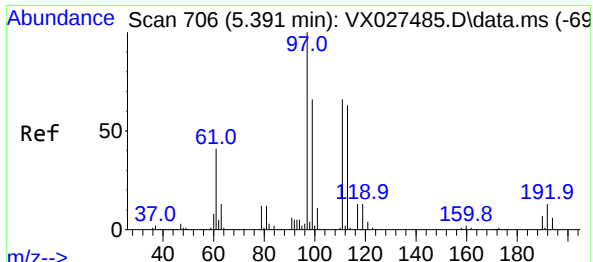
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.42 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027567.D

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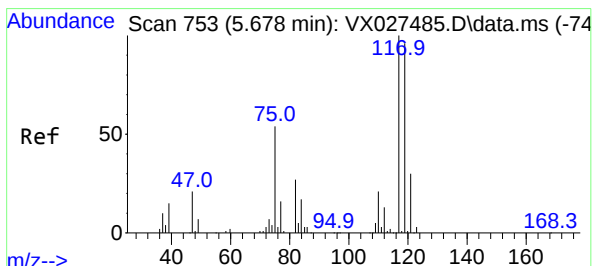
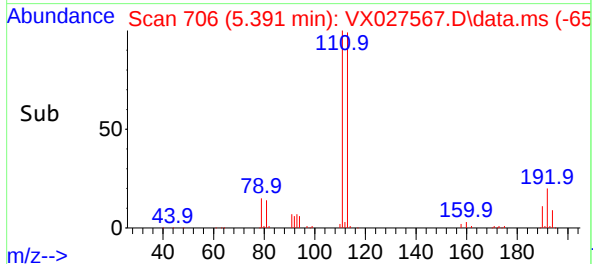
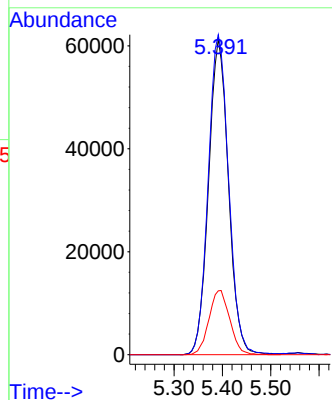
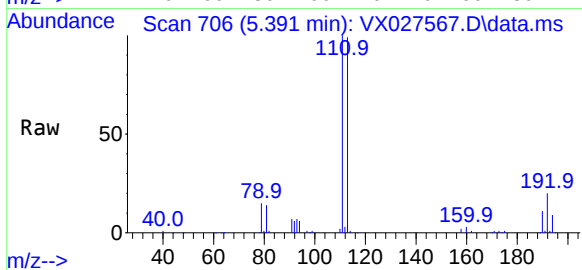
Tgt Ion:113 Resp: 175383

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 21.3 16.9 25.3



#38

Carbon Tetrachloride

Concen: 0.42 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX027567.D

Acq: 19 Mar 2022 17:56

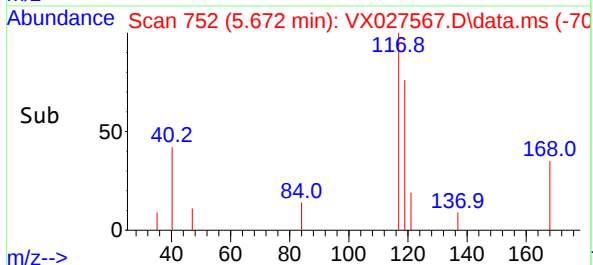
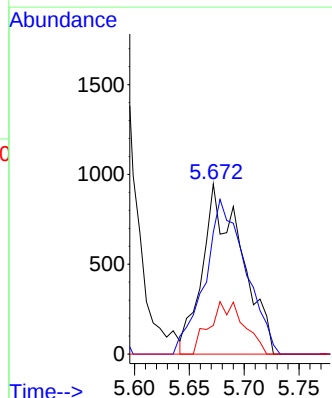
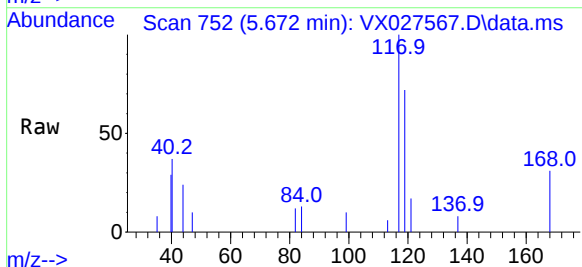
Tgt Ion:117 Resp: 2337

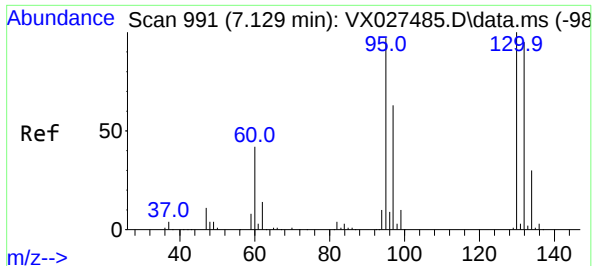
Ion Ratio Lower Upper

117 100

119 71.6 77.3 115.9#

121 16.8 24.2 36.2#

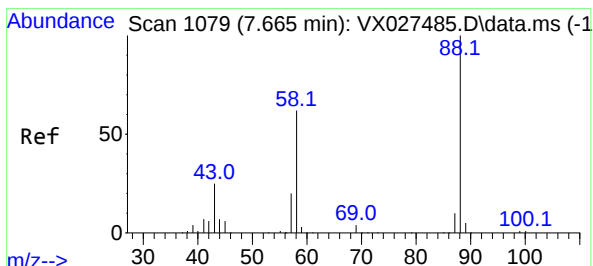
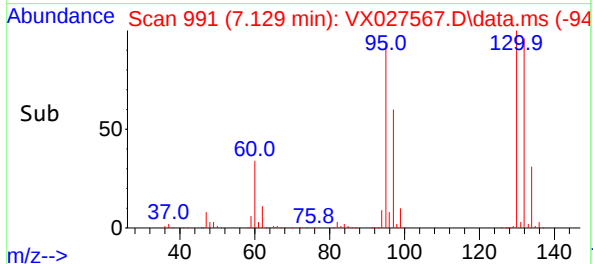
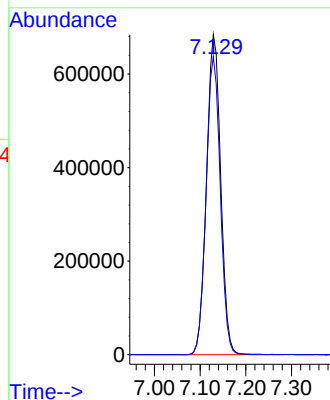
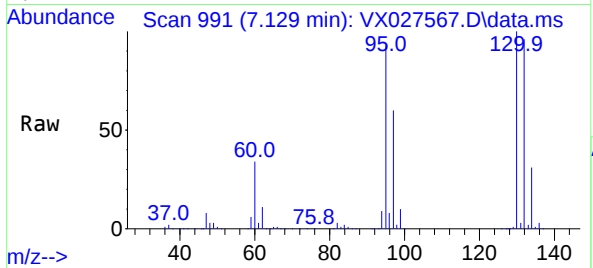




#44
Trichloroethene
Concen: 349.12 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

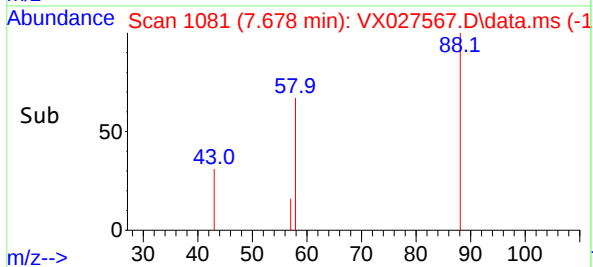
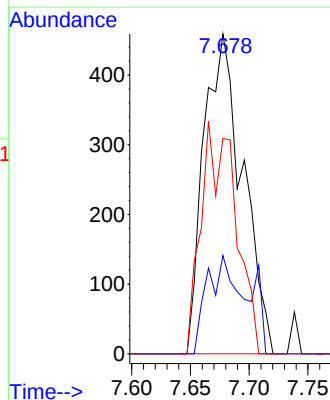
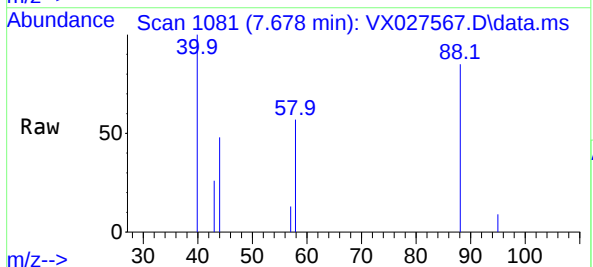
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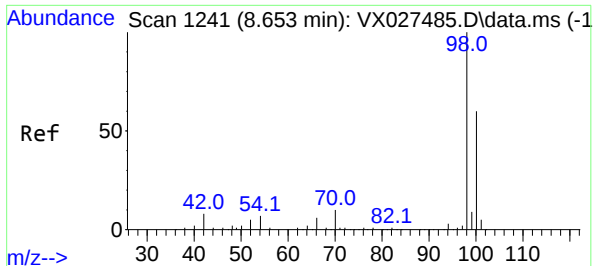
Tgt Ion:130 Resp: 1474454
Ion Ratio Lower Upper
130 100
95 93.2 0.0 188.8



#49
1,4-Dioxane
Concen: 10.69 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

Tgt Ion: 88 Resp: 1057
Ion Ratio Lower Upper
88 100
43 30.9 21.9 32.9
58 64.5 53.7 80.5

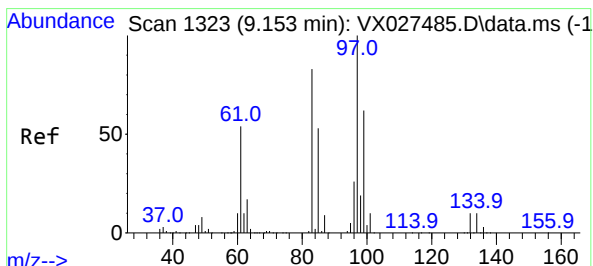
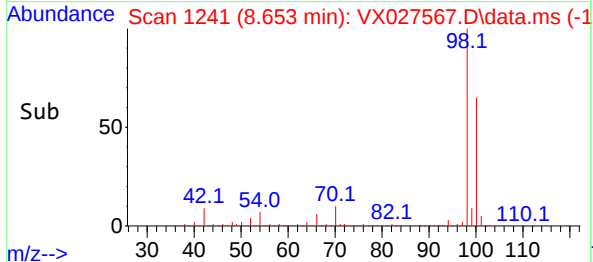
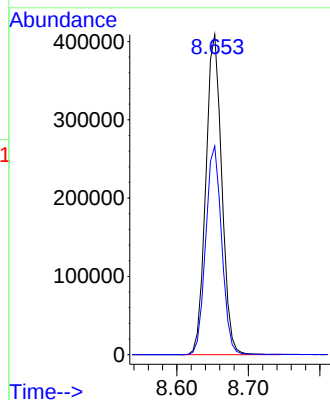
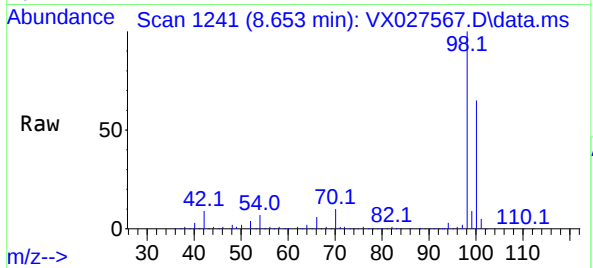




#50
Toluene-d8
Concen: 47.22 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

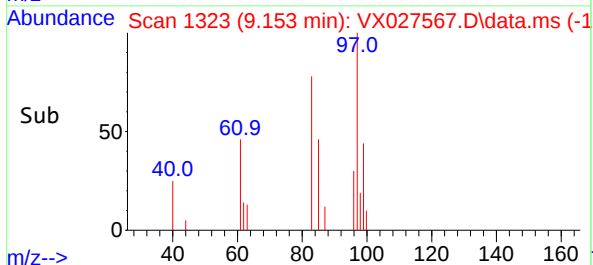
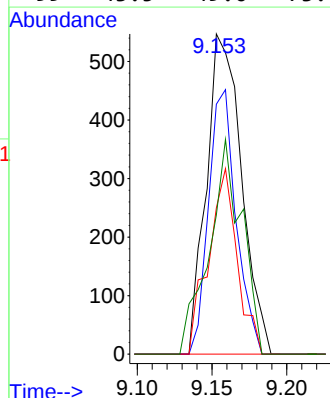
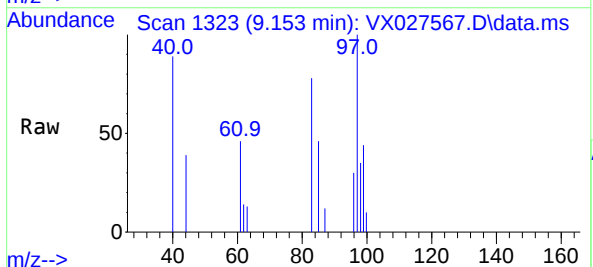
Instrument :
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RE-126D2-20220316

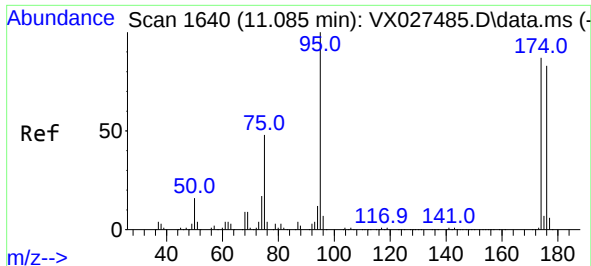
Tgt Ion: 98 Resp: 634011
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#55
1,1,2-Trichloroethane
Concen: 0.24 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

Tgt Ion: 97 Resp: 893
Ion Ratio Lower Upper
97 100
83 78.1 66.2 99.4
85 45.7 42.9 64.3
99 43.5 49.0 73.6#

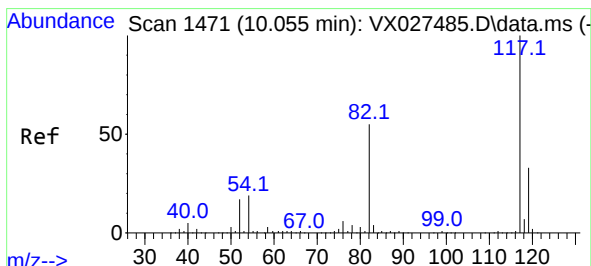
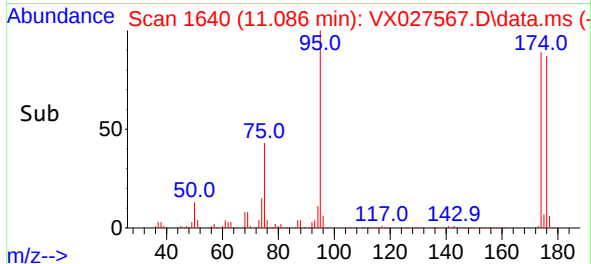
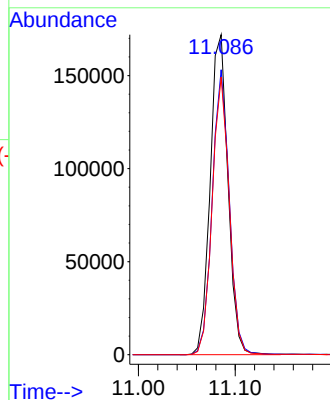
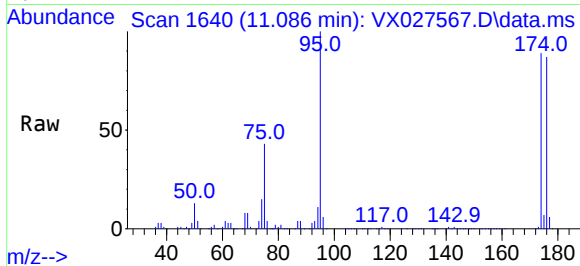




#62
4-Bromofluorobenzene
Concen: 44.59 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

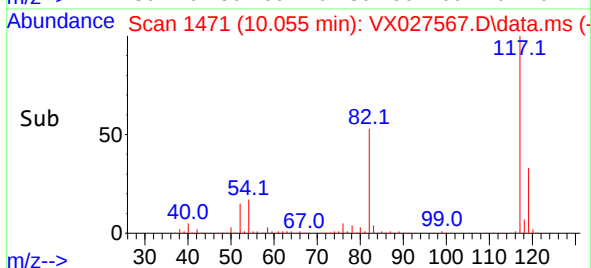
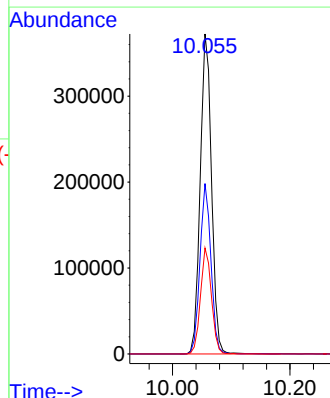
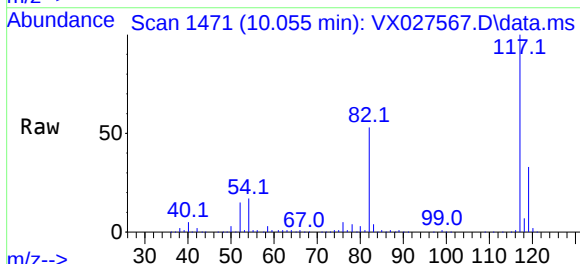
Instrument :
MSVOA_X
ClientSampleId :
RE-126D2-20220316

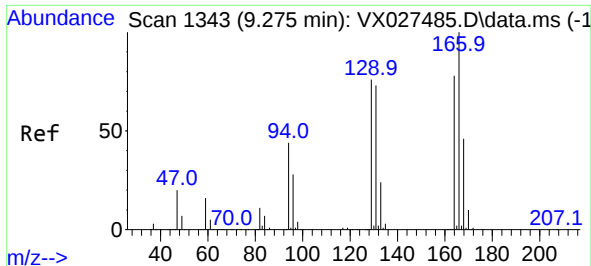
Tgt Ion: 95 Resp: 220092
Ion Ratio Lower Upper
95 100
174 85.2 0.0 163.0
176 83.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

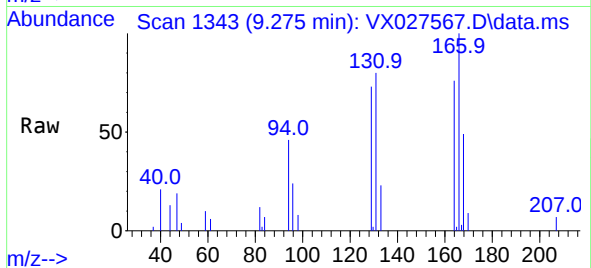
Tgt Ion: 117 Resp: 497802
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.8
119 33.1 24.8 37.2





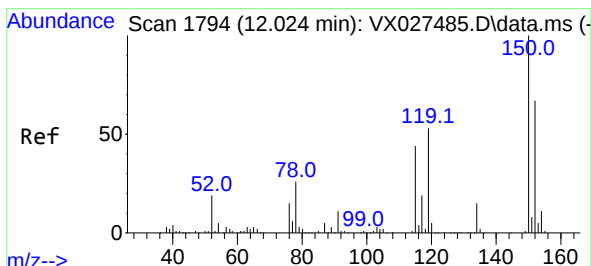
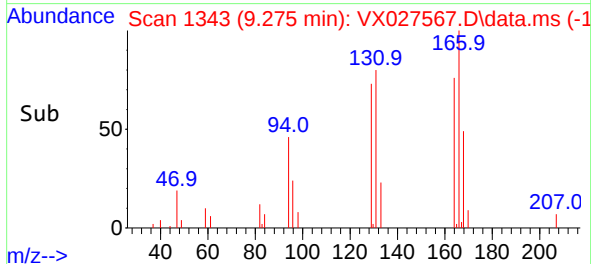
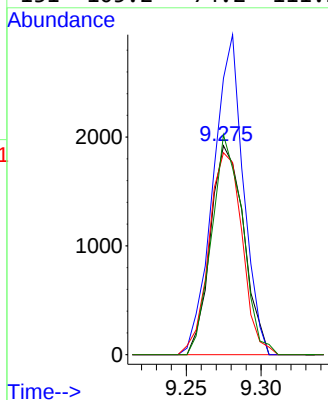
#64
Tetrachloroethene
Concen: 0.77 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

Instrument :
MSVOA_X
ClientSampleId :
RE-126D2-20220316



Tgt Ion:164 Resp: 2978

Ion	Ratio	Lower	Upper
164	100		
166	132.3	101.2	151.8
129	96.7	73.0	109.4
131	105.2	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027567.D
Acq: 19 Mar 2022 17:56

Tgt Ion:152 Resp: 226698

Ion	Ratio	Lower	Upper
152	100		
115	57.9	37.5	112.7
150	157.7	0.0	338.2

