

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030337.D
 Acq On : 01 Aug 2022 20:58
 Operator : JC/MD
 Sample : N3861-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INTERCEPTOR-TRENCH

Quant Time: Aug 02 01:58:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

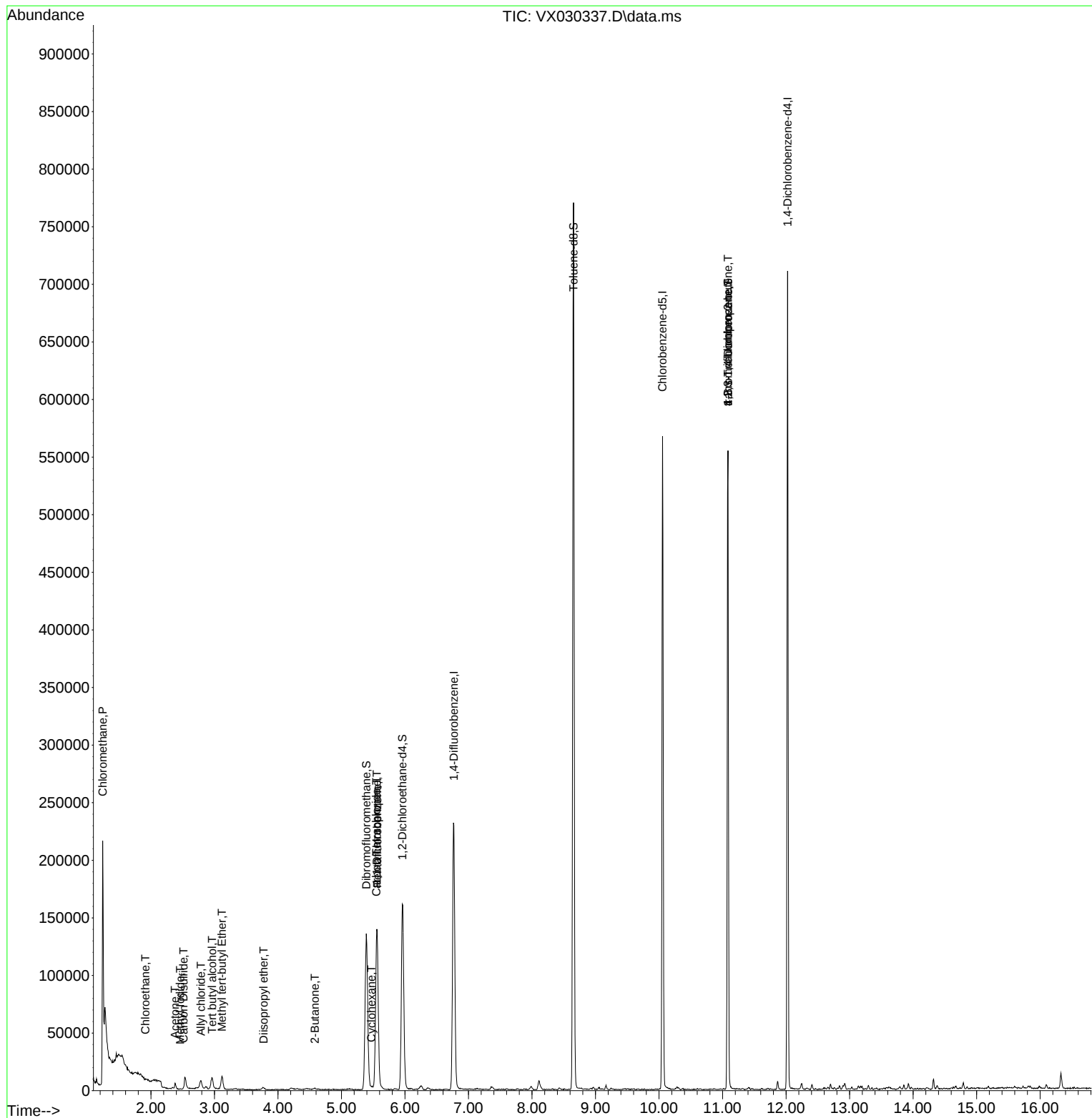
Internal Standards						
1) Pentafluorobenzene	5.562	168	132804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152505	57.133	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.260%	
35) Dibromofluoromethane	5.391	113	120310	51.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.840%	
50) Toluene-d8	8.653	98	453495	50.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	11.085	95	157101	47.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	4101	1.903	ug/l #	42
5) Bromomethane	1.581	94	67	Below Cal	#	2
6) Chloroethane	1.910	64	732	0.586	ug/l #	41
10) Methyl Iodide	2.459	142	348	1.688	ug/l #	77
11) Tert butyl alcohol	2.965	59	10433	16.023	ug/l #	94
14) Allyl chloride	2.788	41	1645	0.384	ug/l #	51
16) Acetone	2.380	43	5077	3.715	ug/l #	82
17) Carbon Disulfide	2.514	76	1154	0.206	ug/l #	78
19) Methyl tert-butyl Ether	3.117	73	11204	1.577	ug/l	96
20) Methylene Chloride	2.782	84	850	Below Cal	#	76
22) Diisopropyl ether	3.776	45	1979	0.244	ug/l #	64
25) 2-Butanone	4.580	43	1281	0.558	ug/l #	76
31) Cyclohexane	5.471	56	1473	0.380	ug/l #	83
36) 1,1-Dichloropropene	5.556	75	11052	3.314	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14024	4.504	ug/l #	18
67) Ethyl Benzene	10.195	91	130	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	79081	21.825	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	79081	65.474	ug/l #	13

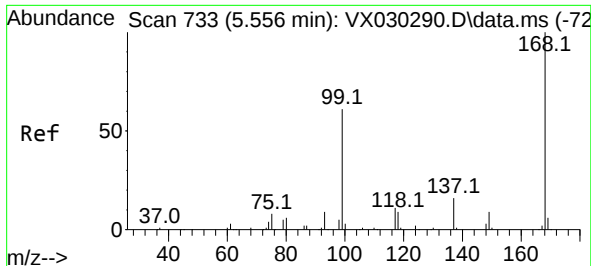
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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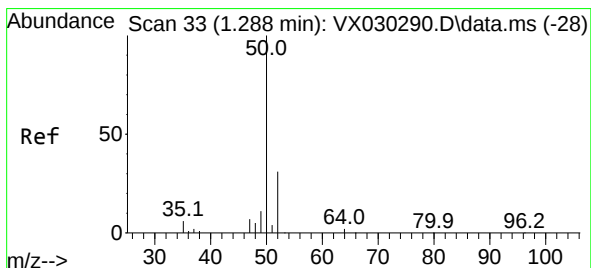
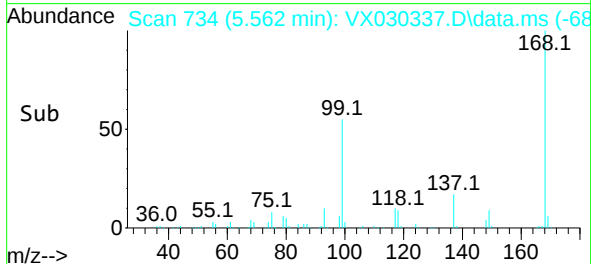
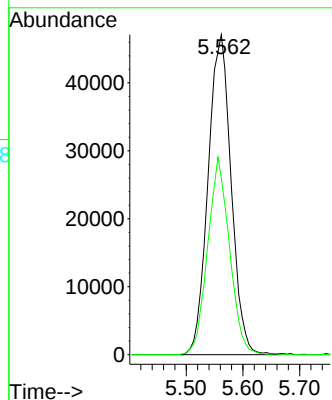
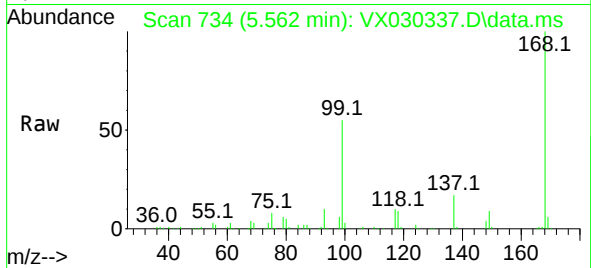




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

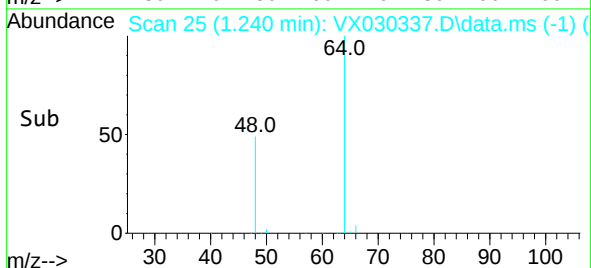
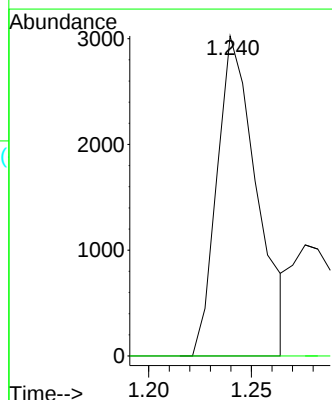
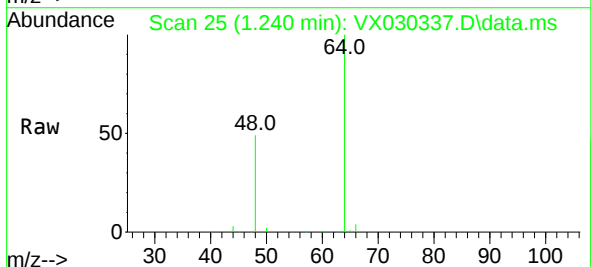
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-TRENCH

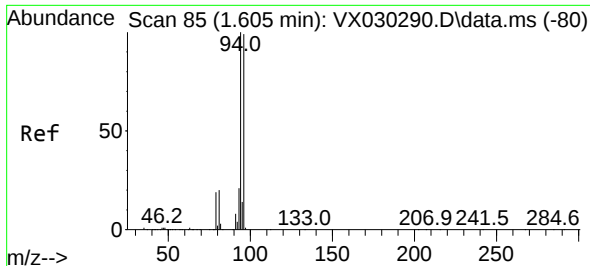
Tgt Ion:168 Resp: 132804
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#3
Chloromethane
Concen: 1.903 ug/l
RT: 1.240 min Scan# 25
Delta R.T. -0.048 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Tgt Ion: 50 Resp: 4101
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

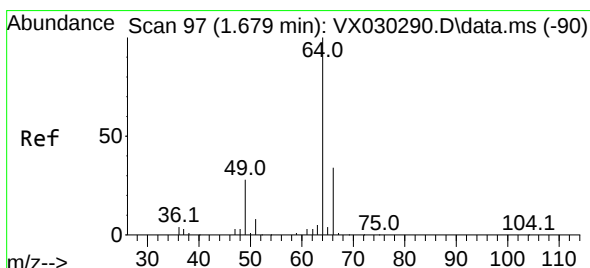
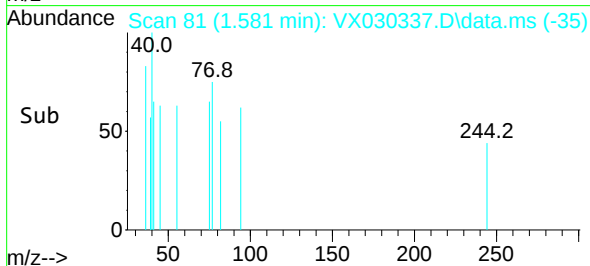
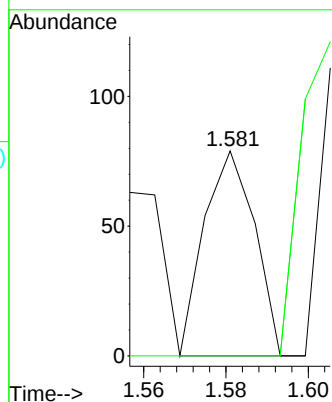
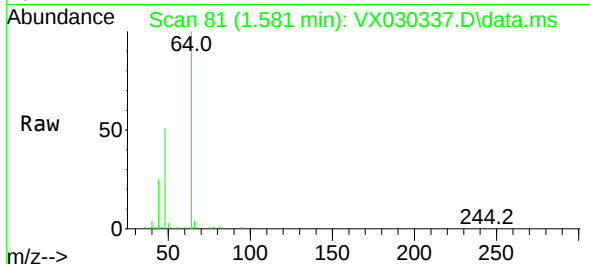




#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

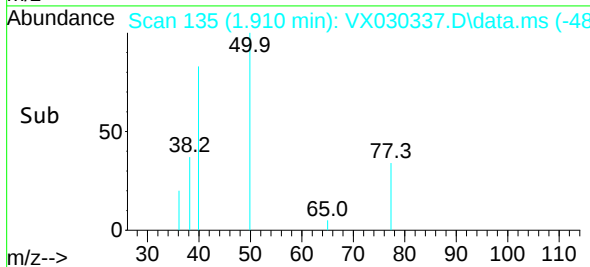
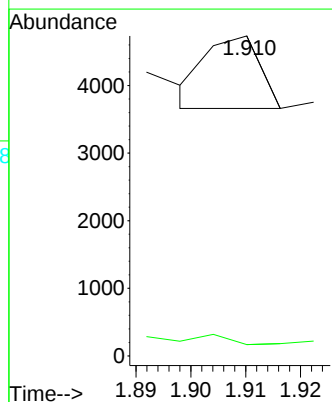
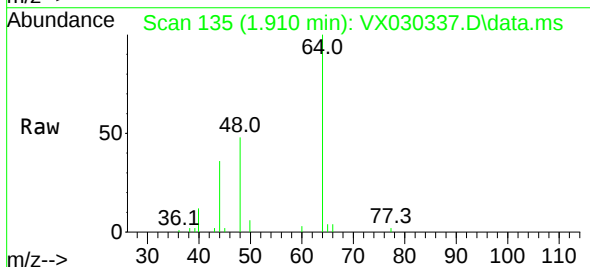
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-TRENCH

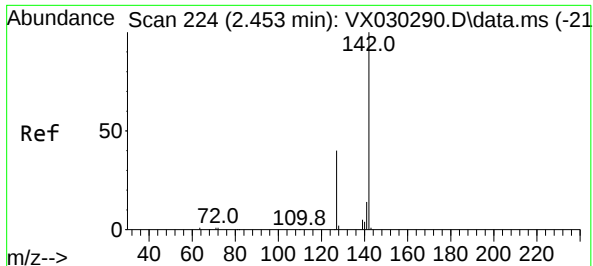
Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#



#6
Chloroethane
Concen: 0.586 ug/l
RT: 1.910 min Scan# 135
Delta R.T. 0.232 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Tgt Ion: 64 Resp: 732
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

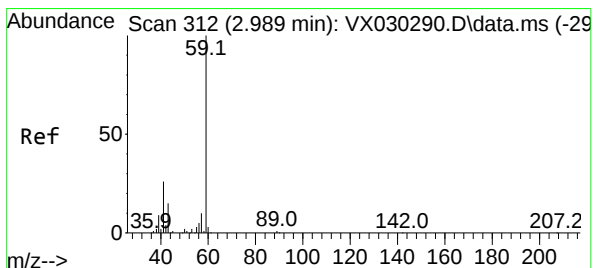
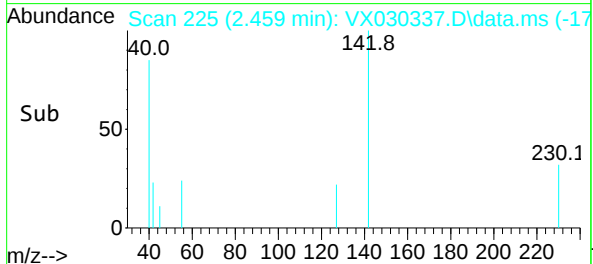
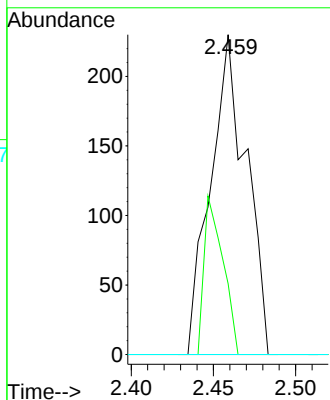
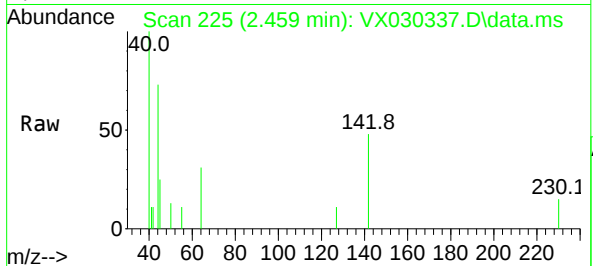




#10
Methyl Iodide
Concen: 1.688 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

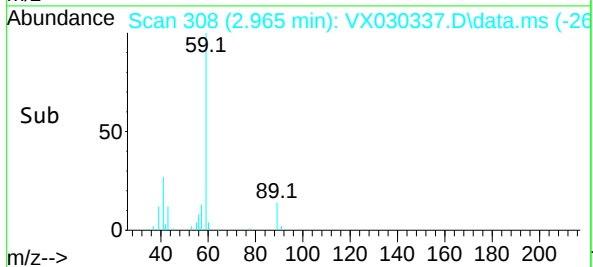
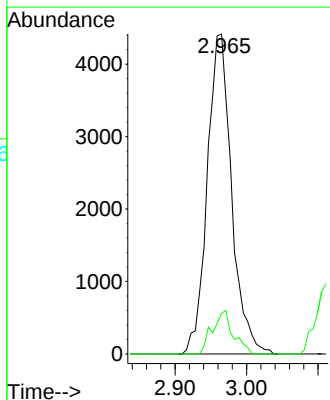
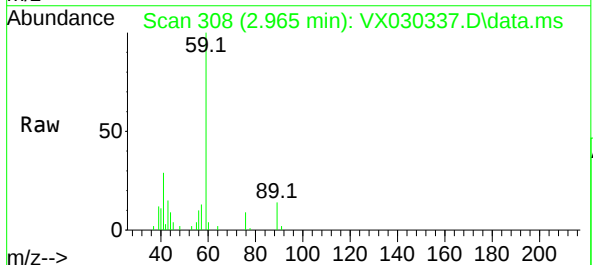
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-TRENCH

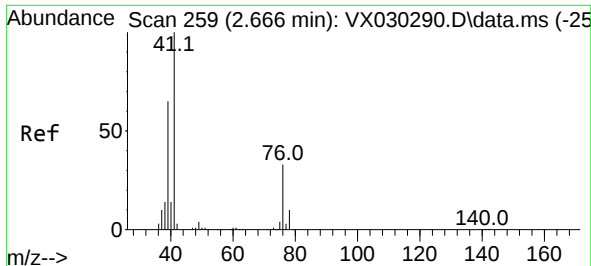
Tgt Ion:142 Resp: 348
Ion Ratio Lower Upper
142 100
127 26.1 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 16.023 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Tgt Ion: 59 Resp: 10433
Ion Ratio Lower Upper
59 100
57 11.6 7.4 11.2#





#14

Allyl chloride

Concen: 0.384 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.122 min

Lab File: VX030337.D

Acq: 01 Aug 2022 20:58

Instrument :

MSVOA_X

ClientSampleId :

INTERCEPTOR-TRENCH

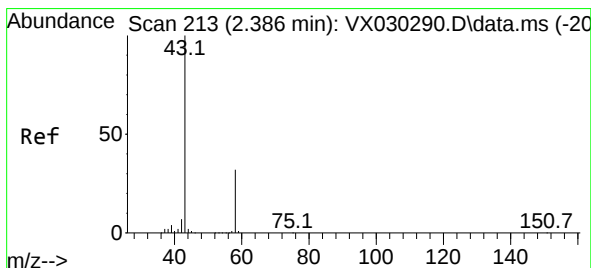
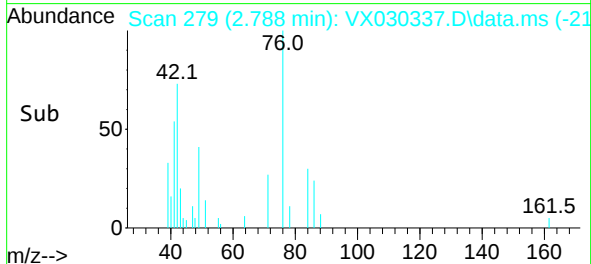
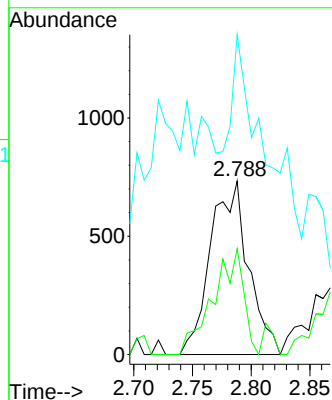
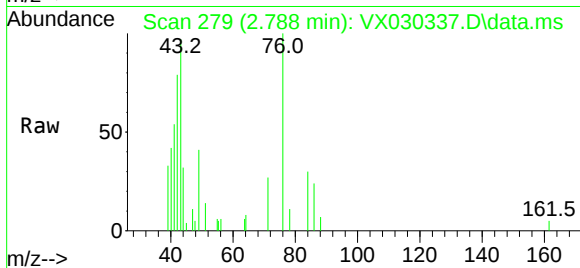
Tgt Ion: 41 Resp: 1645

Ion Ratio Lower Upper

41 100

39 49.3 48.9 73.3

76 95.8 26.9 40.3#



#16

Acetone

Concen: 3.715 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.005 min

Lab File: VX030337.D

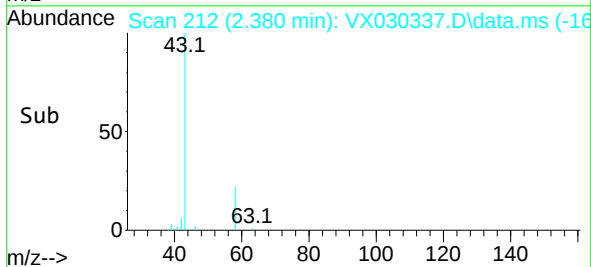
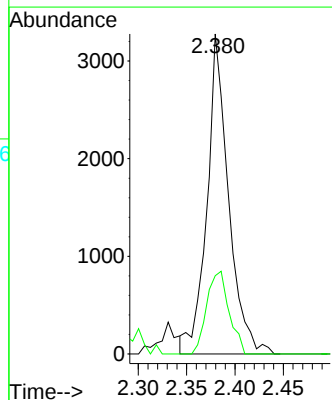
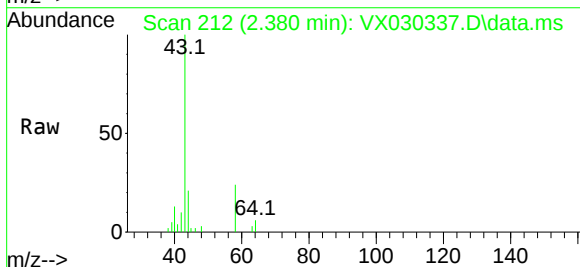
Acq: 01 Aug 2022 20:58

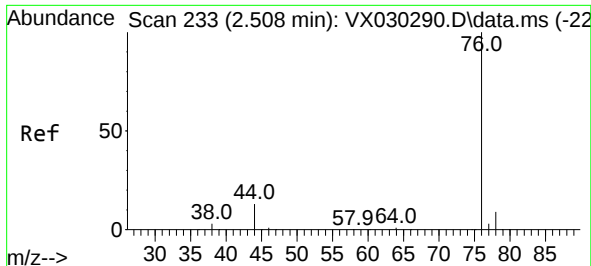
Tgt Ion: 43 Resp: 5077

Ion Ratio Lower Upper

43 100

58 24.5 27.7 41.5#

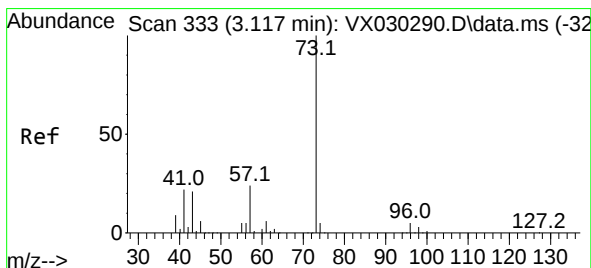
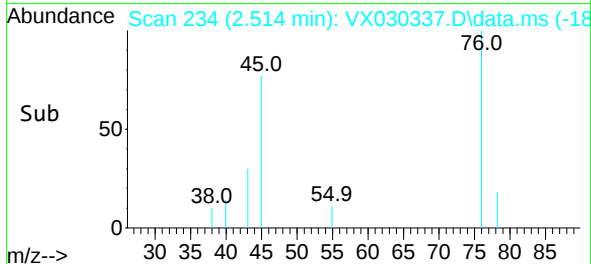
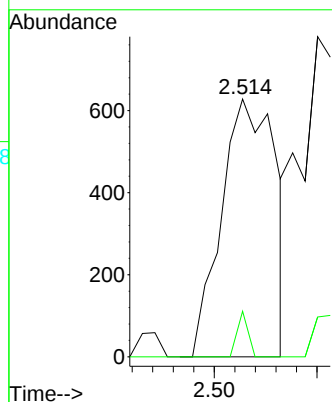
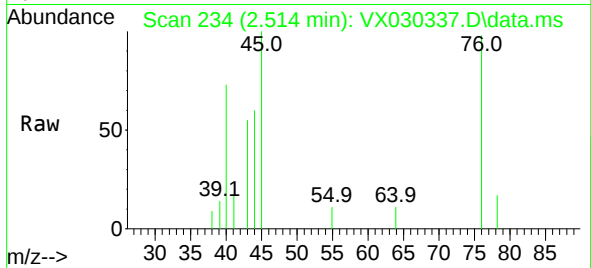




#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

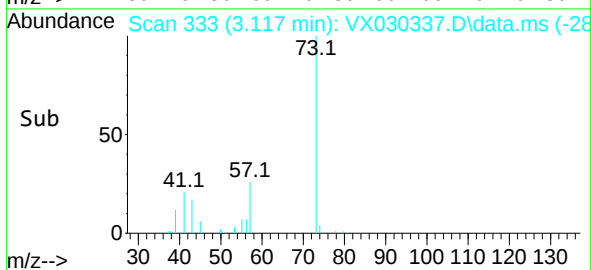
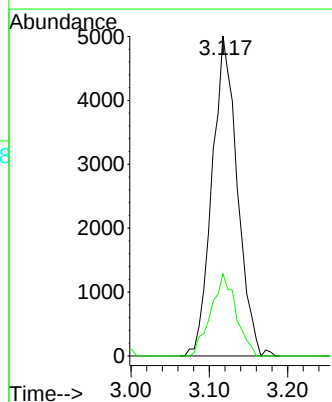
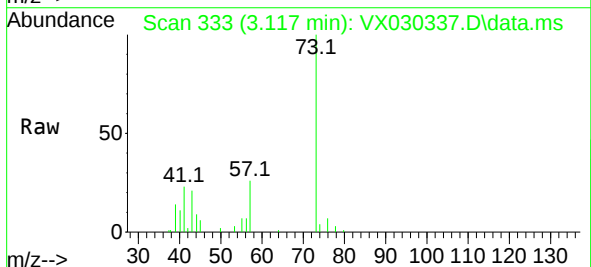
Instrument :
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INTERCEPTOR-TRENCH

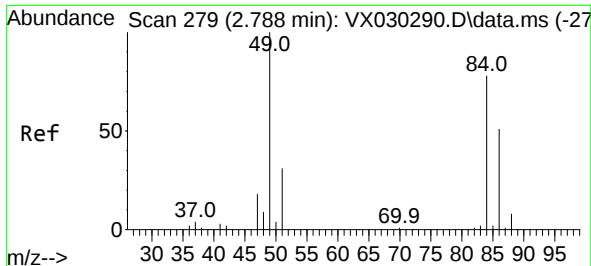
Tgt Ion: 76 Resp: 1154
Ion Ratio Lower Upper
76 100
78 17.7 7.8 11.6#



#19
Methyl tert-butyl Ether
Concen: 1.577 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Tgt Ion: 73 Resp: 11204
Ion Ratio Lower Upper
73 100
57 25.7 19.0 28.6





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030337.D

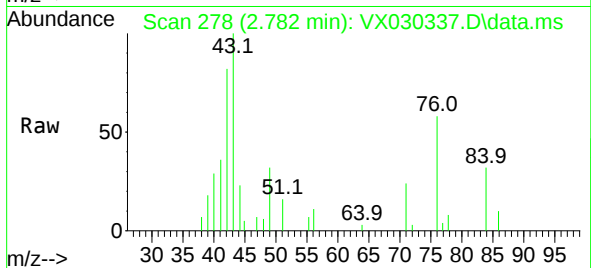
Acq: 01 Aug 2022 20:58

Instrument :

MSVOA_X

ClientSampleId :

INTERCEPTOR-TRENCH



Tgt Ion: 84 Resp: 850

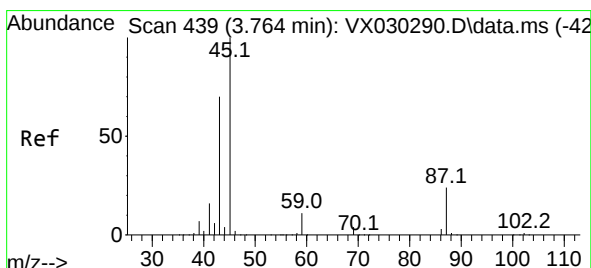
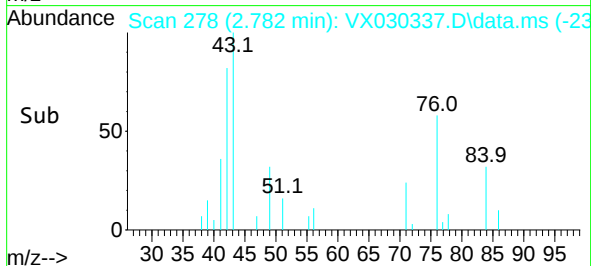
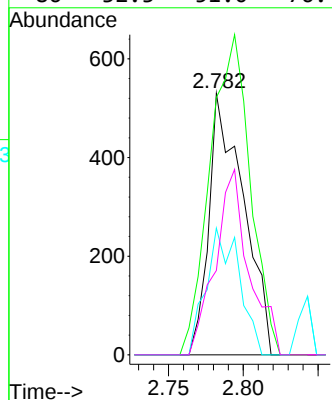
Ion Ratio Lower Upper

84 100

49 98.5 93.8 140.6

51 48.5 29.4 44.0#

86 32.3 51.0 76.4#



#22

Diisopropyl ether

Concen: 0.244 ug/l

RT: 3.776 min Scan# 441

Delta R.T. 0.007 min

Lab File: VX030337.D

Acq: 01 Aug 2022 20:58

Tgt Ion: 45 Resp: 1979

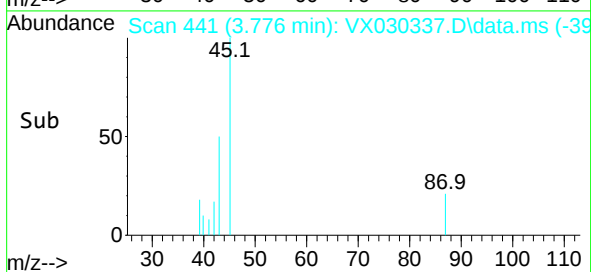
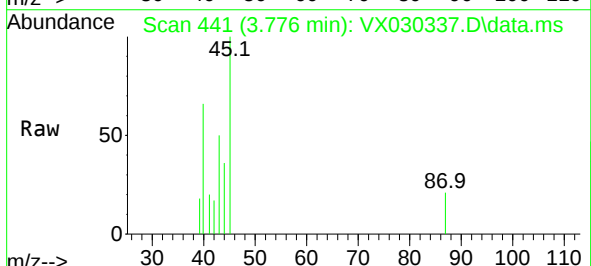
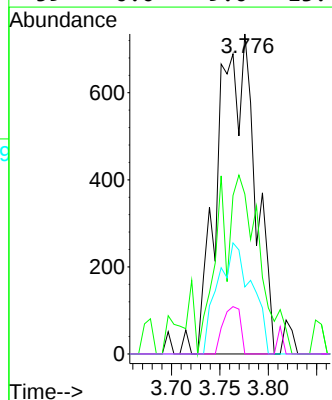
Ion Ratio Lower Upper

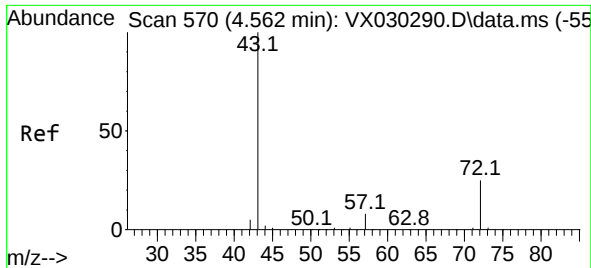
45 100

43 41.2 65.4 98.0#

87 21.0 22.3 33.5#

59 0.0 9.0 13.4#

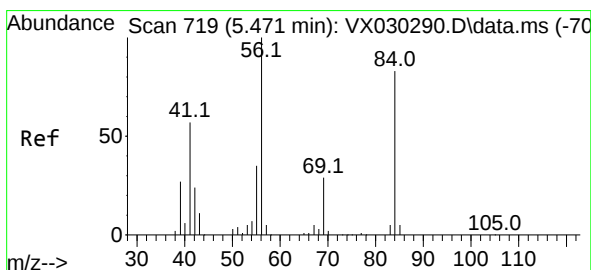
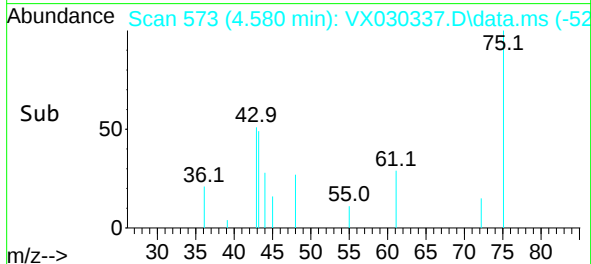
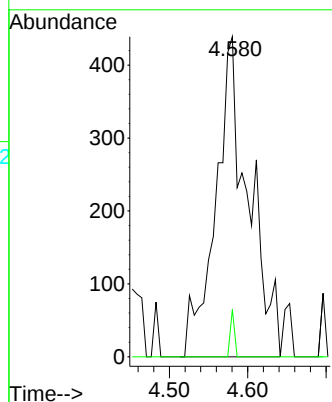
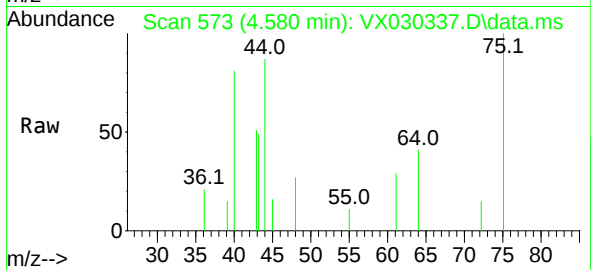




#25
2-Butanone
Concen: 0.558 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

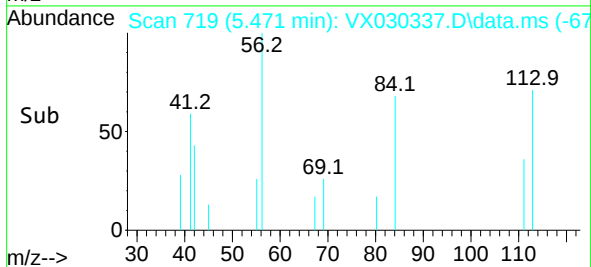
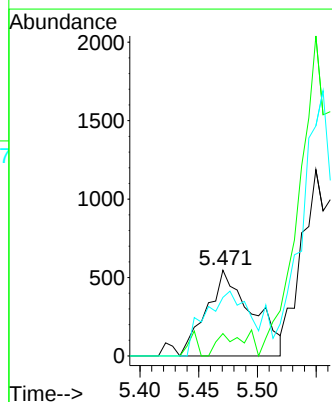
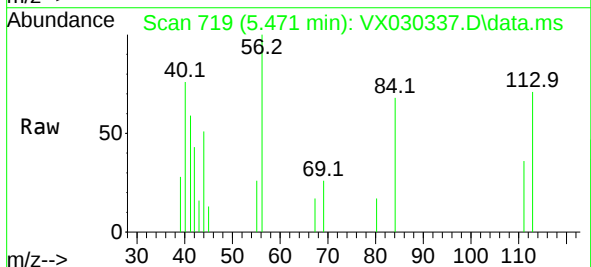
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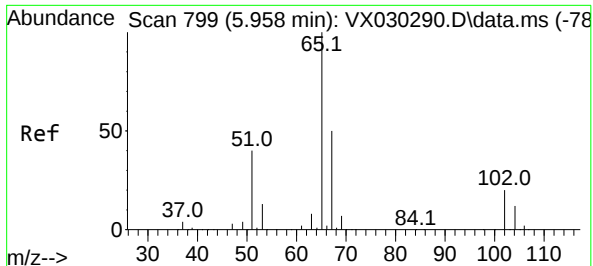
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
72 14.8 21.7 32.5#



#31
Cyclohexane
Concen: 0.380 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Tgt Ion: 56 Resp: 1473
Ion Ratio Lower Upper
56 100
69 26.1 25.4 38.0
84 68.4 68.9 103.3#

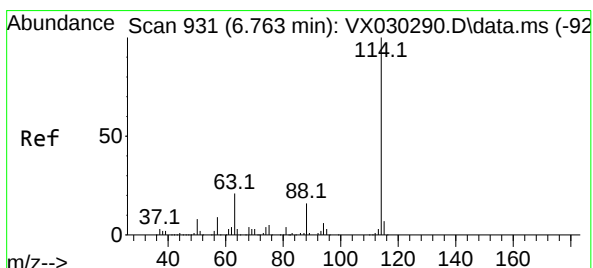
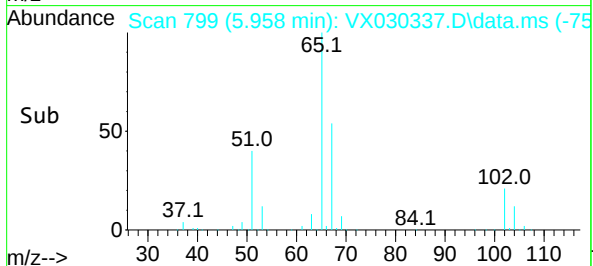
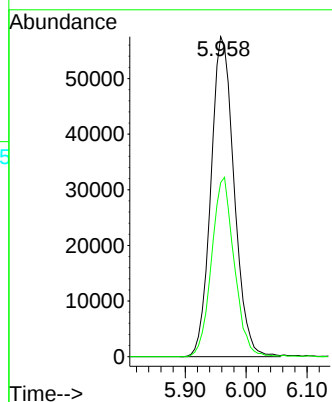
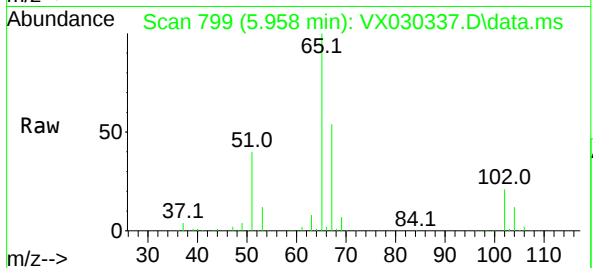




#33
1,2-Dichloroethane-d4
Concen: 57.133 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

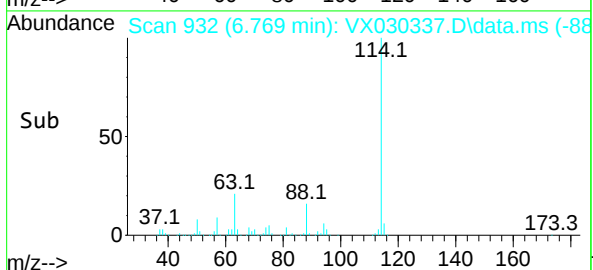
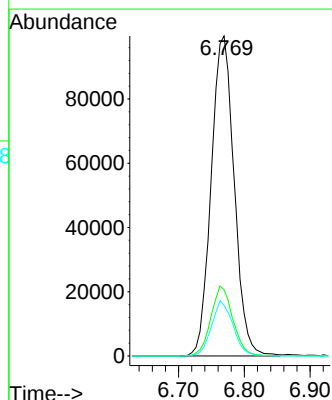
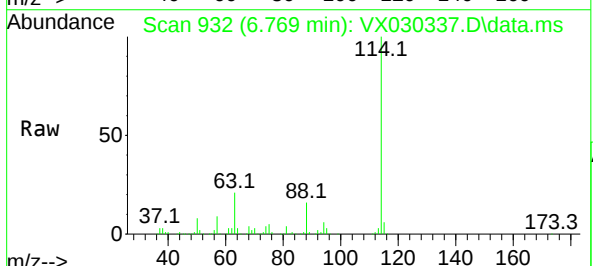
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-TRENCH

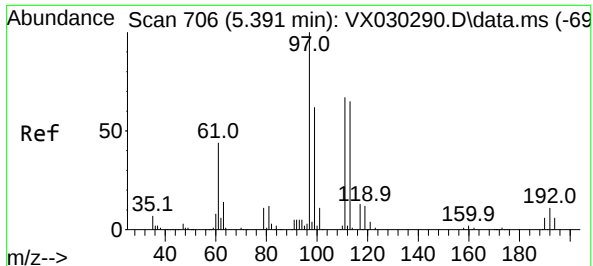
Tgt Ion: 65 Resp: 152505
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Tgt Ion: 114 Resp: 242419
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.4
88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.916 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030337.D

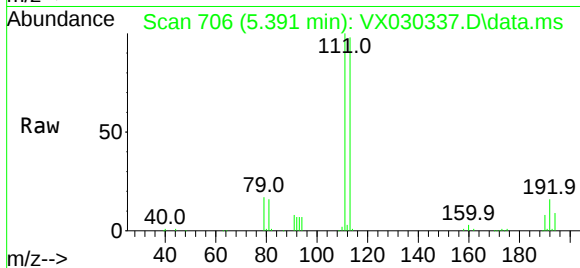
Acq: 01 Aug 2022 20:58

Instrument :

MSVOA_X

ClientSampleId :

INTERCEPTOR-TRENCH



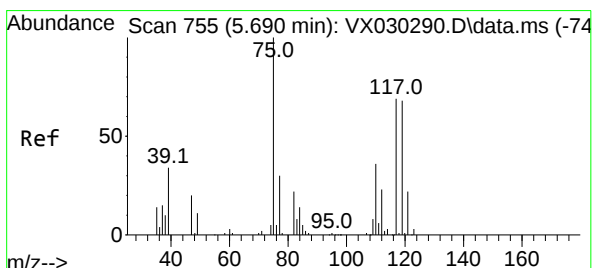
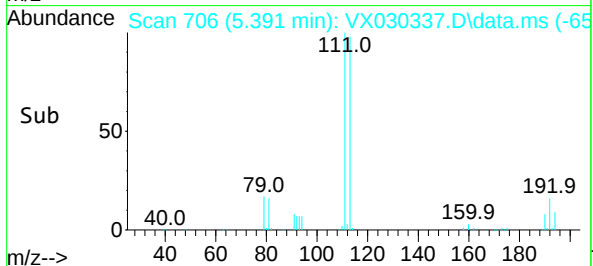
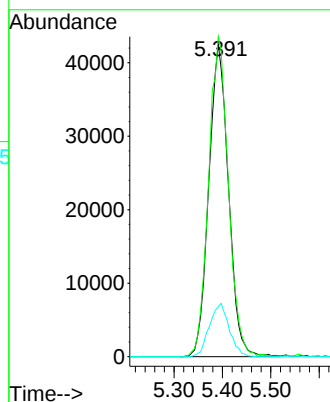
Tgt Ion:113 Resp: 120310

Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

192 17.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.314 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030337.D

Acq: 01 Aug 2022 20:58

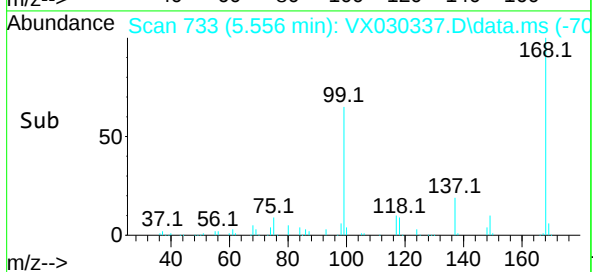
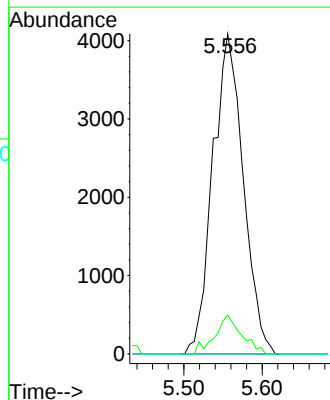
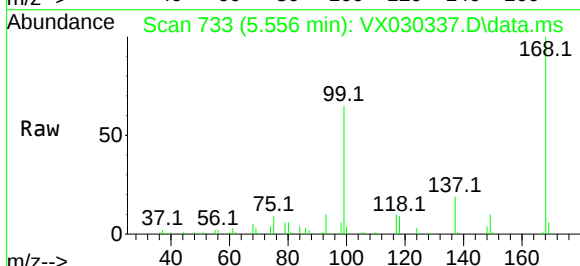
Tgt Ion: 75 Resp: 11052

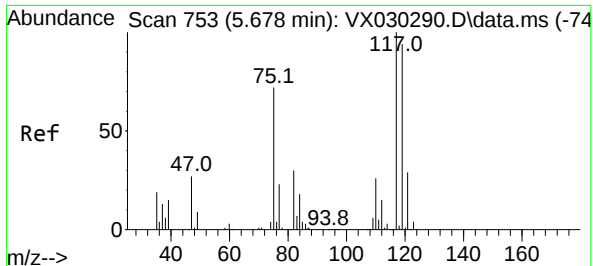
Ion Ratio Lower Upper

75 100

110 10.6 19.3 57.9#

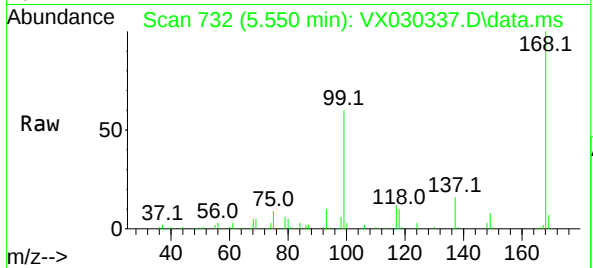
77 0.0 24.4 36.6#



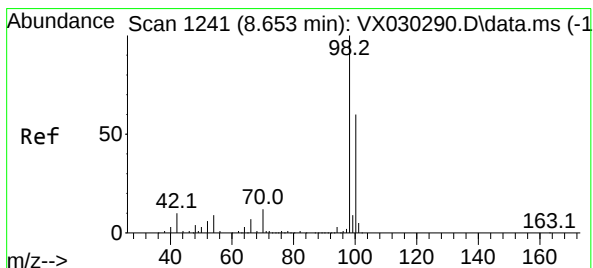
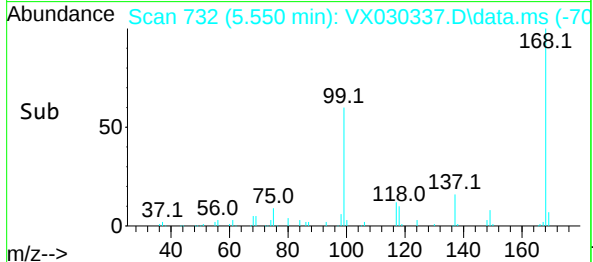
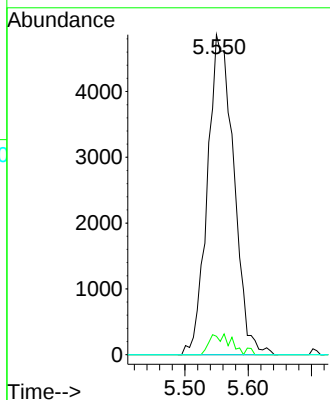


#38
Carbon Tetrachloride
Concen: 4.504 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-TRENCH

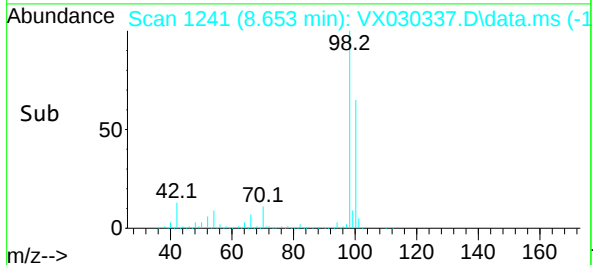
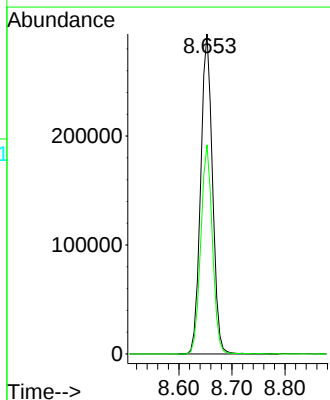
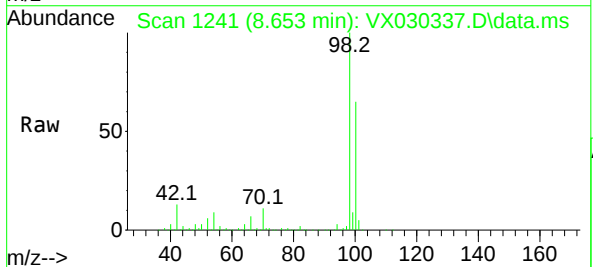


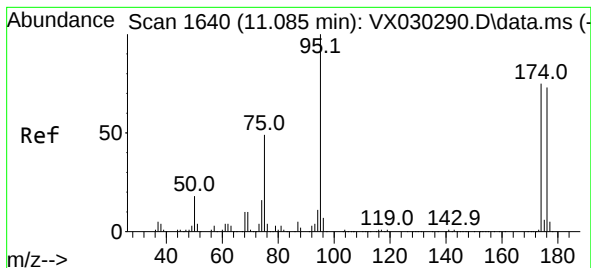
Tgt Ion:117 Resp: 14024
Ion Ratio Lower Upper
117 100
119 5.7 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 50.532 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Tgt Ion: 98 Resp: 453495
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

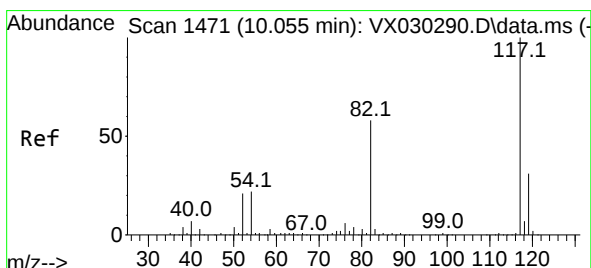
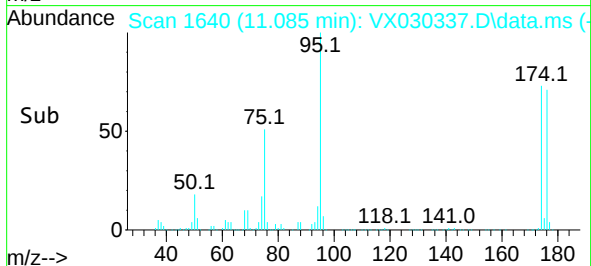
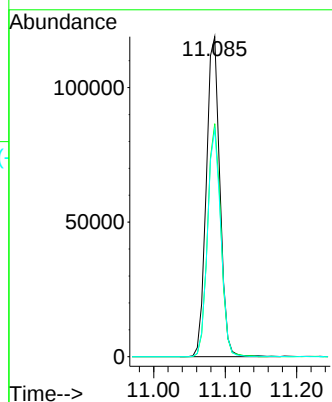
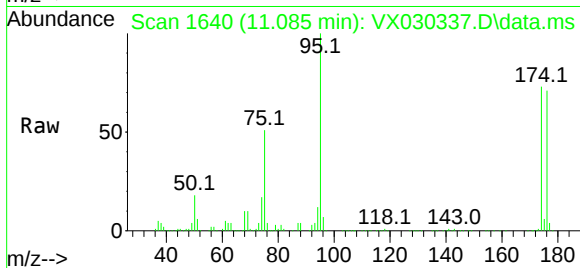




#62
4-Bromofluorobenzene
Concen: 47.168 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

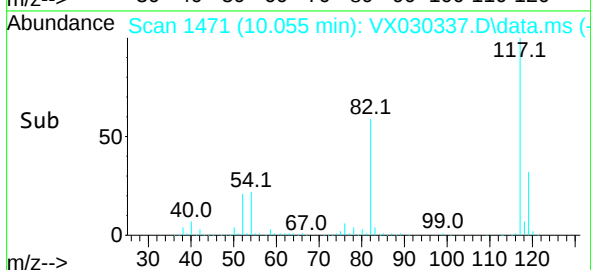
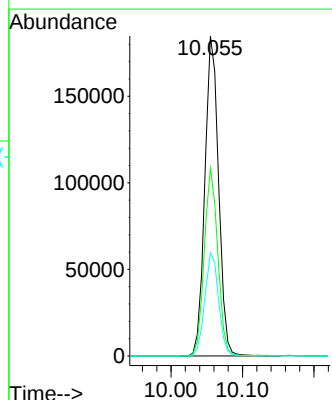
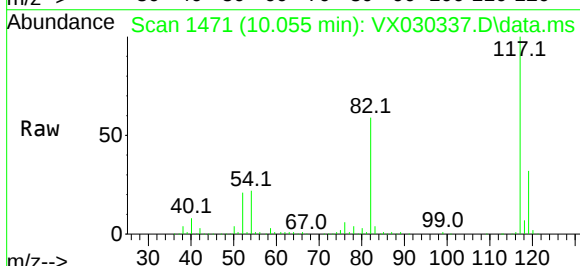
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-TRENCH

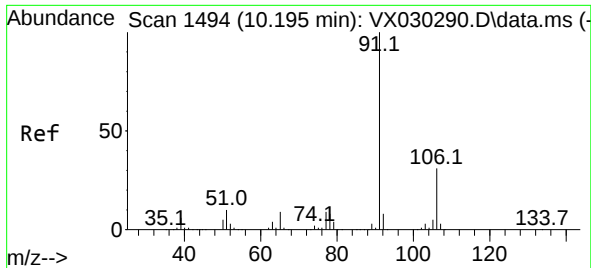
Tgt Ion: 95 Resp: 157101
Ion Ratio Lower Upper
95 100
174 70.7 0.0 149.0
176 69.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Tgt Ion: 117 Resp: 246778
Ion Ratio Lower Upper
117 100
82 58.8 42.7 64.1
119 32.2 25.4 38.2

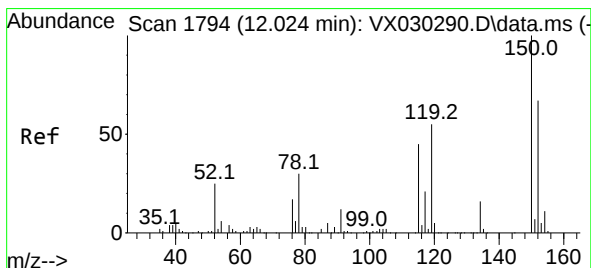
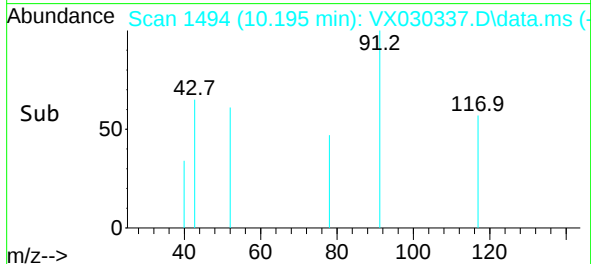
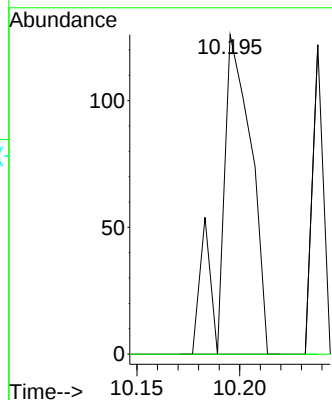
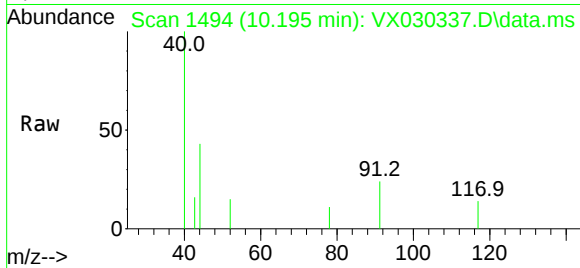




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

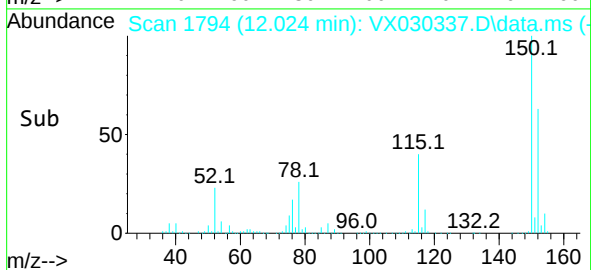
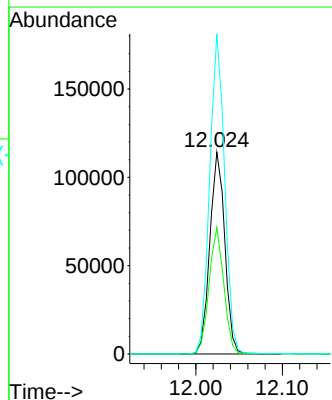
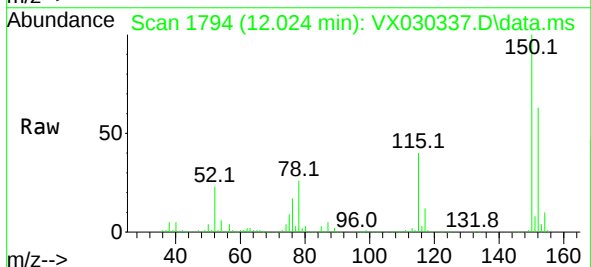
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-TRENCH

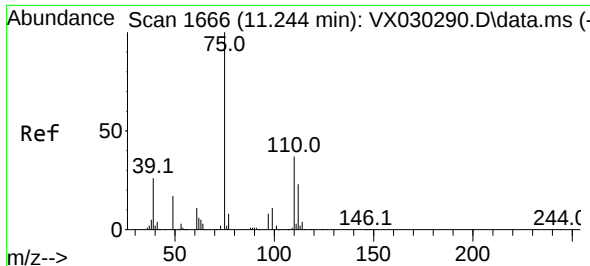
Tgt Ion: 91 Resp: 130
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Tgt Ion: 152 Resp: 137460
Ion Ratio Lower Upper
152 100
115 61.8 40.5 121.5
150 157.6 0.0 347.0

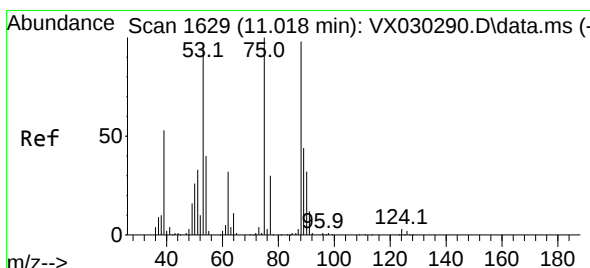
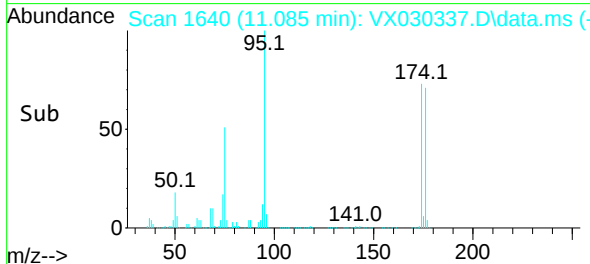
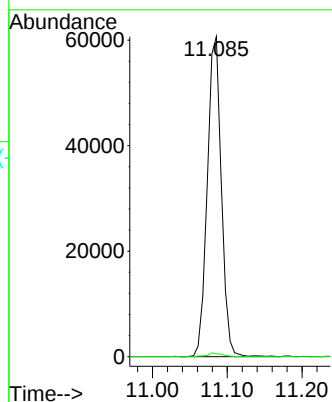
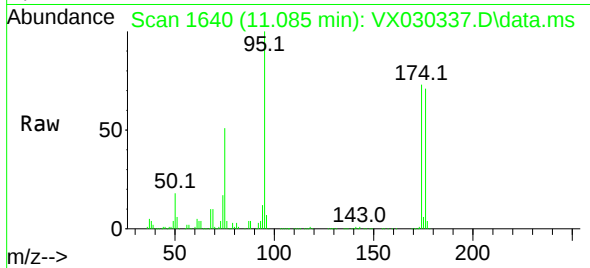




#76
1,2,3-Trichloropropane
Concen: 21.825 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-TRENCH

Tgt Ion: 75 Resp: 79081
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.474 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030337.D
Acq: 01 Aug 2022 20:58

Tgt Ion: 75 Resp: 79081
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

