

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025490.D
 Acq On : 03 Dec 2021 18:16
 Operator : JC/MD
 Sample : M4924-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP08-20211202

Quant Time: Dec 04 06:52:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

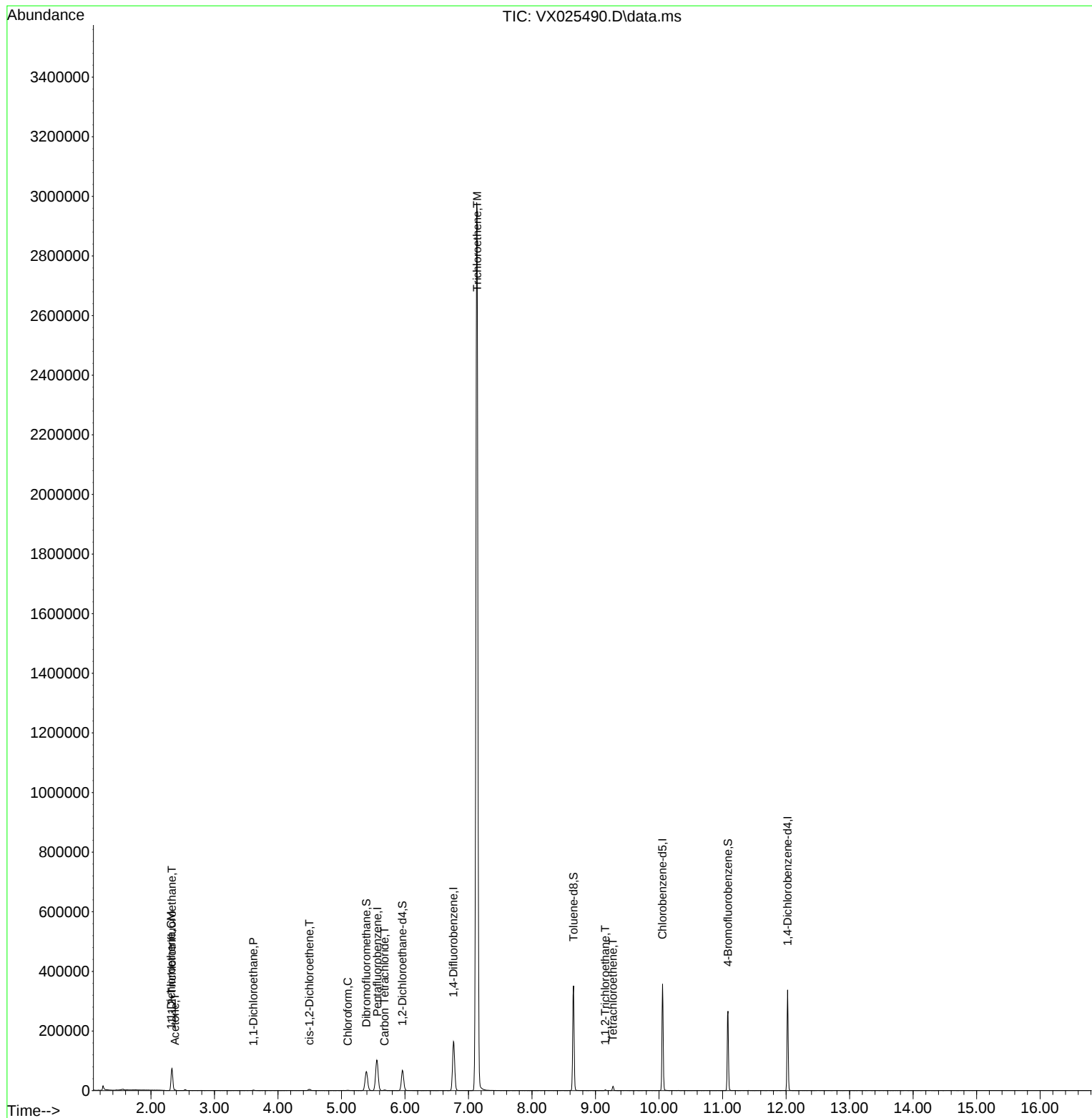
Internal Standards						
1) Pentafluorobenzene	5.562	168	103809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177708	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62155	56.803	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.600%
35) Dibromofluoromethane	5.391	113	54952	50.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.800%
50) Toluene-d8	8.653	98	206231	50.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.620%
62) 4-Bromofluorobenzene	11.085	95	72413	46.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.380%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	25135	26.018	ug/l	99
12) 1,1-Dichloroethene	2.318	96	6351	6.601	ug/l	86
16) Acetone	2.379	43	2097	3.449	ug/l	96
24) 1,1-Dichloroethane	3.611	63	2148	1.185	ug/l #	95
27) cis-1,2-Dichloroethene	4.495	96	2840	2.307	ug/l	85
30) Chloroform	5.098	83	1536	0.815	ug/l	93
38) Carbon Tetrachloride	5.678	117	1624	0.951	ug/l	92
44) Trichloroethene	7.135	130	1180555	865.260	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	761	0.624	ug/l	91
64) Tetrachloroethene	9.274	164	2938	2.201	ug/l	87

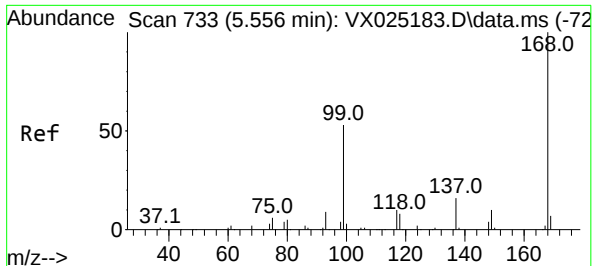
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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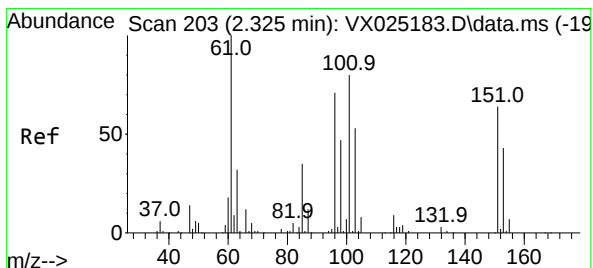
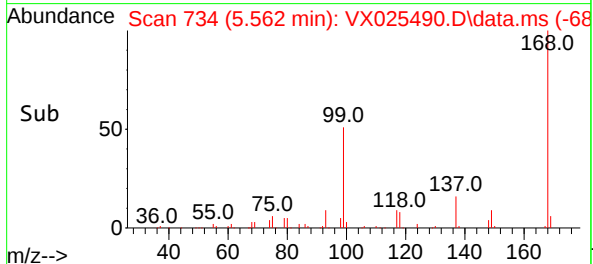
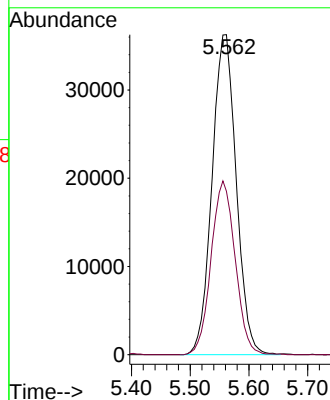
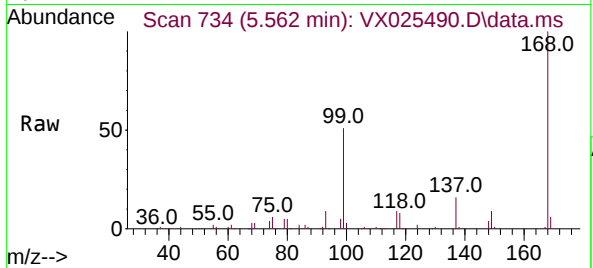




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025490.D
Acq: 03 Dec 2021 18:16

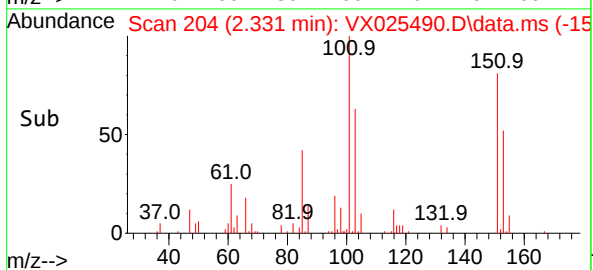
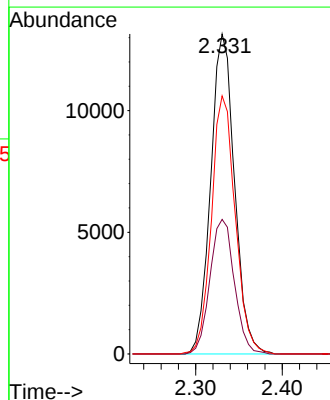
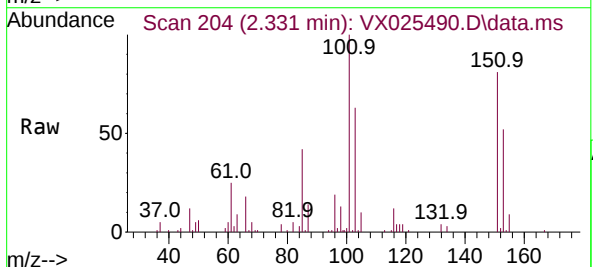
Instrument :
MSVOA_X
ClientSampleId :
DUP08-20211202

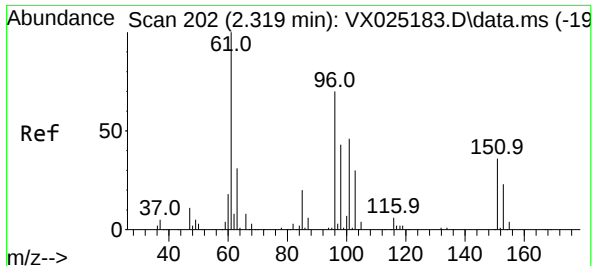
Tgt Ion:168 Resp: 103809
Ion Ratio Lower Upper
168 100
99 51.1 46.4 69.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.018 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025490.D
Acq: 03 Dec 2021 18:16

Tgt Ion:101 Resp: 25135
Ion Ratio Lower Upper
101 100
85 43.0 35.9 53.9
151 80.5 64.4 96.6





#12

1,1-Dichloroethene

Concen: 6.601 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX025490.D

Acq: 03 Dec 2021 18:16

Instrument :

MSVOA_X

ClientSampleId :

DUP08-20211202

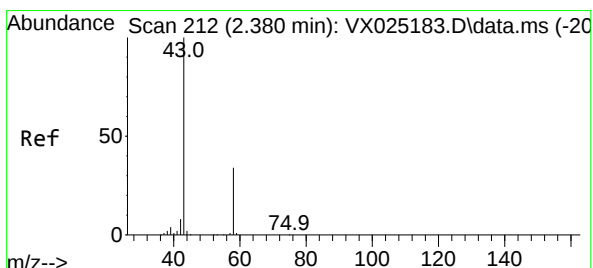
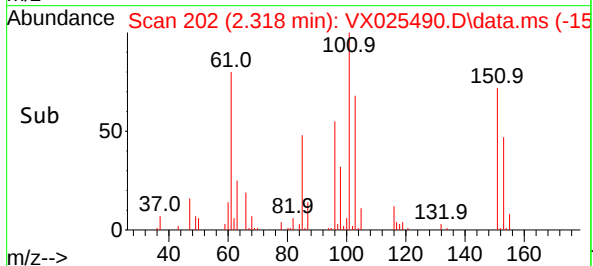
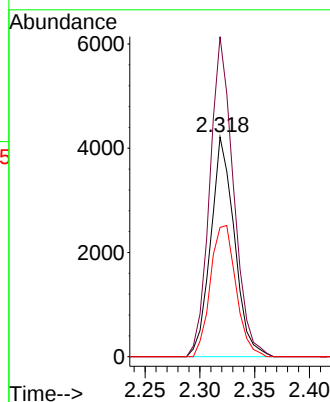
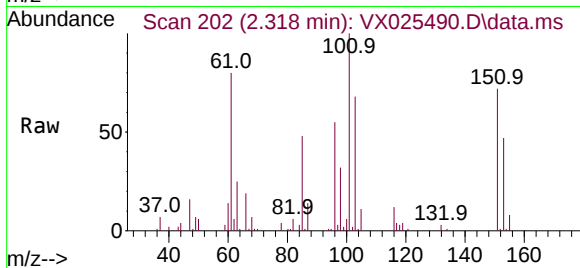
Tgt Ion: 96 Resp: 6351

Ion Ratio Lower Upper

96 100

61 145.6 134.1 201.1

98 58.9 51.5 77.3



#16

Acetone

Concen: 3.449 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX025490.D

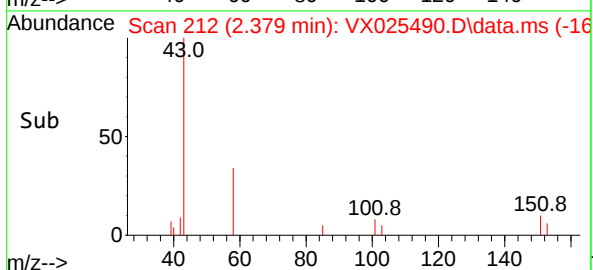
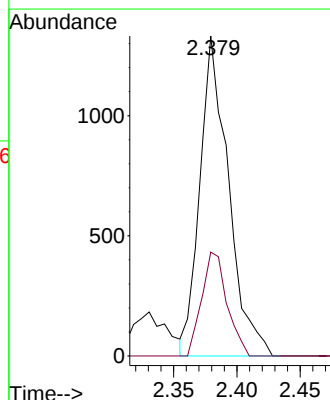
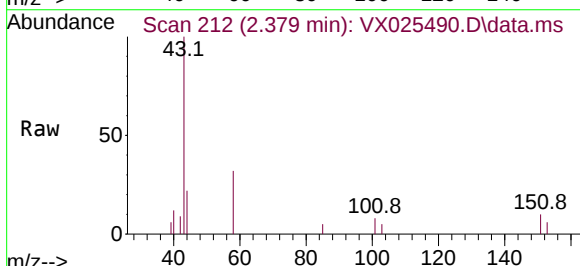
Acq: 03 Dec 2021 18:16

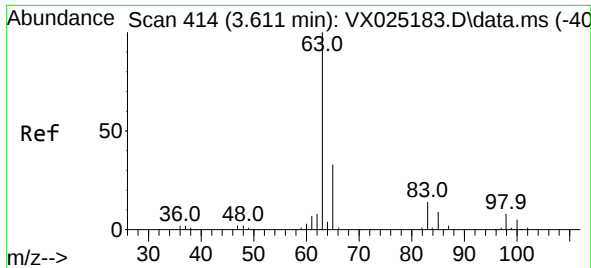
Tgt Ion: 43 Resp: 2097

Ion Ratio Lower Upper

43 100

58 32.4 24.0 36.0

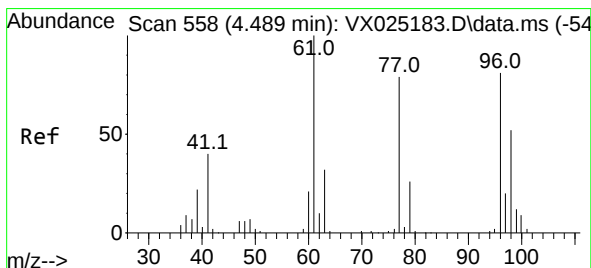
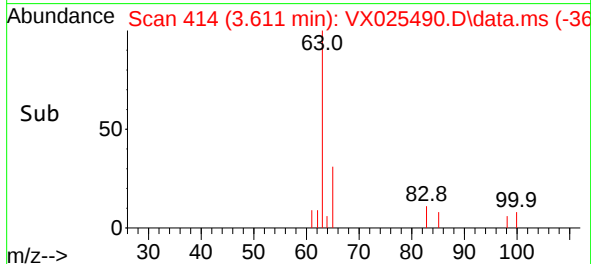
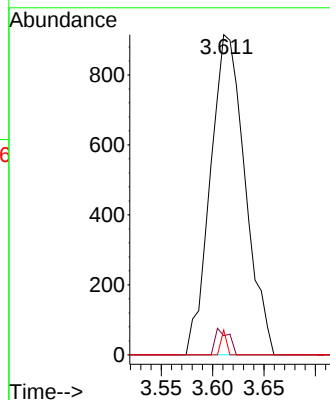
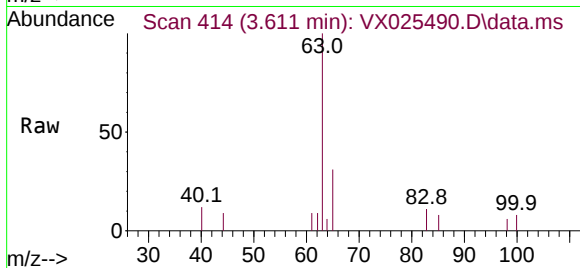




#24
 1,1-Dichloroethane
 Concen: 1.185 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX025490.D
 Acq: 03 Dec 2021 18:16

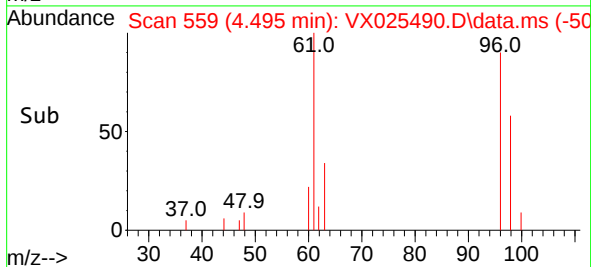
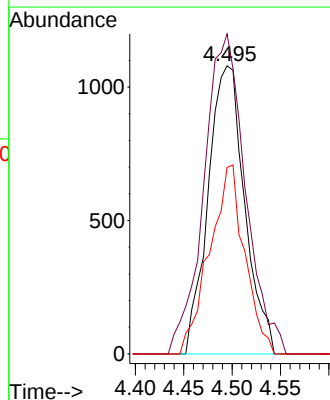
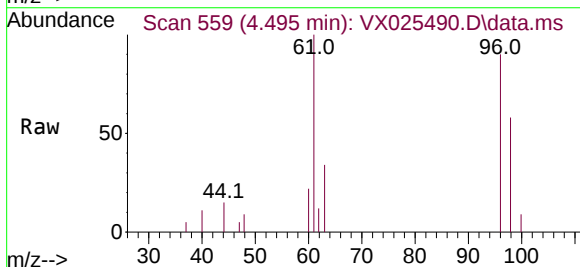
Instrument :
 MSVOA_X
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 DUP08-20211202

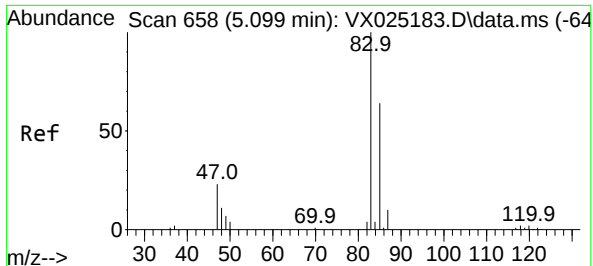
Tgt Ion: 63 Resp: 2148
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 7.8 2.1 6.2#



#27
 cis-1,2-Dichloroethene
 Concen: 2.307 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX025490.D
 Acq: 03 Dec 2021 18:16

Tgt Ion: 96 Resp: 2840
 Ion Ratio Lower Upper
 96 100
 61 126.1 0.0 302.2
 98 62.9 0.0 131.4





#30

Chloroform

Concen: 0.815 ug/l

RT: 5.098 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX025490.D

Acq: 03 Dec 2021 18:16

Instrument :

MSVOA_X

ClientSampleId :

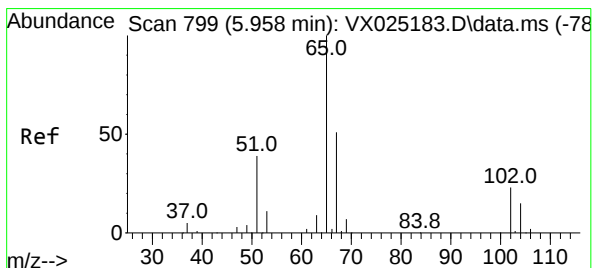
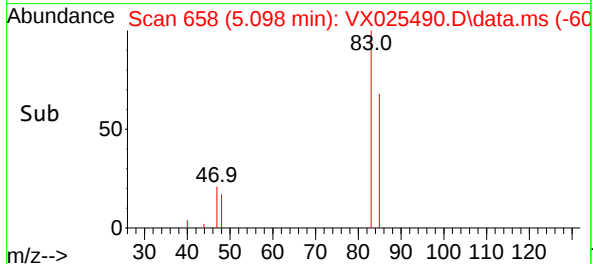
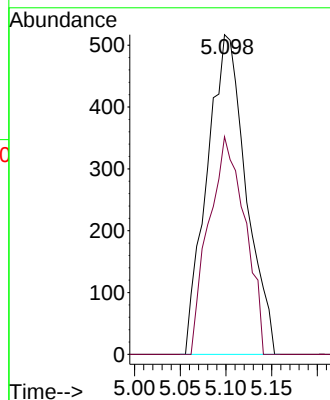
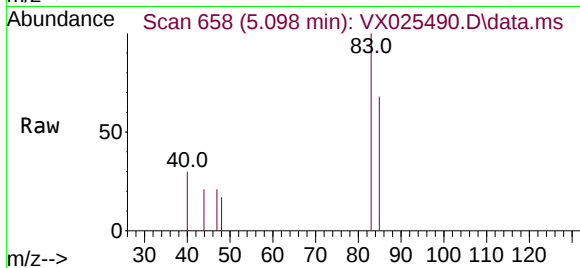
DUP08-20211202

Tgt Ion: 83 Resp: 1536

Ion Ratio Lower Upper

83 100

85 68.1 50.2 75.2



#33

1,2-Dichloroethane-d4

Concen: 56.803 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025490.D

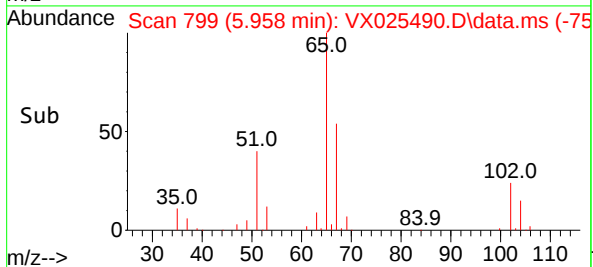
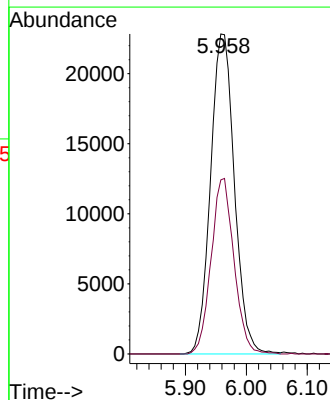
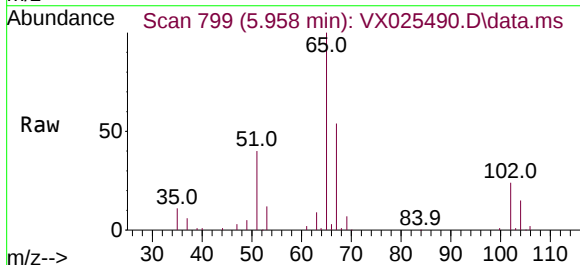
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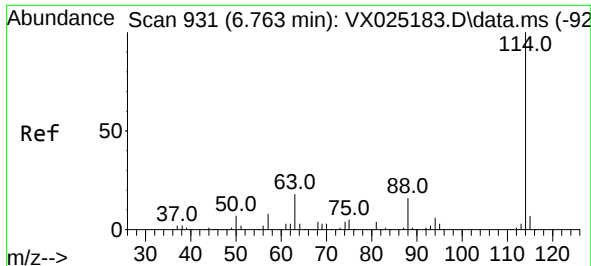
Tgt Ion: 65 Resp: 62155

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.0

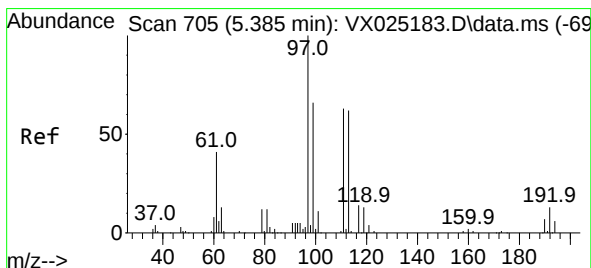
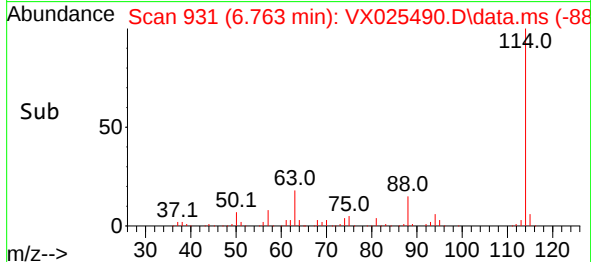
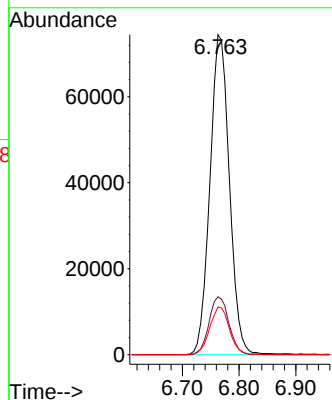
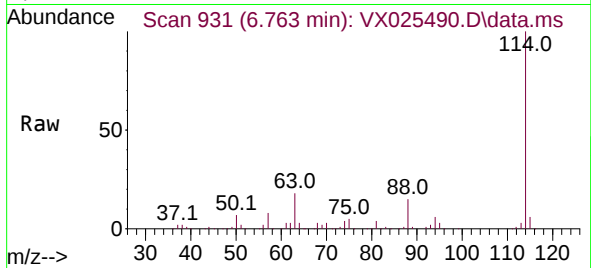




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX025490.D
 Acq: 03 Dec 2021 18:16

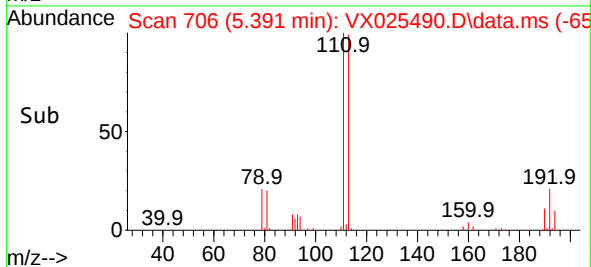
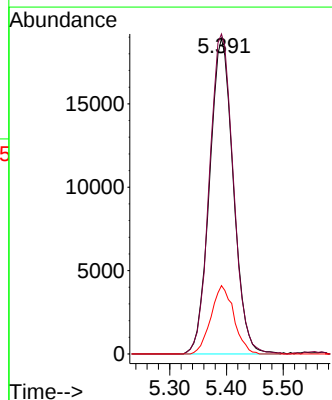
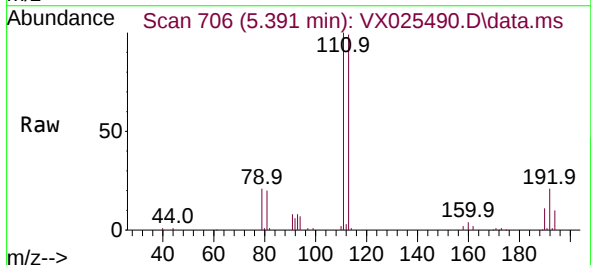
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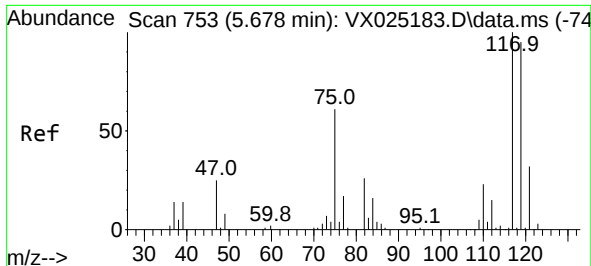
Tgt Ion:114 Resp: 177708
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 41.0
 88 14.9 0.0 34.8



#35
 Dibromofluoromethane
 Concen: 50.398 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX025490.D
 Acq: 03 Dec 2021 18:16

Tgt Ion:113 Resp: 54952
 Ion Ratio Lower Upper
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 111 102.2 82.1 123.1
 192 20.9 15.6 23.4

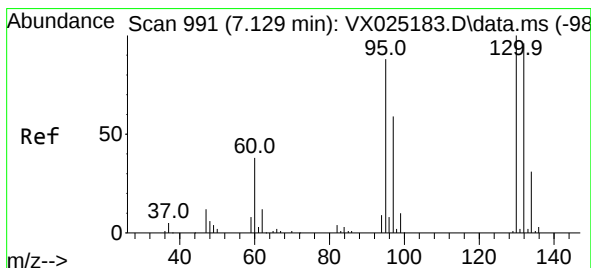
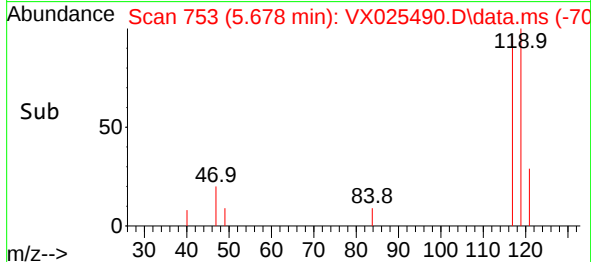
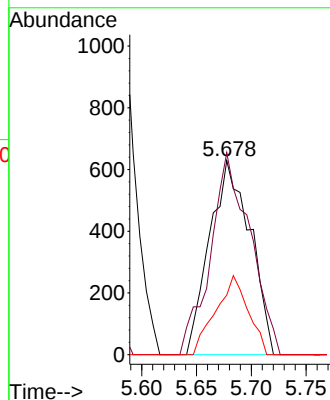
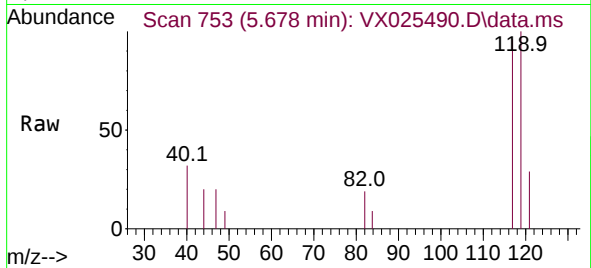




#38
Carbon Tetrachloride
Concen: 0.951 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX025490.D
Acq: 03 Dec 2021 18:16

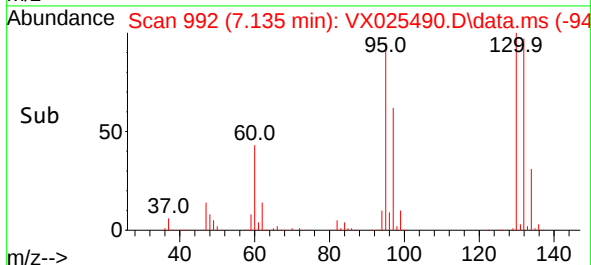
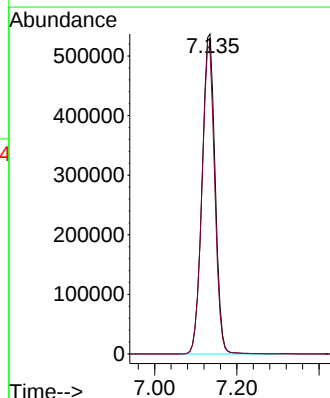
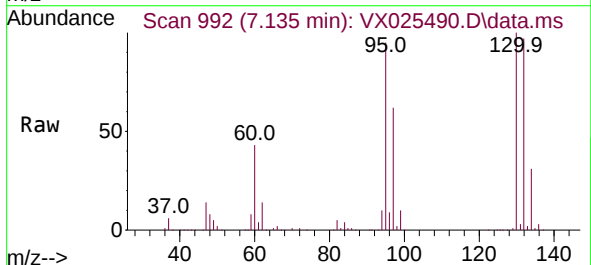
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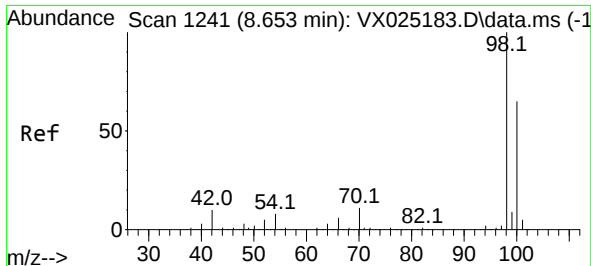
Tgt Ion:117 Resp: 1624
Ion Ratio Lower Upper
117 100
119 104.1 75.6 113.4
121 30.7 23.7 35.5



#44
Trichloroethene
Concen: 865.260 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX025490.D
Acq: 03 Dec 2021 18:16

Tgt Ion:130 Resp: 1180555
Ion Ratio Lower Upper
130 100
95 95.1 0.0 196.8

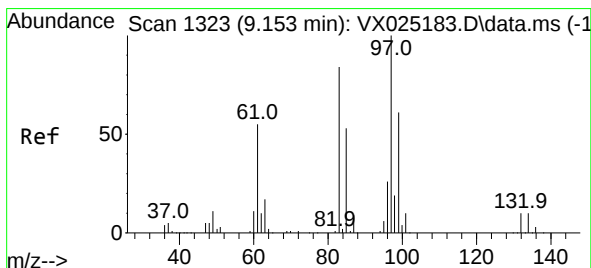
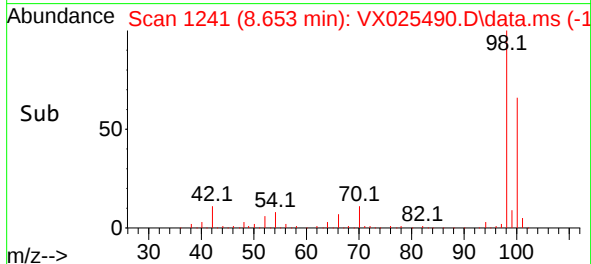
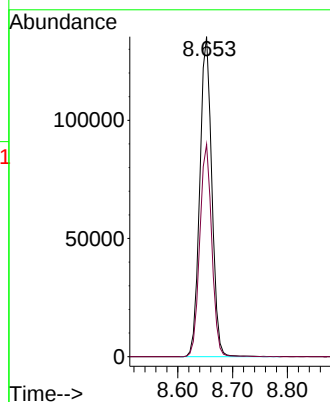
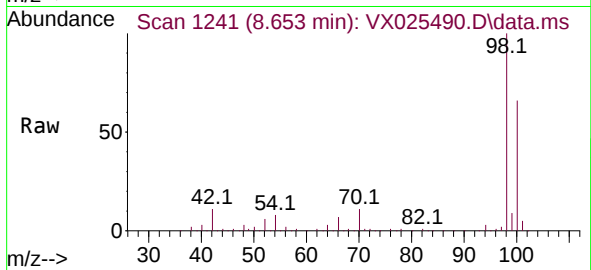




#50
Toluene-d8
Concen: 50.305 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025490.D
Acq: 03 Dec 2021 18:16

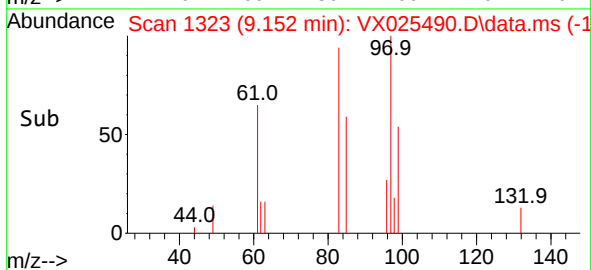
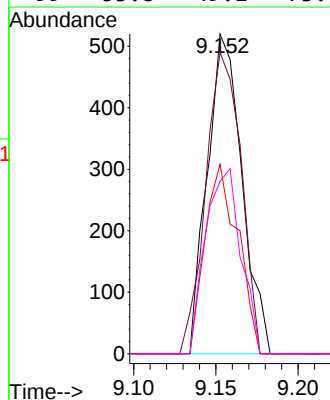
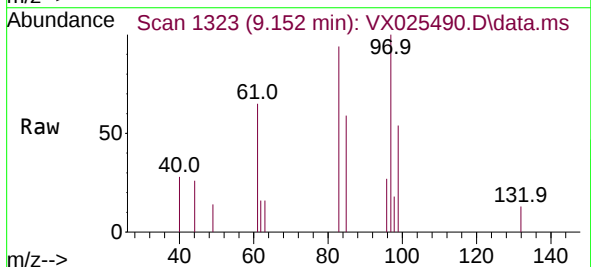
Instrument :
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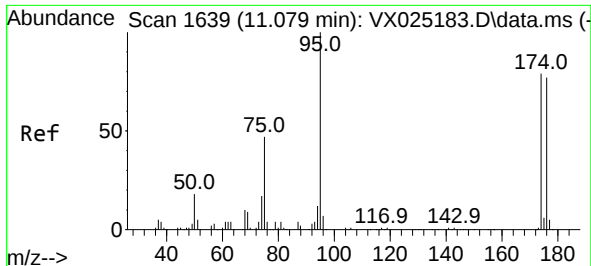
Tgt Ion: 98 Resp: 206231
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0



#55
1,1,2-Trichloroethane
Concen: 0.624 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX025490.D
Acq: 03 Dec 2021 18:16

Tgt Ion: 97 Resp: 761
Ion Ratio Lower Upper
97 100
83 94.2 69.2 103.8
85 59.2 43.3 64.9
99 53.8 49.1 73.7





#62

4-Bromofluorobenzene

Concen: 46.690 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX025490.D

Acq: 03 Dec 2021 18:16

Instrument :

MSVOA_X

ClientSampleId :

DUP08-20211202

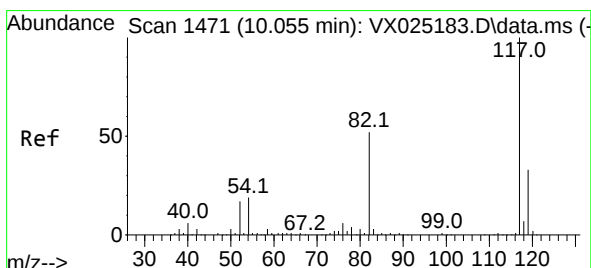
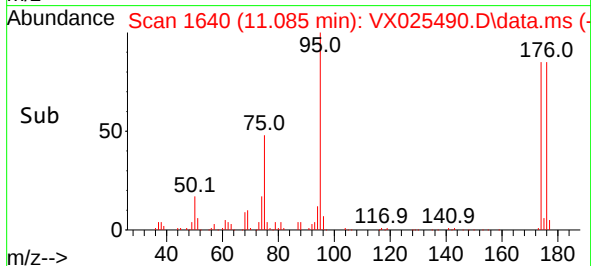
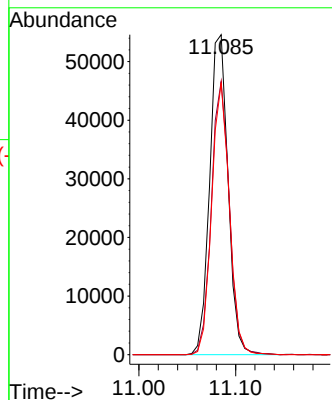
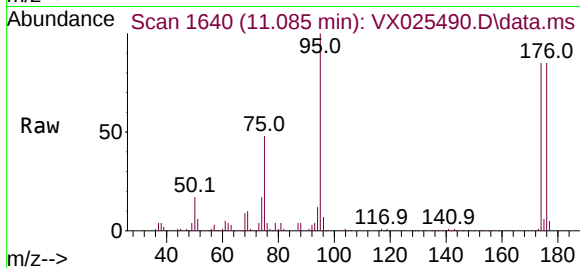
Tgt Ion: 95 Resp: 72413

Ion Ratio Lower Upper

95 100

174 83.3 0.0 158.0

176 81.5 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX025490.D

Acq: 03 Dec 2021 18:16

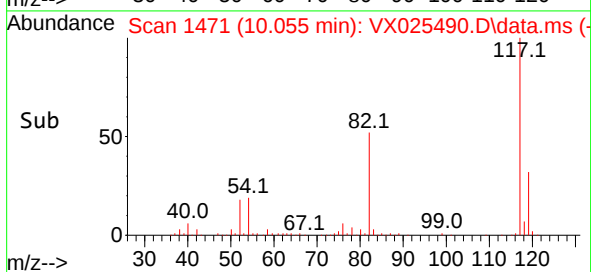
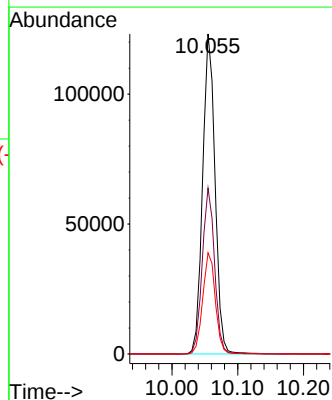
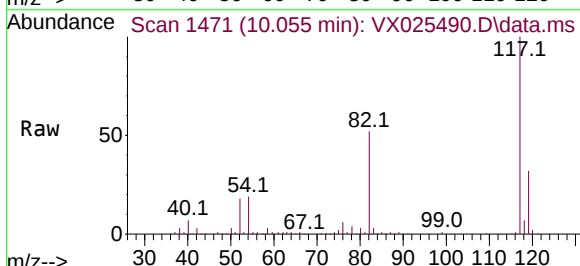
Tgt Ion: 117 Resp: 161842

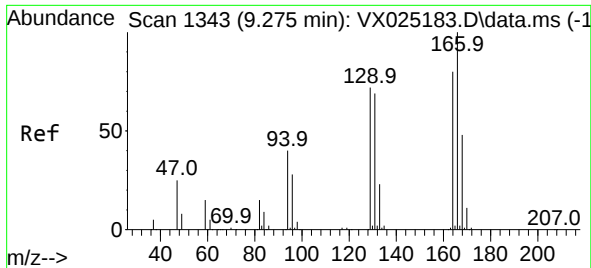
Ion Ratio Lower Upper

117 100

82 51.8 44.6 67.0

119 31.6 24.8 37.2



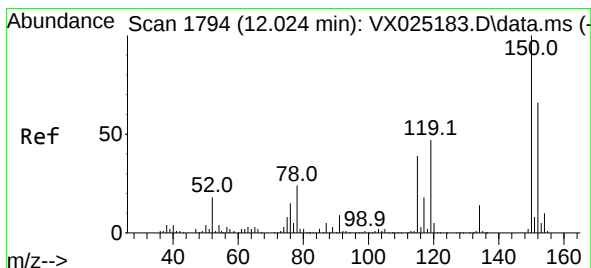
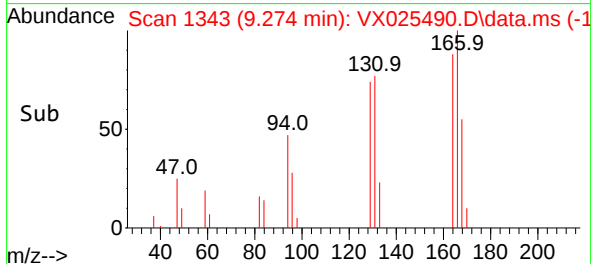
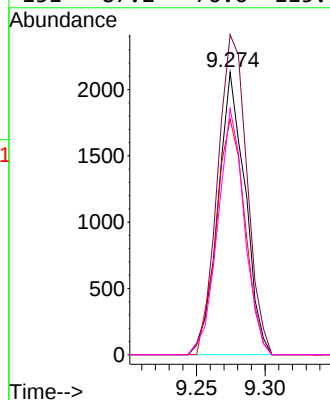
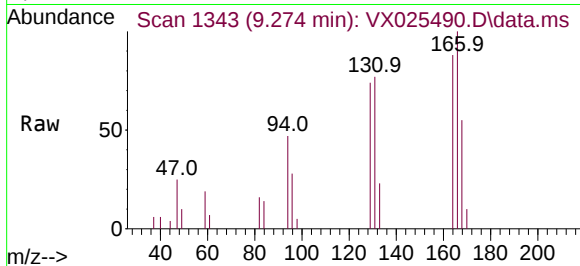


#64
Tetrachloroethene
Concen: 2.201 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025490.D
Acq: 03 Dec 2021 18:16

Instrument :
MSVOA_X
ClientSampleId :
DUP08-20211202

Tgt Ion:164 Resp: 2938

Ion	Ratio	Lower	Upper
164	100		
166	113.3	103.2	154.8
129	83.5	81.0	121.4
131	87.2	76.6	115.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025490.D
Acq: 03 Dec 2021 18:16

Tgt Ion:152 Resp: 72755

Ion	Ratio	Lower	Upper
152	100		
115	57.1	43.3	129.8
150	154.7	0.0	351.2

