

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045428.D
 Acq On : 24 Mar 2025 20:19
 Operator : JC/MD
 Sample : Q1608-28
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP09-20250319

Quant Time: Mar 25 01:41:04 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)

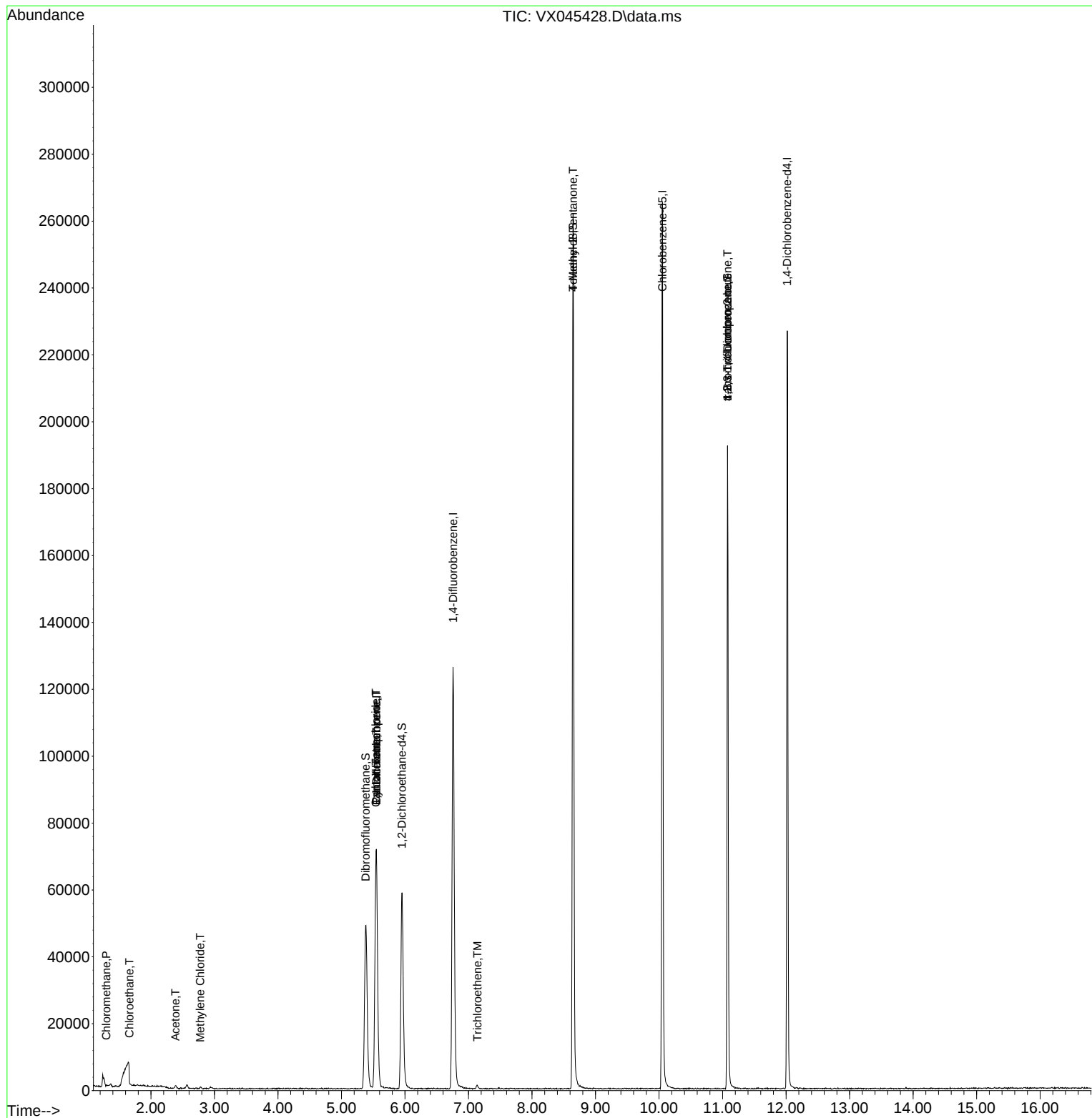
Internal Standards						
1) Pentafluorobenzene	5.549	168	63255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	122676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57383	57.031	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.060%			
35) Dibromofluoromethane	5.379	113	42494	51.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	8.646	98	149783	50.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	11.079	95	50075	50.814	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.620%			
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	374	0.384	ug/l #	43
6) Chloroethane	1.660	64	91	0.204	ug/l #	41
16) Acetone	2.385	43	1049	2.247	ug/l	95
20) Methylene Chloride	2.775	84	226	0.244	ug/l #	46
31) Cyclohexane	5.549	56	1871	1.367	ug/l #	43
36) 1,1-Dichloropropene	5.549	75	6268	5.572	ug/l #	42
38) Carbon Tetrachloride	5.543	117	7174	6.281	ug/l #	15
44) Trichloroethene	7.141	130	422	0.506	ug/l	88
51) 4-Methyl-2-Pentanone	8.646	43	921	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28753	29.084	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	28753	99.529	ug/l #	6

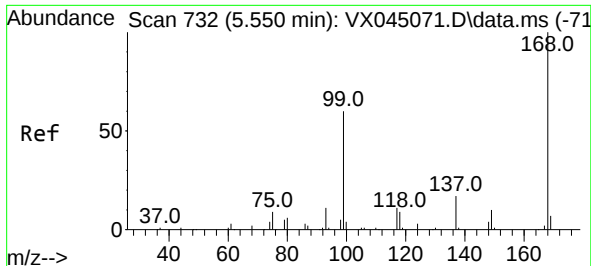
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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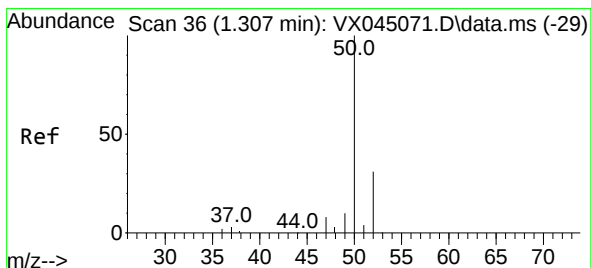
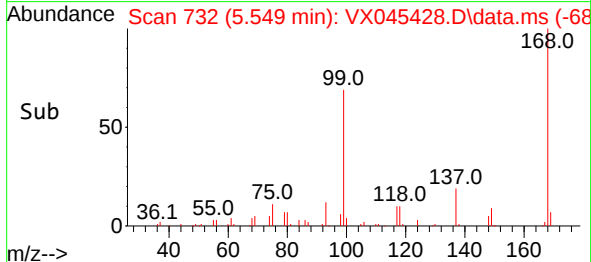
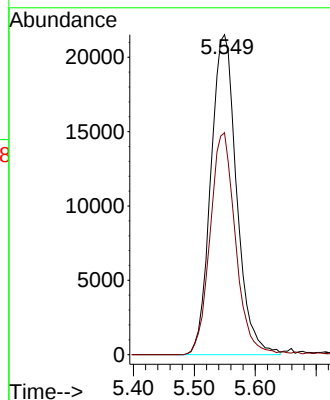
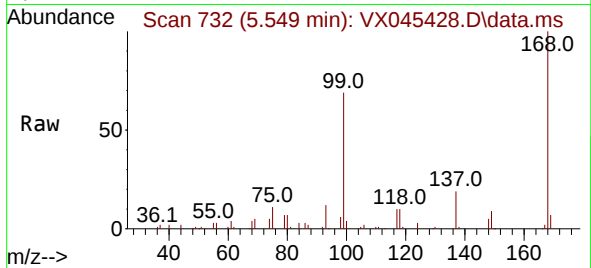




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

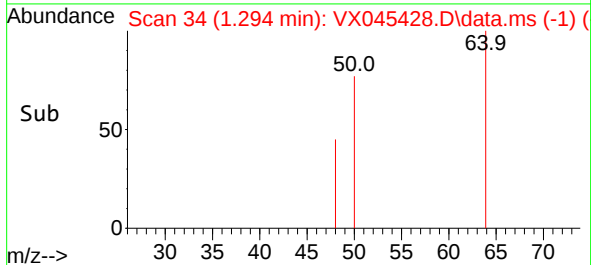
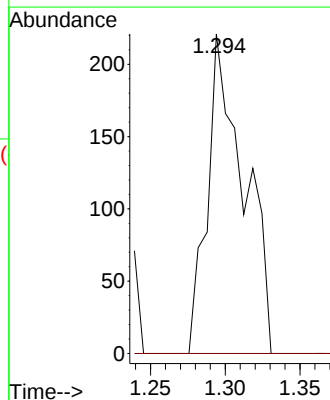
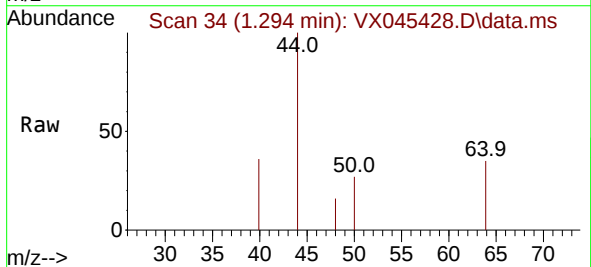
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20250319

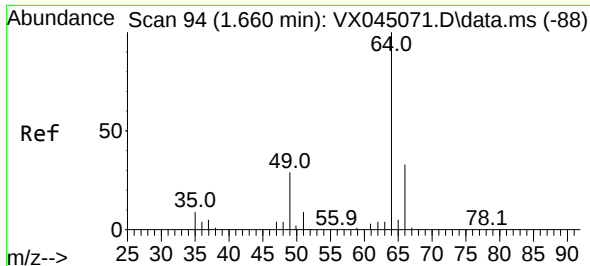
Tgt Ion:168 Resp: 63255
Ion Ratio Lower Upper
168 100
99 69.3 48.2 72.4



#3
Chloromethane
Concen: 0.384 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.013 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

Tgt Ion: 50 Resp: 374
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

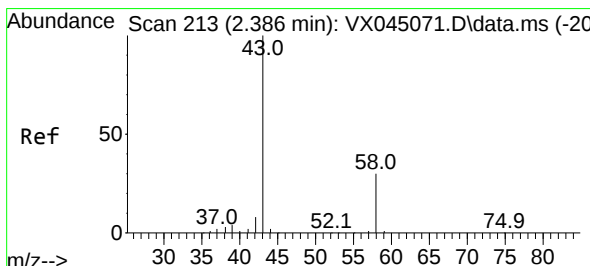
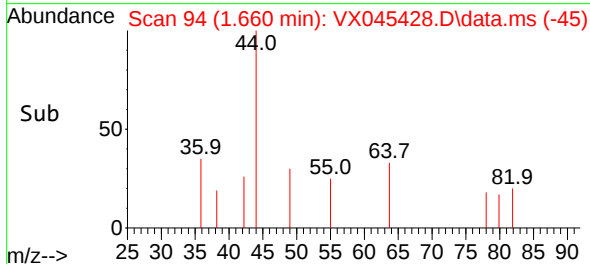
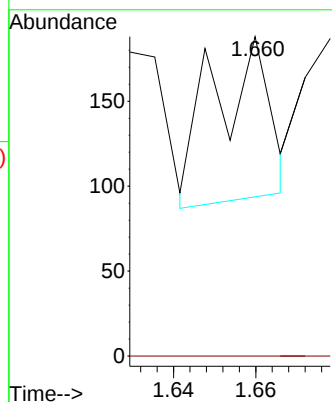
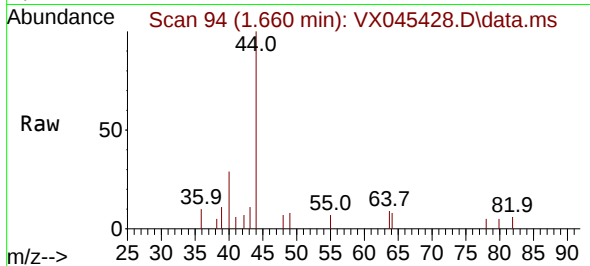




#6
Chloroethane
Concen: 0.204 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

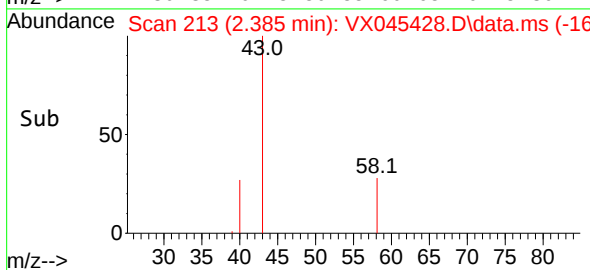
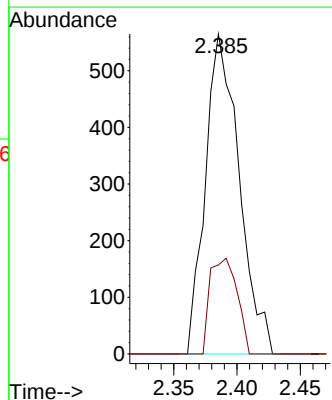
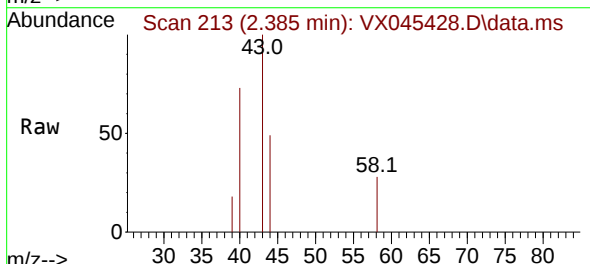
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20250319

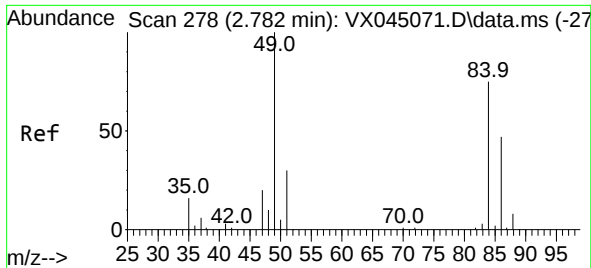
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#16
Acetone
Concen: 2.247 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 27.8 24.2 36.4

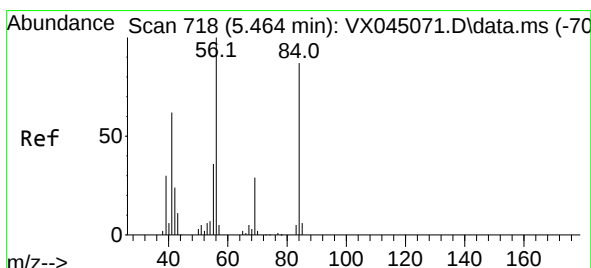
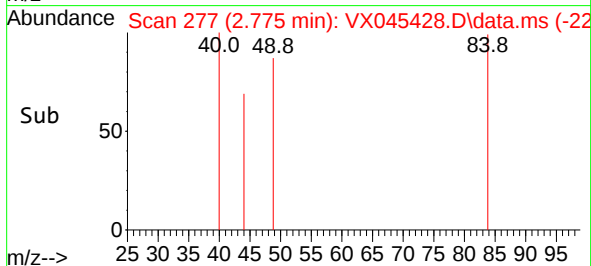
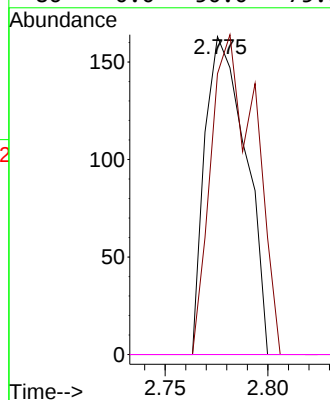
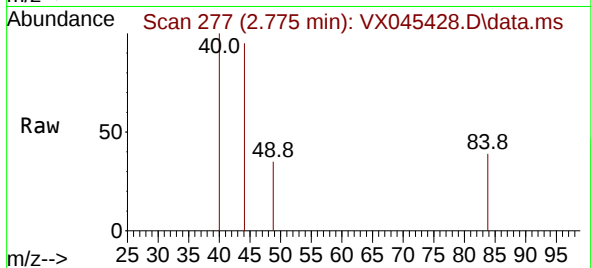




#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.775 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

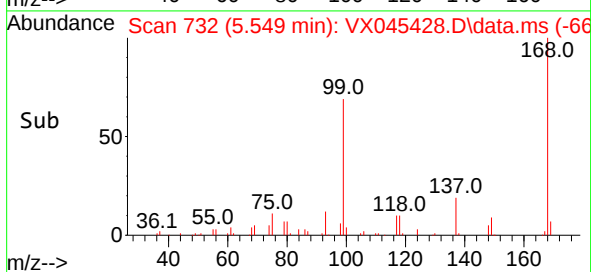
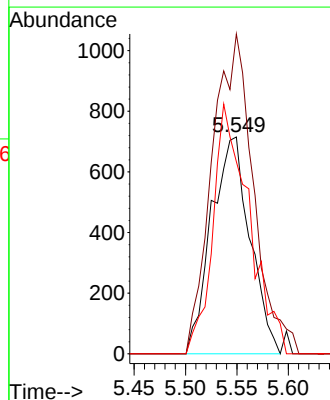
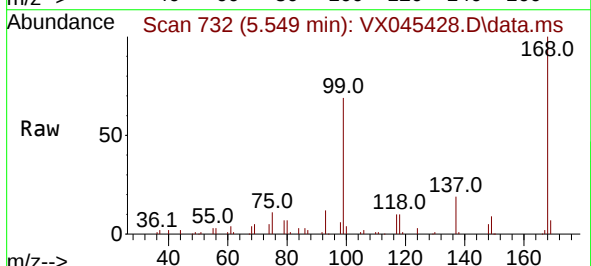
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20250319

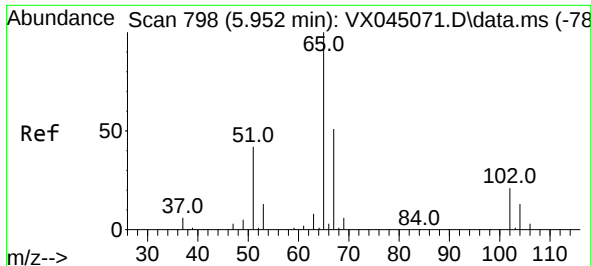
Tgt Ion:	84	Resp:	226
Ion	Ratio	Lower	Upper
84	100		
49	88.3	106.5	159.7#
51	0.0	32.1	48.1#
86	0.0	50.0	75.0#



#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

Tgt Ion:	56	Resp:	1871
Ion	Ratio	Lower	Upper
56	100		
69	147.6	23.4	35.2#
84	88.7	69.4	104.2





#33

1,2-Dichloroethane-d4

Concen: 57.031 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045428.D

Acq: 24 Mar 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

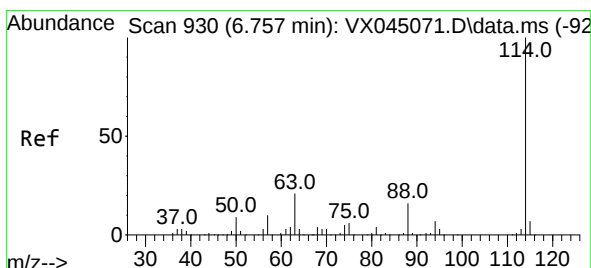
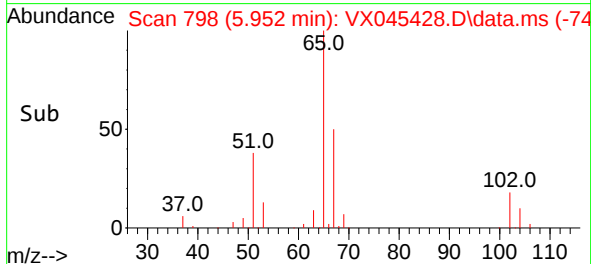
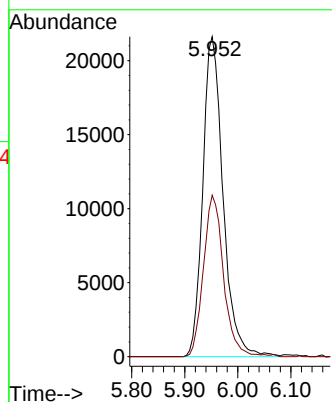
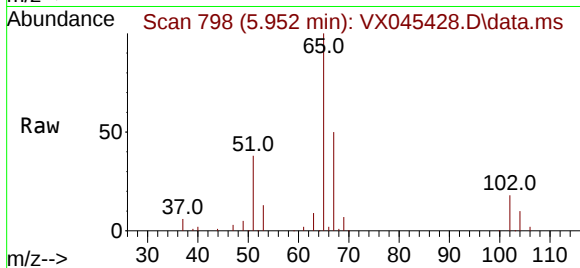
DUP09-20250319

Tgt Ion: 65 Resp: 57383

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045428.D

Acq: 24 Mar 2025 20:19

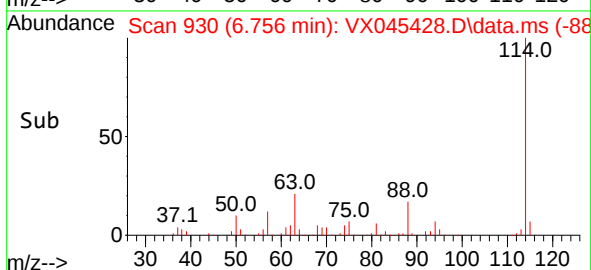
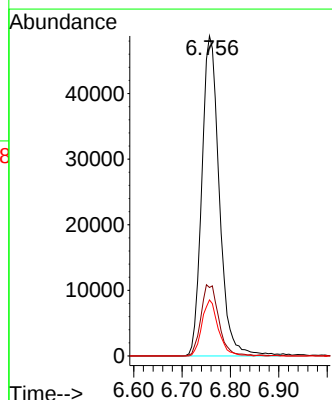
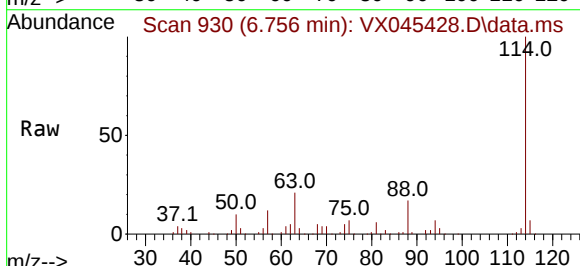
Tgt Ion: 114 Resp: 122676

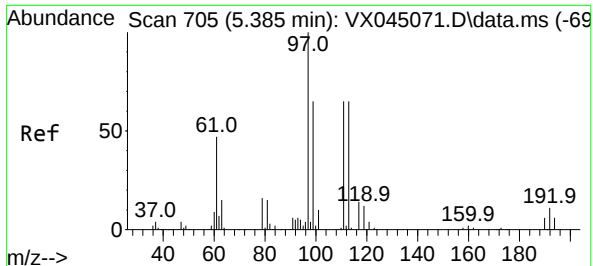
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 17.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.803 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.007 min

Lab File: VX045428.D

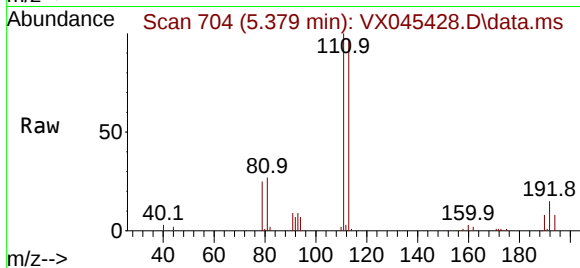
Acq: 24 Mar 2025 20:19

Instrument :

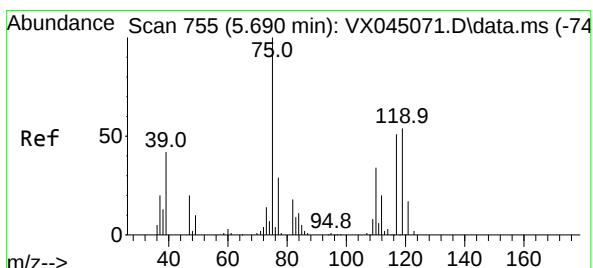
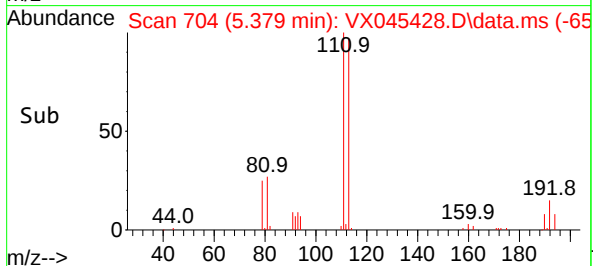
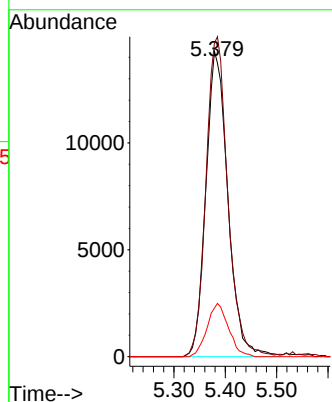
MSVOA_X

ClientSampleId :

DUP09-20250319



Tgt Ion:	113	Resp:	42494
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	17.0	14.3	21.5



#36

1,1-Dichloropropene

Concen: 5.572 ug/l

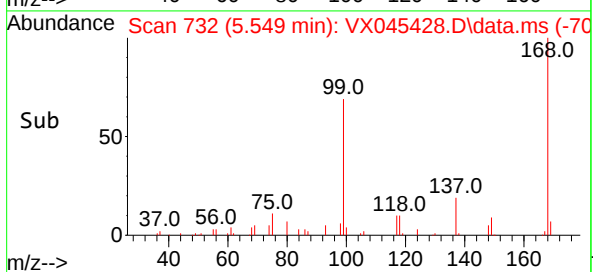
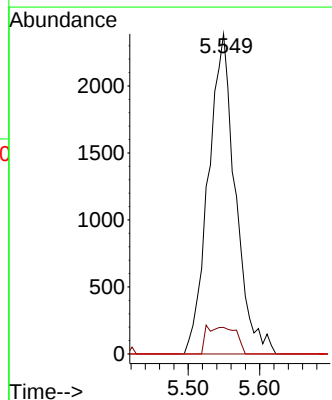
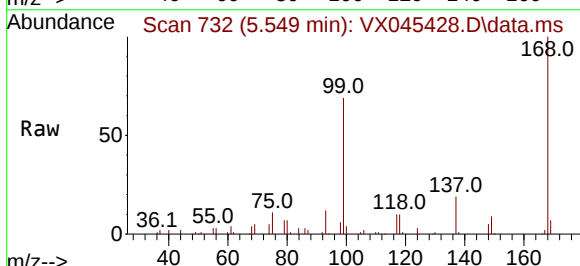
RT: 5.549 min Scan# 732

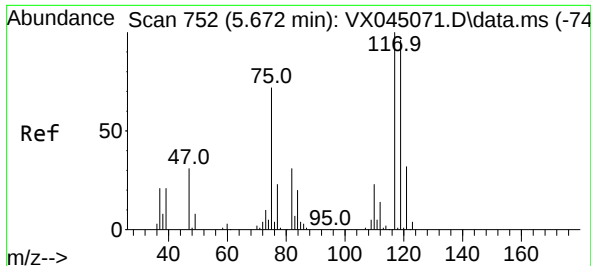
Delta R.T. -0.141 min

Lab File: VX045428.D

Acq: 24 Mar 2025 20:19

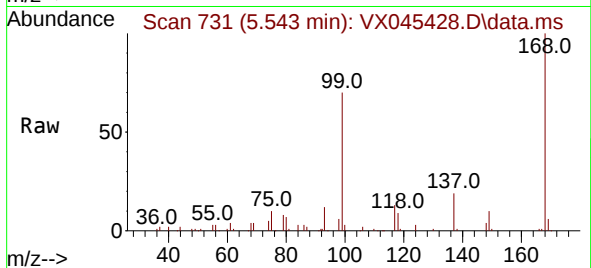
Tgt Ion:	75	Resp:	6268
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.9	50.6#
77	0.0	24.5	36.7#



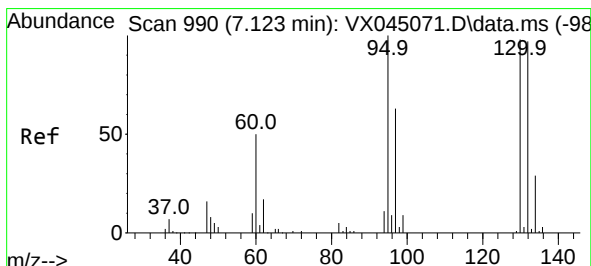
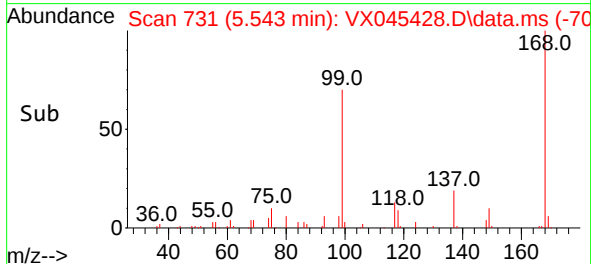
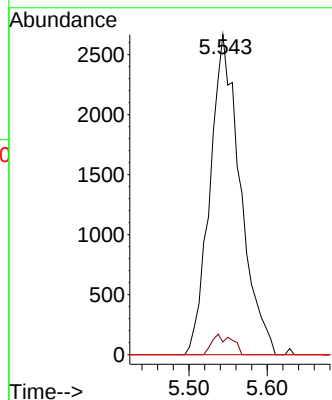


#38
Carbon Tetrachloride
Concen: 6.281 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

Instrument :
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ClientSampleId :
DUP09-20250319

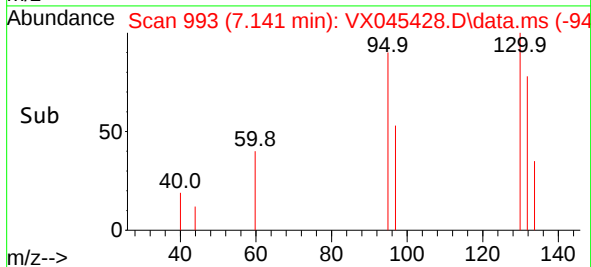
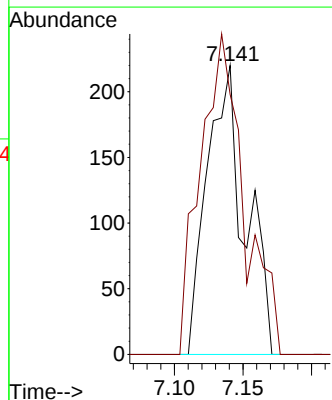
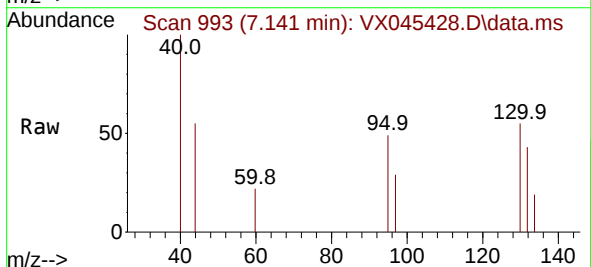


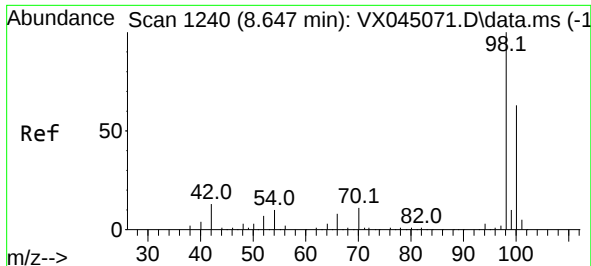
Tgt Ion:117 Resp: 7174
Ion Ratio Lower Upper
117 100
119 4.0 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 0.506 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

Tgt Ion:130 Resp: 422
Ion Ratio Lower Upper
130 100
95 90.0 0.0 205.0

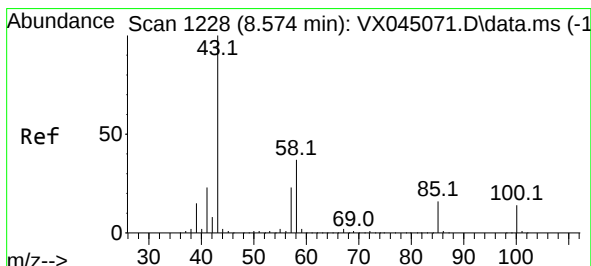
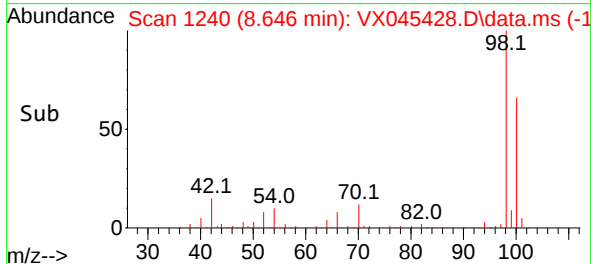
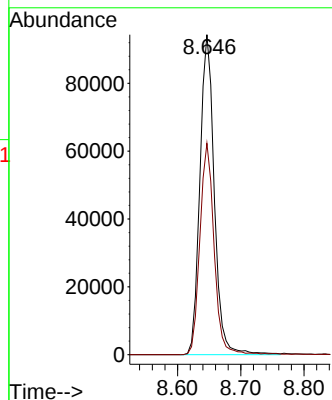
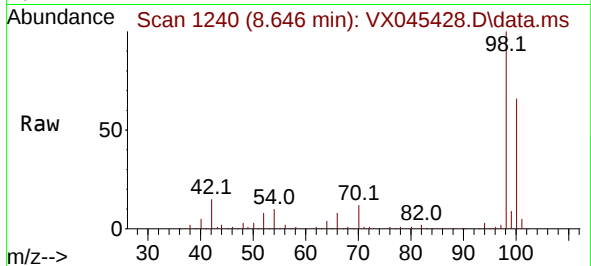




#50
Toluene-d8
Concen: 50.366 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

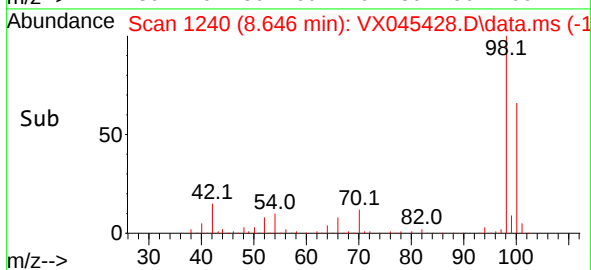
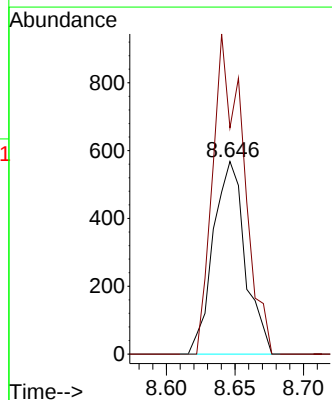
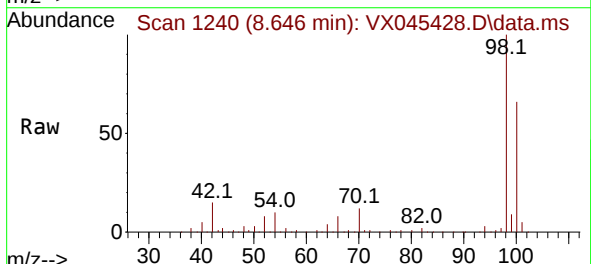
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20250319

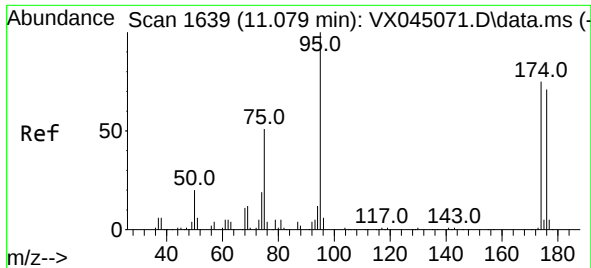
Tgt Ion: 98 Resp: 149783
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 157.7 29.2 43.8#

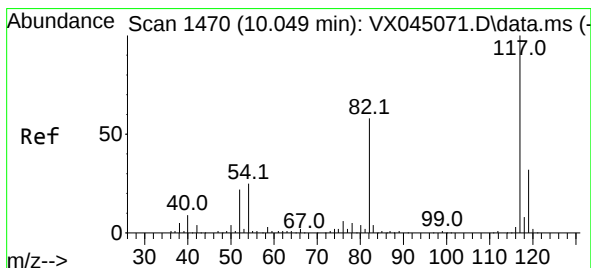
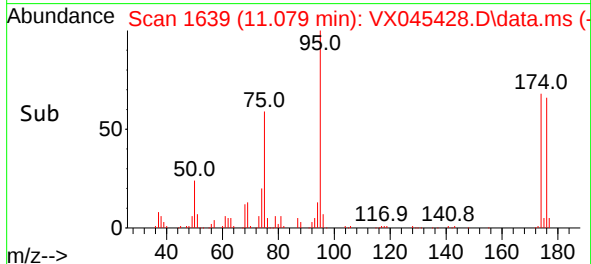
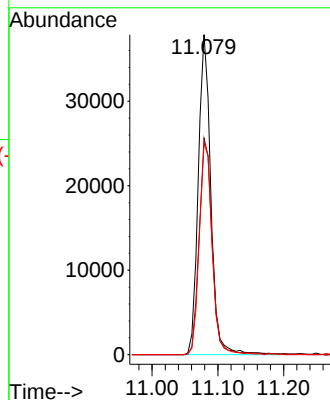
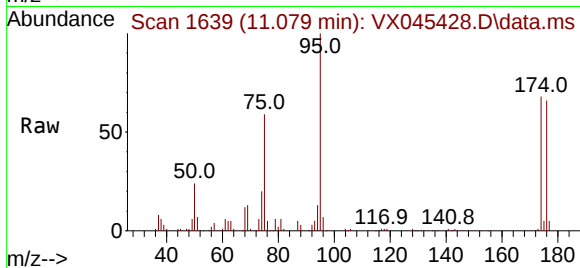




#62
4-Bromofluorobenzene
Concen: 50.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

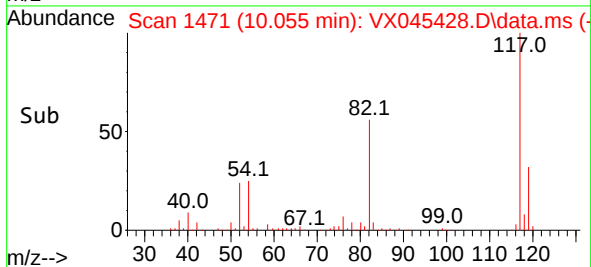
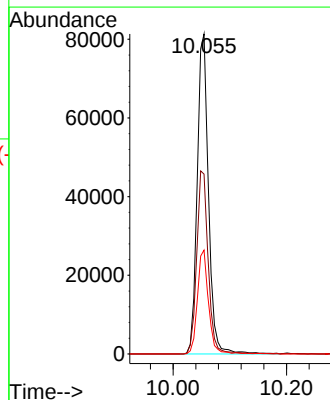
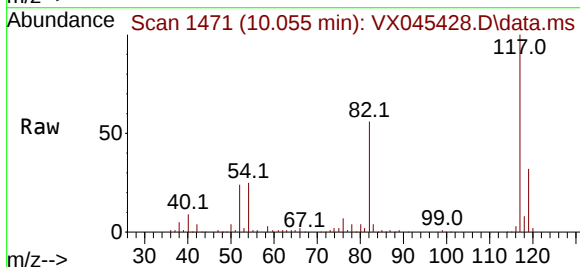
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20250319

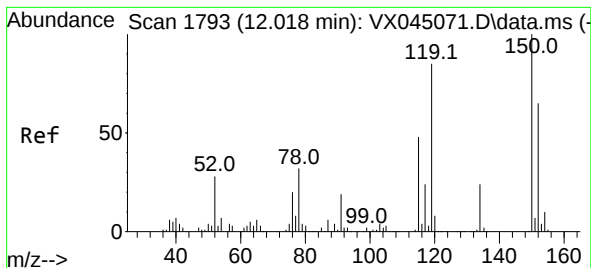
Tgt Ion: 95 Resp: 50075
Ion Ratio Lower Upper
95 100
174 70.7 0.0 148.2
176 67.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

Tgt Ion: 117 Resp: 112419
Ion Ratio Lower Upper
117 100
82 56.2 46.3 69.5
119 32.4 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045428.D

Acq: 24 Mar 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

DUP09-20250319

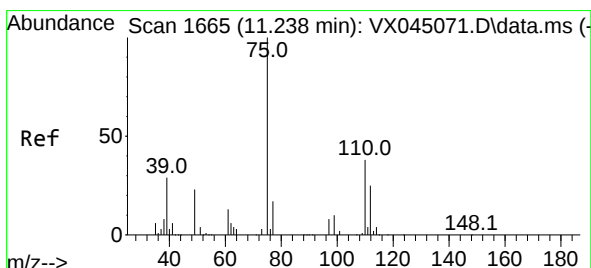
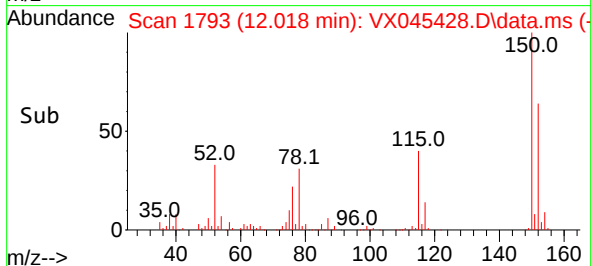
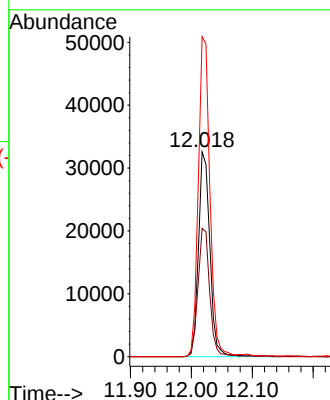
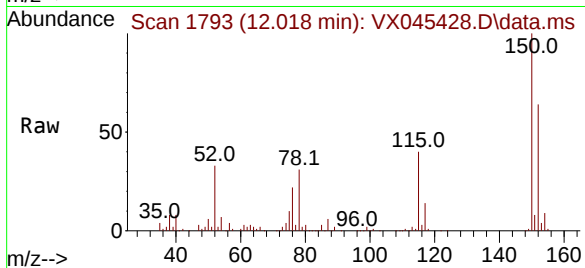
Tgt Ion:152 Resp: 42476

Ion Ratio Lower Upper

152 100

115 64.1 44.2 132.6

150 157.6 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 29.084 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045428.D

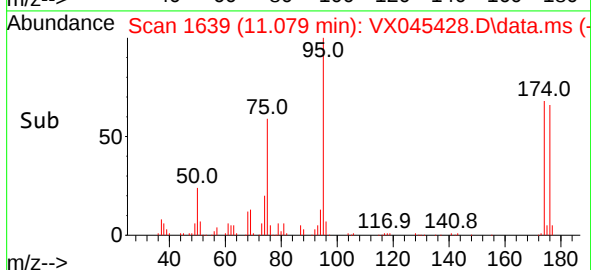
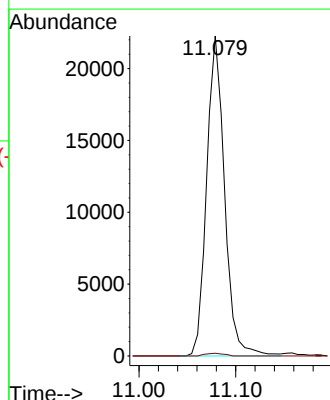
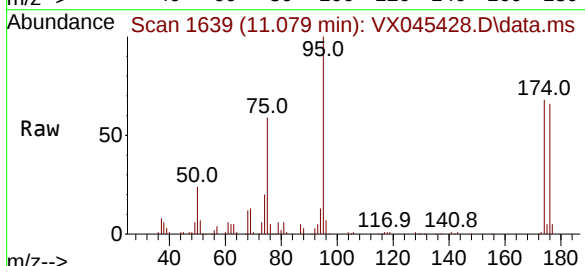
Acq: 24 Mar 2025 20:19

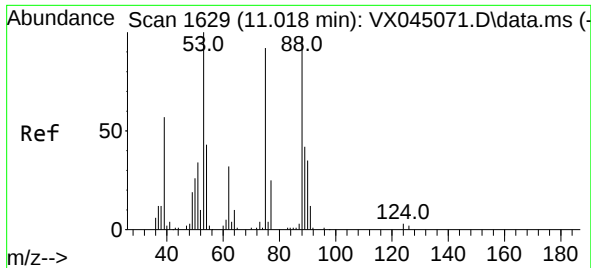
Tgt Ion: 75 Resp: 28753

Ion Ratio Lower Upper

75 100

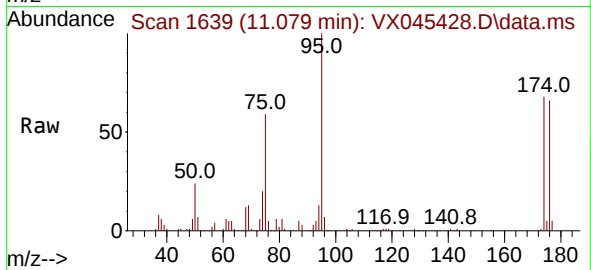
77 0.9 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.529 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045428.D
Acq: 24 Mar 2025 20:19

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20250319



Tgt Ion: 75 Resp: 28753
Ion Ratio Lower Upper
75 100
53 0.1 88.5 132.7#
89 0.0 36.2 54.4#

