

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044402.D
 Acq On : 19 Dec 2024 00:37
 Operator : JC/MD
 Sample : P5317-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20241216

Quant Time: Dec 19 05:07:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	108595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88339	46.396	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.800%
35) Dibromofluoromethane	5.385	113	65937	47.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.280%
50) Toluene-d8	8.647	98	239168	51.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.440%
62) 4-Bromofluorobenzene	11.079	95	75829	46.476	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.960%

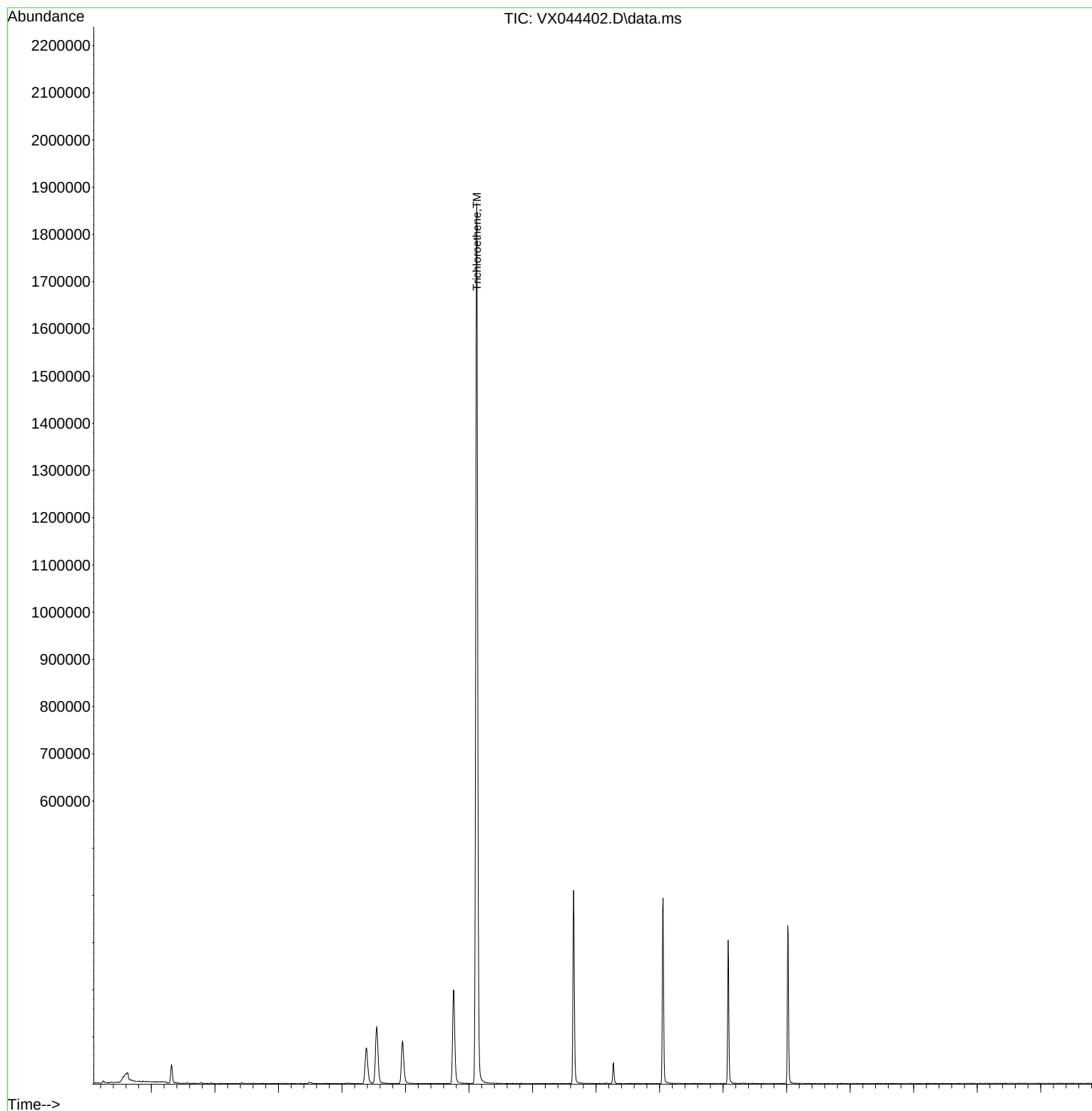
Target Compounds						Qvalue
3) Chloromethane	1.294	50	501	0.312	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	13698	10.336	ug/l	98
12) 1,1-Dichloroethene	2.313	96	1397	1.148	ug/l	82
16) Acetone	2.386	43	1776	2.288	ug/l #	86
20) Methylene Chloride	2.788	84	800	0.549	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	2032	1.237	ug/l	74
30) Chloroform	5.099	83	968	0.339	ug/l #	57
44) Trichloroethene	7.123	130	694778	512.923	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	465	0.343	ug/l #	58
64) Tetrachloroethene	9.275	164	7782	6.795	ug/l	98

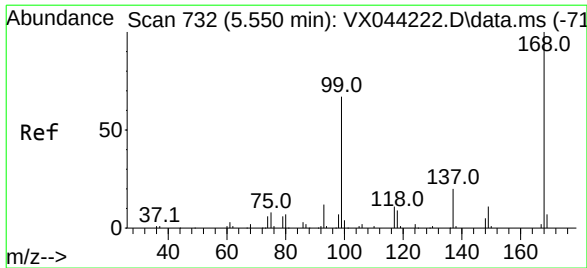
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 73

Delta R.T. -0.000 min

Lab File: VX044402.D

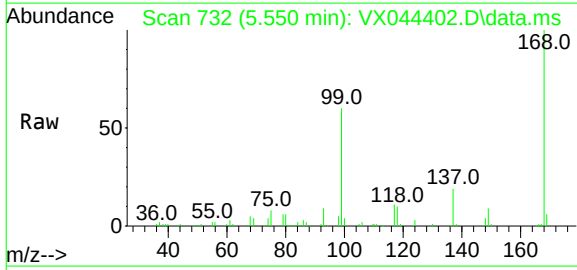
Acq: 19 Dec 2024 00:37

Instrument :

MSVOA_X

ClientSampleId :

RW4-20241216

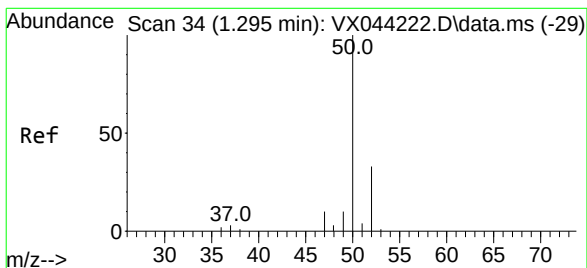
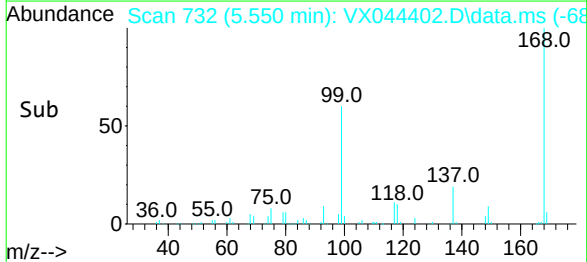
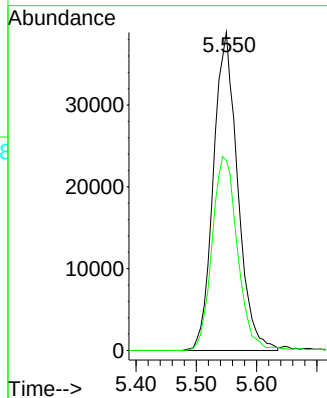


Tgt Ion:168 Resp: 108595

Ion Ratio Lower Upper

168 100

99 59.8 53.4 80.0



#3

Chloromethane

Concen: 0.312 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044402.D

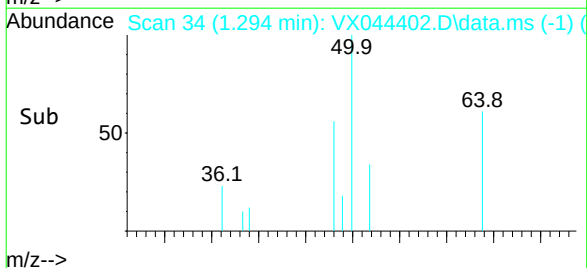
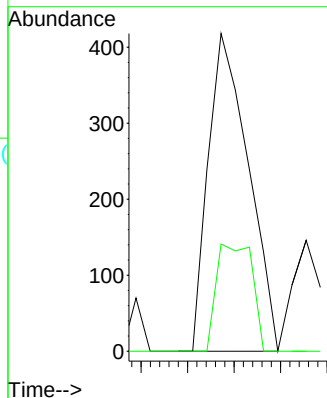
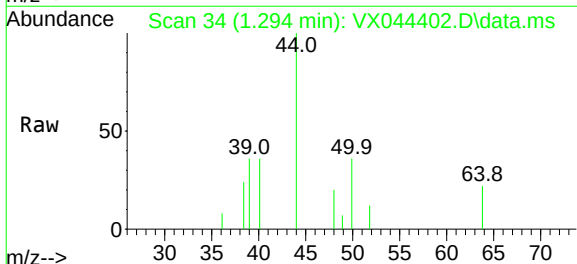
Acq: 19 Dec 2024 00:37

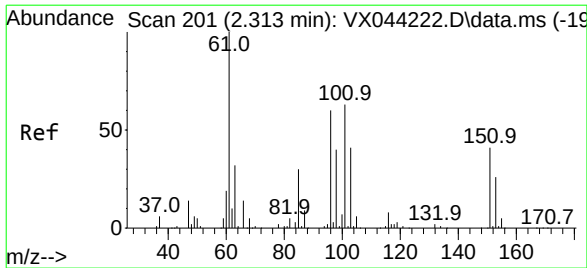
Tgt Ion: 50 Resp: 501

Ion Ratio Lower Upper

50 100

52 33.7 26.5 39.7

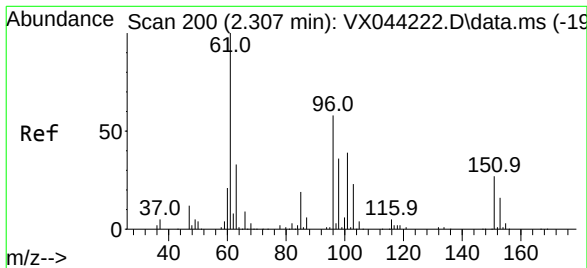
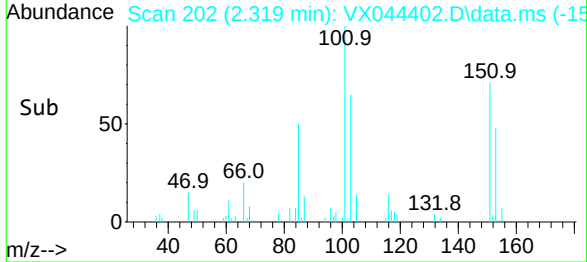
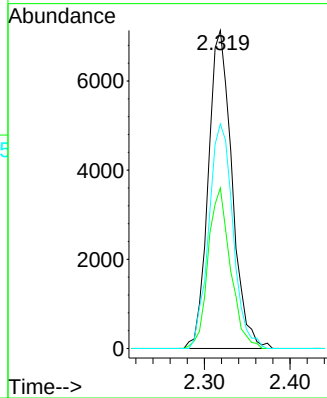
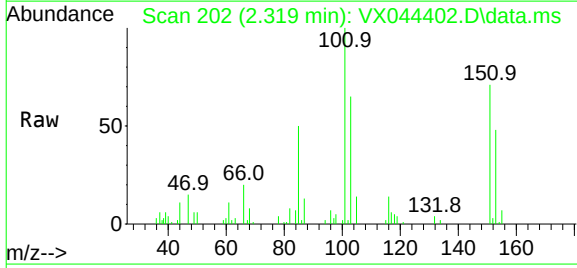




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.336 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044402.D
Acq: 19 Dec 2024 00:37

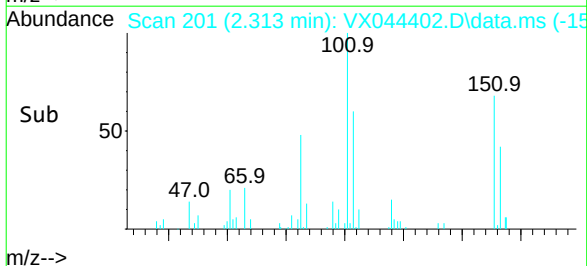
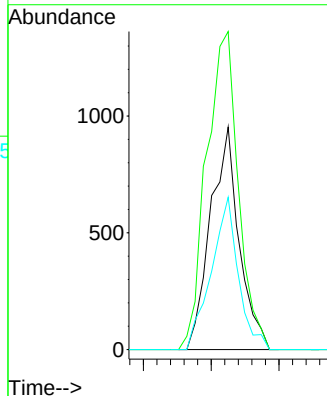
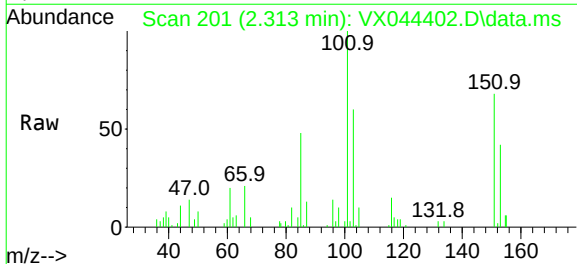
Instrument :
MSVOA_X
ClientSampleId :
RW4-20241216

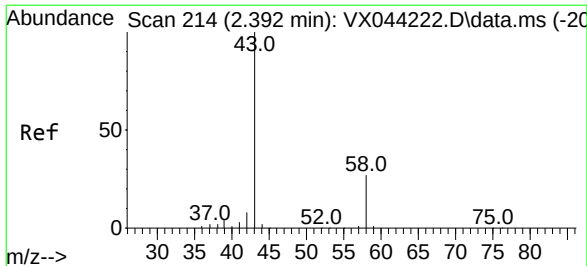
Tgt Ion:	101	Resp:	13698
Ion	Ratio	Lower	Upper
101	100		
85	47.4	38.5	57.7
151	72.2	55.8	83.6



#12
1,1-Dichloroethene
Concen: 1.148 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044402.D
Acq: 19 Dec 2024 00:37

Tgt Ion:	96	Resp:	1397
Ion	Ratio	Lower	Upper
96	100		
61	142.9	138.0	207.0
98	68.4	50.0	75.0





#16

Acetone

Concen: 2.288 ug/l

RT: 2.386 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX044402.D

Acq: 19 Dec 2024 00:37

Instrument :

MSVOA_X

ClientSampleId :

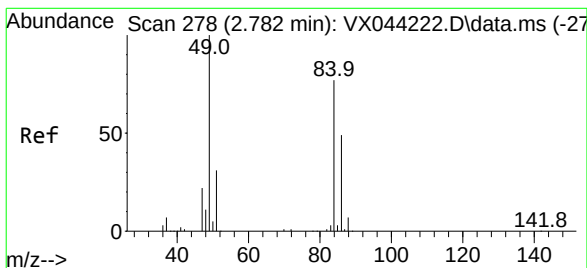
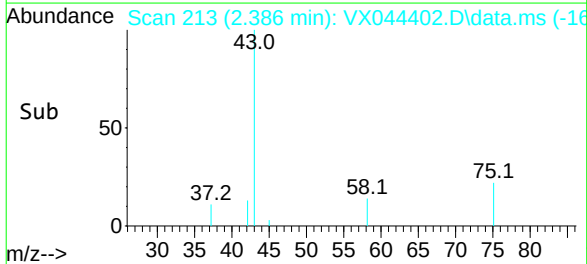
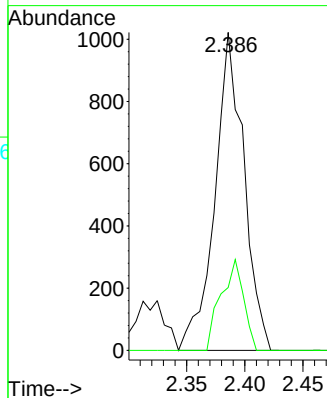
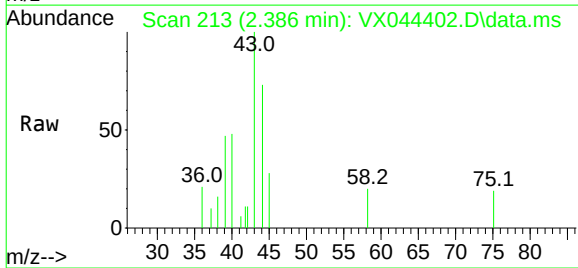
RW4-20241216

Tgt Ion: 43 Resp: 1776

Ion Ratio Lower Upper

43 100

58 19.8 21.6 32.4#



#20

Methylene Chloride

Concen: 0.549 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX044402.D

Acq: 19 Dec 2024 00:37

Tgt Ion: 84 Resp: 800

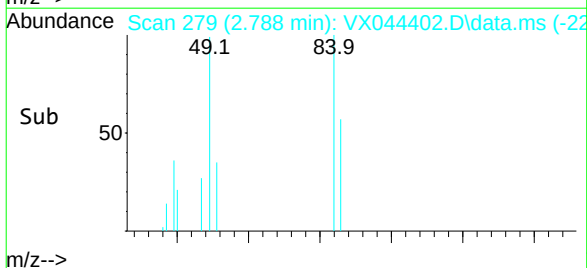
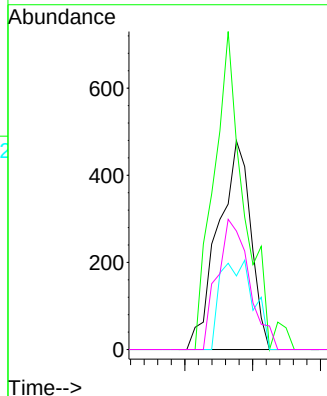
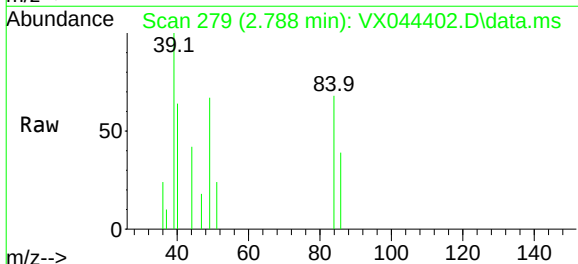
Ion Ratio Lower Upper

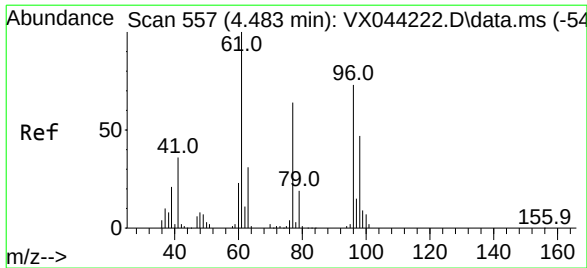
84 100

49 98.7 104.2 156.4#

51 35.3 32.2 48.4

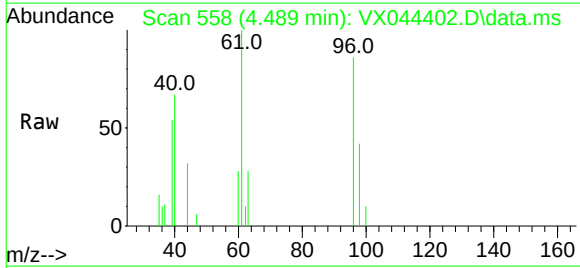
86 56.8 50.9 76.3



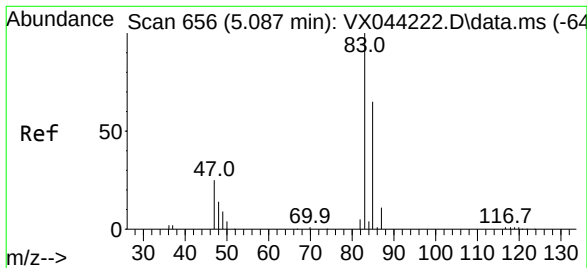
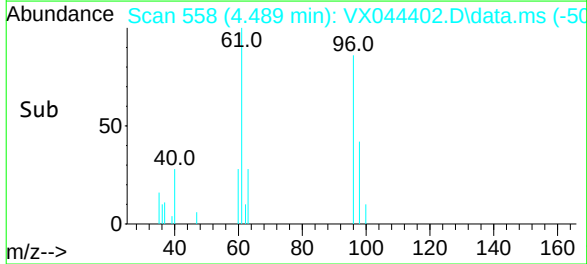
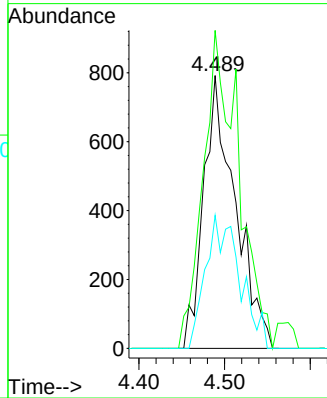


#27
 cis-1,2-Dichloroethene
 Concen: 1.237 ug/l
 RT: 4.489 min Scan# 557
 Delta R.T. 0.006 min
 Lab File: VX044402.D
 Acq: 19 Dec 2024 00:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20241216

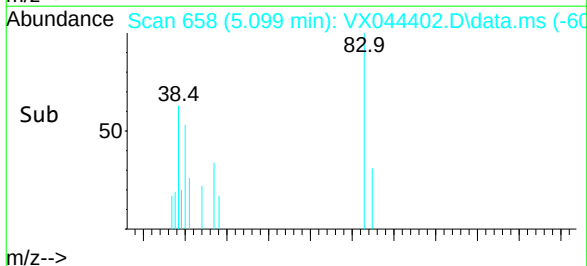
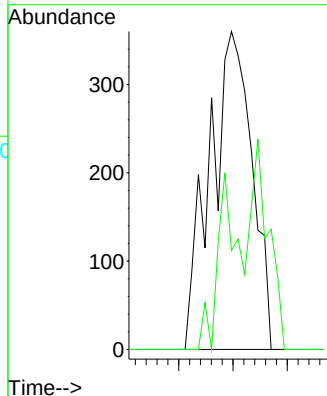
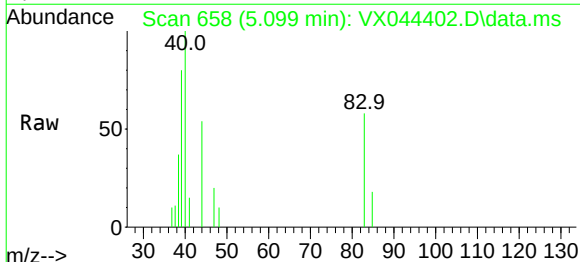


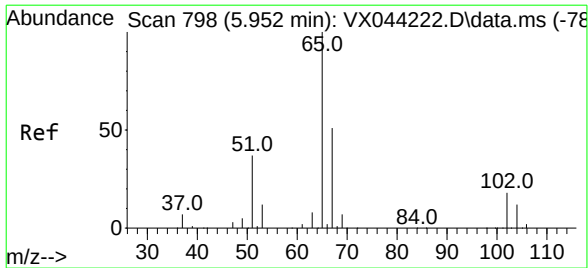
Tgt Ion: 96 Resp: 2032
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 299.0
 98 24.6 0.0 129.0



#30
 Chloroform
 Concen: 0.339 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. 0.012 min
 Lab File: VX044402.D
 Acq: 19 Dec 2024 00:37

Tgt Ion: 83 Resp: 968
 Ion Ratio Lower Upper
 83 100
 85 31.1 51.6 77.4#

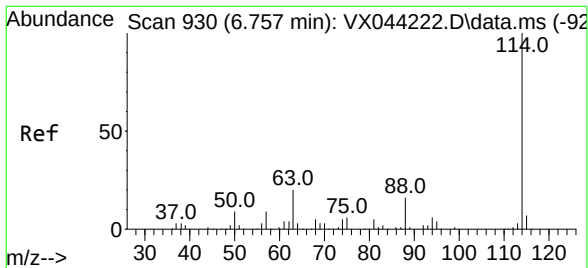
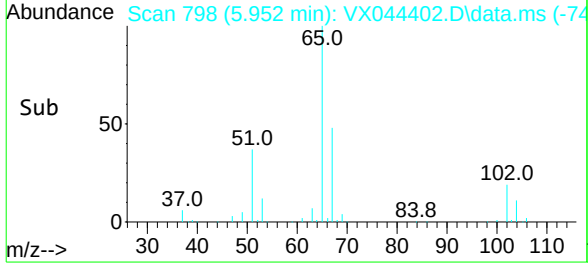
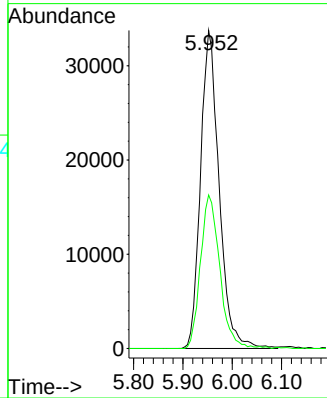
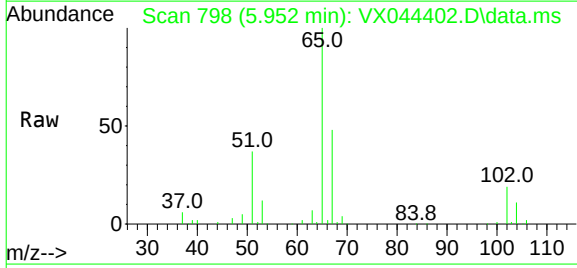




#33
1,2-Dichloroethane-d4
Concen: 46.396 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044402.D
Acq: 19 Dec 2024 00:37

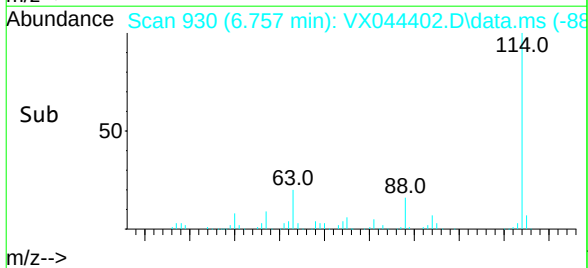
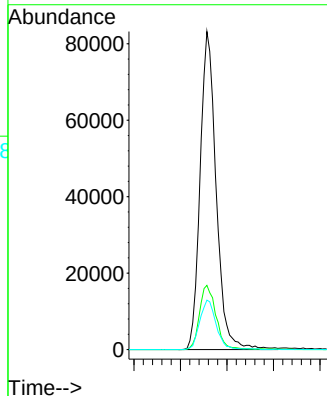
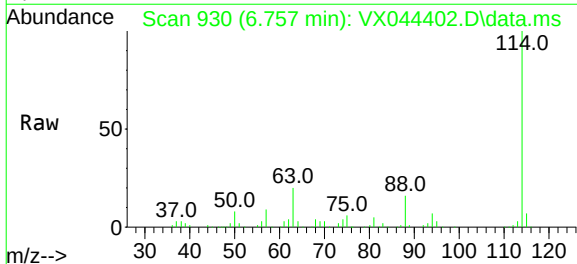
Instrument :
MSVOA_X
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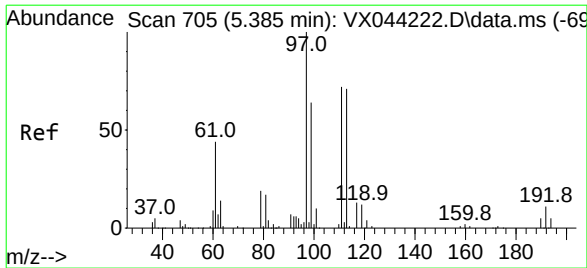
Tgt Ion: 65 Resp: 88339
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044402.D
Acq: 19 Dec 2024 00:37

Tgt Ion: 114 Resp: 199832
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.6
88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.642 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044402.D

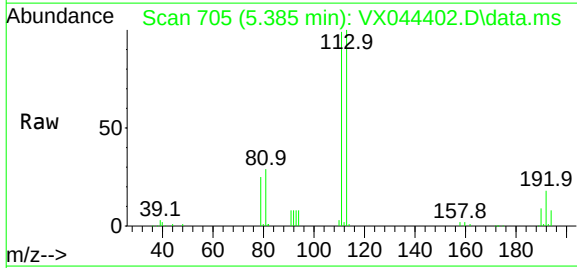
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Instrument :

MSVOA_X

ClientSampleId :

RW4-20241216



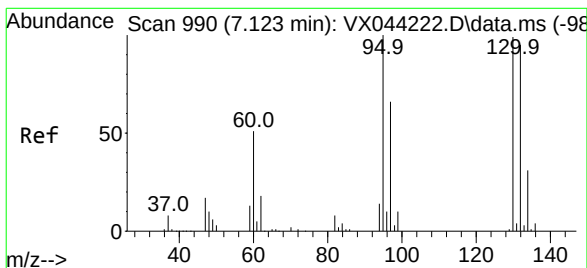
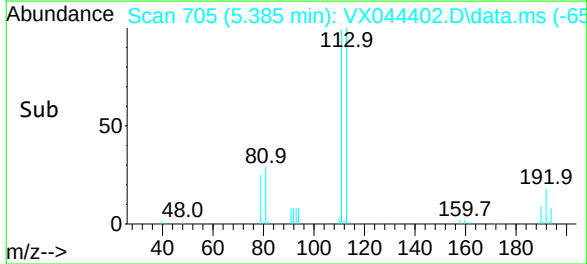
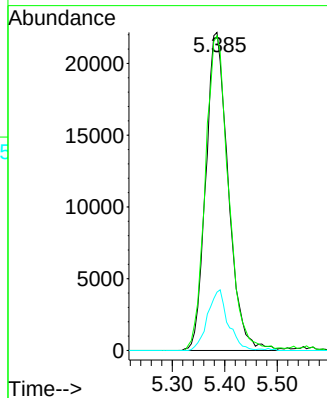
Tgt Ion:113 Resp: 65937

Ion Ratio Lower Upper

113 100

111 101.8 80.4 120.6

192 17.3 13.3 19.9



#44

Trichloroethene

Concen: 512.923 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044402.D

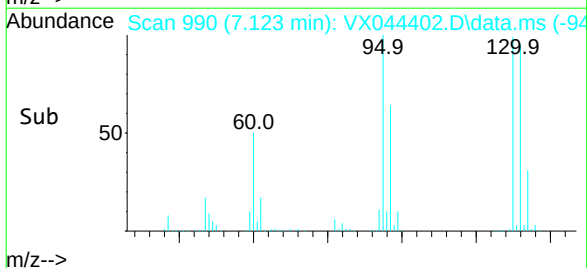
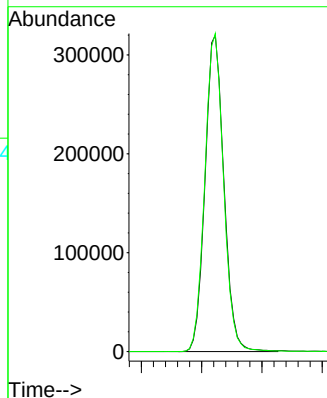
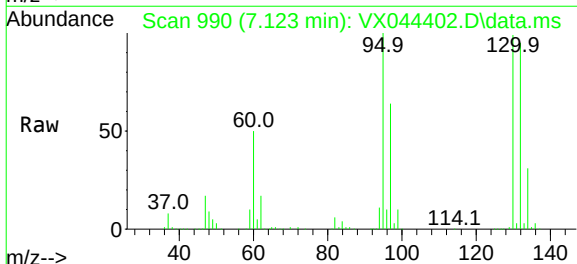
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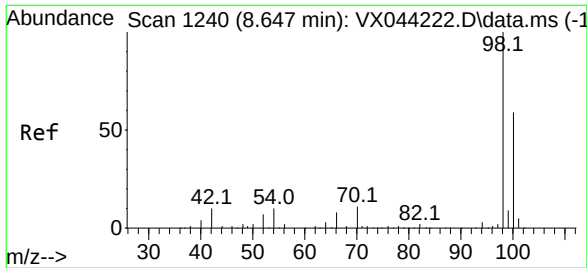
Tgt Ion:130 Resp: 694778

Ion Ratio Lower Upper

130 100

95 100.6 0.0 201.4

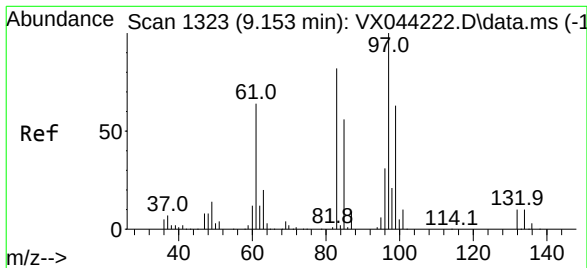
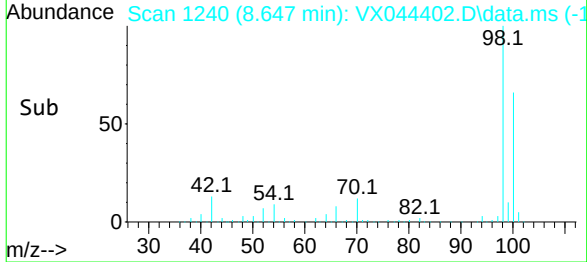
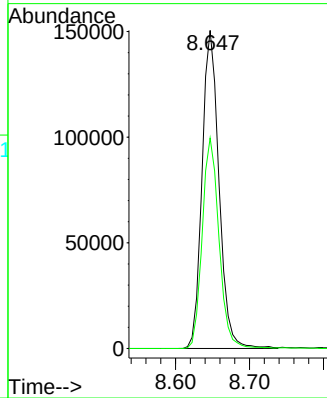
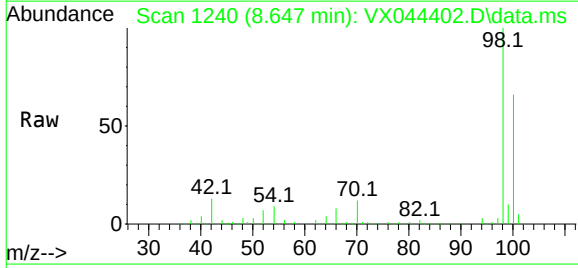




#50
Toluene-d8
Concen: 51.222 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044402.D
Acq: 19 Dec 2024 00:37

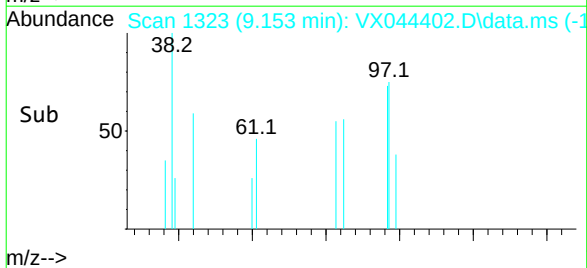
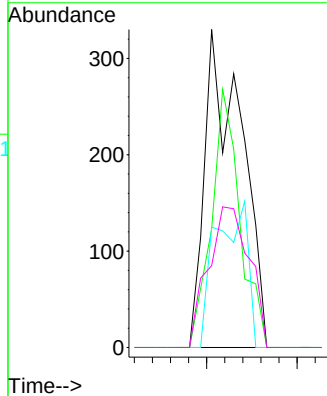
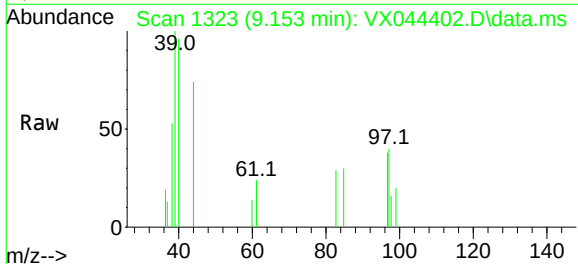
Instrument :
MSVOA_X
ClientSampleId :
RW4-20241216

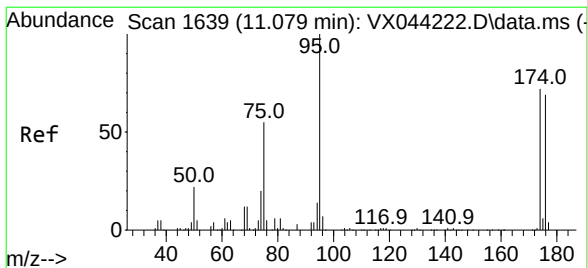
Tgt Ion: 98 Resp: 239168
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#55
1,1,2-Trichloroethane
Concen: 0.343 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044402.D
Acq: 19 Dec 2024 00:37

Tgt Ion: 97 Resp: 465
Ion Ratio Lower Upper
97 100
83 37.3 65.3 97.9#
85 37.9 44.6 67.0#
99 25.8 50.2 75.2#





#62

4-Bromofluorobenzene

Concen: 46.476 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044402.D

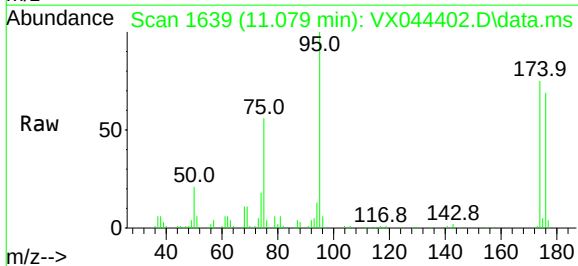
Acq: 19 Dec 2024 00:37

Instrument :

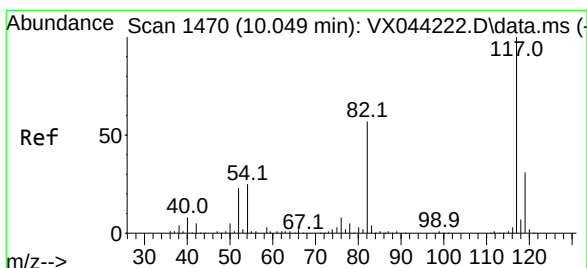
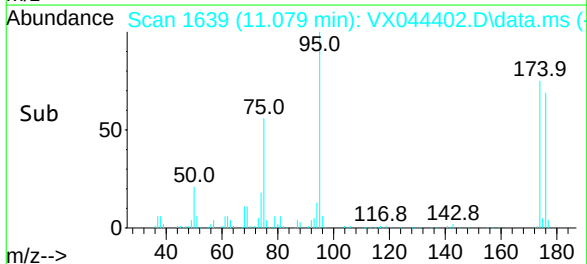
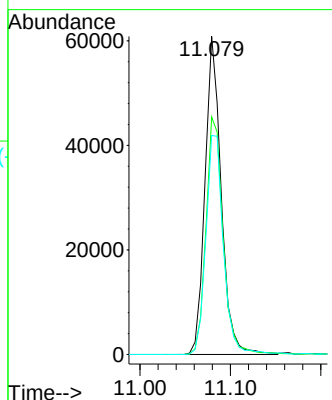
MSVOA_X

ClientSampleId :

RW4-20241216



Tgt Ion:	95	Resp:	75829
Ion Ratio	Lower	Upper	
95	100		
174	78.8	0.0	145.8
176	74.9	0.0	137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

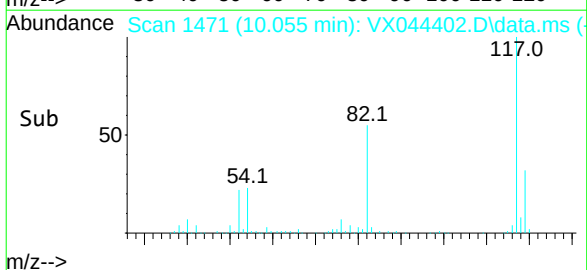
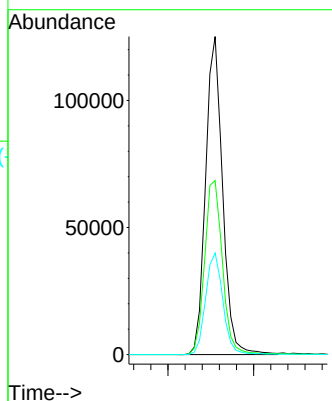
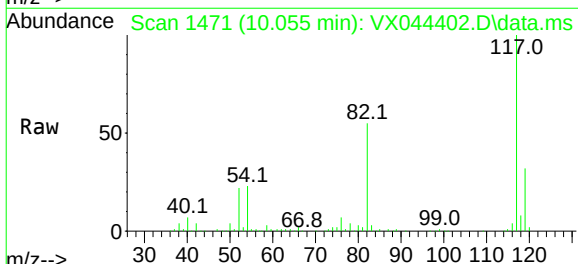
RT: 10.055 min Scan# 1471

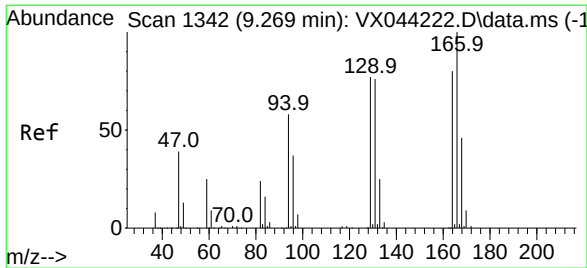
Delta R.T. 0.006 min

Lab File: VX044402.D

Acq: 19 Dec 2024 00:37

Tgt Ion:	117	Resp:	172545
Ion Ratio	Lower	Upper	
117	100		
82	54.7	45.8	68.8
119	31.9	25.0	37.4

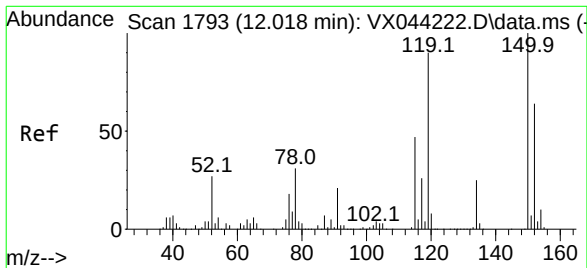
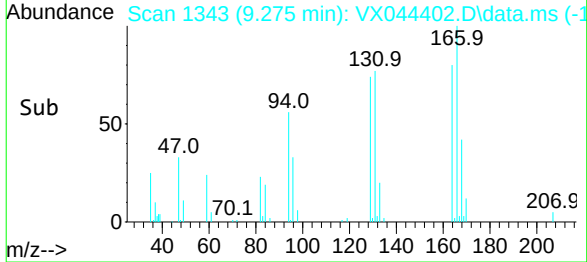
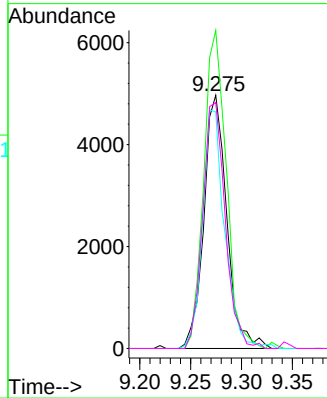
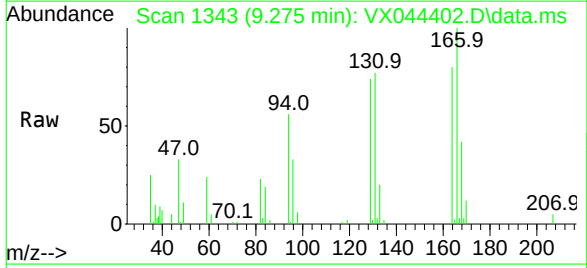




#64
Tetrachloroethene
Concen: 6.795 ug/l
RT: 9.275 min Scan# 1313
Delta R.T. 0.006 min
Lab File: VX044402.D
Acq: 19 Dec 2024 00:37

Instrument :
MSVOA_X
ClientSampleId :
RW4-20241216

Tgt Ion:	164	Resp:	7782
Ion	Ratio	Lower	Upper
164	100		
166	125.6	100.4	150.6
129	93.5	77.2	115.8
131	97.2	76.2	114.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044402.D
Acq: 19 Dec 2024 00:37

Tgt Ion:	152	Resp:	70176
Ion	Ratio	Lower	Upper
152	100		
115	60.5	44.5	133.3
150	150.8	0.0	353.8

