

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045421.D
 Acq On : 24 Mar 2025 17:37
 Operator : JC/MD
 Sample : Q1608-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20250319

Quant Time: Mar 25 01:38:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

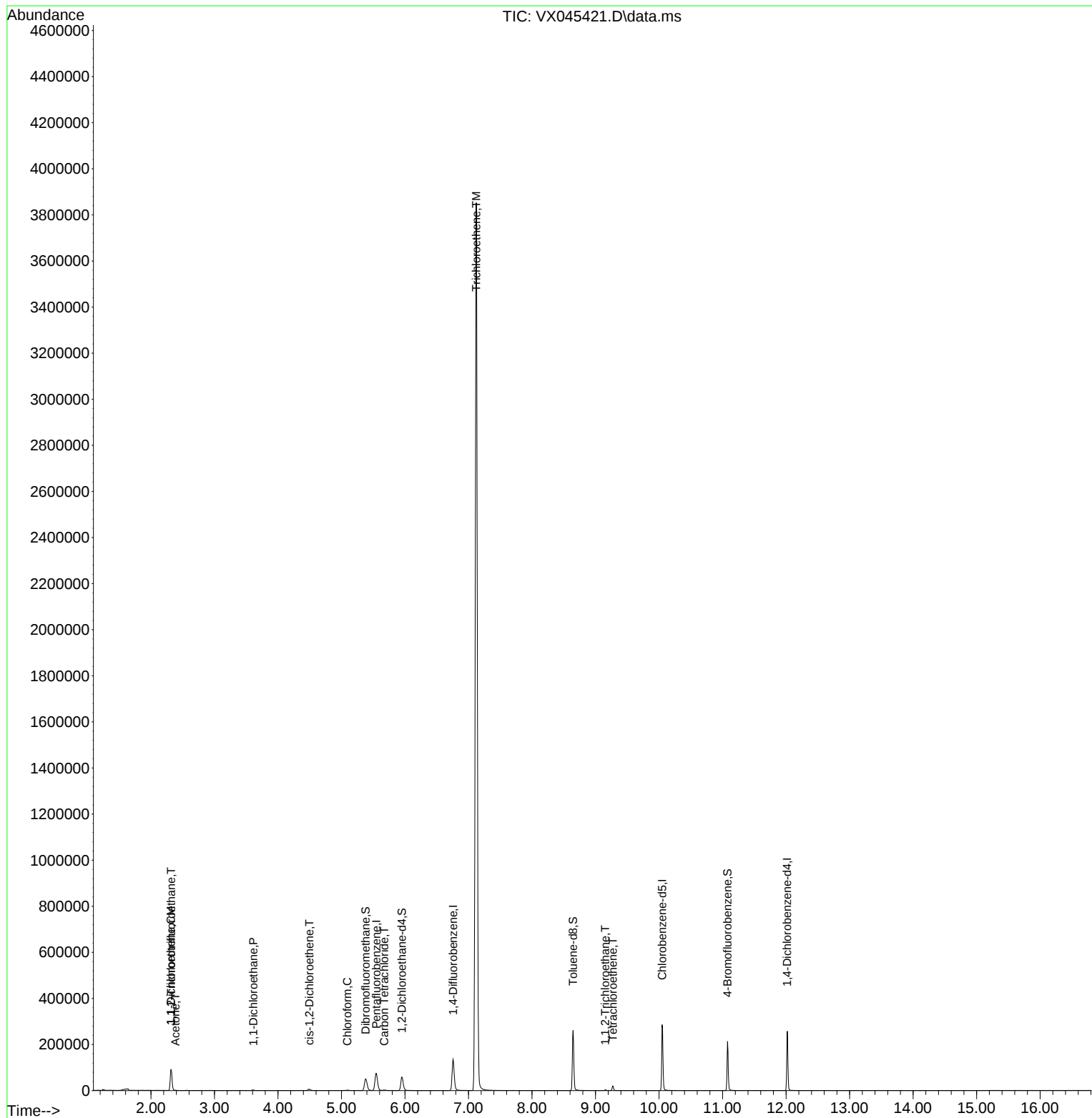
Internal Standards						
1) Pentafluorobenzene	5.550	168	65556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129819	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57430	55.075	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.140%
35) Dibromofluoromethane	5.379	113	43681	50.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.640%
50) Toluene-d8	8.647	98	150519	47.829	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.660%
62) 4-Bromofluorobenzene	11.079	95	54070	51.849	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.700%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.318	101	28556	37.479	ug/l	98
12) 1,1-Dichloroethene	2.312	96	8700	10.800	ug/l	99
16) Acetone	2.386	43	886	1.831	ug/l #	76
24) 1,1-Dichloroethane	3.611	63	3212	1.965	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	3691	3.757	ug/l	95
30) Chloroform	5.092	83	2188	1.347	ug/l #	64
38) Carbon Tetrachloride	5.672	117	1721	1.424	ug/l #	67
44) Trichloroethene	7.122	130	1367327	1549.033	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	929	1.023	ug/l #	92
64) Tetrachloroethene	9.274	164	3749	4.896	ug/l #	85

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

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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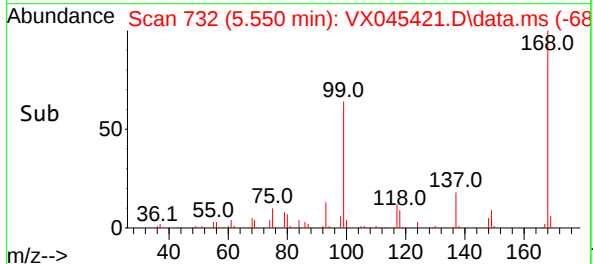
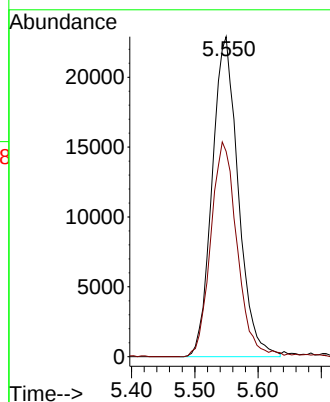
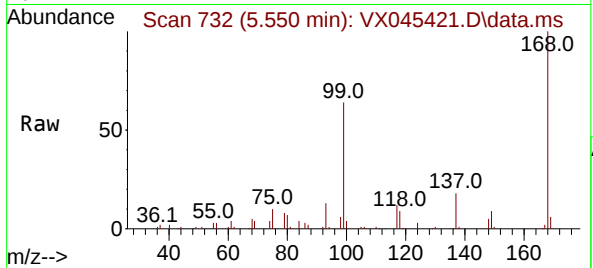




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

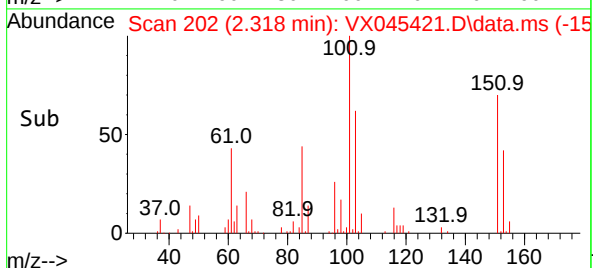
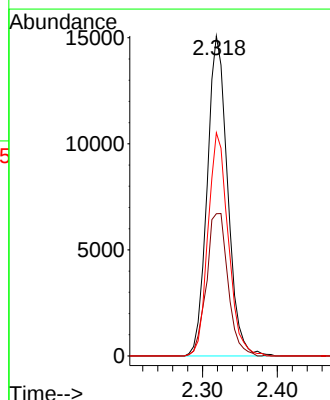
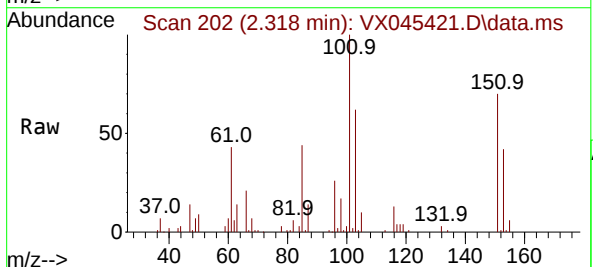
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319

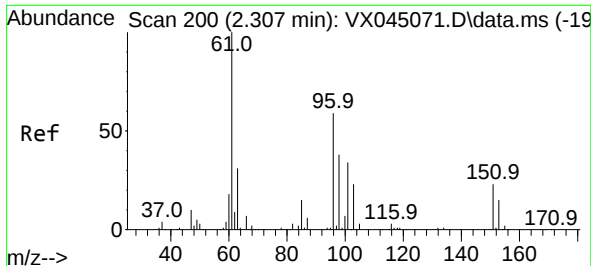
Tgt Ion:168 Resp: 65556
Ion Ratio Lower Upper
168 100
99 64.1 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 37.479 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

Tgt Ion:101 Resp: 28556
Ion Ratio Lower Upper
101 100
85 47.0 36.2 54.4
151 69.2 56.4 84.6





#12

1,1-Dichloroethene

Concen: 10.800 ug/l

RT: 2.312 min Scan# 200

Delta R.T. 0.006 min

Lab File: VX045421.D

Acq: 24 Mar 2025 17:37

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20250319

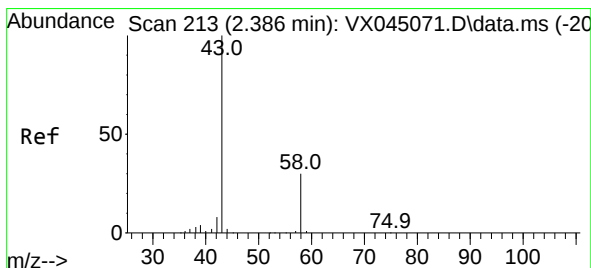
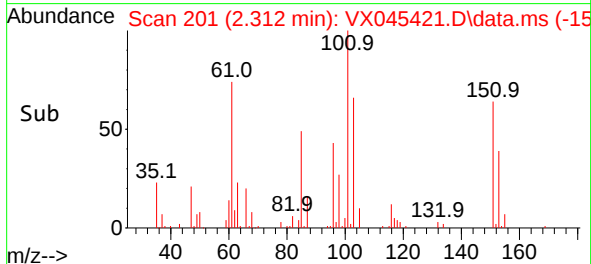
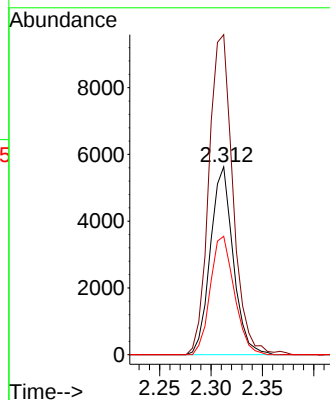
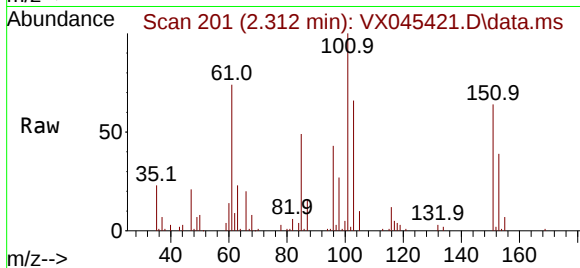
Tgt Ion: 96 Resp: 8700

Ion Ratio Lower Upper

96 100

61 170.4 134.6 202.0

98 63.0 51.0 76.6



#16

Acetone

Concen: 1.831 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045421.D

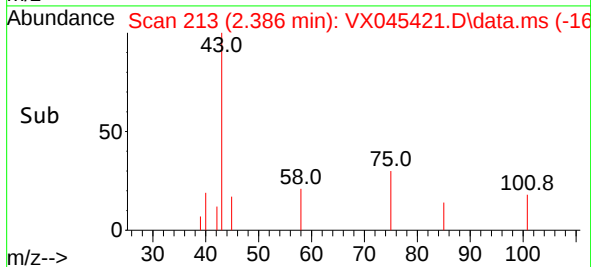
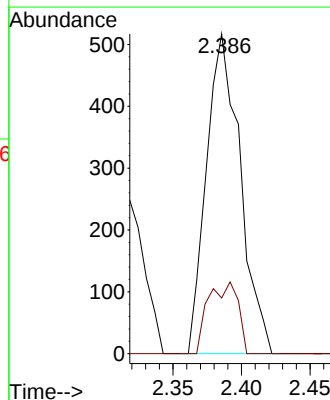
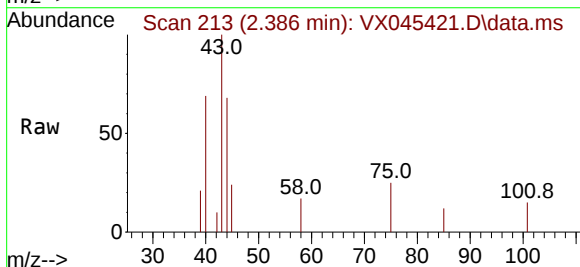
Acq: 24 Mar 2025 17:37

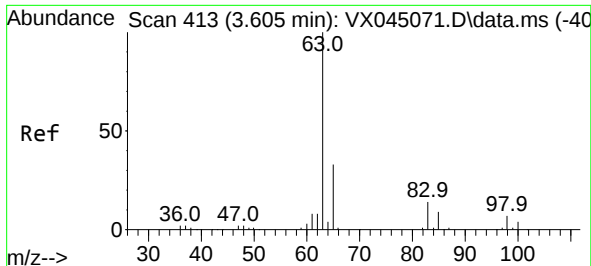
Tgt Ion: 43 Resp: 886

Ion Ratio Lower Upper

43 100

58 17.4 24.2 36.4#

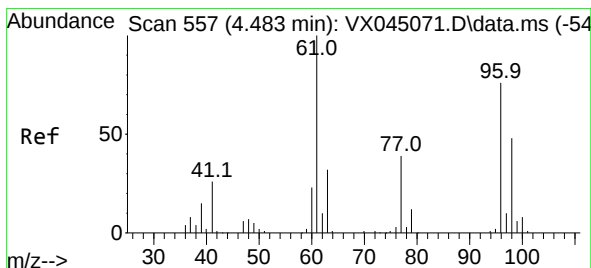
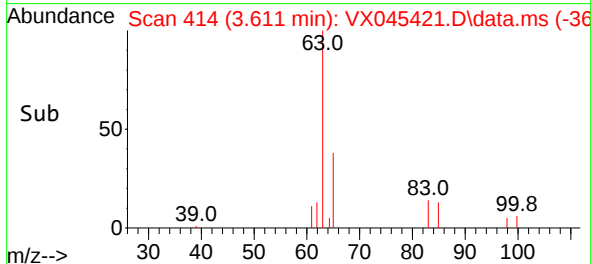
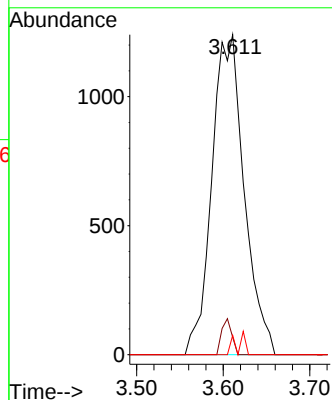
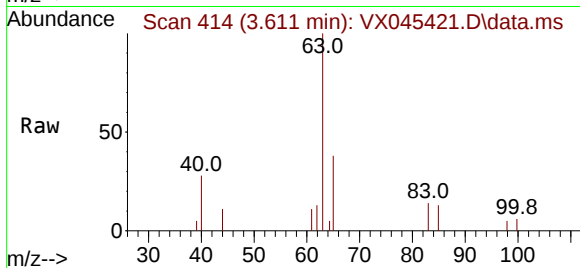




#24
 1,1-Dichloroethane
 Concen: 1.965 ug/l
 RT: 3.611 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX045421.D
 Acq: 24 Mar 2025 17:37

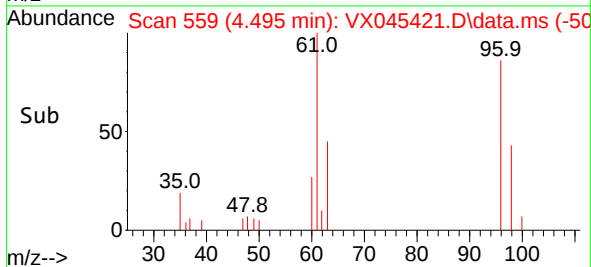
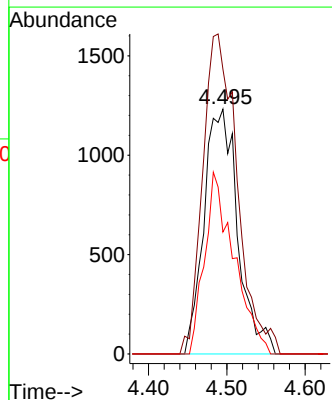
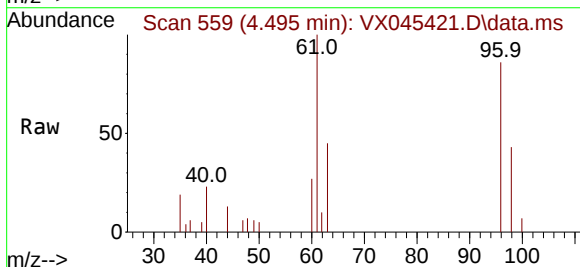
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20250319

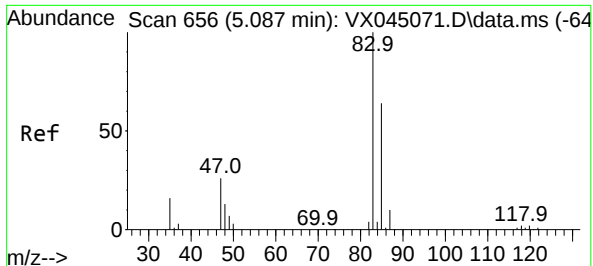
Tgt Ion: 63 Resp: 3212
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.4 10.2
 100 6.0 2.1 6.5



#27
 cis-1,2-Dichloroethene
 Concen: 3.757 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.012 min
 Lab File: VX045421.D
 Acq: 24 Mar 2025 17:37

Tgt Ion: 96 Resp: 3691
 Ion Ratio Lower Upper
 96 100
 61 133.5 0.0 283.2
 98 64.9 0.0 128.0





#30

Chloroform

Concen: 1.347 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX045421.D

Acq: 24 Mar 2025 17:37

Instrument :

MSVOA_X

ClientSampleId :

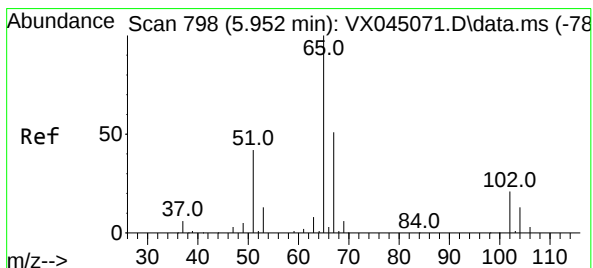
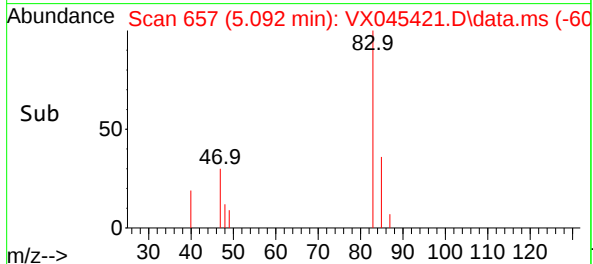
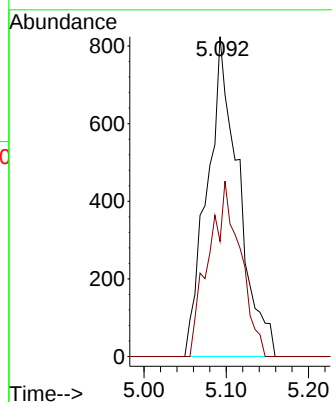
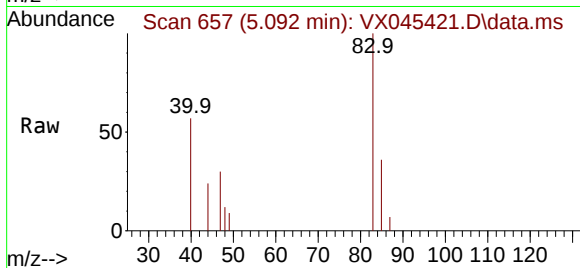
TT101D2-20250319

Tgt Ion: 83 Resp: 2188

Ion Ratio Lower Upper

83 100

85 36.0 51.4 77.2#



#33

1,2-Dichloroethane-d4

Concen: 55.075 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045421.D

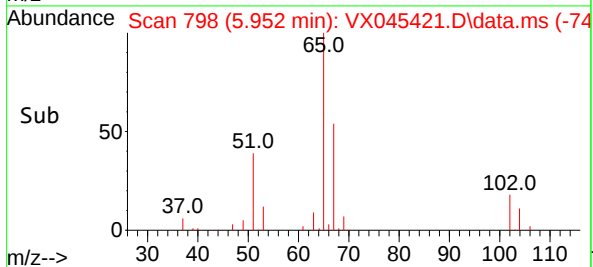
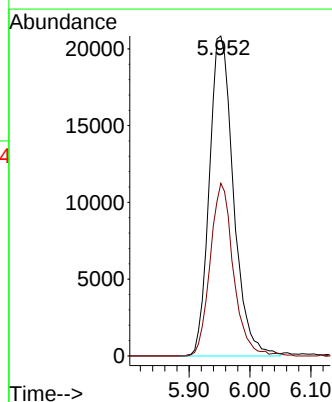
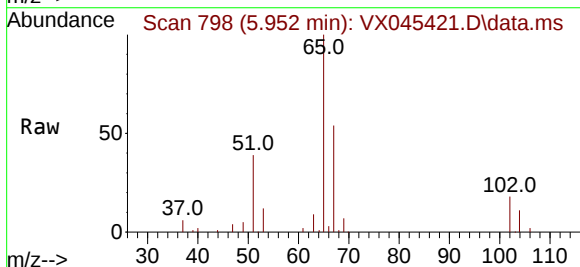
Acq: 24 Mar 2025 17:37

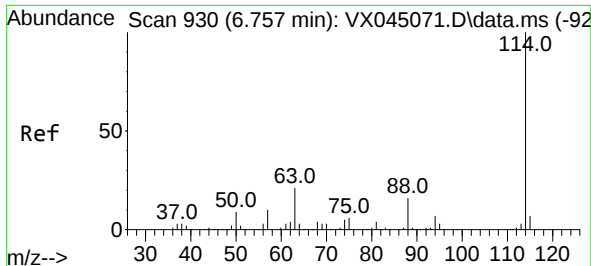
Tgt Ion: 65 Resp: 57430

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2

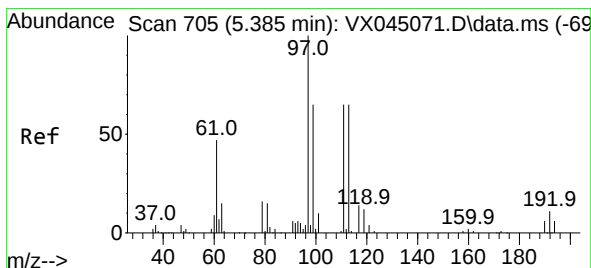
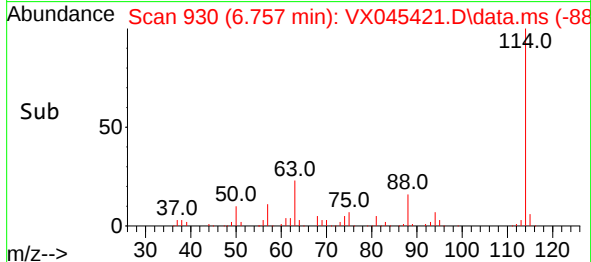
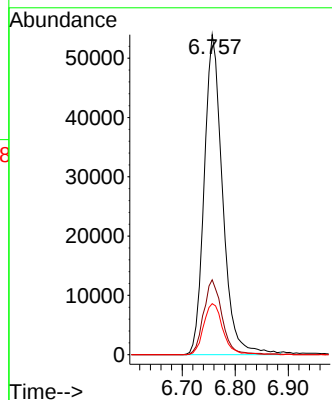
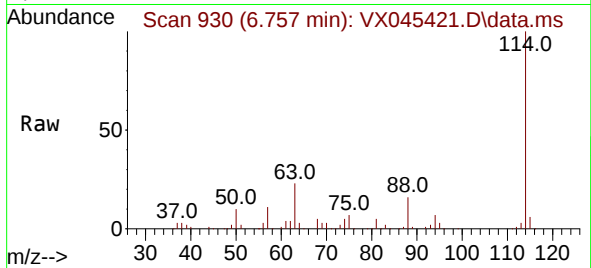




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

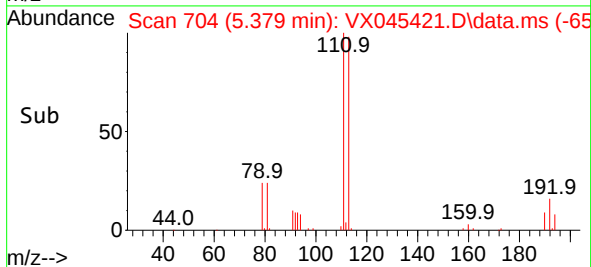
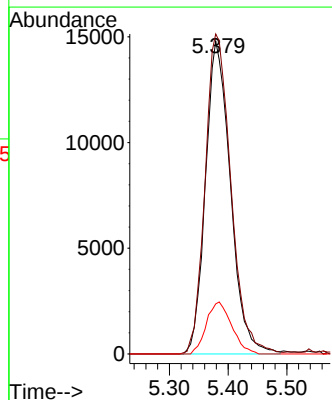
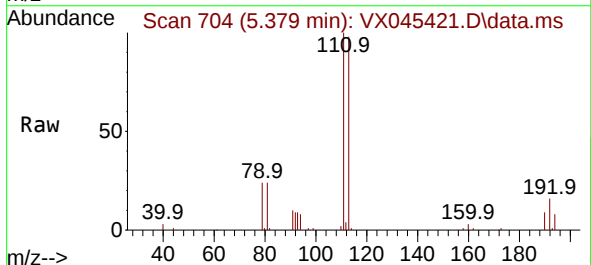
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319

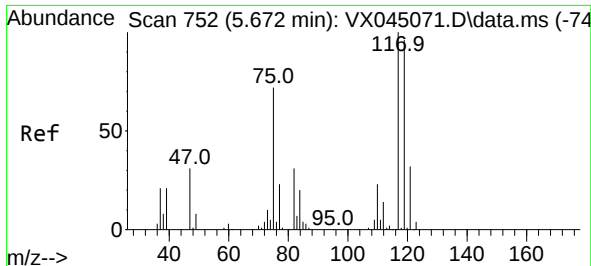
Tgt Ion:114 Resp: 129819
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.320 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

Tgt Ion:113 Resp: 43681
Ion Ratio Lower Upper
113 100
111 105.9 81.8 122.6
192 16.8 14.3 21.5

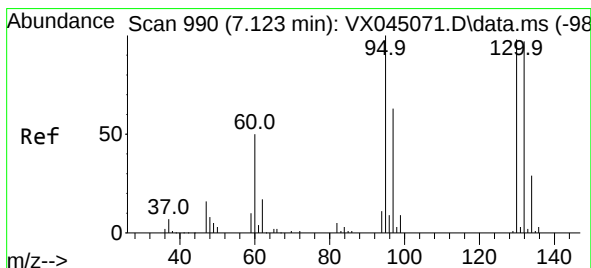
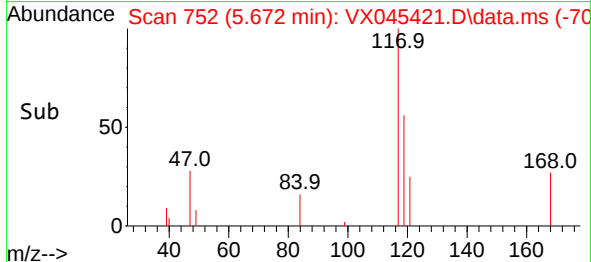
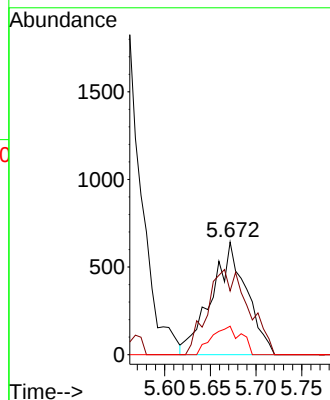
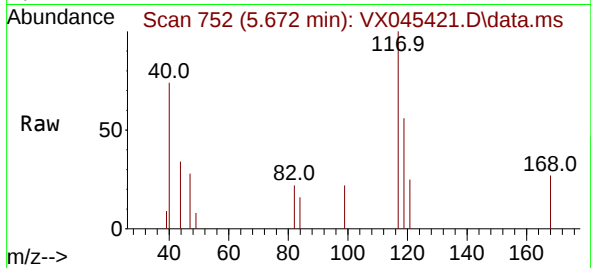




#38
Carbon Tetrachloride
Concen: 1.424 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

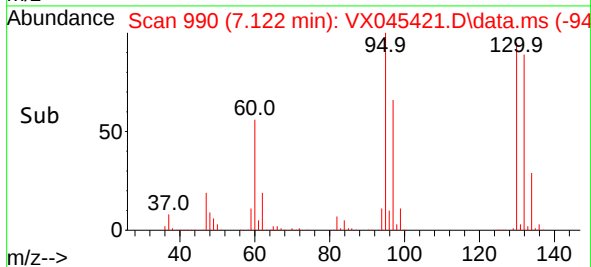
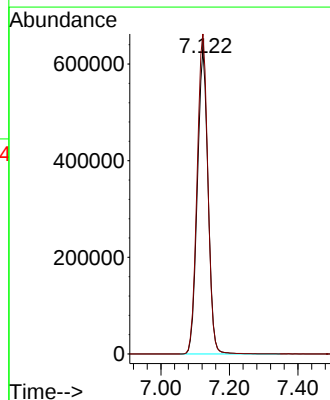
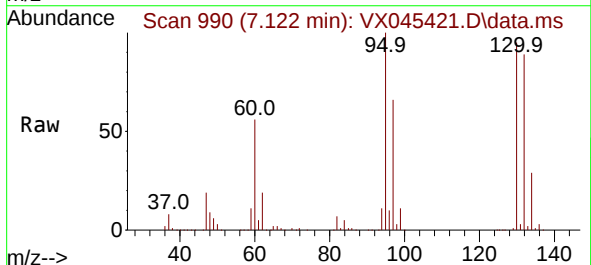
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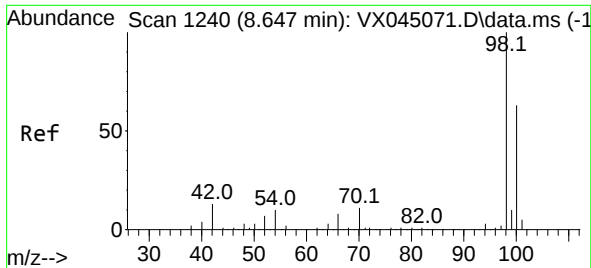
Tgt Ion:117 Resp: 1721
Ion Ratio Lower Upper
117 100
119 56.5 76.7 115.1#
121 25.2 25.5 38.3#



#44
Trichloroethene
Concen: 1549.033 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

Tgt Ion:130 Resp: 1367327
Ion Ratio Lower Upper
130 100
95 105.2 0.0 205.0

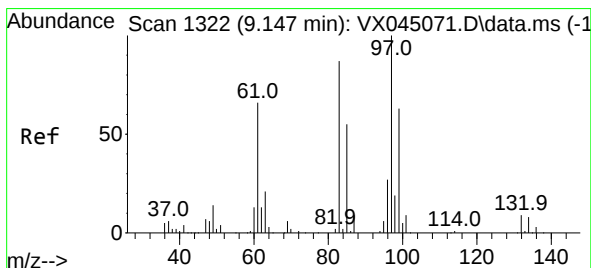
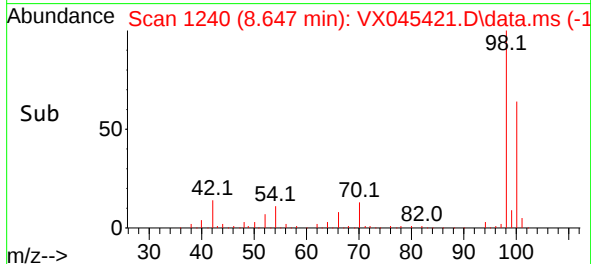
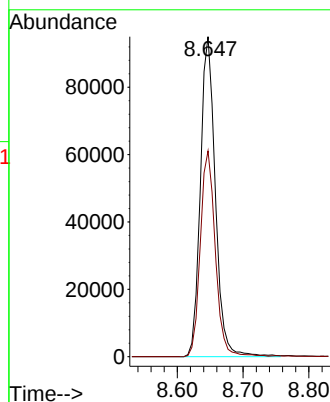
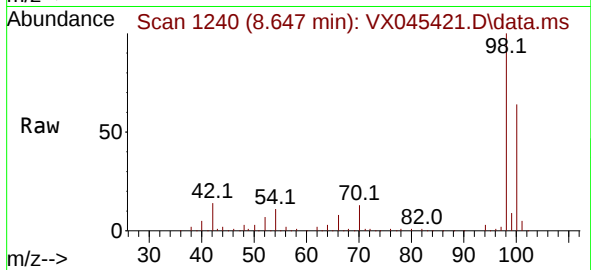




#50
Toluene-d8
Concen: 47.829 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

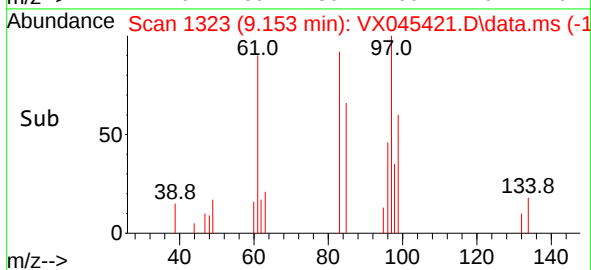
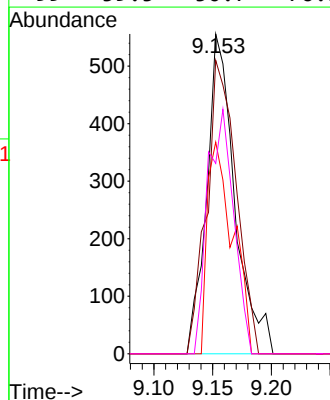
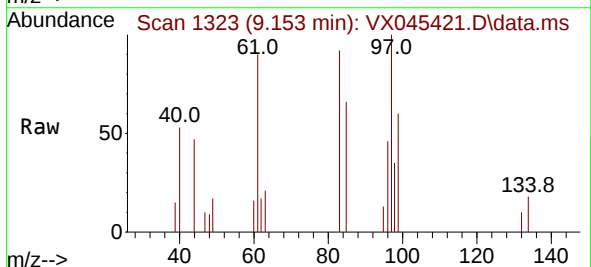
Instrument :
MSVOA_X
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TT101D2-20250319

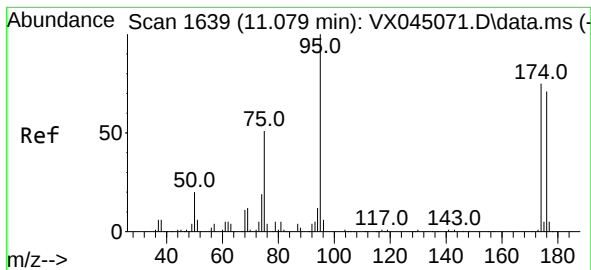
Tgt Ion: 98 Resp: 150519
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#55
1,1,2-Trichloroethane
Concen: 1.023 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

Tgt Ion: 97 Resp: 929
Ion Ratio Lower Upper
97 100
83 91.7 69.4 104.2
85 66.2 44.1 66.1#
99 59.5 50.7 76.1

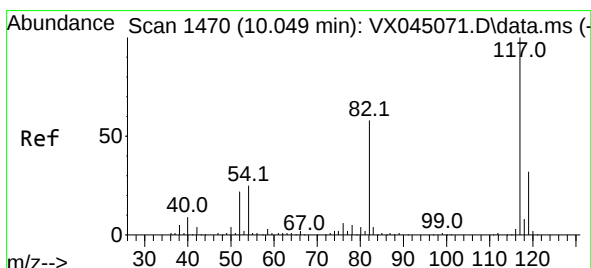
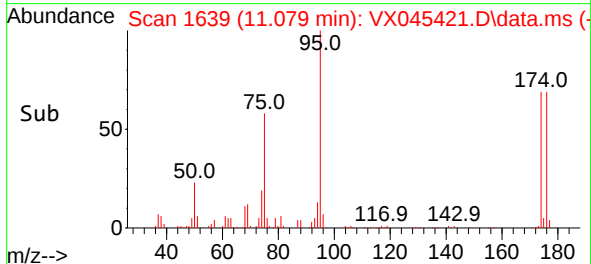
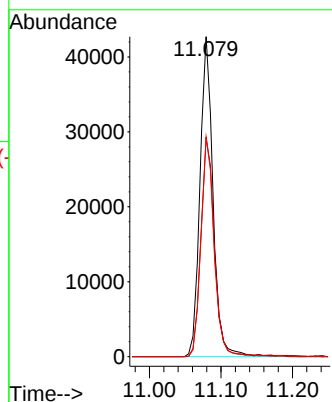
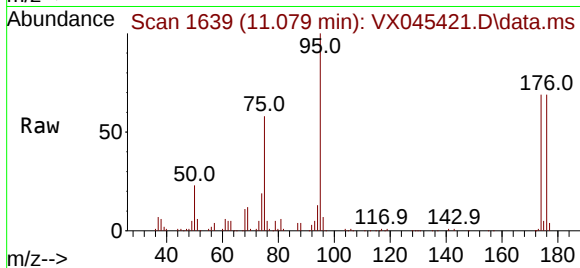




#62
4-Bromofluorobenzene
Concen: 51.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

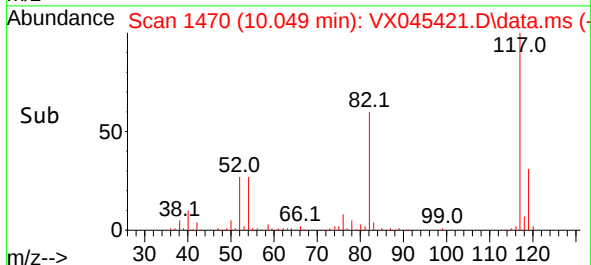
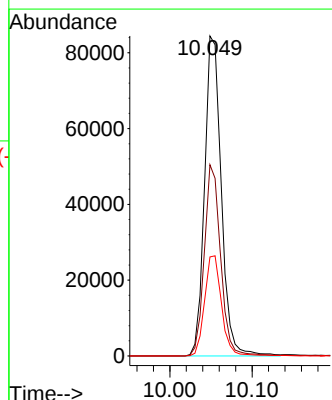
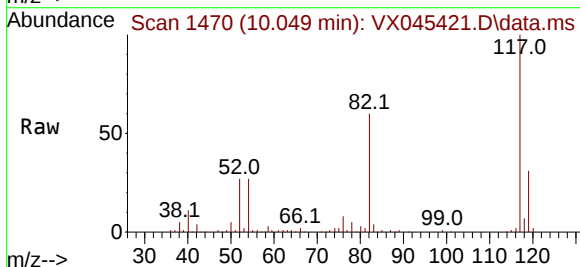
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319

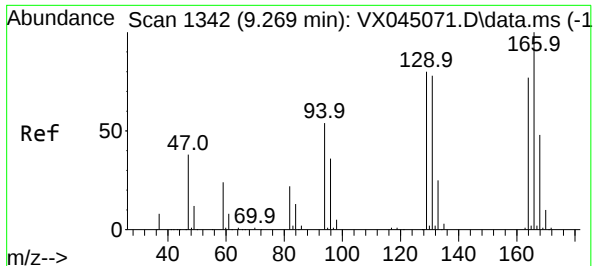
Tgt Ion: 95 Resp: 54070
Ion Ratio Lower Upper
95 100
174 70.5 0.0 148.2
176 69.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

Tgt Ion: 117 Resp: 119568
Ion Ratio Lower Upper
117 100
82 59.7 46.3 69.5
119 31.0 25.7 38.5

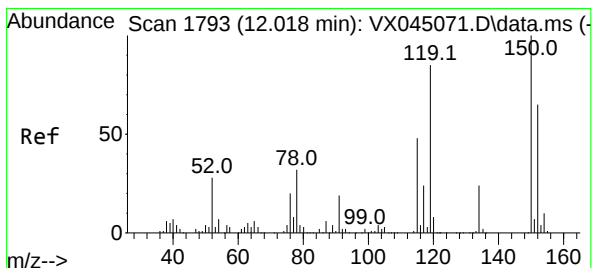
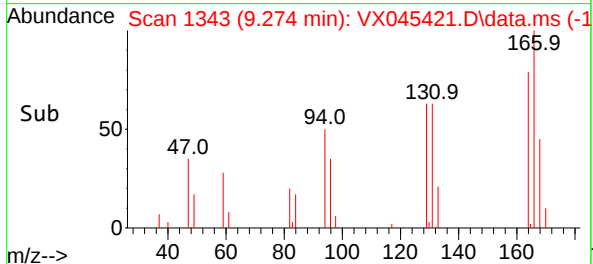
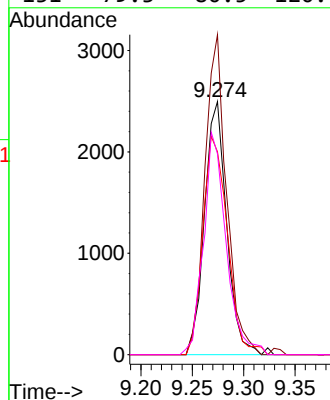
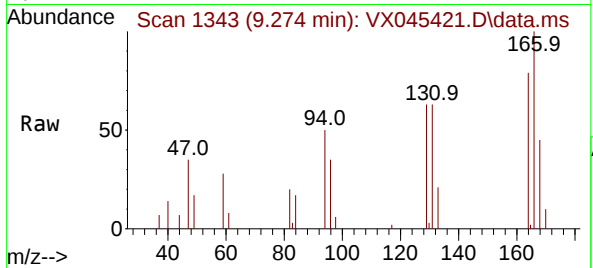




#64
Tetrachloroethene
Concen: 4.896 ug/l
RT: 9.274 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20250319

Tgt Ion:164 Resp: 3749
Ion Ratio Lower Upper
164 100
166 126.4 103.6 155.4
129 80.1 82.7 124.1#
131 79.3 80.5 120.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045421.D
Acq: 24 Mar 2025 17:37

Tgt Ion:152 Resp: 47597
Ion Ratio Lower Upper
152 100
115 64.4 44.2 132.6
150 160.3 0.0 349.0

