

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044193.D
 Acq On : 09 Dec 2024 17:14
 Operator : JC/MD
 Sample : P5164-04 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20241206

Quant Time: Dec 10 01:46:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

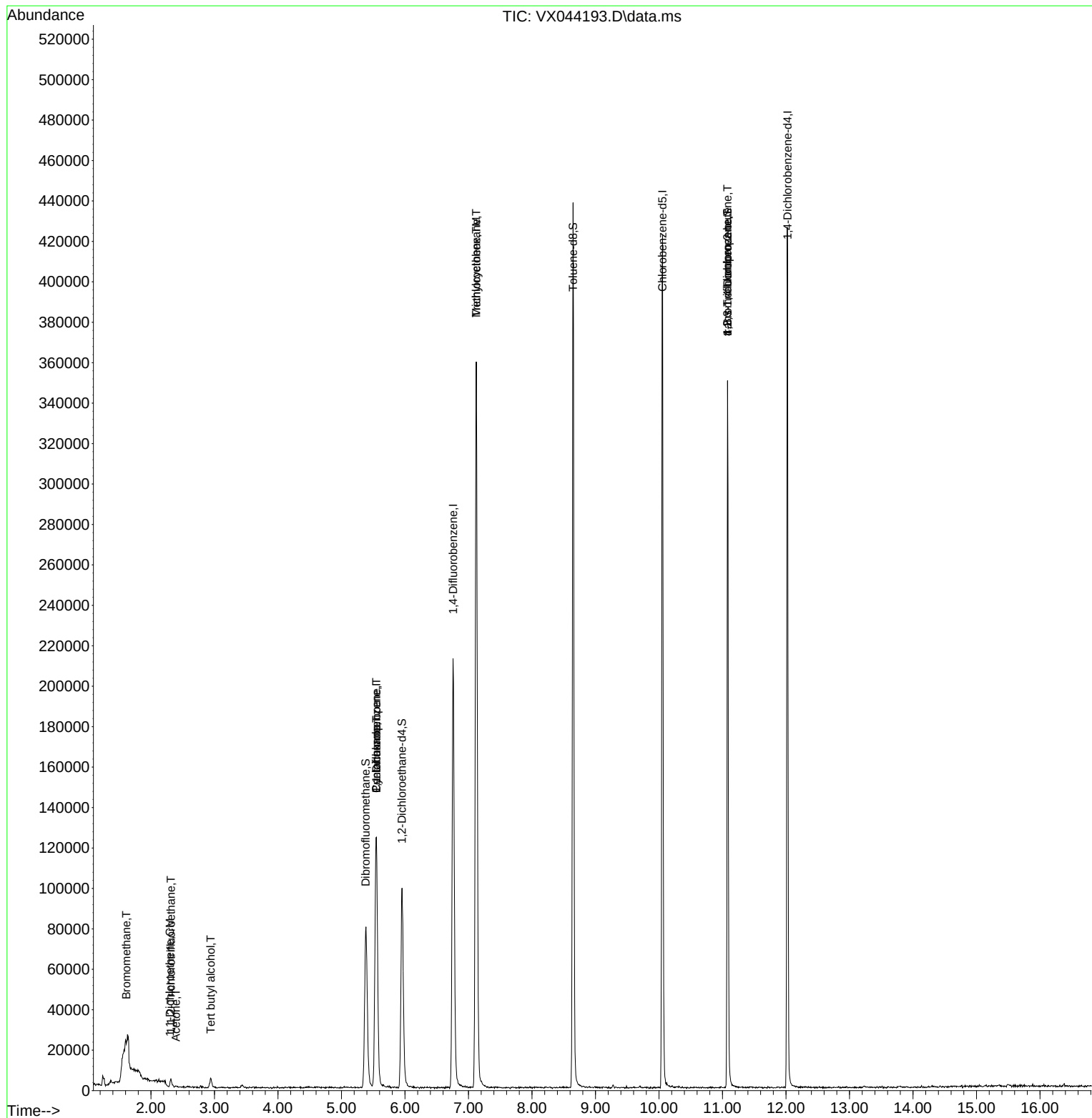
Internal Standards						
1) Pentafluorobenzene	5.550	168	109323	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	207584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94710	50.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.020%
35) Dibromofluoromethane	5.379	113	68391	46.108	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.220%
50) Toluene-d8	8.647	98	252866	49.455	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	89579	51.479	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.960%
Target Compounds						Qvalue
5) Bromomethane	1.612	94	623	0.653	ug/l #	59
9) 1,1,2-Trichlorotrifluo...	2.313	101	1244	0.941	ug/l	96
11) Tert butyl alcohol	2.941	59	2387	7.931	ug/l #	73
12) 1,1-Dichloroethene	2.300	96	342	0.271	ug/l #	42
16) Acetone	2.392	43	402	0.467	ug/l #	46
31) Cyclohexane	5.550	56	3345	1.601	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	10732	5.806	ug/l #	49
39) Methylcyclohexane	7.123	83	1991	0.829	ug/l #	1
44) Trichloroethene	7.123	130	129632	79.535	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	51323	28.402	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	51323	77.503	ug/l #	6

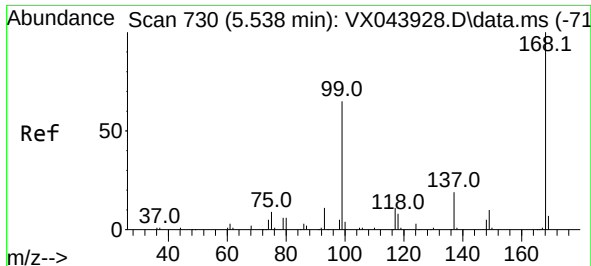
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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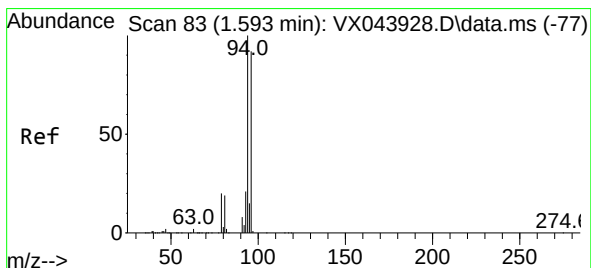
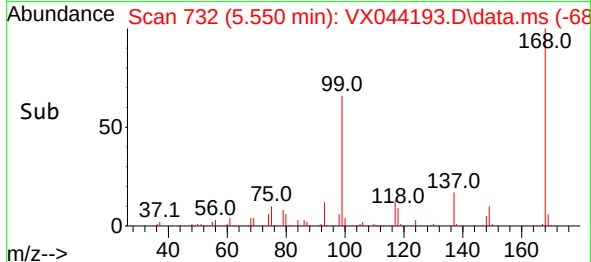
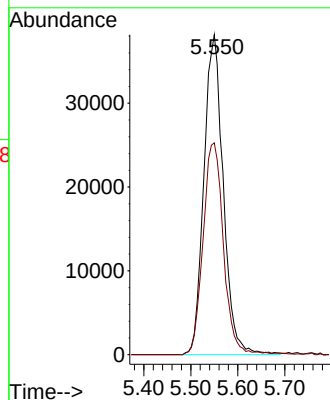
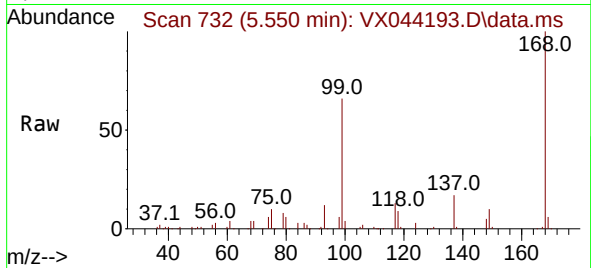




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

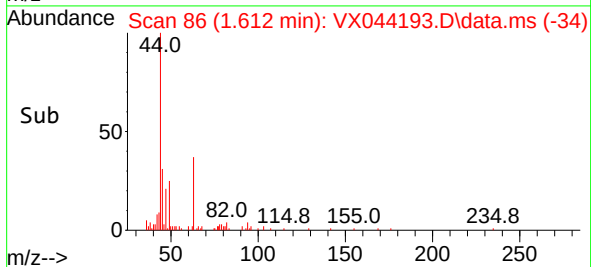
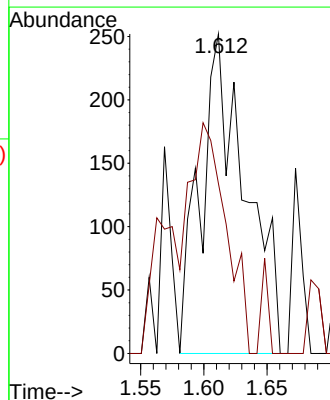
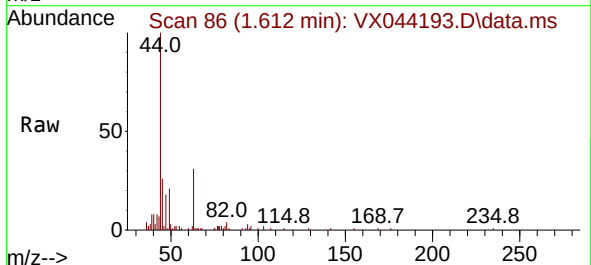
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20241206

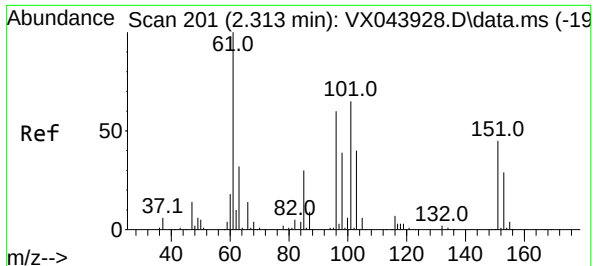
Tgt Ion:168 Resp: 109323
Ion Ratio Lower Upper
168 100
99 66.2 51.8 77.8



#5
Bromomethane
Concen: 0.653 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

Tgt Ion: 94 Resp: 623
Ion Ratio Lower Upper
94 100
96 53.2 73.9 110.9#

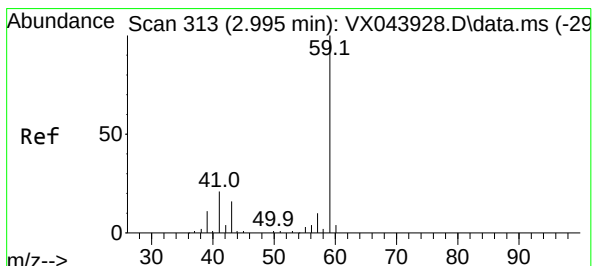
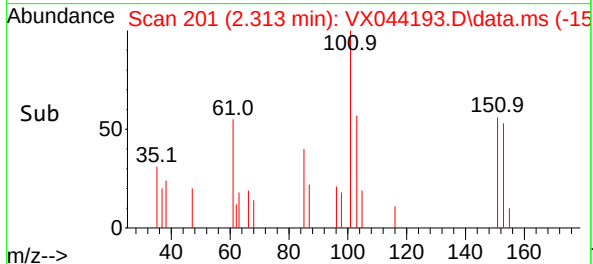
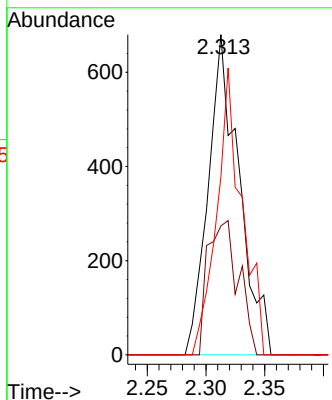
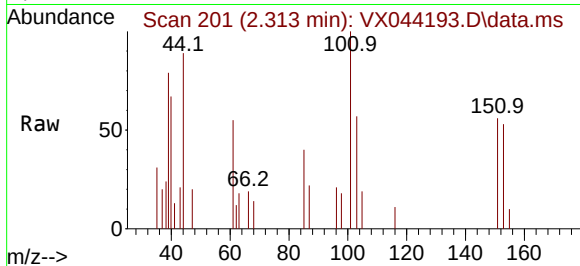




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.941 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

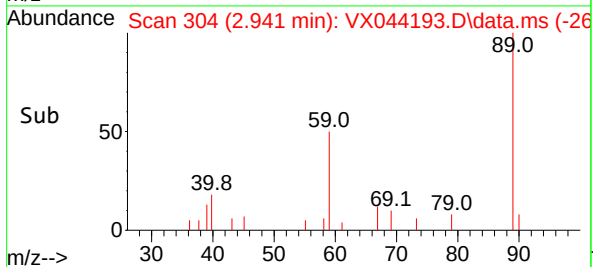
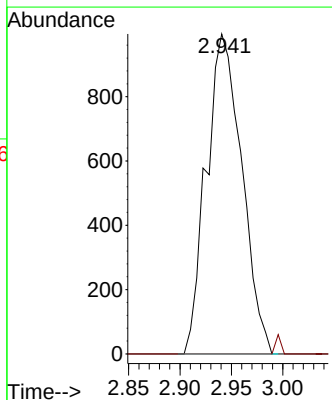
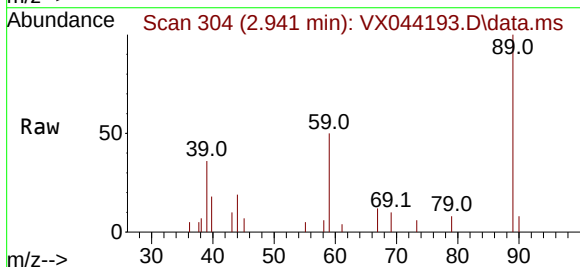
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20241206

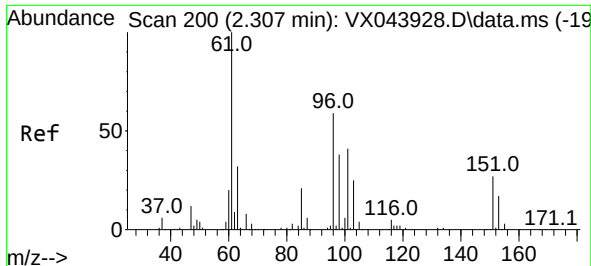
Tgt Ion:	101	Resp:	1244
Ion	Ratio	Lower	Upper
101	100		
85	41.6	37.9	56.9
151	72.9	57.5	86.3



#11
Tert butyl alcohol
Concen: 7.931 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

Tgt Ion:	59	Resp:	2387
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9





#12

1,1-Dichloroethene

Concen: 0.271 ug/l

RT: 2.300 min Scan# 19

Delta R.T. -0.006 min

Lab File: VX044193.D

Acq: 09 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20241206

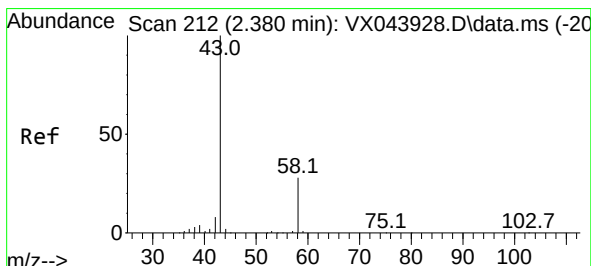
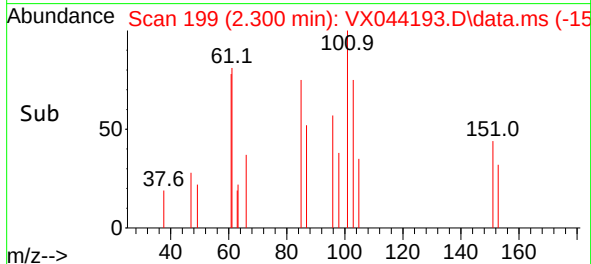
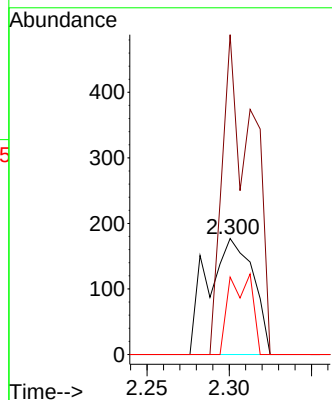
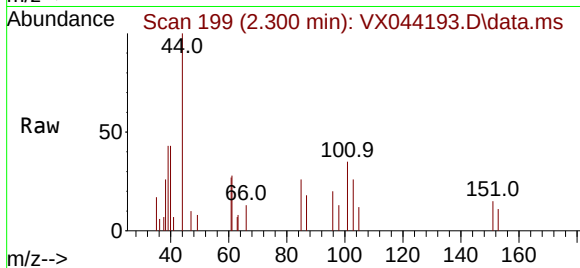
Tgt Ion: 96 Resp: 342

Ion Ratio Lower Upper

96 100

61 275.7 135.5 203.3#

98 66.7 50.8 76.2



#16

Acetone

Concen: 0.467 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX044193.D

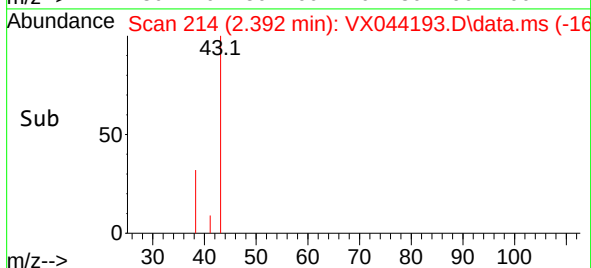
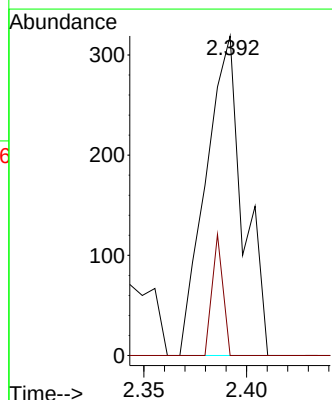
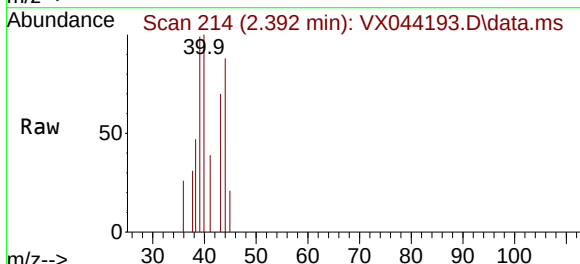
Acq: 09 Dec 2024 17:14

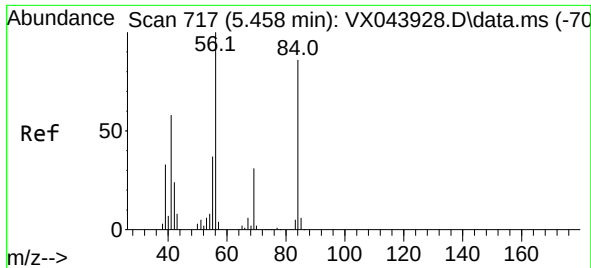
Tgt Ion: 43 Resp: 402

Ion Ratio Lower Upper

43 100

58 0.0 22.7 34.1#

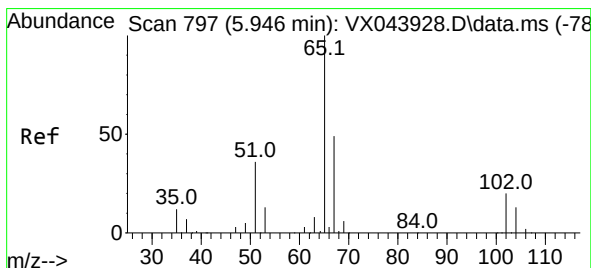
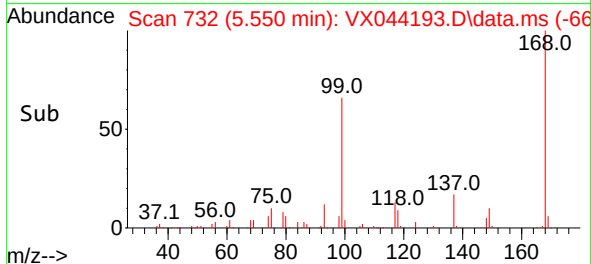
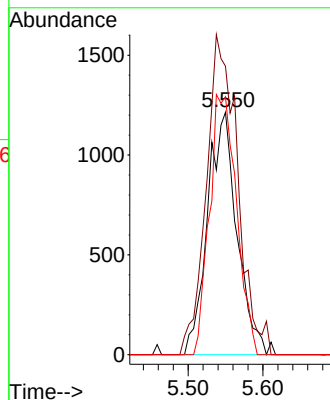
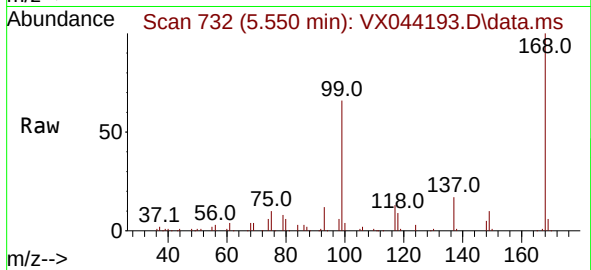




#31
Cyclohexane
Concen: 1.601 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

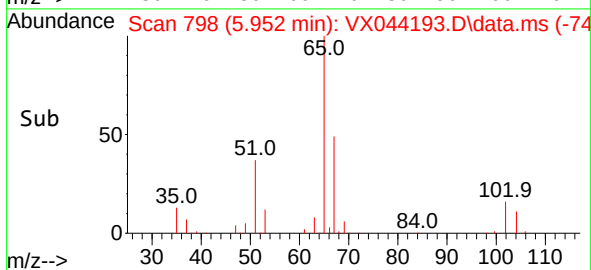
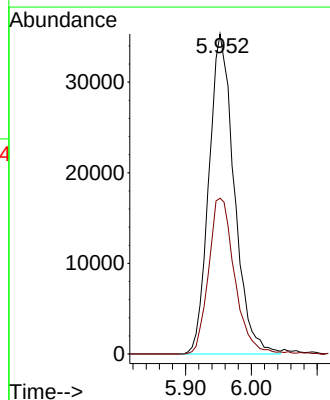
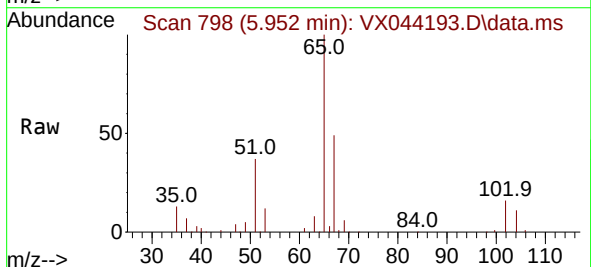
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20241206

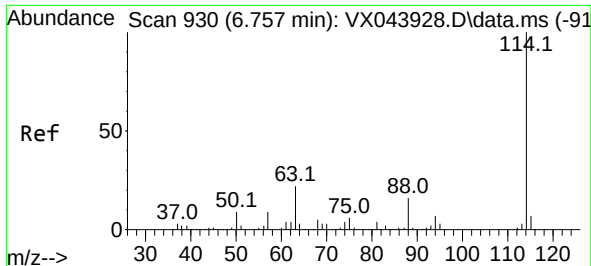
Tgt Ion: 56 Resp: 3345
Ion Ratio Lower Upper
56 100
69 119.0 24.7 37.1#
84 106.4 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 50.510 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

Tgt Ion: 65 Resp: 94710
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8

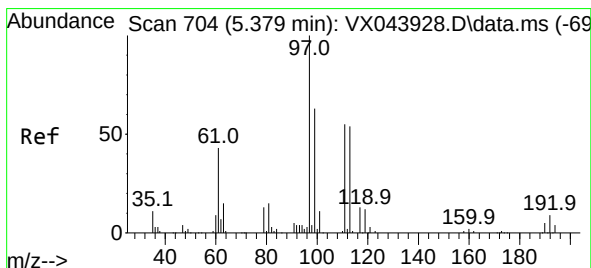
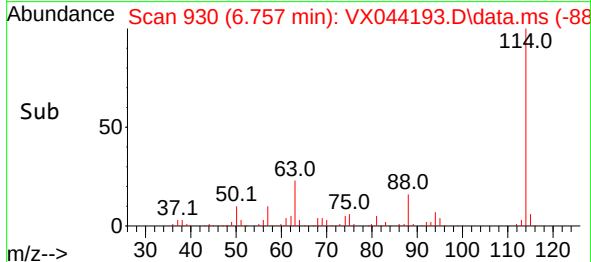
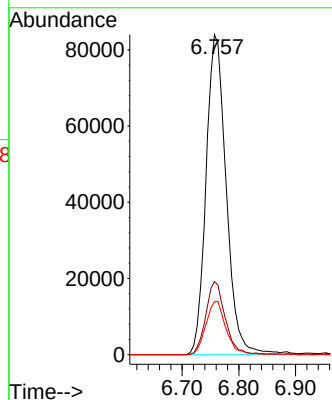
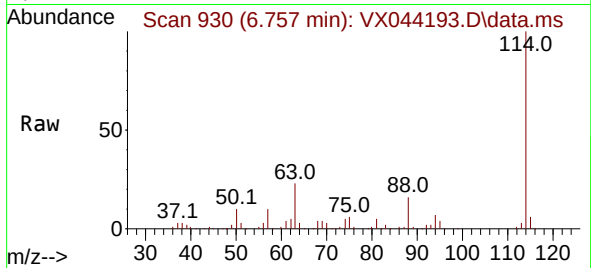




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

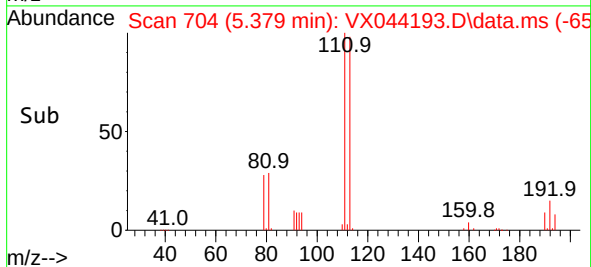
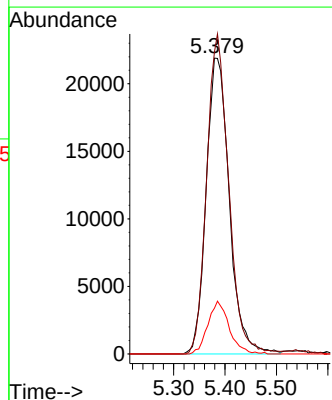
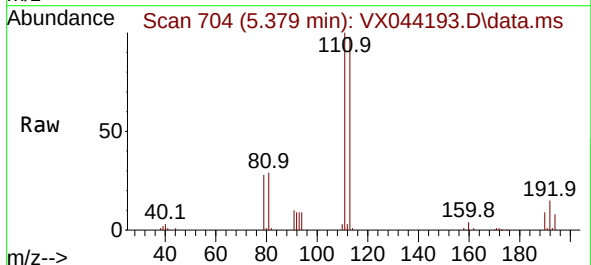
Instrument :
MSVOA_X
ClientSampleId :
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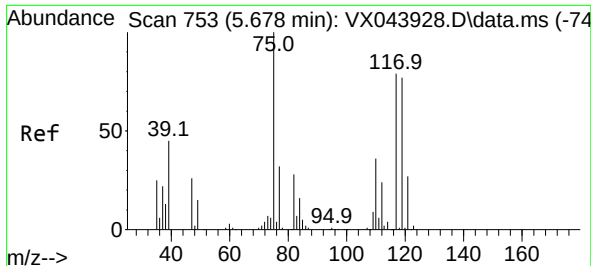
Tgt Ion:114 Resp: 207584
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.0
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.108 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

Tgt Ion:113 Resp: 68391
Ion Ratio Lower Upper
113 100
111 102.8 81.0 121.4
192 16.5 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.806 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX044193.D

Acq: 09 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20241206

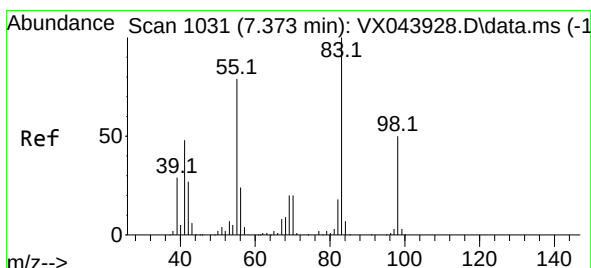
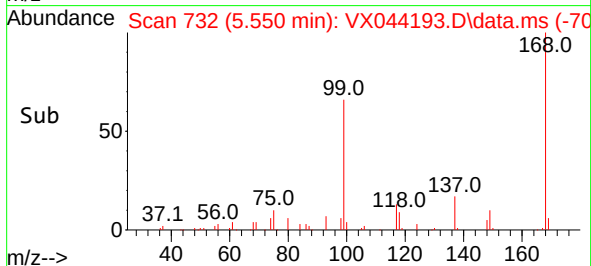
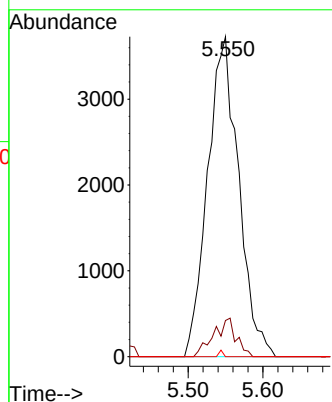
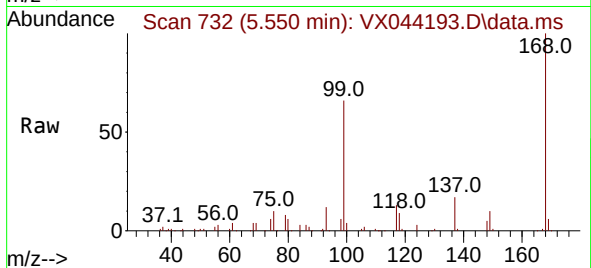
Tgt Ion: 75 Resp: 10732

Ion Ratio Lower Upper

75 100

110 8.8 17.4 52.2#

77 0.3 25.8 38.8#



#39

Methylcyclohexane

Concen: 0.829 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.250 min

Lab File: VX044193.D

Acq: 09 Dec 2024 17:14

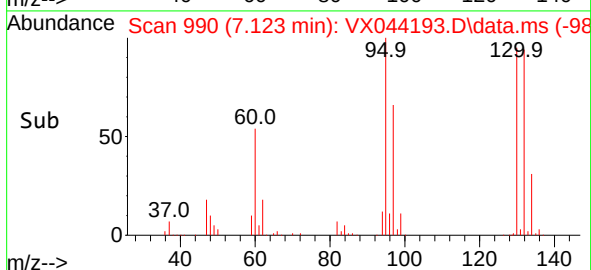
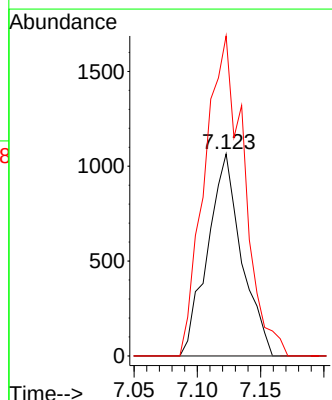
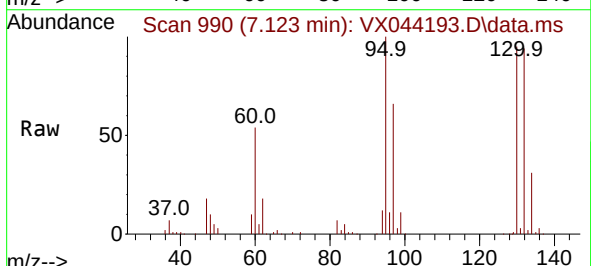
Tgt Ion: 83 Resp: 1991

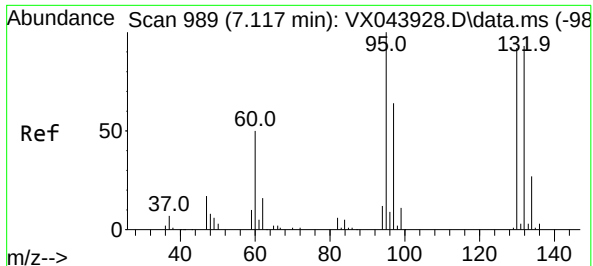
Ion Ratio Lower Upper

83 100

55 0.0 63.1 94.7#

98 158.4 40.0 60.0#

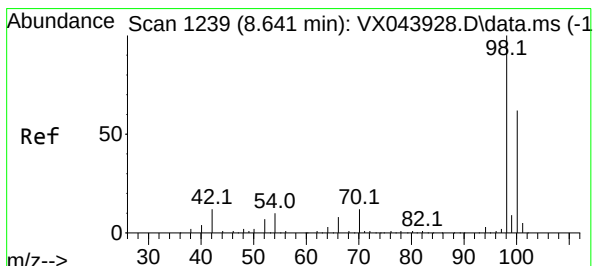
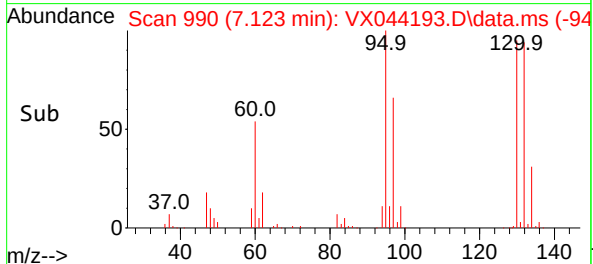
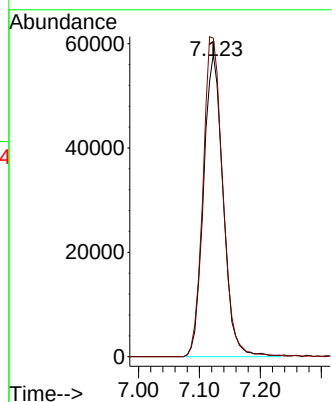
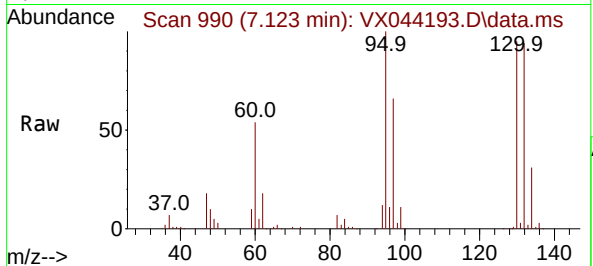




#44
Trichloroethene
Concen: 79.535 ug/l
RT: 7.123 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

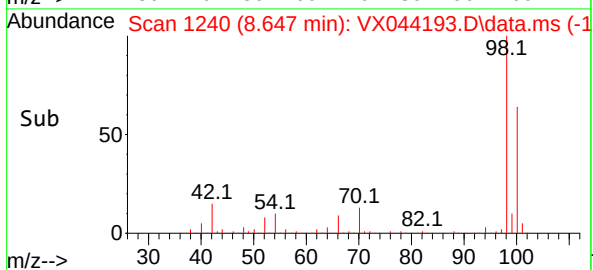
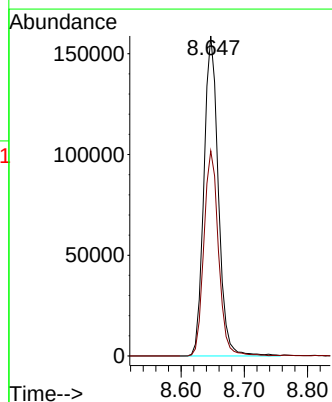
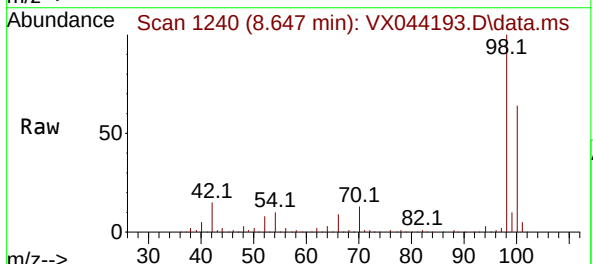
Instrument :
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RE105D2-20241206

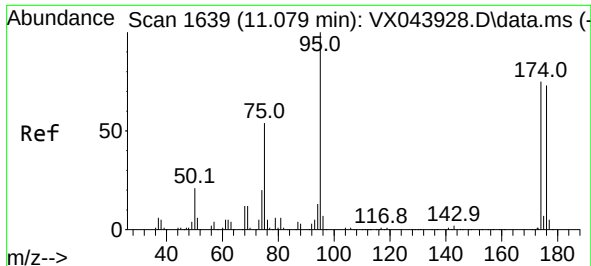
Tgt Ion:130 Resp: 129632
Ion Ratio Lower Upper
130 100
95 105.4 0.0 217.8



#50
Toluene-d8
Concen: 49.455 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

Tgt Ion: 98 Resp: 252866
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0

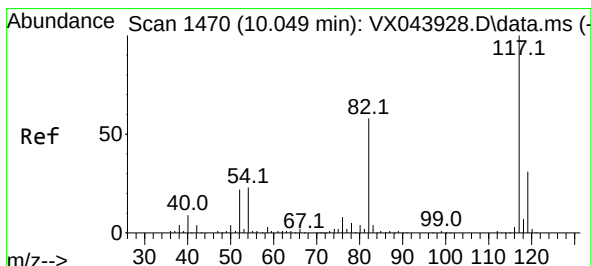
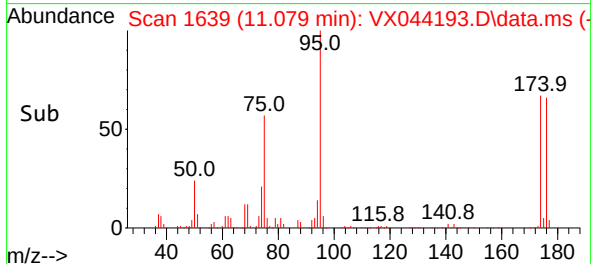
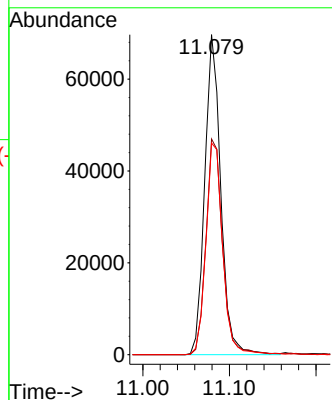
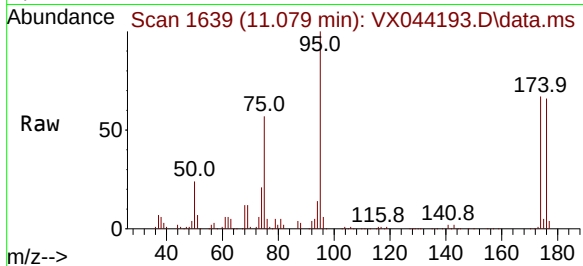




#62
4-Bromofluorobenzene
Concen: 51.479 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

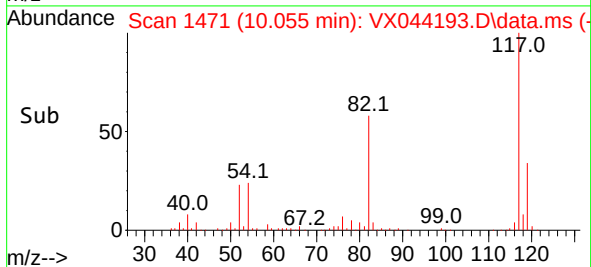
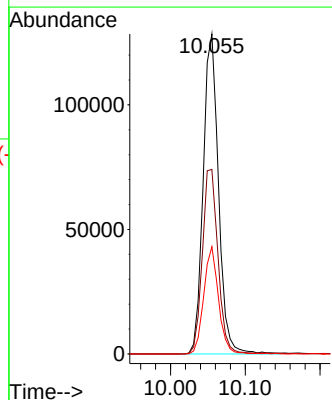
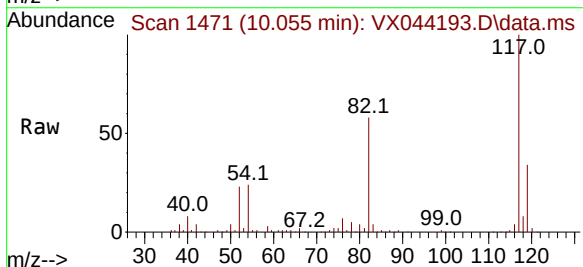
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20241206

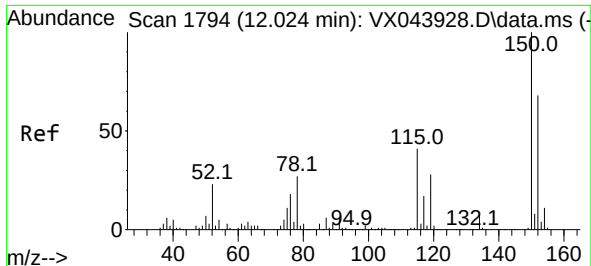
Tgt Ion: 95 Resp: 89579
Ion Ratio Lower Upper
95 100
174 70.5 0.0 150.4
176 69.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044193.D
Acq: 09 Dec 2024 17:14

Tgt Ion: 117 Resp: 182923
Ion Ratio Lower Upper
117 100
82 57.6 46.4 69.6
119 33.5 24.6 37.0

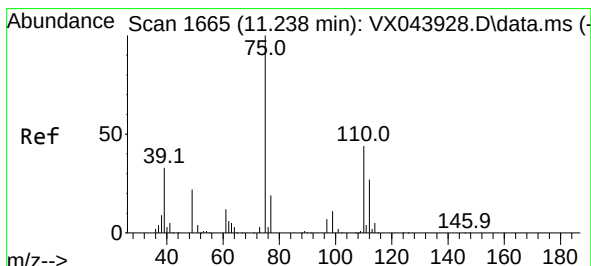
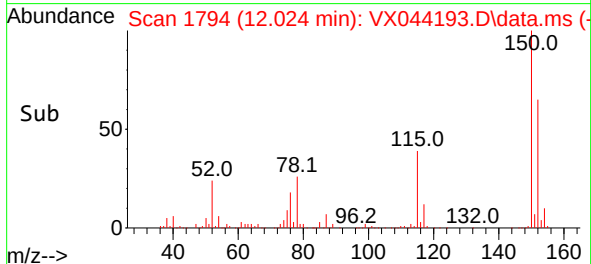
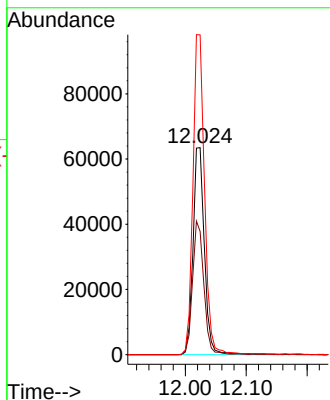
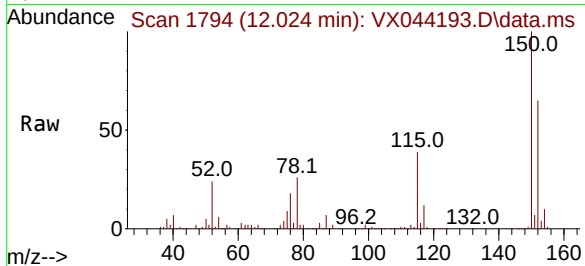




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044193.D
 Acq: 09 Dec 2024 17:14

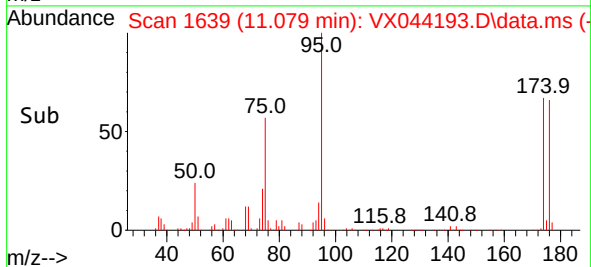
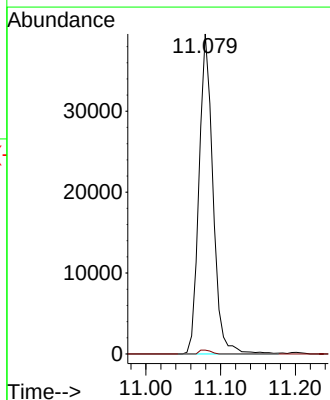
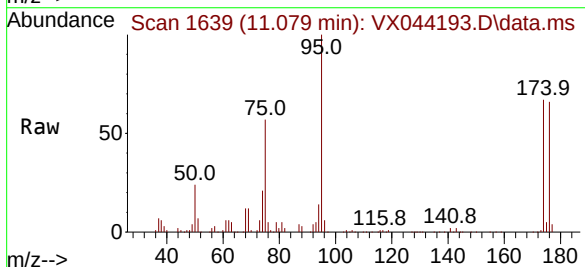
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20241206

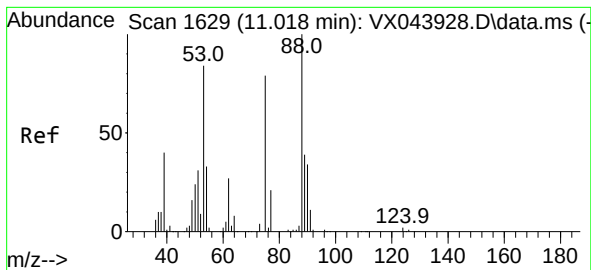
Tgt Ion:152 Resp: 82399
 Ion Ratio Lower Upper
 152 100
 115 63.6 45.4 136.2
 150 157.0 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 28.402 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044193.D
 Acq: 09 Dec 2024 17:14

Tgt Ion: 75 Resp: 51323
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.503 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044193.D
 Acq: 09 Dec 2024 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20241206

Tgt Ion: 75 Resp: 51323
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.0 38.2 57.2#

