

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040276.D
 Acq On : 16 Feb 2024 14:22
 Operator : JC/MD
 Sample : P1507-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20240214

Quant Time: Feb 17 01:36:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

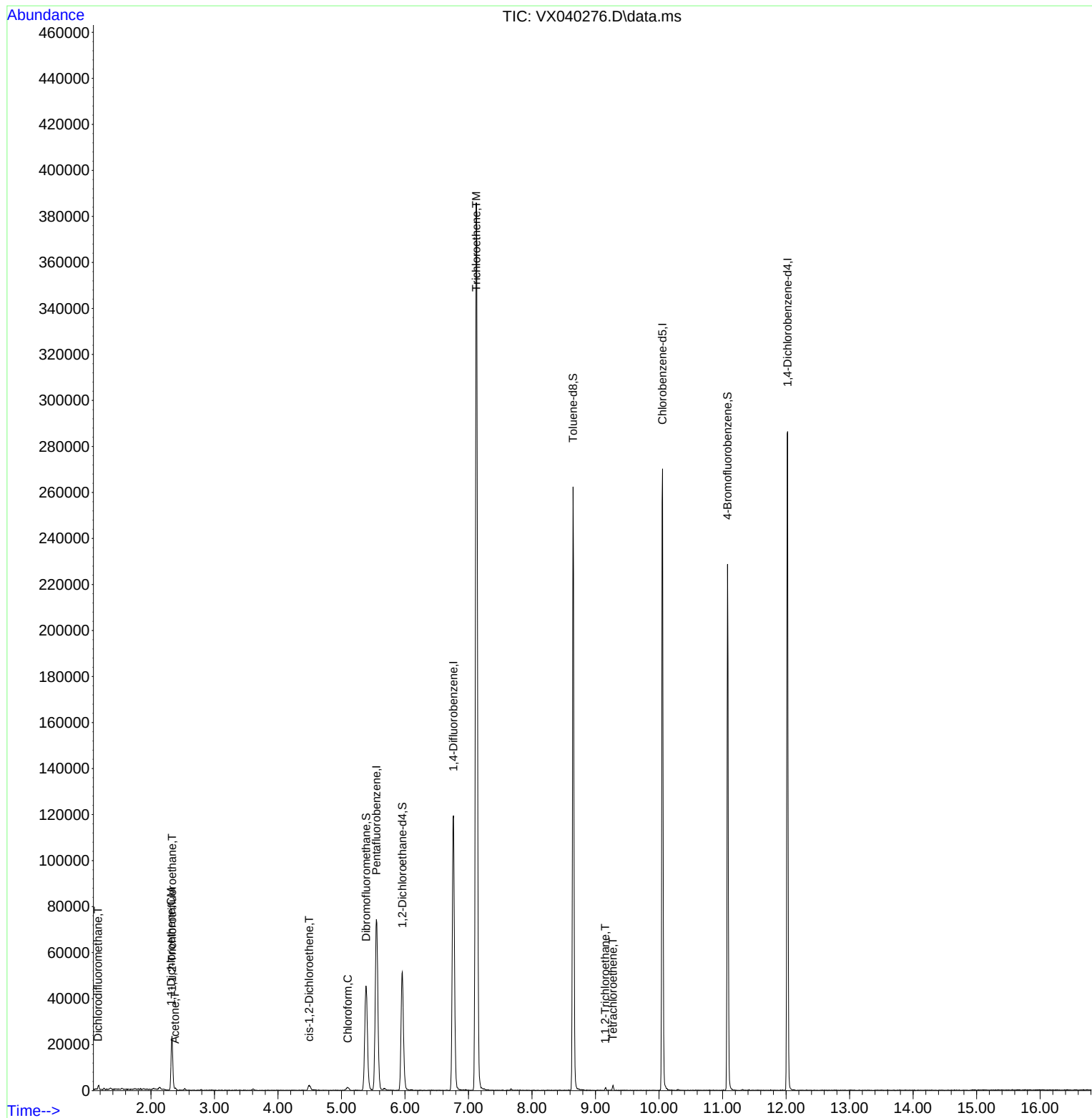
Internal Standards						
1) Pentafluorobenzene	5.550	168	71541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49708	46.704	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.400%		
35) Dibromofluoromethane	5.385	113	40493	47.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.200%		
50) Toluene-d8	8.647	98	149693	46.545	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.100%		
62) 4-Bromofluorobenzene	11.079	95	60876	46.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.820%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	764	0.945	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	7990	10.532	ug/l	99
12) 1,1-Dichloroethene	2.319	96	1673	2.291	ug/l	97
16) Acetone	2.380	43	947	2.166	ug/l #	88
27) cis-1,2-Dichloroethene	4.489	96	1573	1.658	ug/l	85
30) Chloroform	5.099	83	1606	0.992	ug/l	87
44) Trichloroethene	7.123	130	148318	159.651	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	397	0.422	ug/l #	62
64) Tetrachloroethene	9.275	164	362	0.434	ug/l #	81

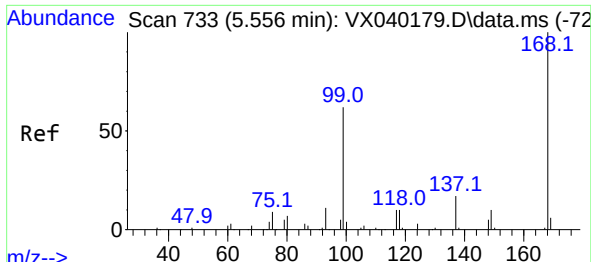
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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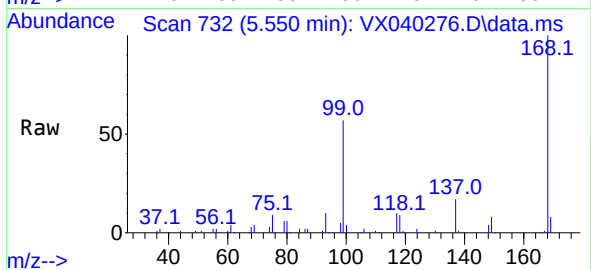
Quant Time: Feb 17 01:36:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
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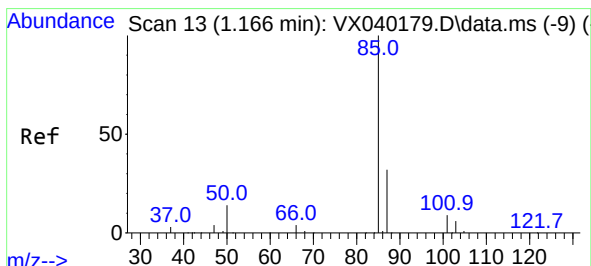
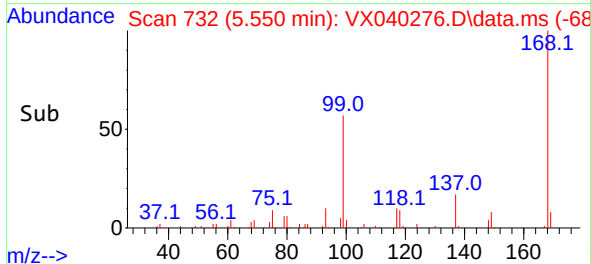
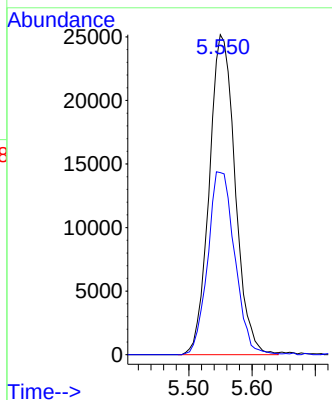


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

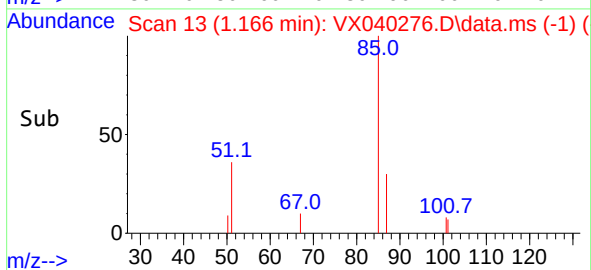
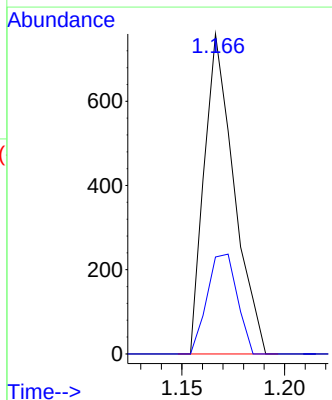
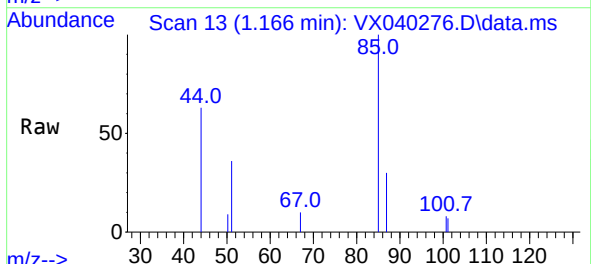


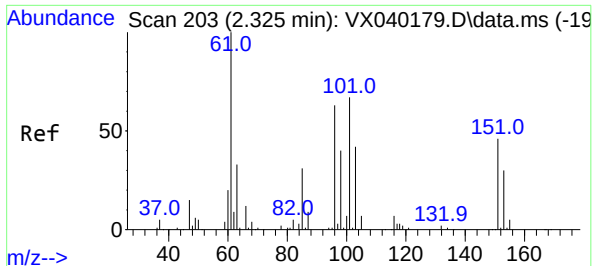
Tgt Ion:168 Resp: 71541
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.945 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 85 Resp: 764
Ion Ratio Lower Upper
85 100
87 30.3 16.7 50.1



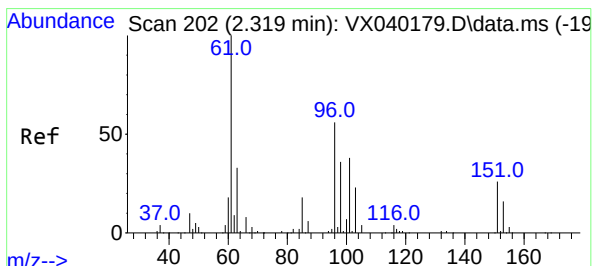
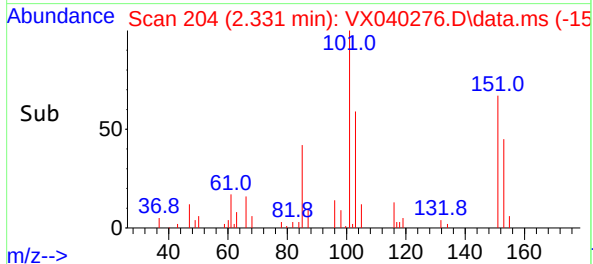
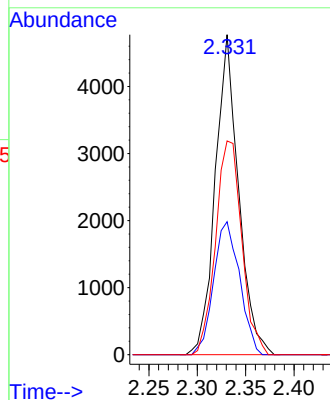
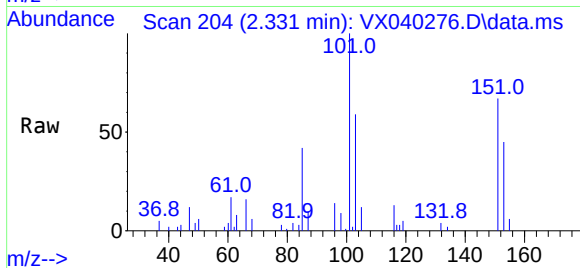


#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.532 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

Tgt Ion:101 Resp: 7990

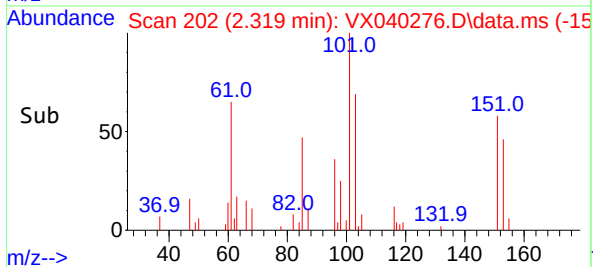
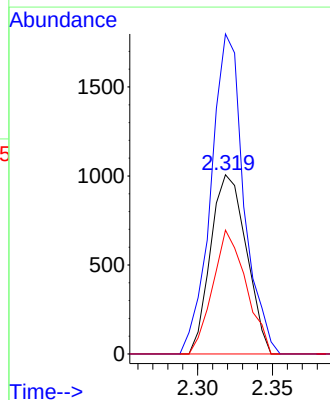
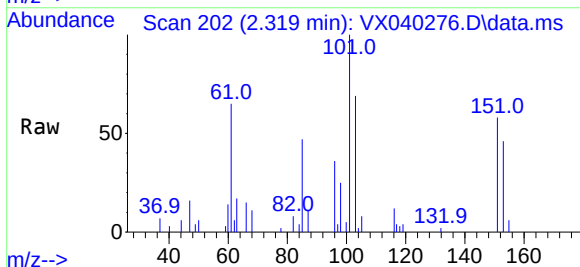
Ion	Ratio	Lower	Upper
101	100		
85	46.4	37.0	55.6
151	75.0	58.6	87.8

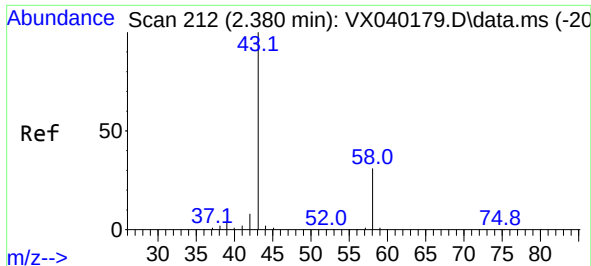


#12
1,1-Dichloroethene
Concen: 2.291 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 96 Resp: 1673

Ion	Ratio	Lower	Upper
96	100		
61	178.6	144.6	216.8
98	69.1	50.4	75.6

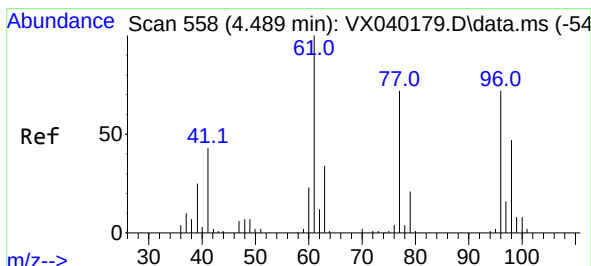
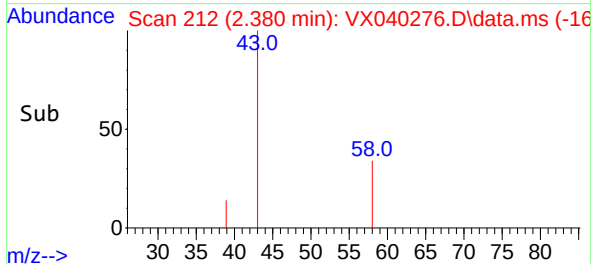
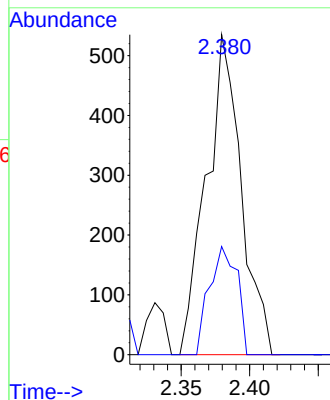
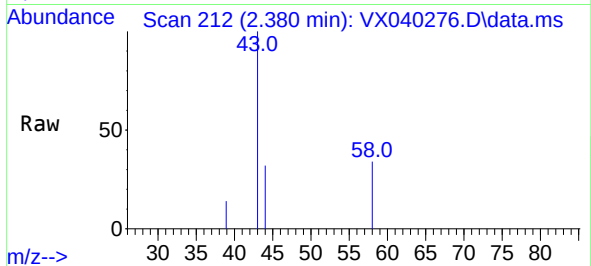




#16
Acetone
Concen: 2.166 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

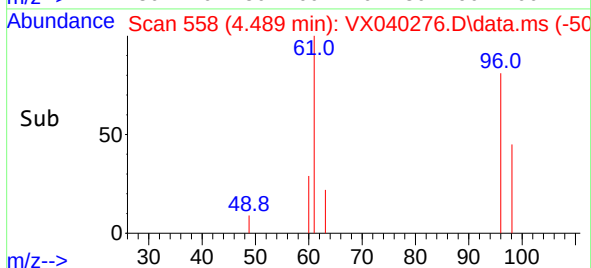
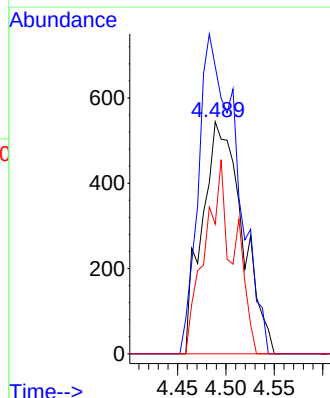
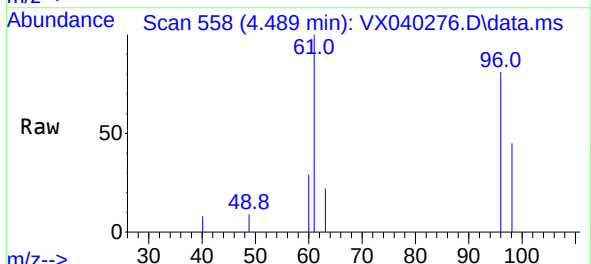
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

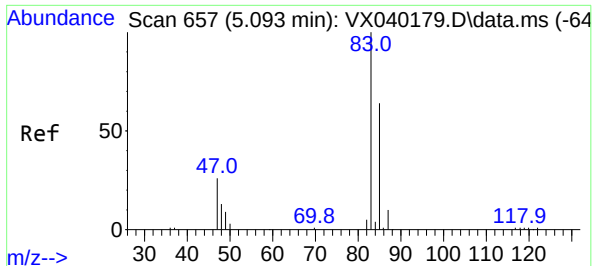
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 1.658 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 96 Resp: 1573
Ion Ratio Lower Upper
96 100
61 131.7 0.0 312.2
98 60.6 0.0 129.0





#30

Chloroform

Concen: 0.992 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX040276.D

Acq: 16 Feb 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

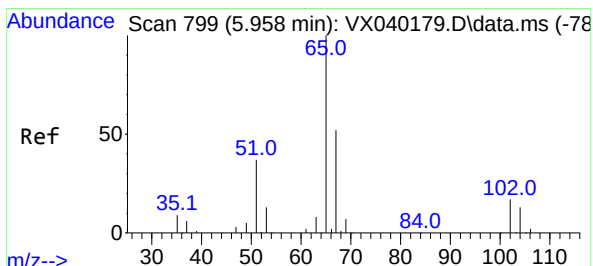
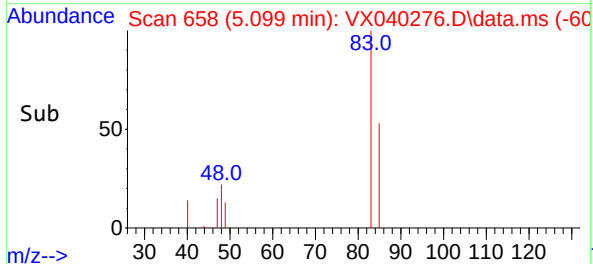
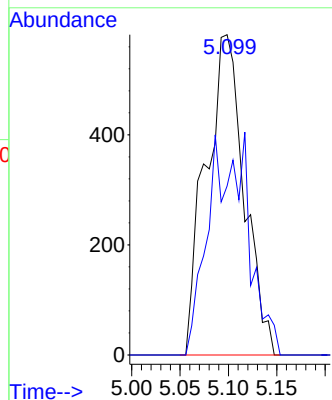
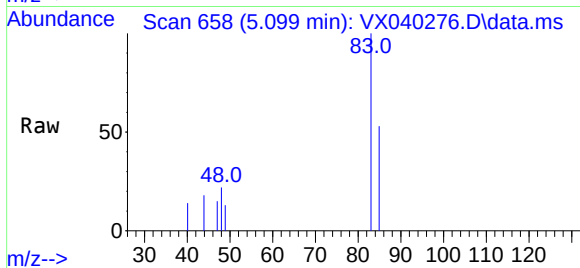
RE132D5-20240214

Tgt Ion: 83 Resp: 1606

Ion Ratio Lower Upper

83 100

85 52.7 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 46.704 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040276.D

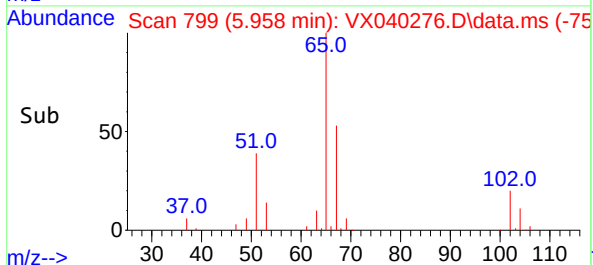
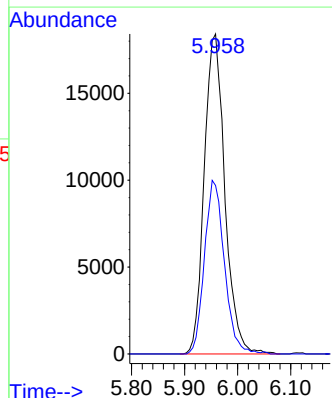
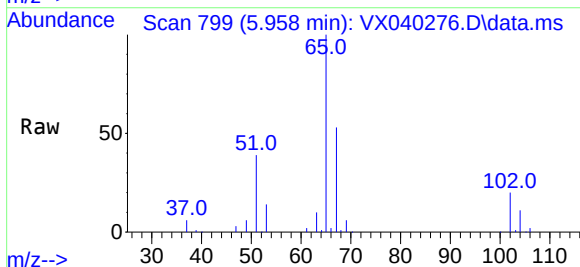
Acq: 16 Feb 2024 14:22

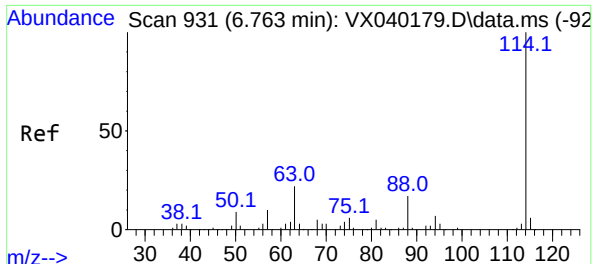
Tgt Ion: 65 Resp: 49708

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.2

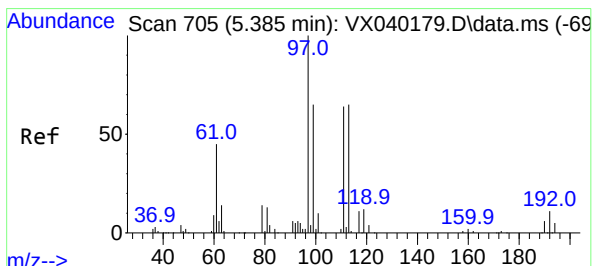
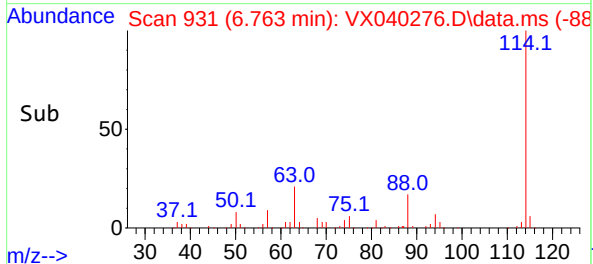
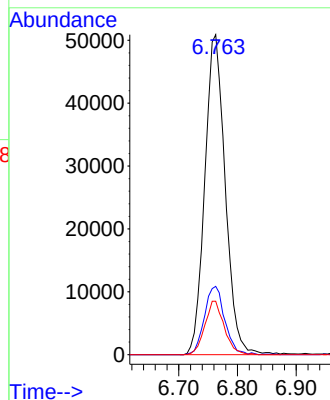
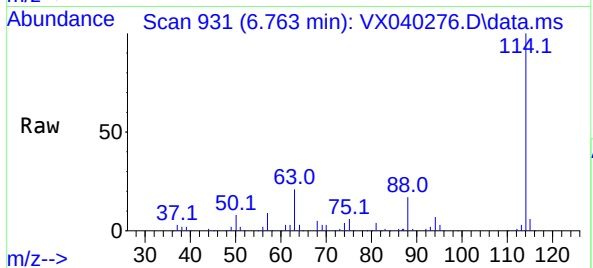




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

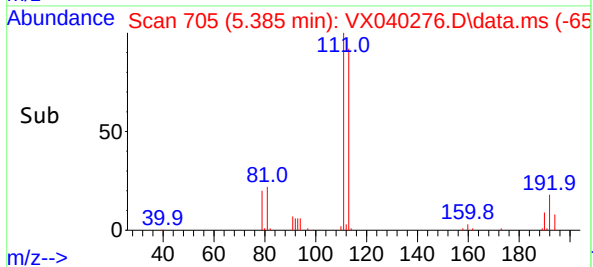
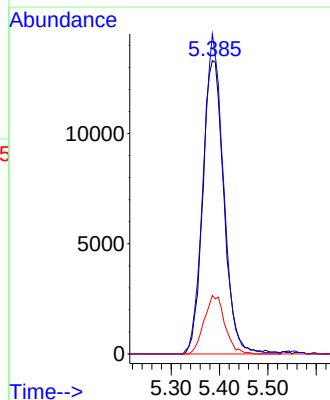
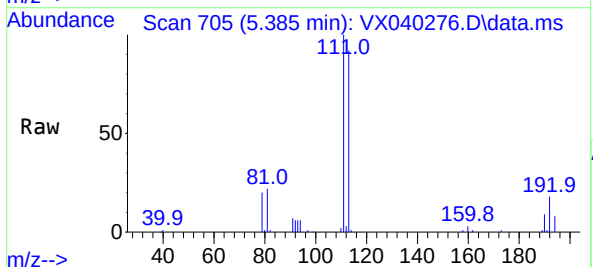
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

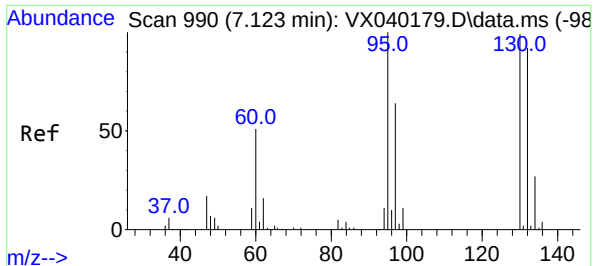
Tgt Ion:114 Resp: 123112
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.099 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion:113 Resp: 40493
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 19.4 13.3 19.9

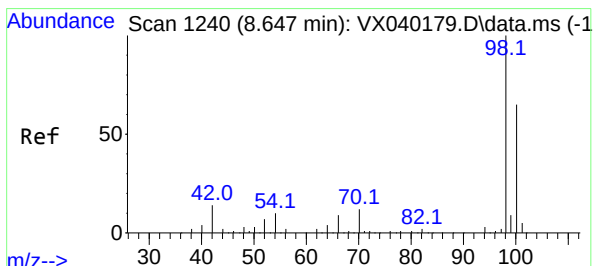
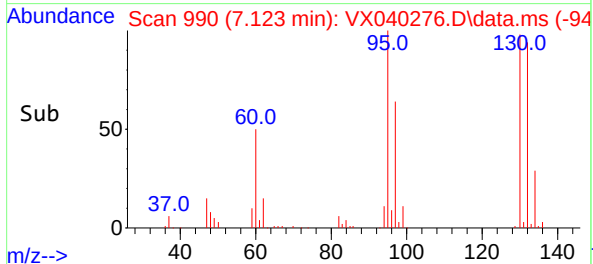
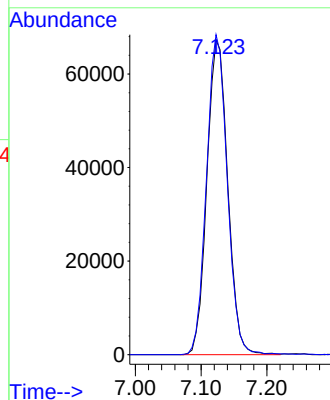
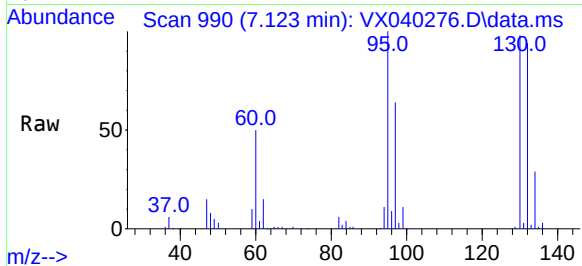




#44
Trichloroethene
Concen: 159.651 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

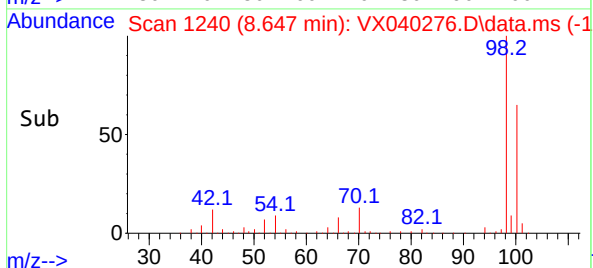
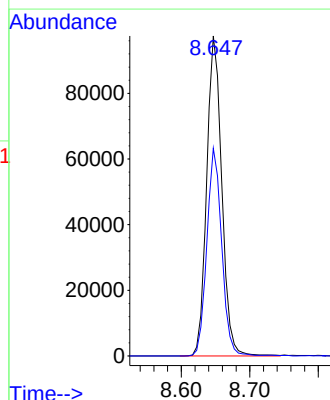
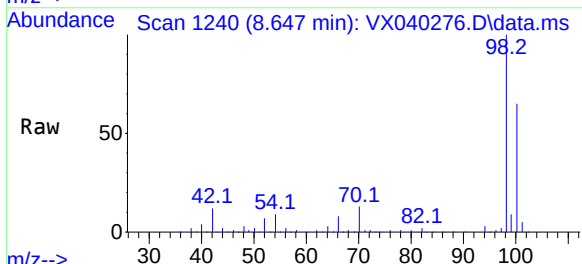
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

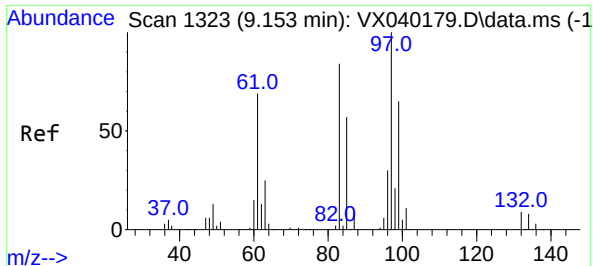
Tgt Ion:130 Resp: 148318
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.4



#50
Toluene-d8
Concen: 46.545 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 98 Resp: 149693
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



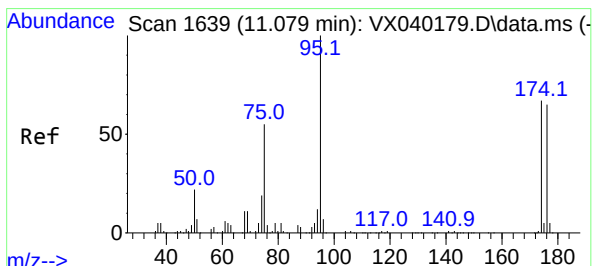
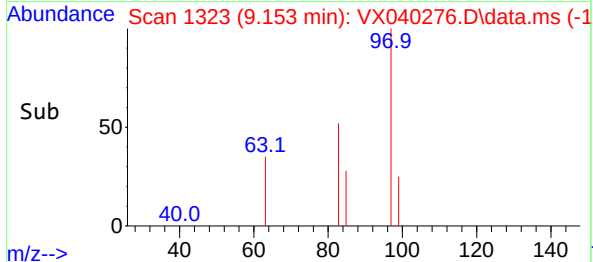
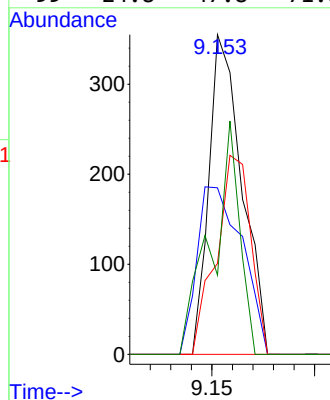
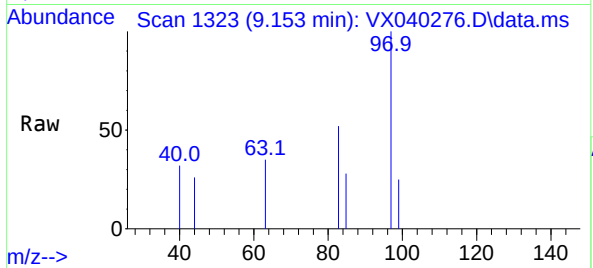


#55
1,1,2-Trichloroethane
Concen: 0.422 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

Tgt Ion: 97 Resp: 397

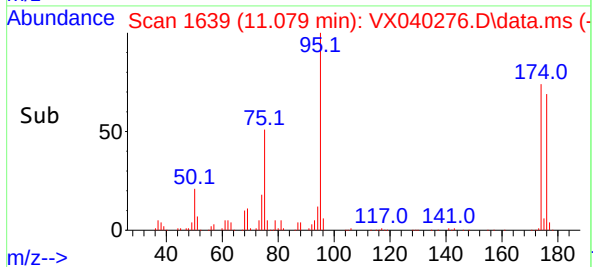
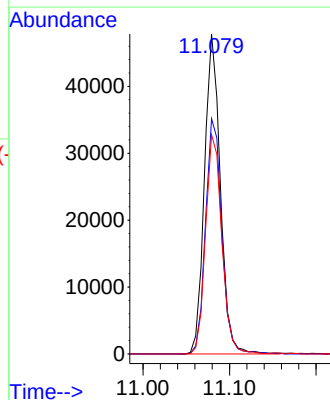
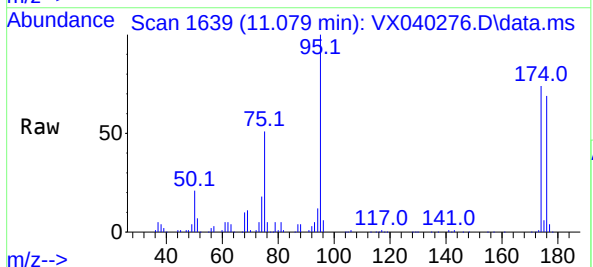
Ion	Ratio	Lower	Upper
97	100		
83	52.1	65.8	98.8#
85	28.5	41.6	62.4#
99	24.8	47.8	71.8#

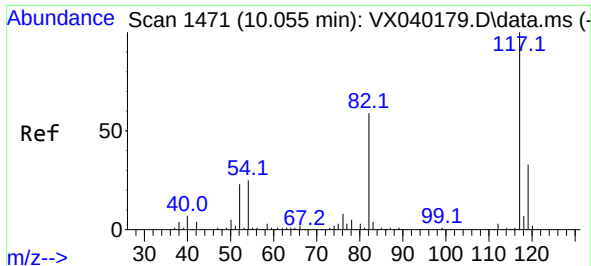


#62
4-Bromofluorobenzene
Concen: 46.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion: 95 Resp: 60876

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	135.6
176	70.1	0.0	131.0

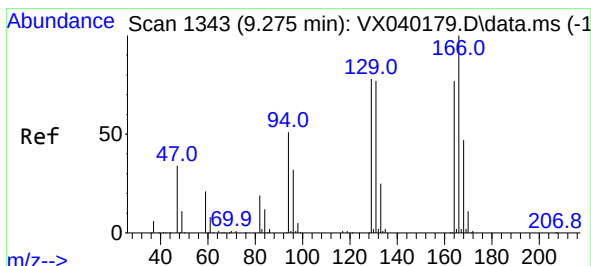
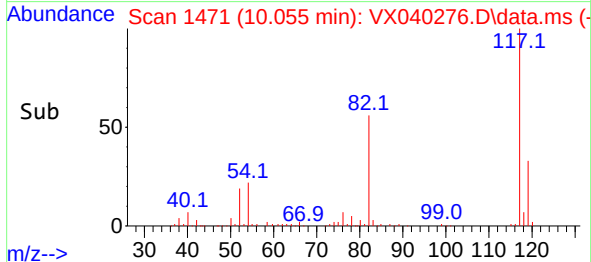
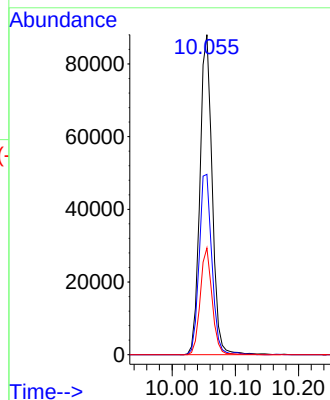
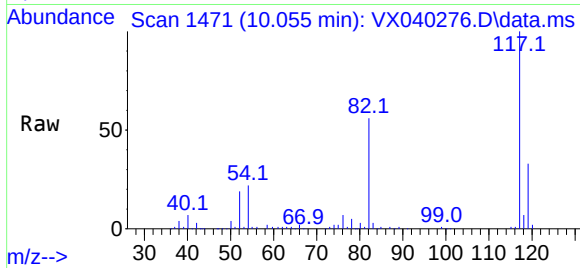




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

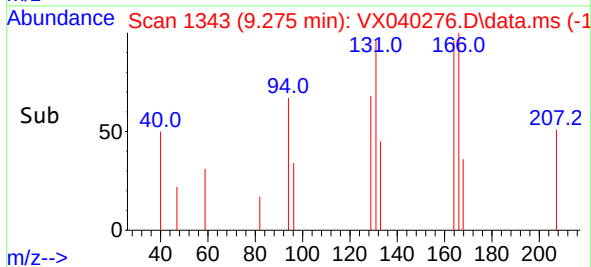
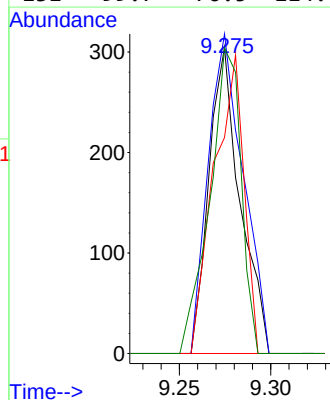
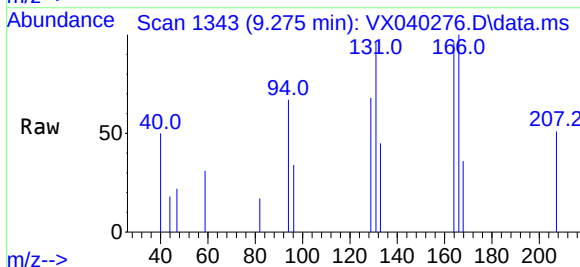
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20240214

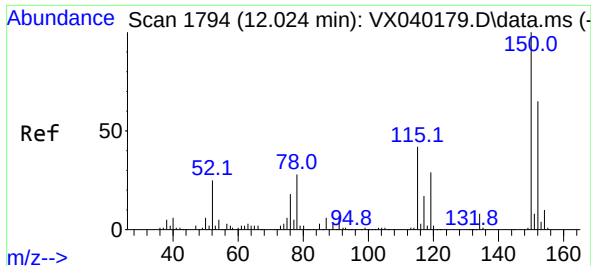
Tgt Ion:117 Resp: 119160
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 33.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.434 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040276.D
Acq: 16 Feb 2024 14:22

Tgt Ion:164 Resp: 362
Ion Ratio Lower Upper
164 100
166 104.3 102.7 154.1
129 70.5 80.4 120.6#
131 99.7 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040276.D

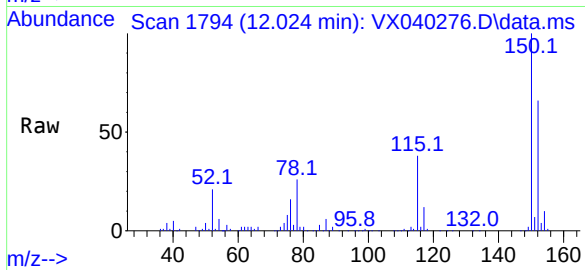
Acq: 16 Feb 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20240214



Tgt Ion:152 Resp: 60912

Ion Ratio Lower Upper

152 100

115 60.5 43.3 129.9

150 155.6 0.0 345.0

