

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007729.D
 Acq On : 04 Mar 2022 02:07
 Operator : SY/MD
 Sample : N1730-08
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15-16-SAMPLE-LOCATION-8

Quant Time: Mar 04 07:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

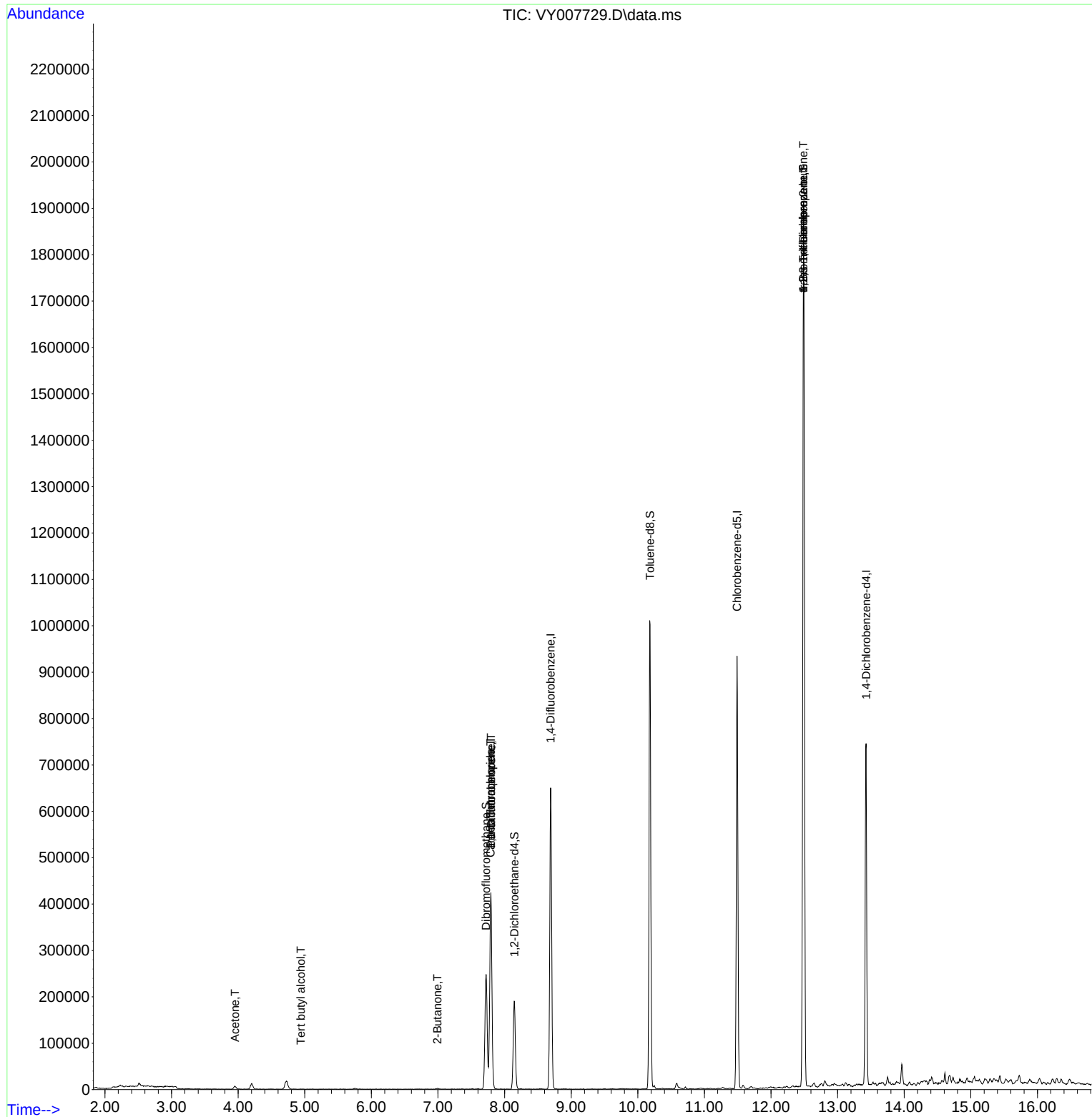
Internal Standards						
1) Pentafluorobenzene	7.795	168	343039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	568340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	505298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	147504	41.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.140%
35) Dibromofluoromethane	7.722	113	171128	47.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.185	98	683314	51.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.483	95	193747	44.937	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	64	Below Cal	#	43
3) Chloromethane	2.125	50	799	Below Cal	#	50
11) Tert butyl alcohol	4.942	59	473	1.521	ug/l #	77
13) Acrolein	3.589	56	23	Below Cal	#	14
16) Acetone	3.954	43	10206	13.970	ug/l	94
17) Carbon Disulfide	4.204	76	23023	Below Cal	#	94
18) Methyl Acetate	4.485	43	279	Below Cal		95
20) Methylene Chloride	4.729	84	13424	Below Cal	#	72
25) 2-Butanone	6.990	43	1703	1.390	ug/l #	83
31) Cyclohexane	7.789	56	7316	Below Cal	#	7
36) 1,1-Dichloropropene	7.795	75	24499	4.286	ug/l #	51
38) Carbon Tetrachloride	7.789	117	32794	5.378	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	117866	55.233	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	117866	112.916	ug/l #	9

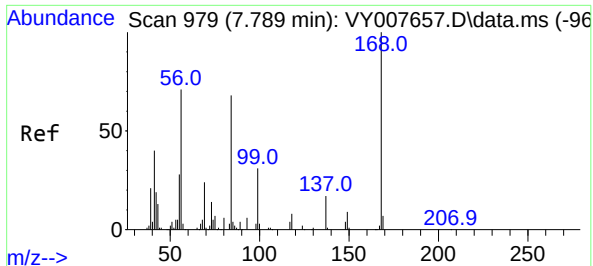
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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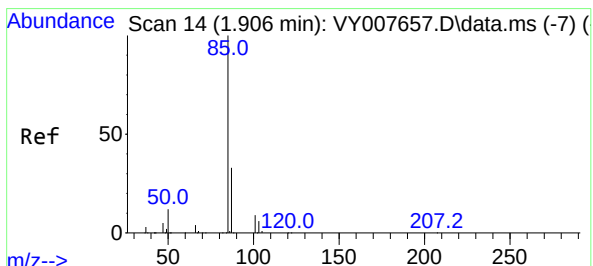
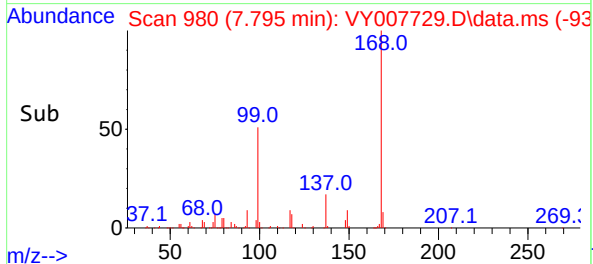
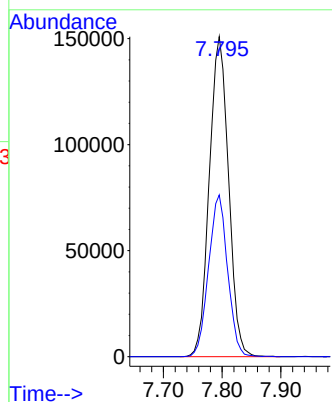
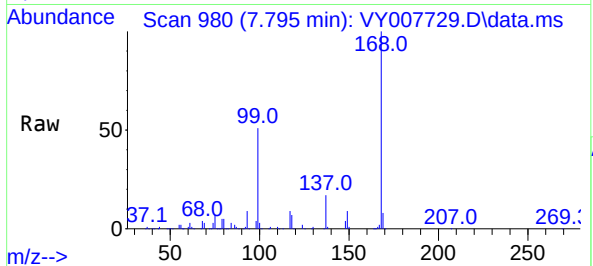




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

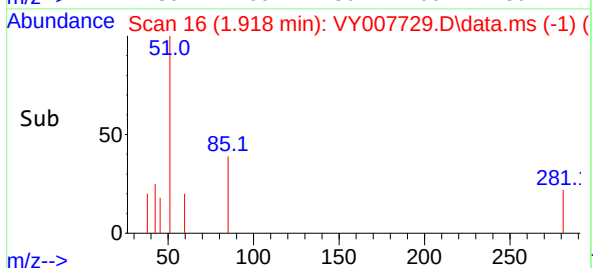
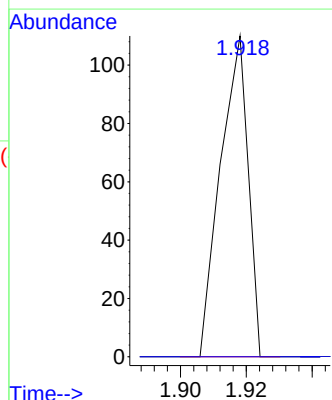
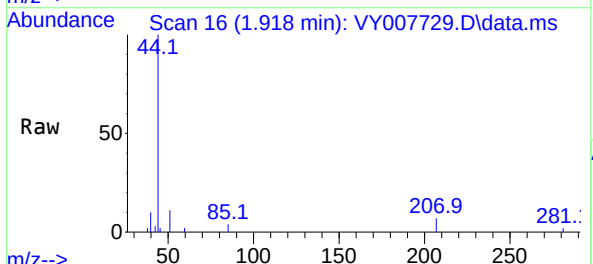
Instrument :
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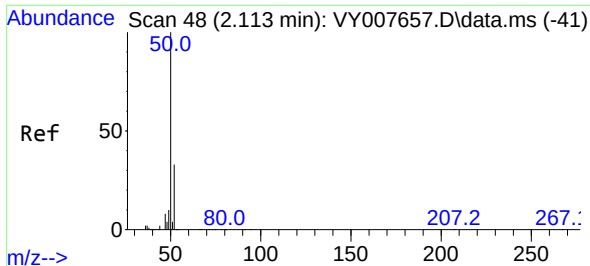
Tgt Ion:168 Resp: 343039
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

Tgt Ion: 85 Resp: 64
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

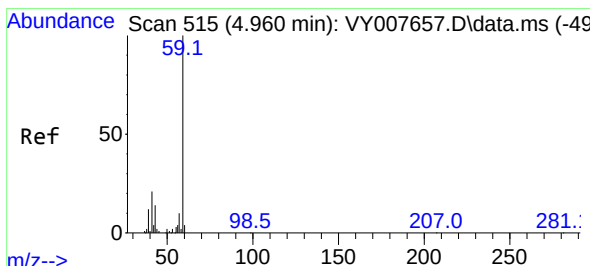
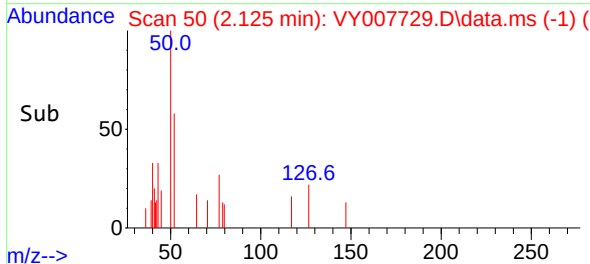
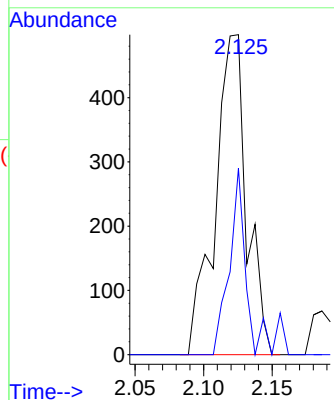
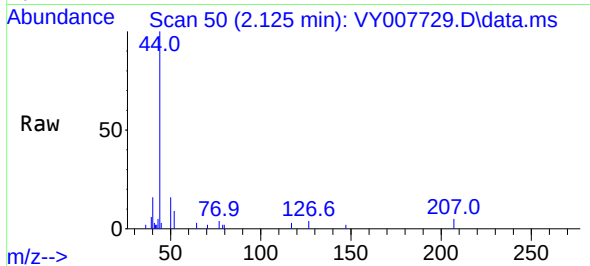




#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

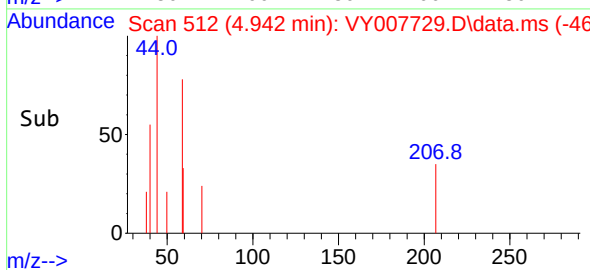
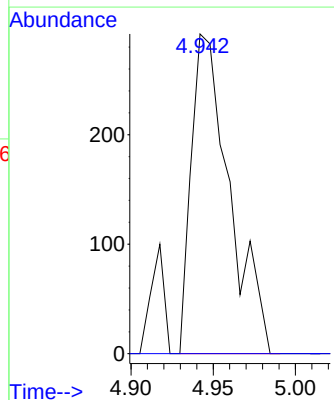
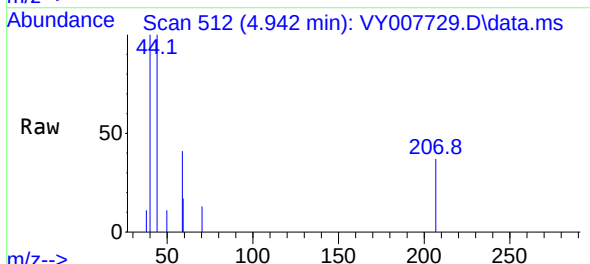
Instrument :
MSVOA_Y
ClientSampleId :
15-16-SAMPLE-LOCATION-8

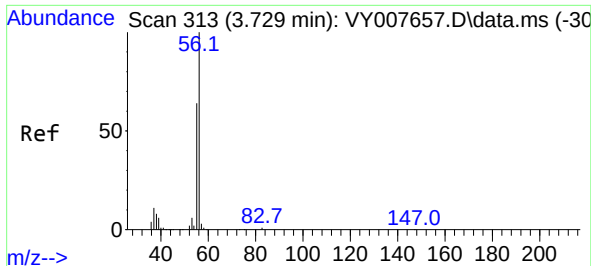
Tgt Ion: 50 Resp: 799
Ion Ratio Lower Upper
50 100
52 58.2 24.6 37.0#



#11
Tert butyl alcohol
Concen: 1.521 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

Tgt Ion: 59 Resp: 473
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

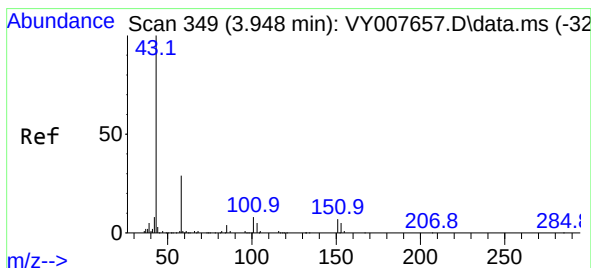
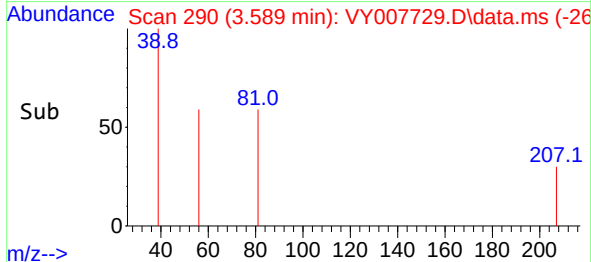
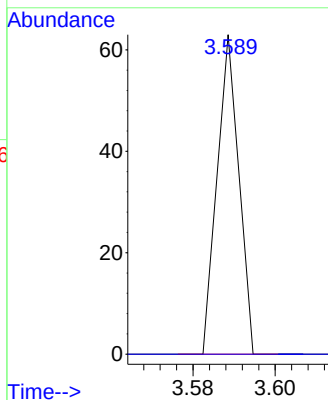
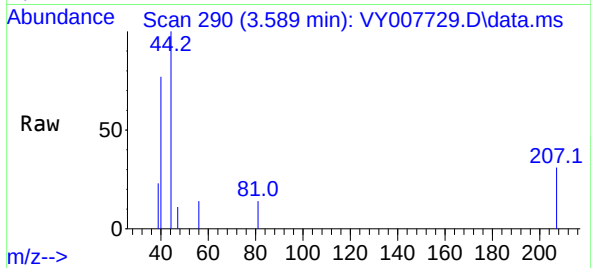




#13
Acrolein
Concen: Below Cal
RT: 3.589 min Scan# 29
Delta R.T. -0.140 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

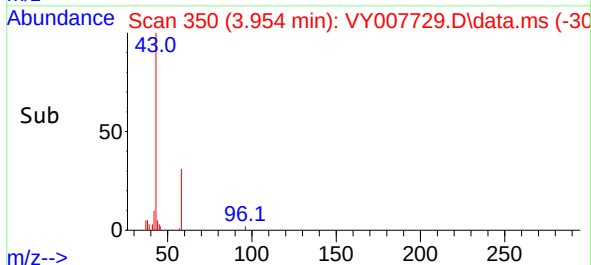
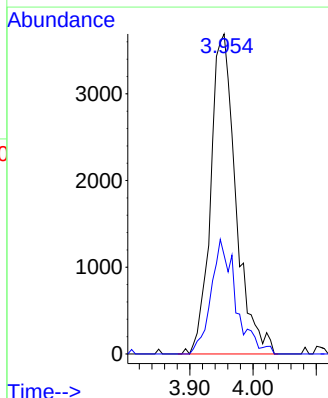
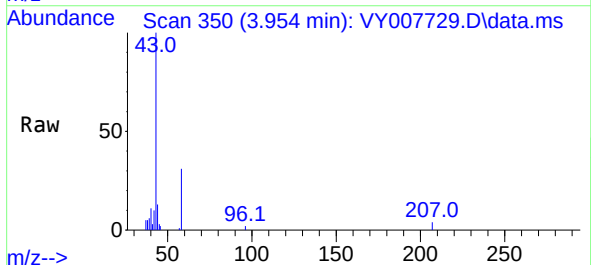
Instrument :
MSVOA_Y
ClientSampleId :
15-16-SAMPLE-LOCATION-8

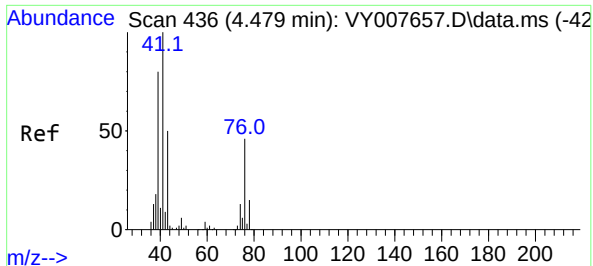
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 13.970 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

Tgt Ion: 43 Resp: 10206
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007729.D

Acq: 04 Mar 2022 02:07

Instrument :

MSVOA_Y

ClientSampleId :

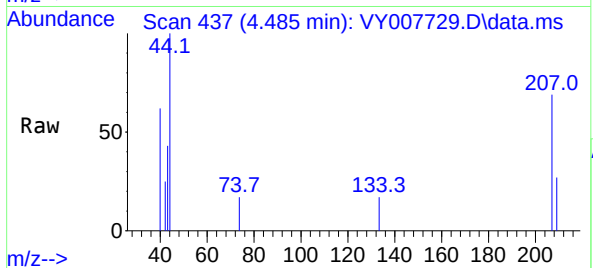
15-16-SAMPLE-LOCATION-8

Tgt Ion: 43 Resp: 279

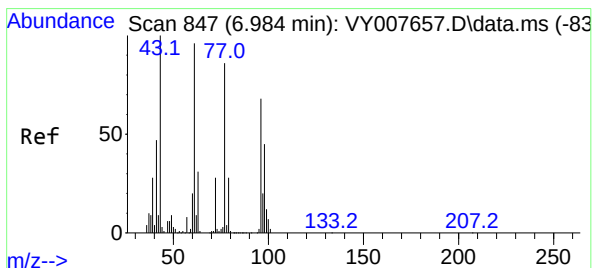
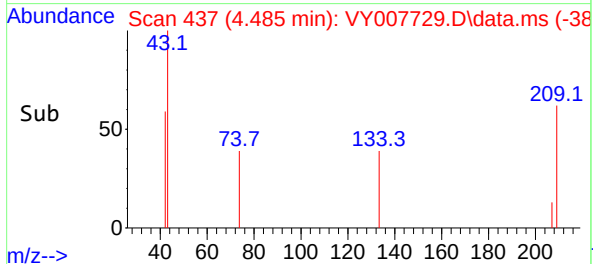
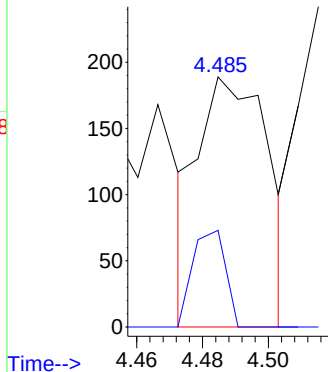
Ion Ratio Lower Upper

43 100

74 18.3 16.6 24.8



Abundance



#25

2-Butanone

Concen: 1.390 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007729.D

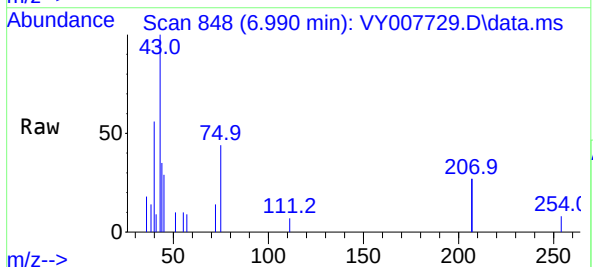
Acq: 04 Mar 2022 02:07

Tgt Ion: 43 Resp: 1703

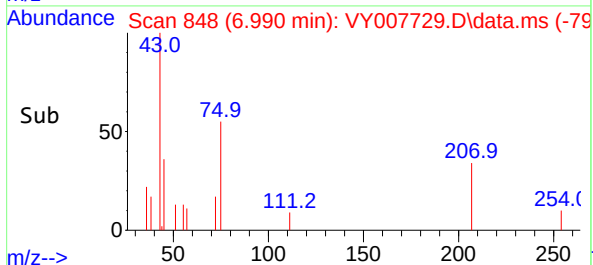
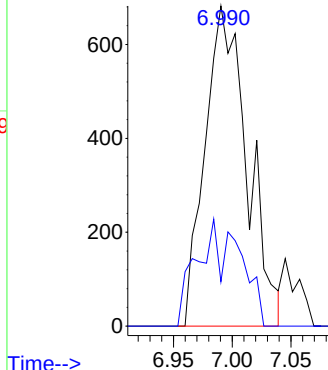
Ion Ratio Lower Upper

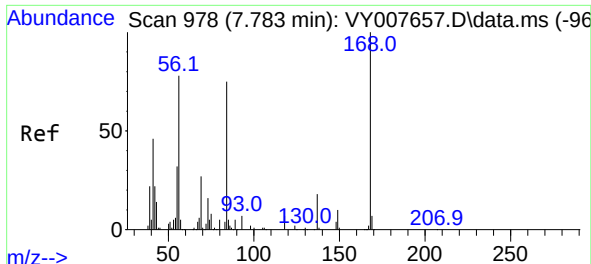
43 100

72 13.9 17.7 26.5#



Abundance





#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY007729.D

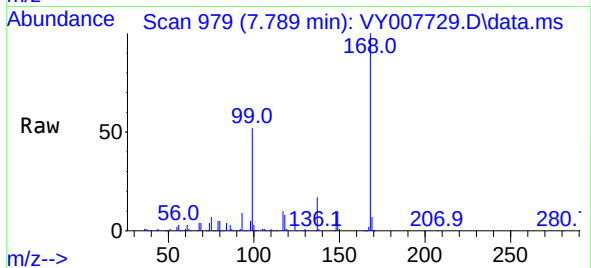
Acq: 04 Mar 2022 02:07

Instrument :

MSVOA_Y

ClientSampleId :

15-16-SAMPLE-LOCATION-8



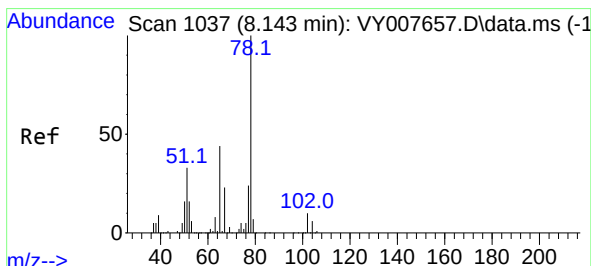
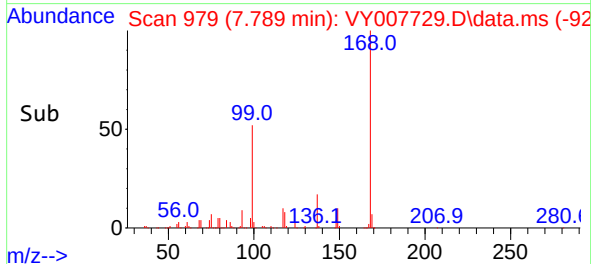
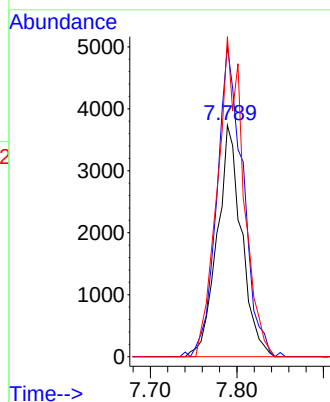
Tgt Ion: 56 Resp: 7316

Ion Ratio Lower Upper

56 100

69 134.1 26.7 40.1#

84 138.3 67.2 100.8#



#33

1,2-Dichloroethane-d4

Concen: 41.073 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY007729.D

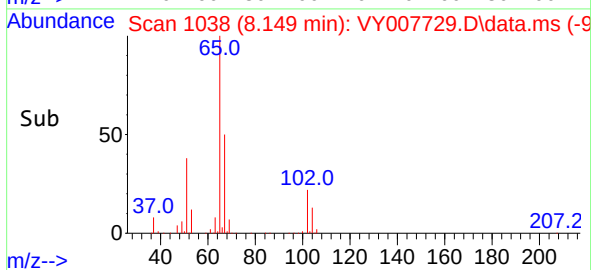
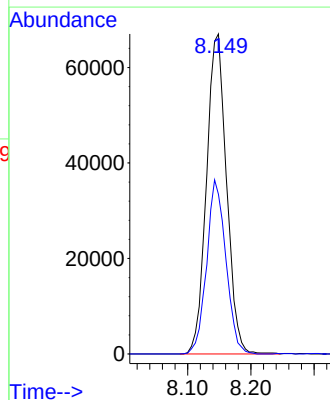
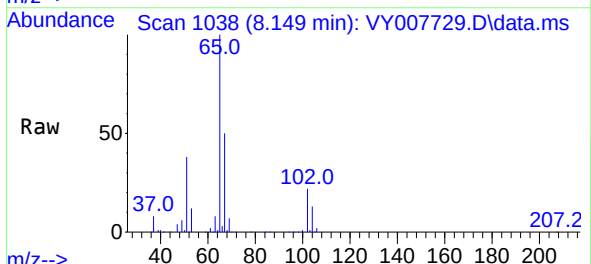
Acq: 04 Mar 2022 02:07

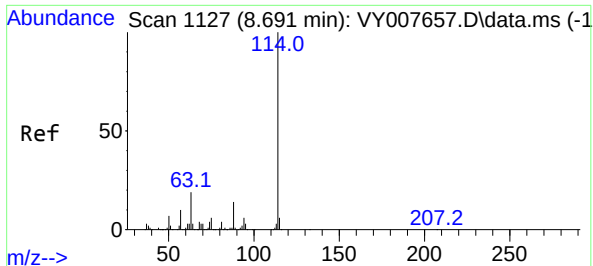
Tgt Ion: 65 Resp: 147504

Ion Ratio Lower Upper

65 100

67 52.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007729.D

Acq: 04 Mar 2022 02:07

Instrument :

MSVOA_Y

ClientSampleId :

15-16-SAMPLE-LOCATION-8

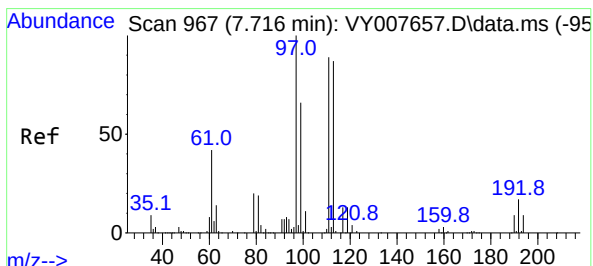
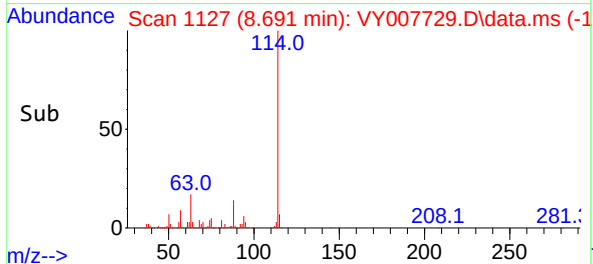
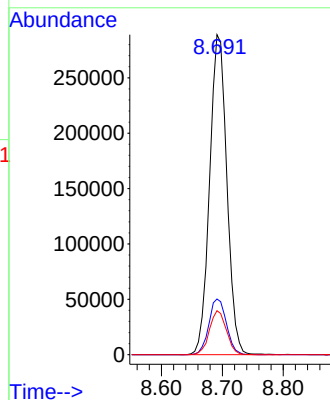
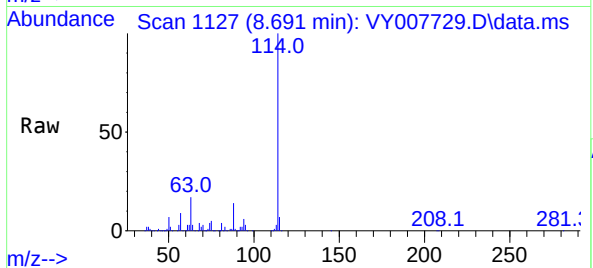
Tgt Ion:114 Resp: 568340

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.096 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007729.D

Acq: 04 Mar 2022 02:07

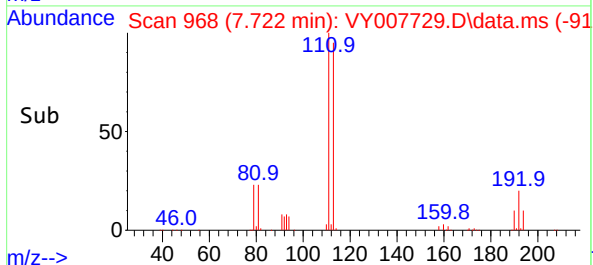
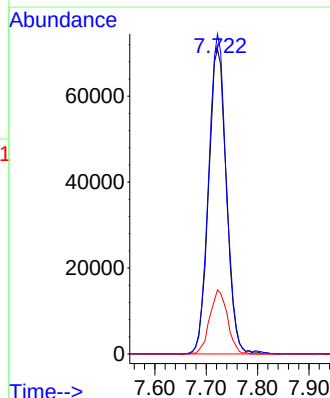
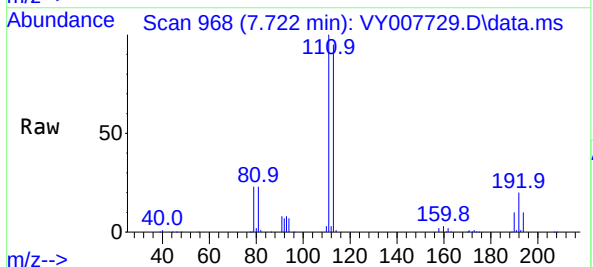
Tgt Ion:113 Resp: 171128

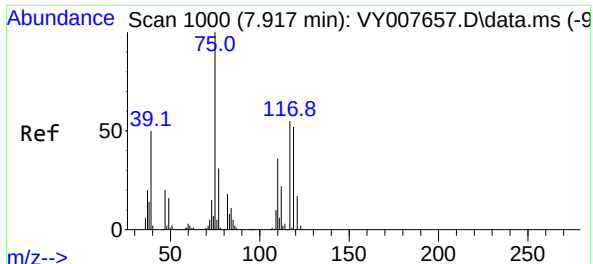
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 20.8 17.6 26.4

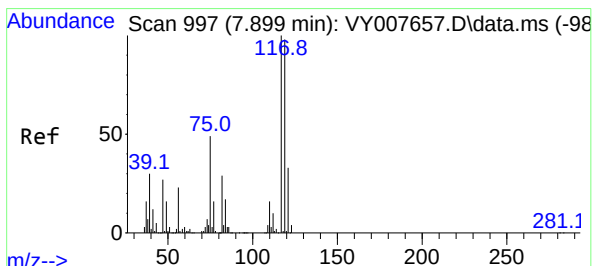
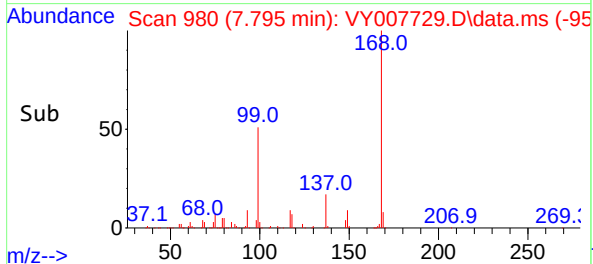
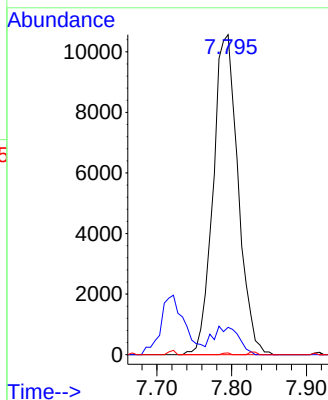
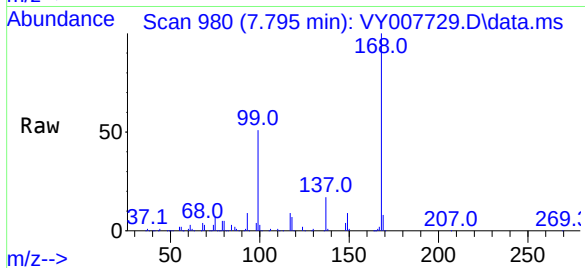




#36
1,1-Dichloropropene
Concen: 4.286 ug/l
RT: 7.795 min Scan# 910
Delta R.T. -0.122 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

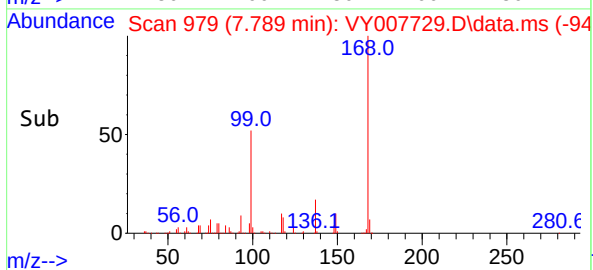
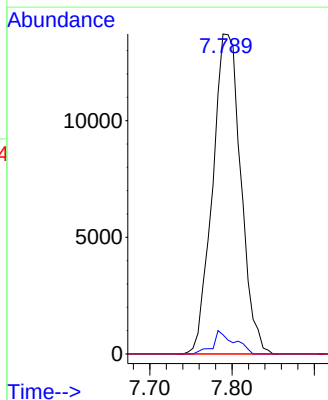
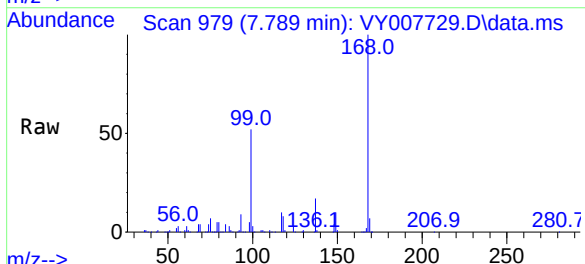
Instrument : MSVOA_Y
ClientSampleId : 15-16-SAMPLE-LOCATION-8

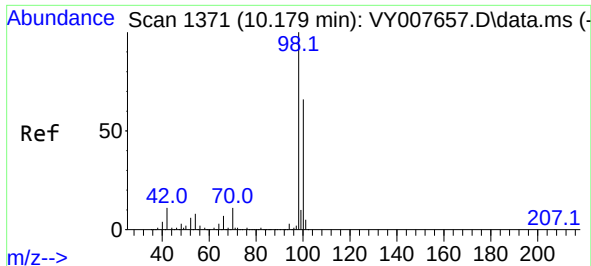
Tgt Ion: 75 Resp: 24499
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

Tgt Ion: 117 Resp: 32794
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#

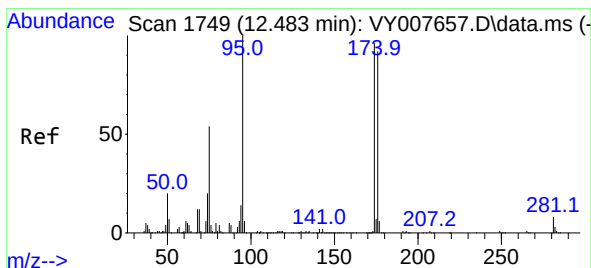
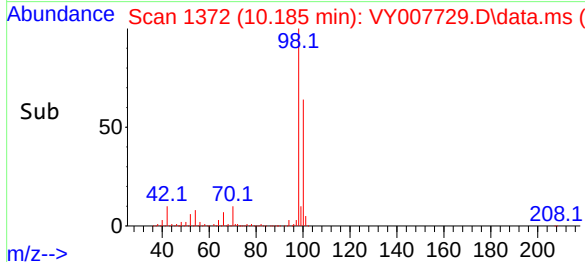
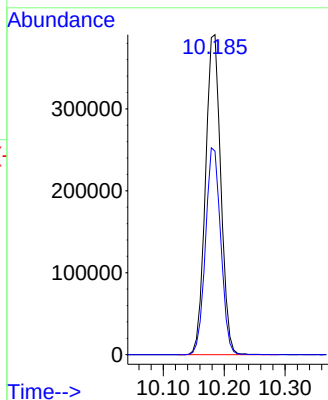
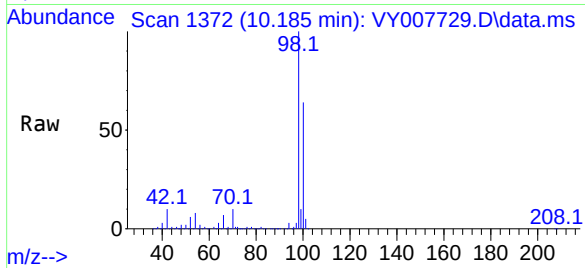




#50
Toluene-d8
Concen: 51.087 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

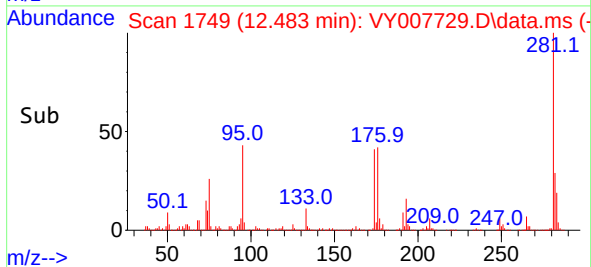
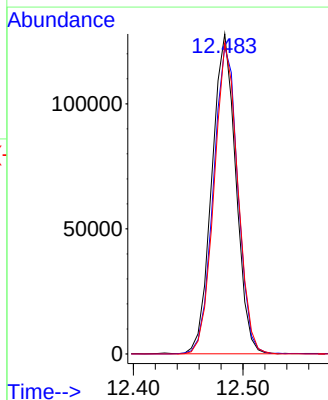
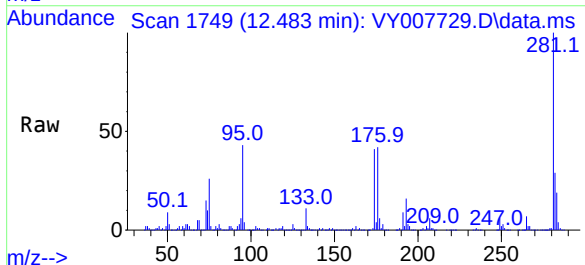
Instrument :
MSVOA_Y
ClientSampleId :
15-16-SAMPLE-LOCATION-8

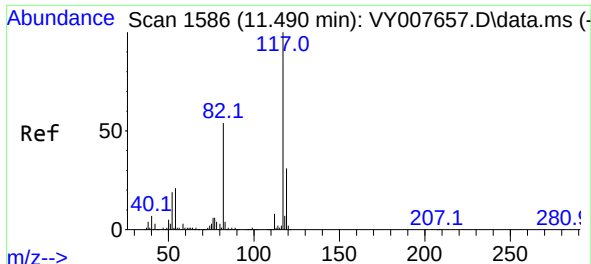
Tgt Ion: 98 Resp: 683314
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.937 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

Tgt Ion: 95 Resp: 193747
Ion Ratio Lower Upper
95 100
174 98.1 0.0 177.0
176 96.0 0.0 175.8

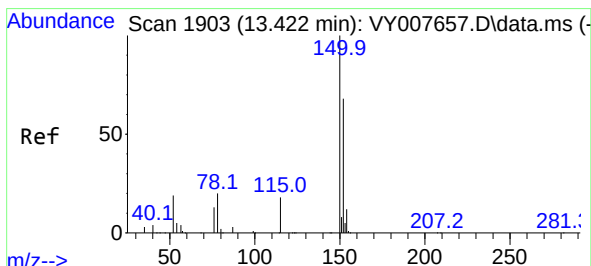
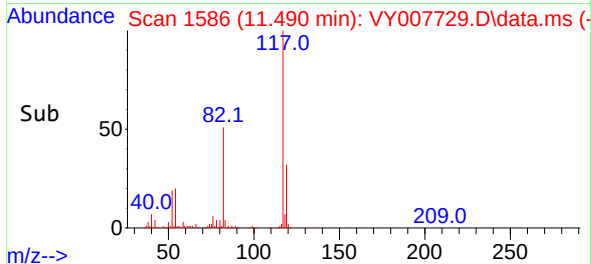
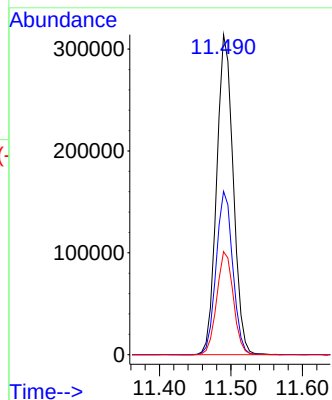
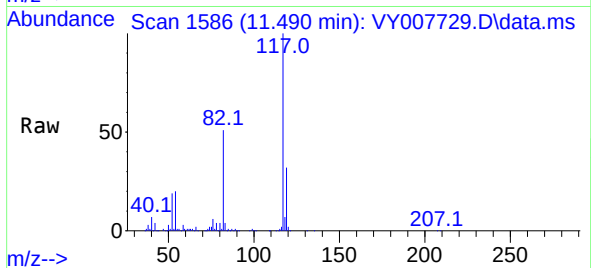




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

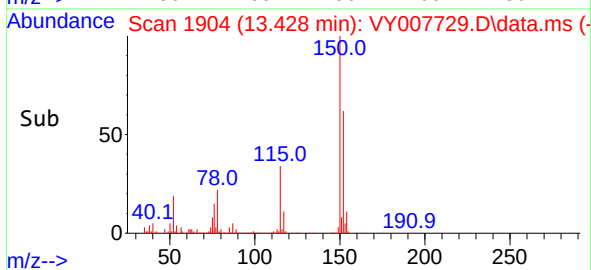
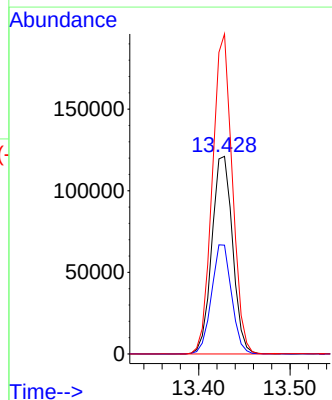
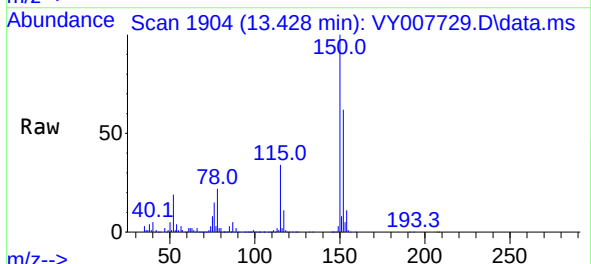
Instrument :
MSVOA_Y
ClientSampleId :
15-16-SAMPLE-LOCATION-8

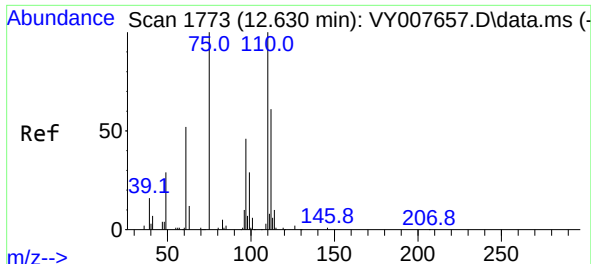
Tgt Ion:117 Resp: 505298
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

Tgt Ion:152 Resp: 191087
Ion Ratio Lower Upper
152 100
115 53.4 28.2 84.7
150 155.4 0.0 347.6

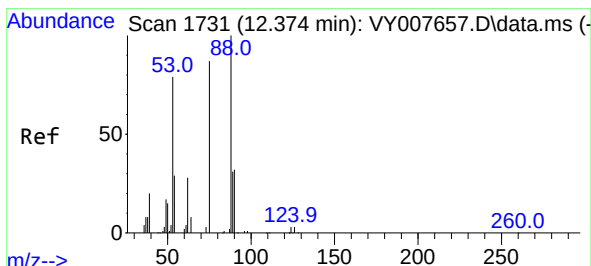
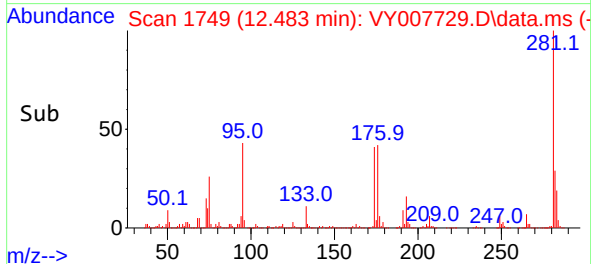
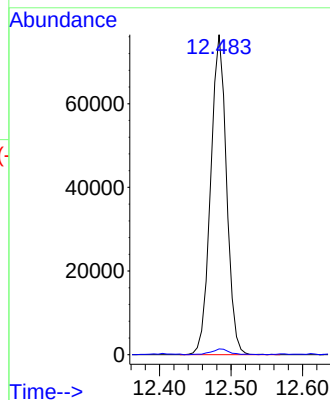
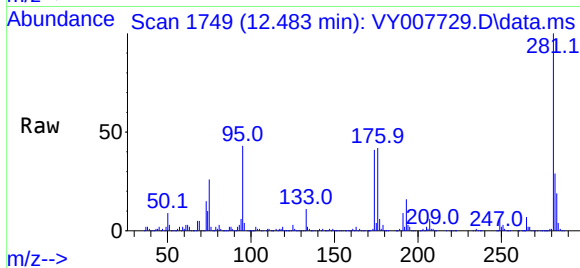




#76
1,2,3-Trichloropropane
Concen: 55.233 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

Instrument :
MSVOA_Y
ClientSampleId :
15-16-SAMPLE-LOCATION-8

Tgt Ion: 75 Resp: 117866
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.916 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

Tgt Ion: 75 Resp: 117866
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 3.0 37.0 55.4#

