

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045205.D
 Acq On : 10 Mar 2025 18:44
 Operator : JC/MD
 Sample : Q1531-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20250307

Quant Time: Mar 11 04:01:27 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)

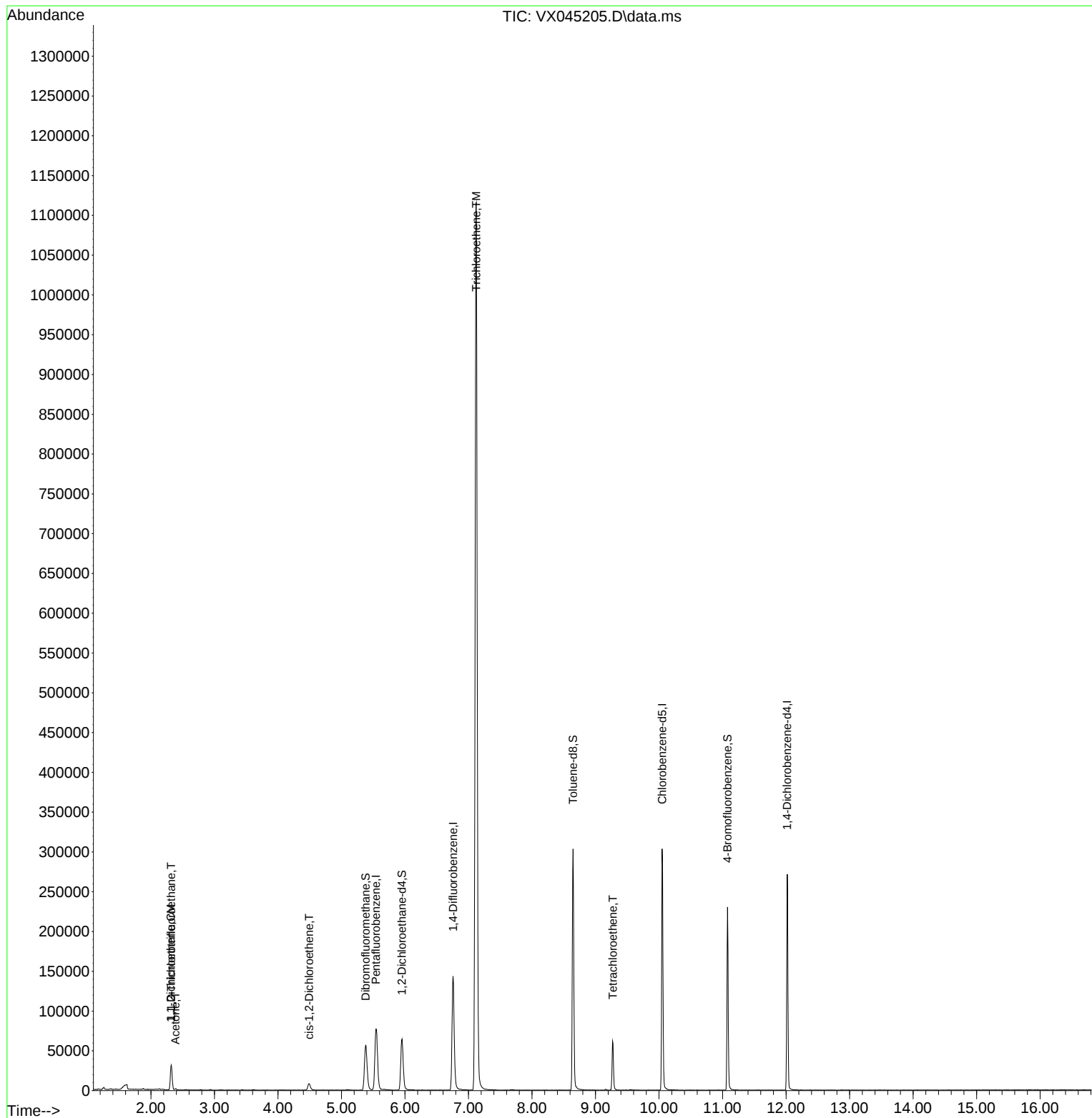
Internal Standards						
1) Pentafluorobenzene	5.544	168	73994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62001	52.678	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.360%	
35) Dibromofluoromethane	5.379	113	50224	52.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.140%	
50) Toluene-d8	8.647	98	177919	51.366	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	11.079	95	60216	52.463	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.920%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	10145	11.797	ug/l	99
12) 1,1-Dichloroethene	2.313	96	2967	3.263	ug/l	83
16) Acetone	2.386	43	831	1.522	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	5219	4.707	ug/l	96
44) Trichloroethene	7.123	130	423226	435.627	ug/l	100
64) Tetrachloroethene	9.275	164	11459	13.652	ug/l	92

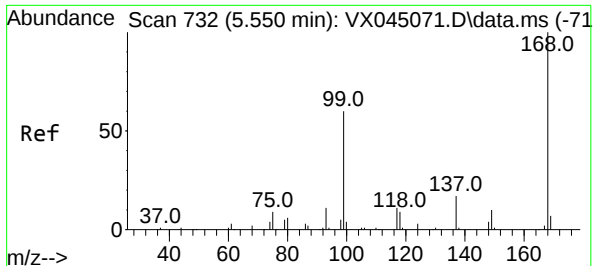
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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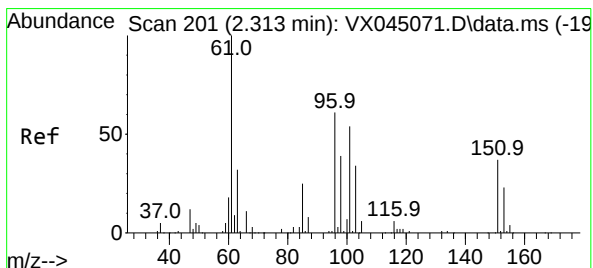
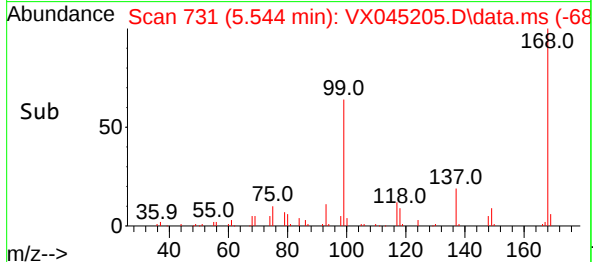
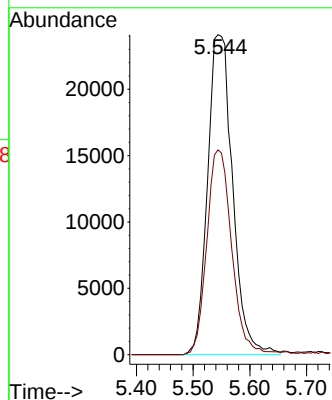
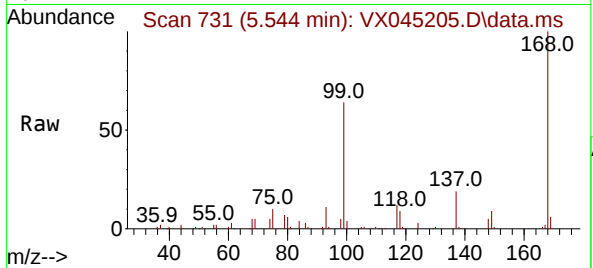




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045205.D
Acq: 10 Mar 2025 18:44

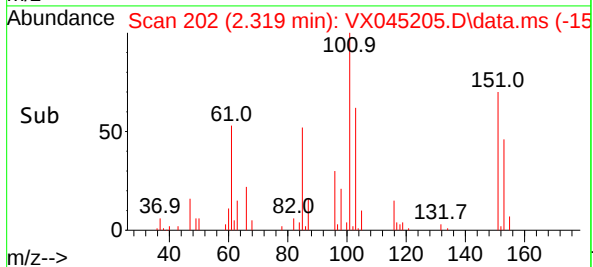
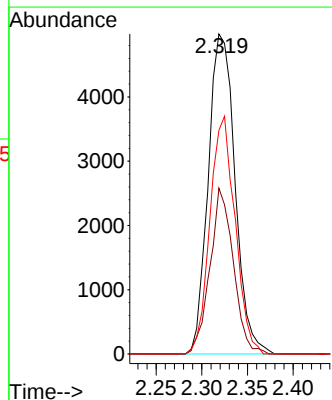
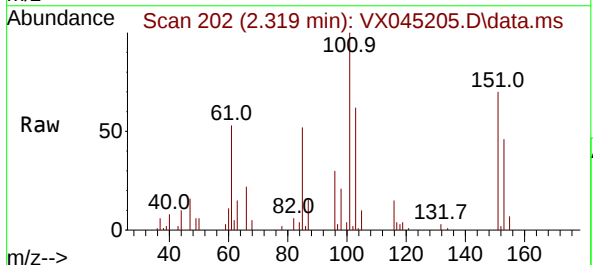
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20250307

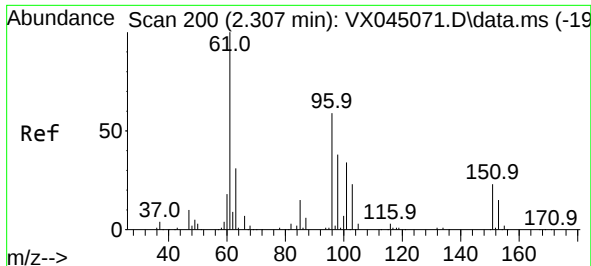
Tgt Ion:168 Resp: 73994
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.797 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045205.D
Acq: 10 Mar 2025 18:44

Tgt Ion:101 Resp: 10145
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.4
151 69.7 56.4 84.6





#12

1,1-Dichloroethene

Concen: 3.263 ug/l

RT: 2.313 min Scan# 200

Delta R.T. 0.006 min

Lab File: VX045205.D

Acq: 10 Mar 2025 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20250307

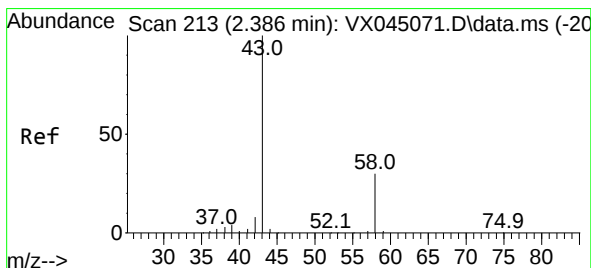
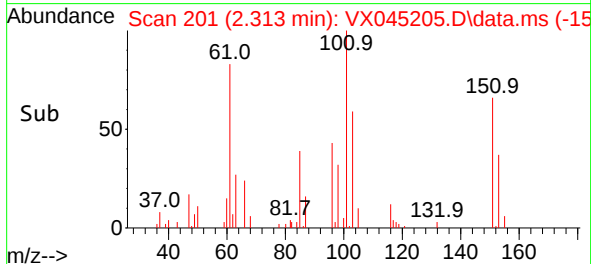
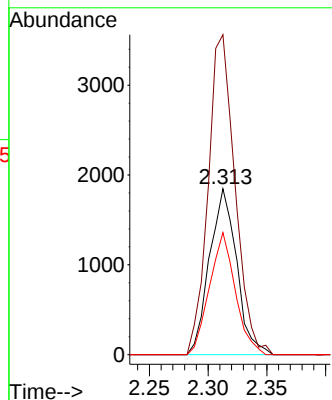
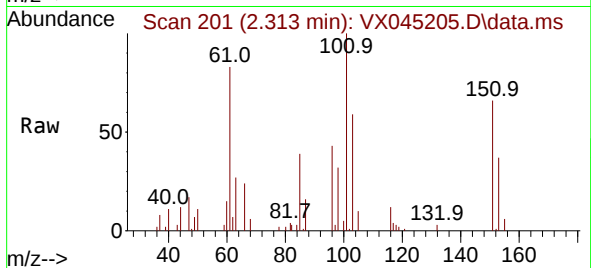
Tgt Ion: 96 Resp: 2967

Ion Ratio Lower Upper

96 100

61 192.9 134.6 202.0

98 73.5 51.0 76.6



#16

Acetone

Concen: 1.522 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045205.D

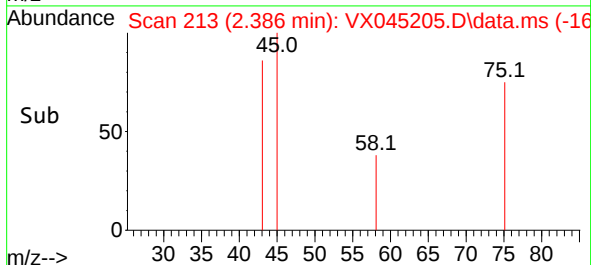
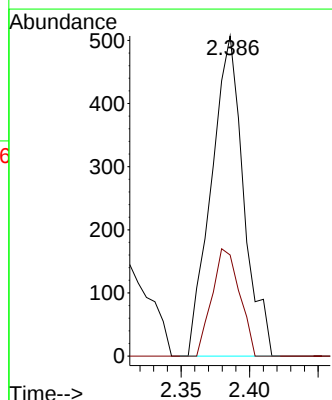
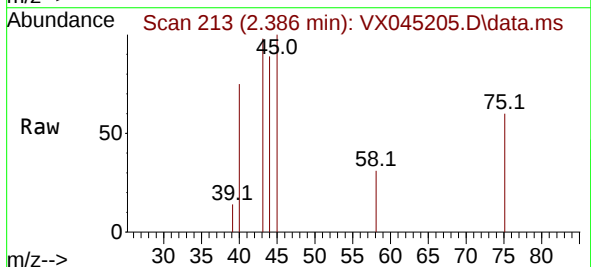
Acq: 10 Mar 2025 18:44

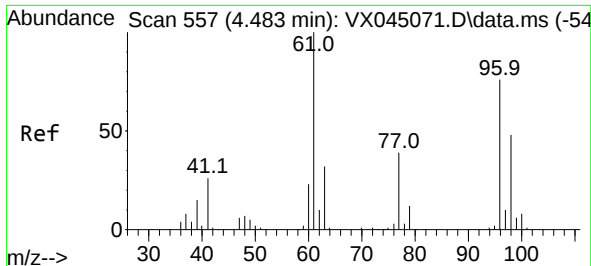
Tgt Ion: 43 Resp: 831

Ion Ratio Lower Upper

43 100

58 31.6 24.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 4.707 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045205.D

Acq: 10 Mar 2025 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20250307

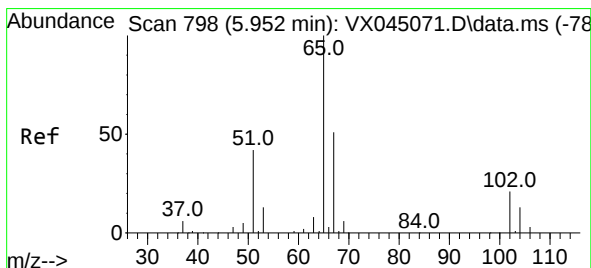
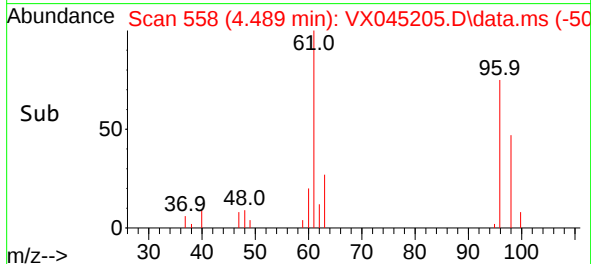
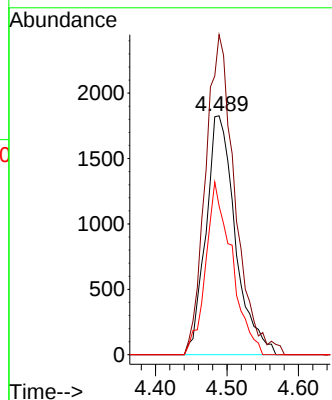
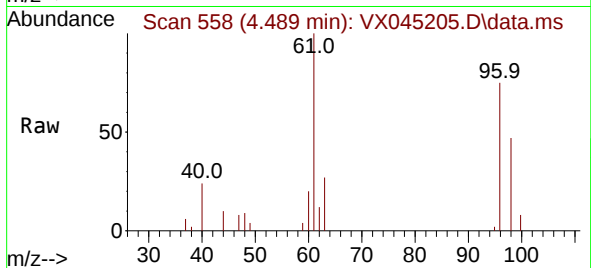
Tgt Ion: 96 Resp: 5219

Ion Ratio Lower Upper

96 100

61 134.2 0.0 283.2

98 64.4 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 52.678 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045205.D

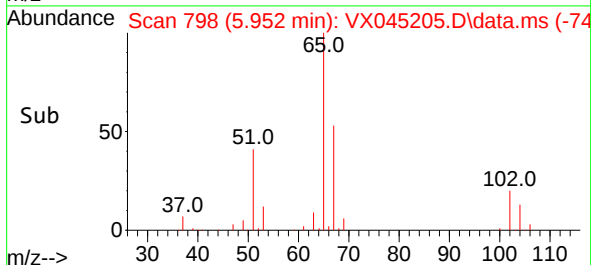
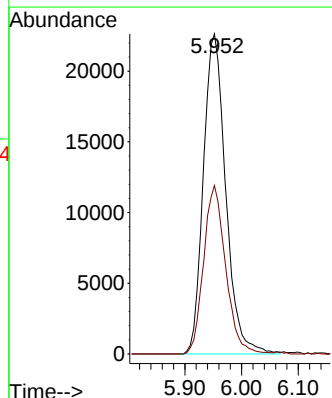
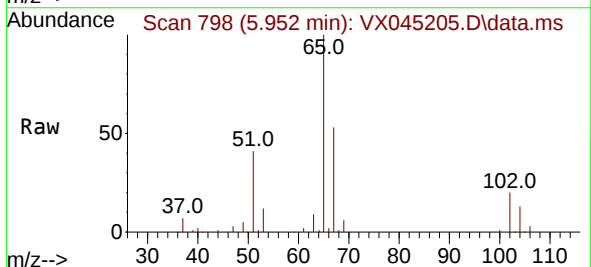
Acq: 10 Mar 2025 18:44

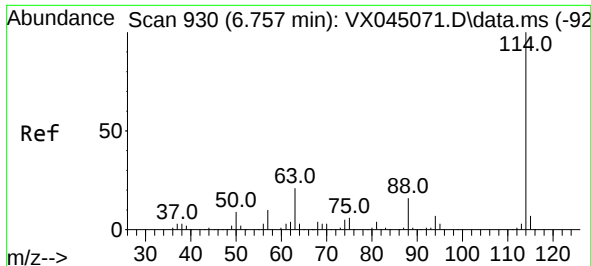
Tgt Ion: 65 Resp: 62001

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.2

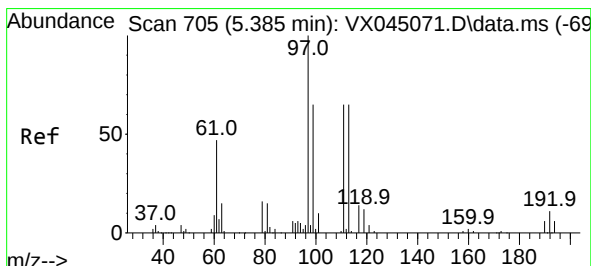
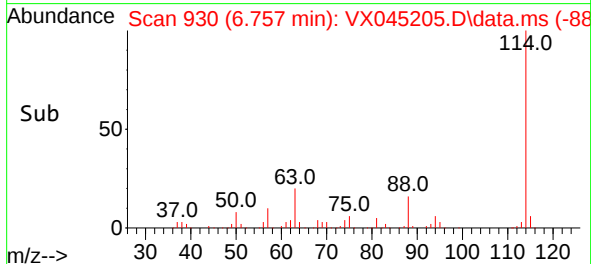
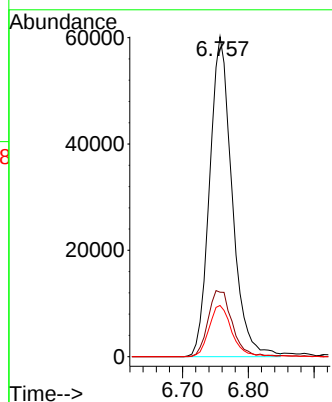
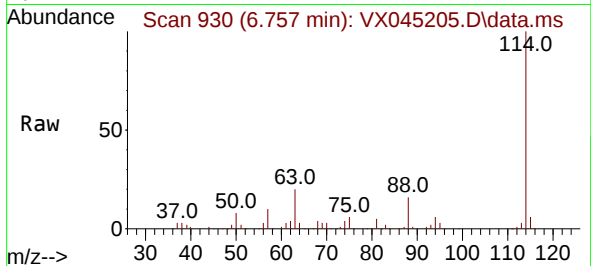




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045205.D
Acq: 10 Mar 2025 18:44

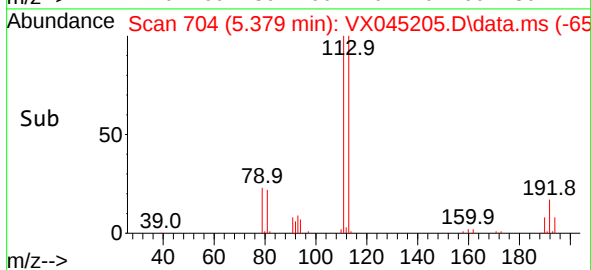
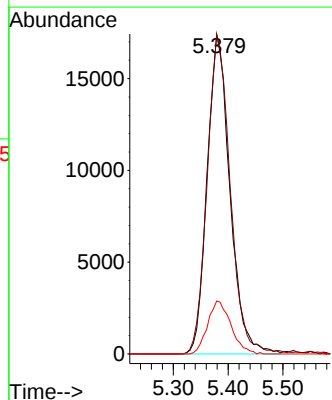
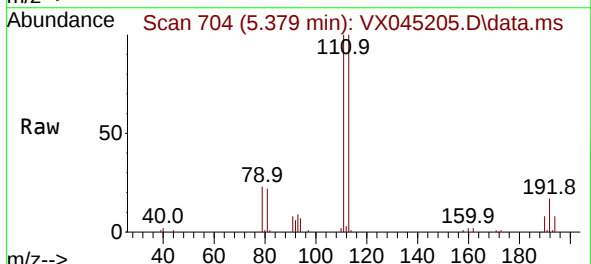
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20250307

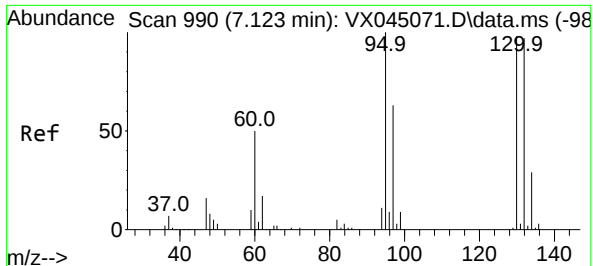
Tgt Ion:	114	Resp:	142884
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.8
88	16.0	0.0	32.8



#35
Dibromofluoromethane
Concen: 52.567 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045205.D
Acq: 10 Mar 2025 18:44

Tgt Ion:	113	Resp:	50224
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.6
192	17.0	14.3	21.5

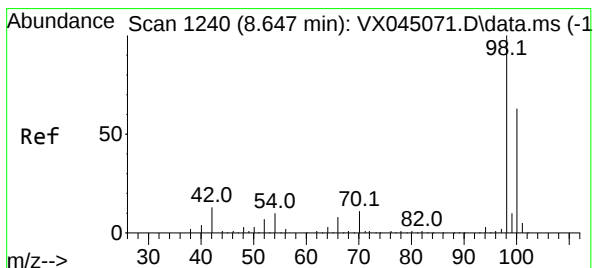
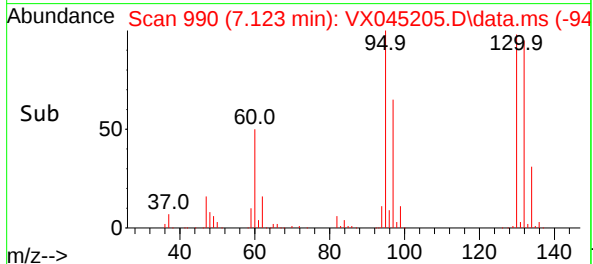
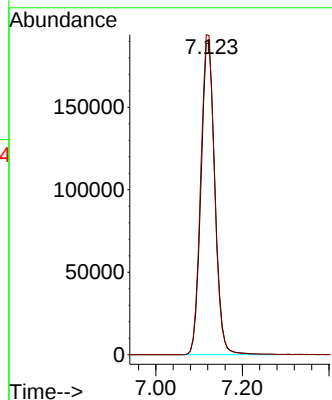
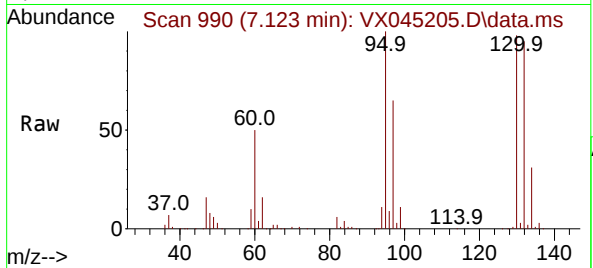




#44
Trichloroethene
Concen: 435.627 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045205.D
Acq: 10 Mar 2025 18:44

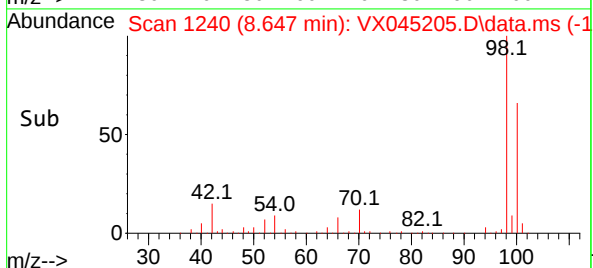
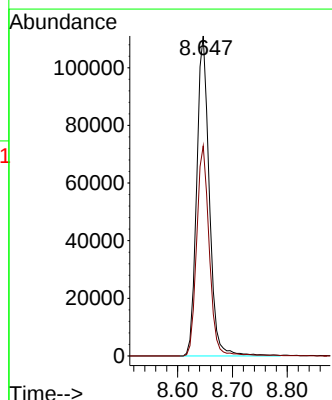
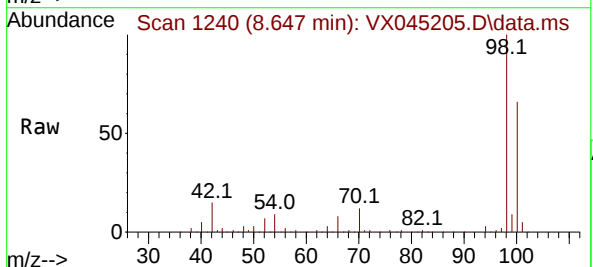
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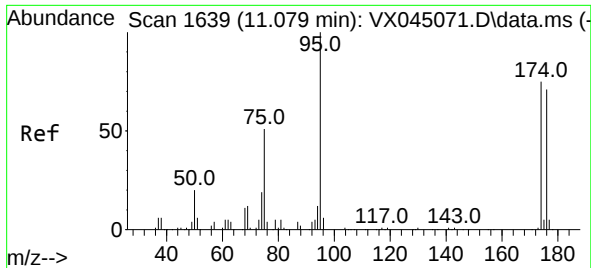
Tgt Ion:130 Resp: 423226
Ion Ratio Lower Upper
130 100
95 102.4 0.0 205.0



#50
Toluene-d8
Concen: 51.366 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045205.D
Acq: 10 Mar 2025 18:44

Tgt Ion: 98 Resp: 177919
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

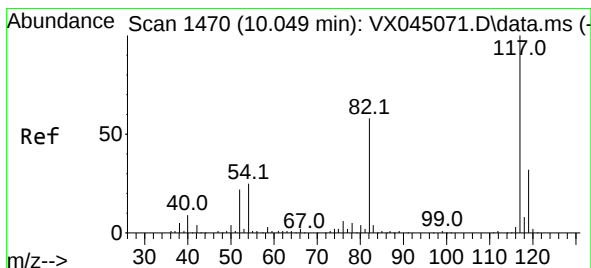
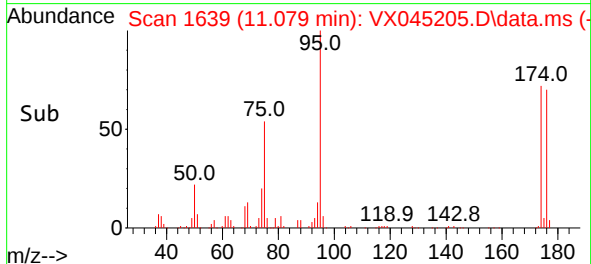
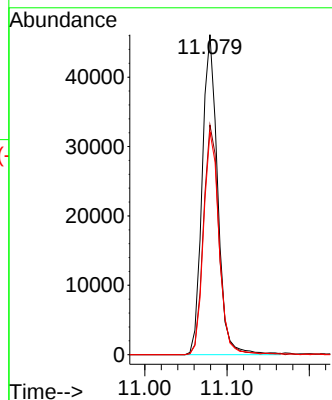
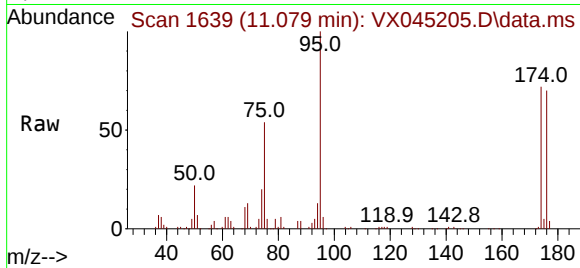




#62
4-Bromofluorobenzene
Concen: 52.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045205.D
Acq: 10 Mar 2025 18:44

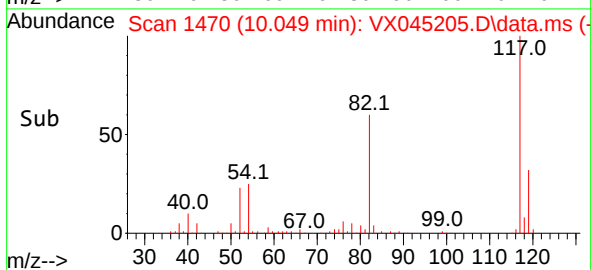
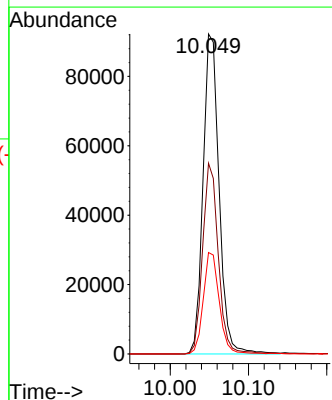
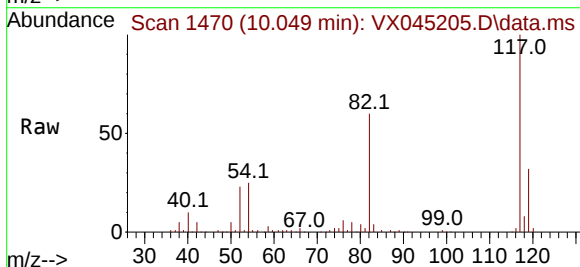
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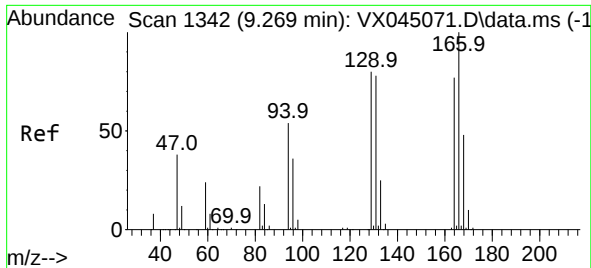
Tgt Ion: 95 Resp: 60216
Ion Ratio Lower Upper
95 100
174 72.9 0.0 148.2
176 70.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045205.D
Acq: 10 Mar 2025 18:44

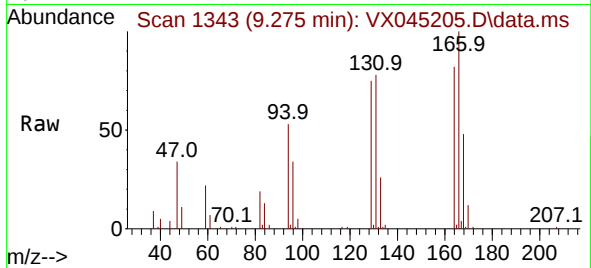
Tgt Ion: 117 Resp: 131060
Ion Ratio Lower Upper
117 100
82 59.6 46.3 69.5
119 31.7 25.7 38.5



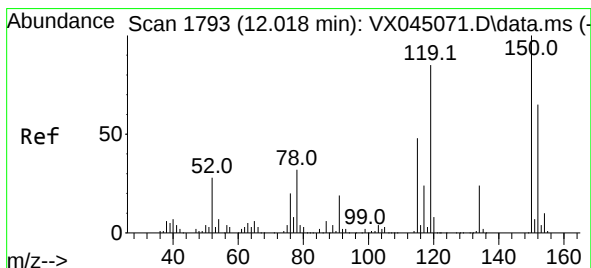
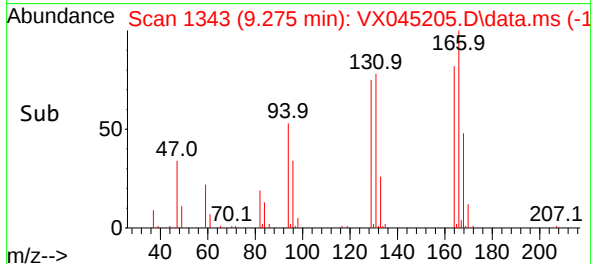
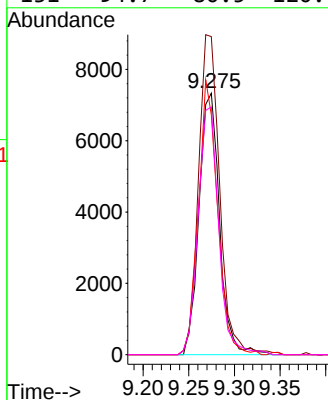


#64
Tetrachloroethene
Concen: 13.652 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045205.D
Acq: 10 Mar 2025 18:44

Instrument :
MSVOA_X
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Tgt Ion:164 Resp: 11459
Ion Ratio Lower Upper
164 100
166 121.6 103.6 155.4
129 91.7 82.7 124.1
131 94.7 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: VX045205.D
Acq: 10 Mar 2025 18:44

Tgt Ion:152 Resp: 52991
Ion Ratio Lower Upper
152 100
115 63.9 44.2 132.6
150 158.6 0.0 349.0

