

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007418.D
 Acq On : 07 Feb 2022 17:16
 Operator : SY/MD
 Sample : N1421-03
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Feb 08 00:40:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	103919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68179	57.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.722	113	66646	51.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.520%
50) Toluene-d8	10.179	98	245458	51.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.483	95	89679	55.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.940%

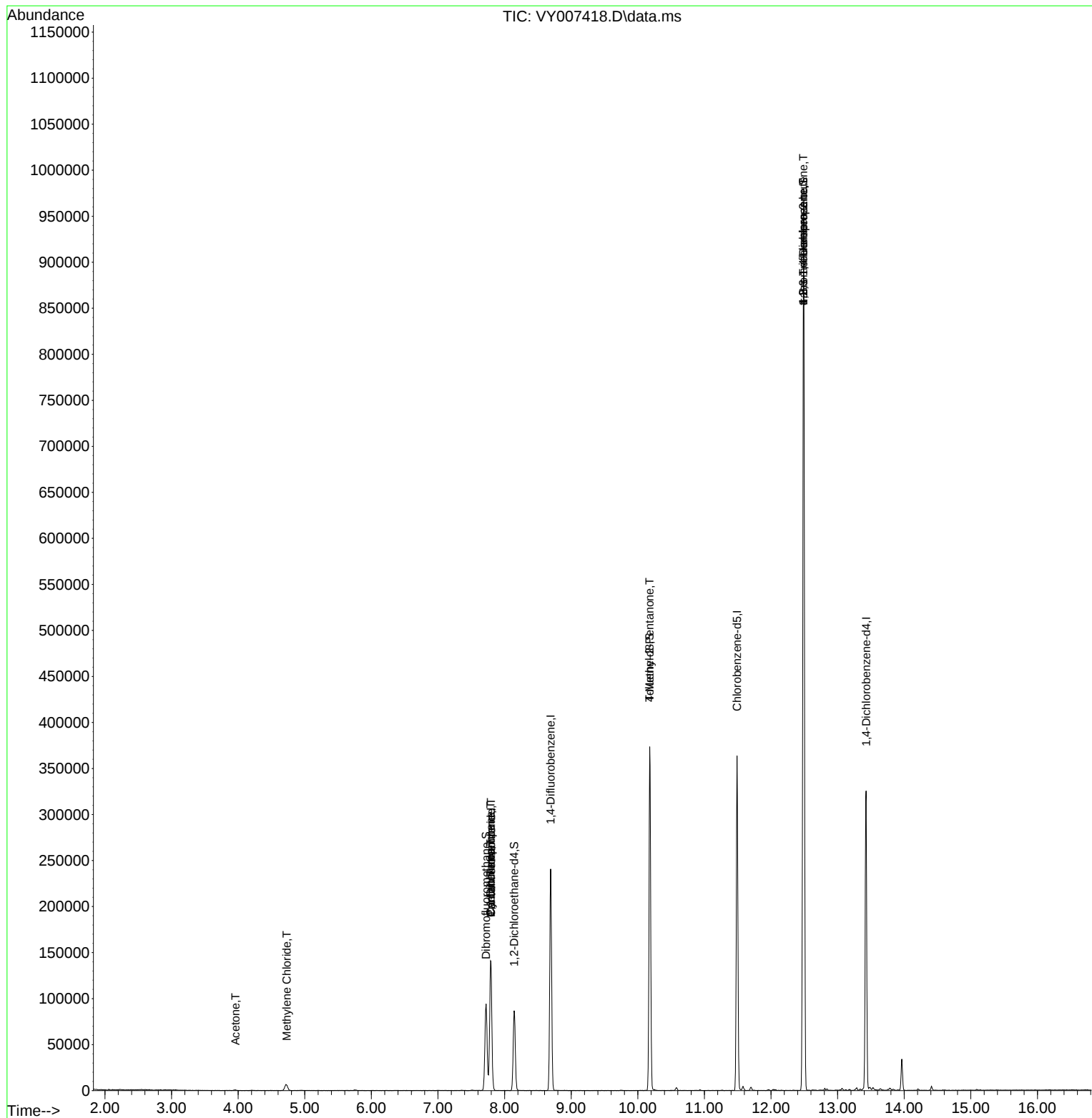
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	409	Below Cal	#	85
11) Tert butyl alcohol	4.942	59	199	Below Cal	#	77
16) Acetone	3.960	43	1147	2.955	ug/l	96
20) Methylene Chloride	4.728	84	4851	1.635	ug/l	# 80
31) Cyclohexane	7.789	56	2410	1.033	ug/l	# 21
36) 1,1-Dichloropropene	7.789	75	8998	3.998	ug/l	# 52
38) Carbon Tetrachloride	7.795	117	11629	4.918	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.179	43	1135	1.069	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	55083	57.021	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	55083	114.236	ug/l	# 9

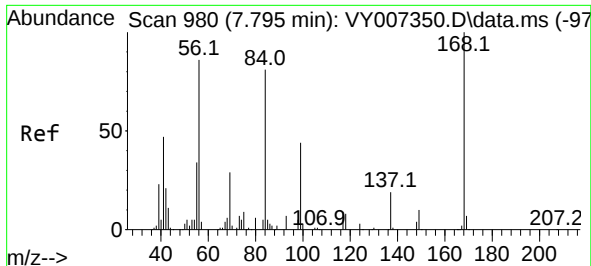
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
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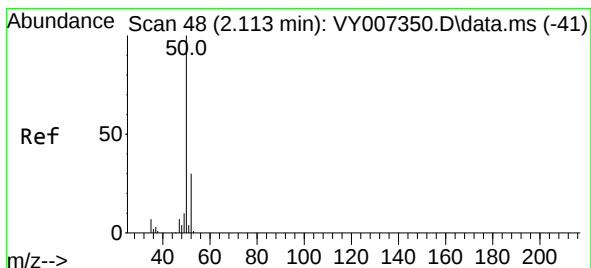
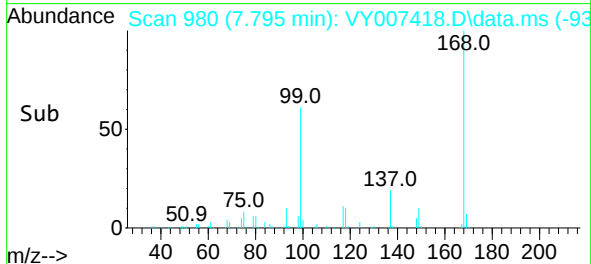
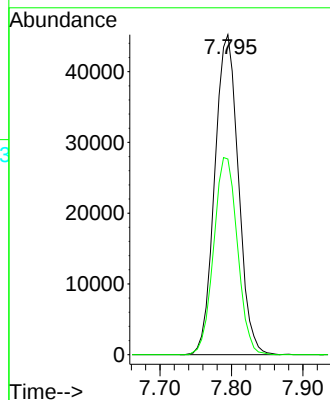
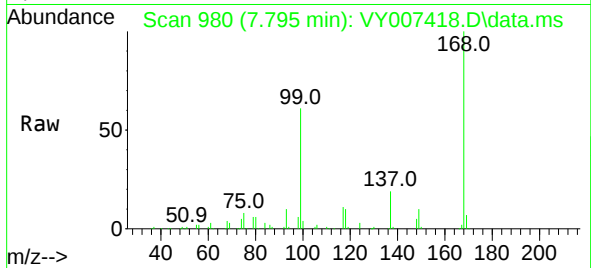




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

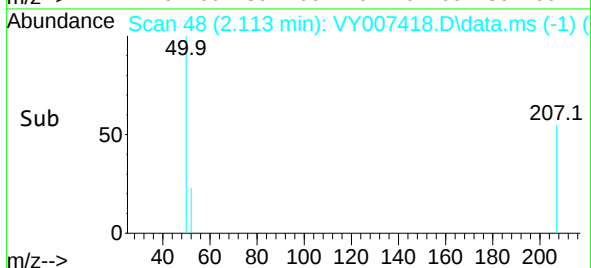
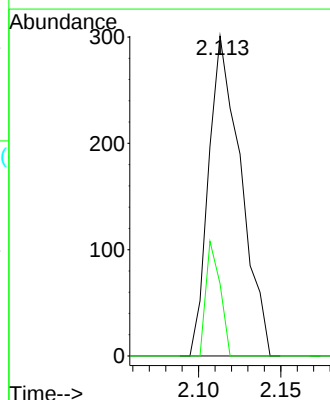
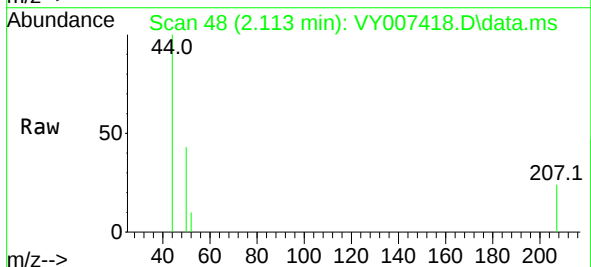
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

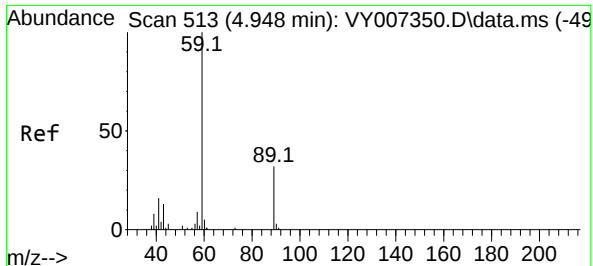
Tgt Ion:168 Resp: 103919
Ion Ratio Lower Upper
168 100
99 61.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

Tgt Ion: 50 Resp: 409
Ion Ratio Lower Upper
50 100
52 22.6 24.6 37.0#

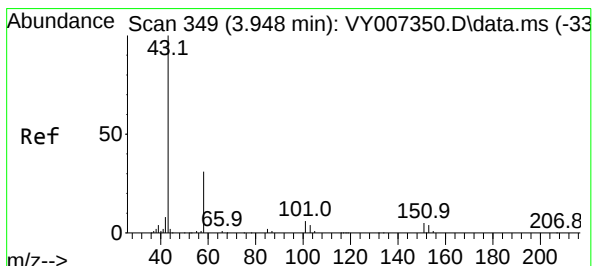
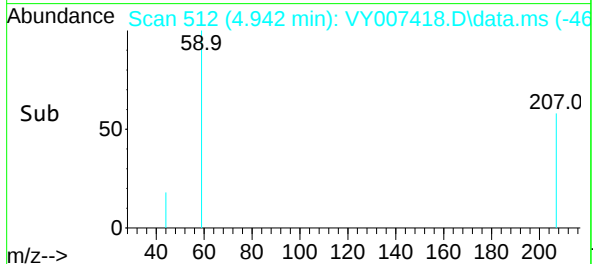
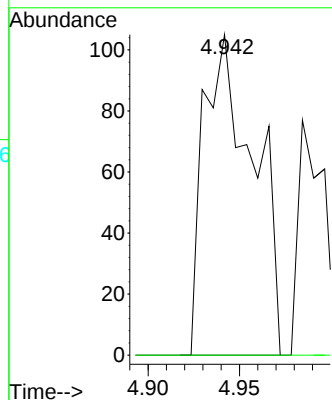
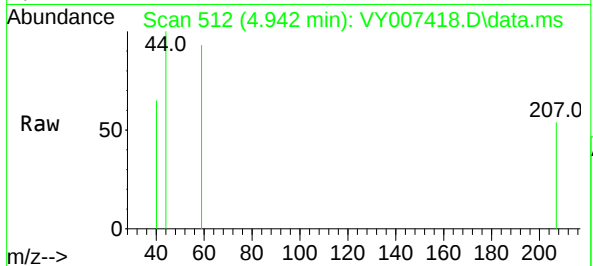




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

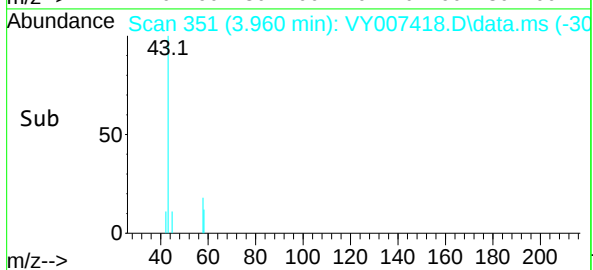
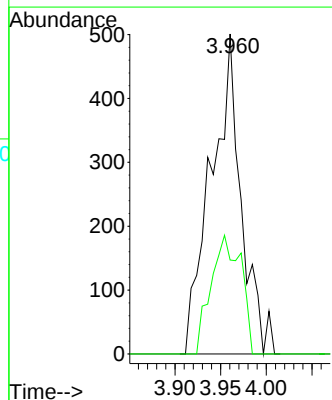
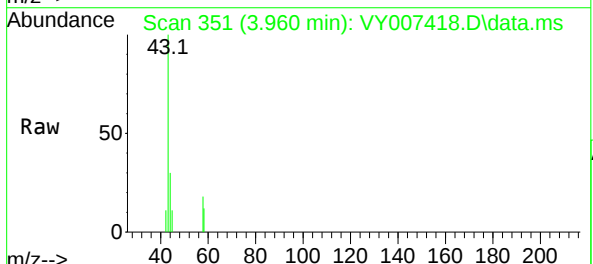
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

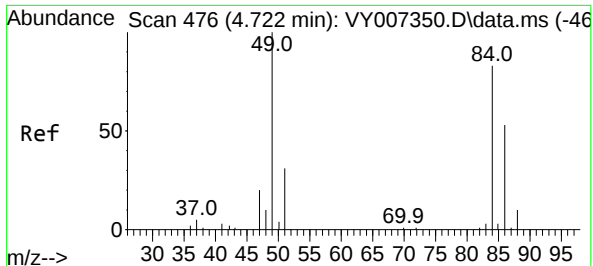
Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.955 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 29.3 22.0 33.0





#20

Methylene Chloride

Concen: 1.635 ug/l

RT: 4.728 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007418.D

Acq: 07 Feb 2022 17:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

Tgt Ion: 84 Resp: 4851

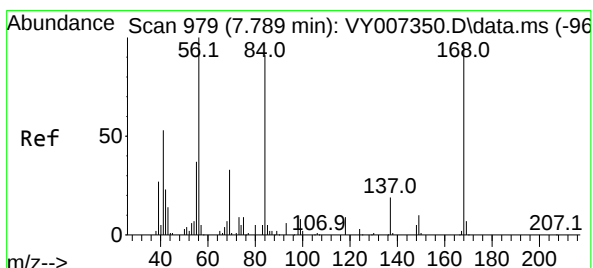
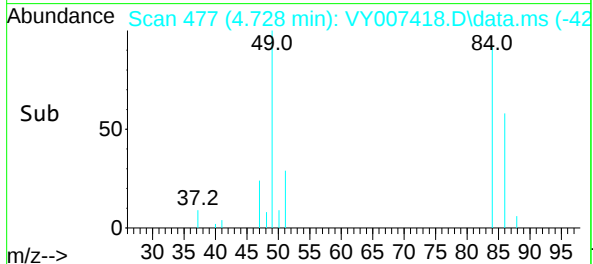
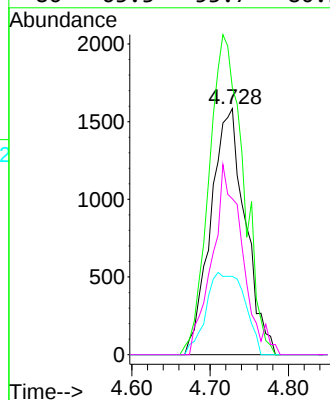
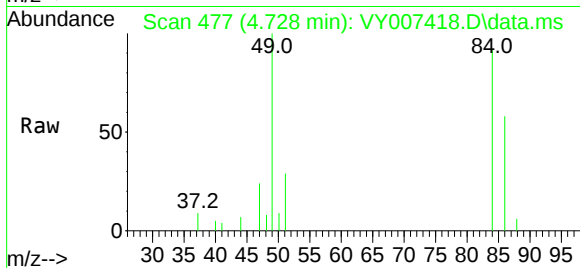
Ion Ratio Lower Upper

84 100

49 108.5 114.4 171.6#

51 31.8 35.3 52.9#

86 63.3 53.7 80.5



#31

Cyclohexane

Concen: 1.033 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY007418.D

Acq: 07 Feb 2022 17:16

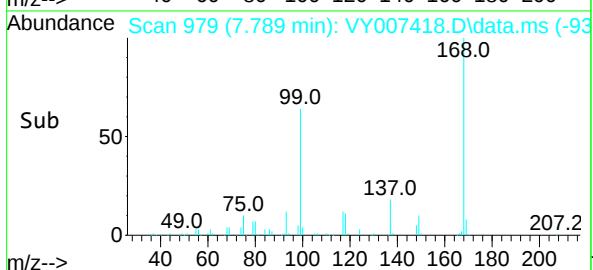
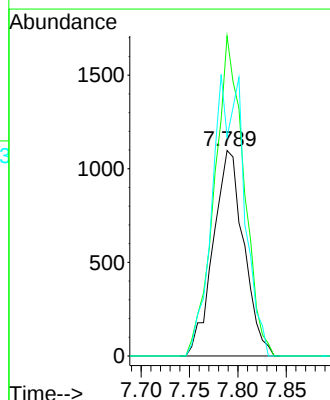
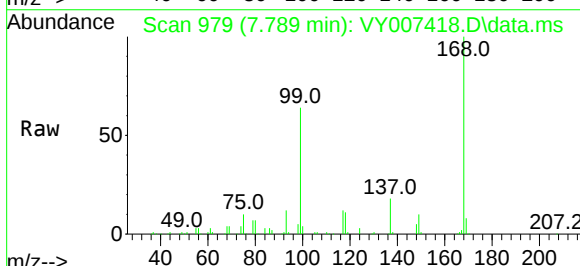
Tgt Ion: 56 Resp: 2410

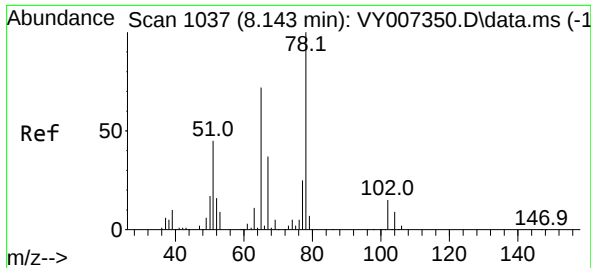
Ion Ratio Lower Upper

56 100

69 155.8 26.7 40.1#

84 106.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.038 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007418.D

Acq: 07 Feb 2022 17:16

Instrument :

MSVOA_Y

ClientSampleId :

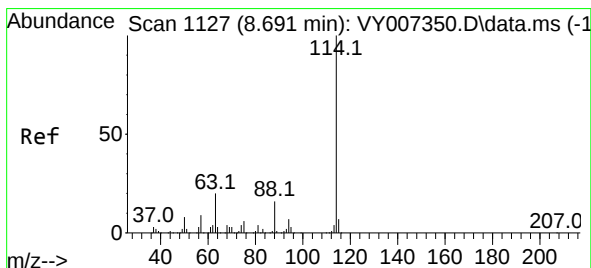
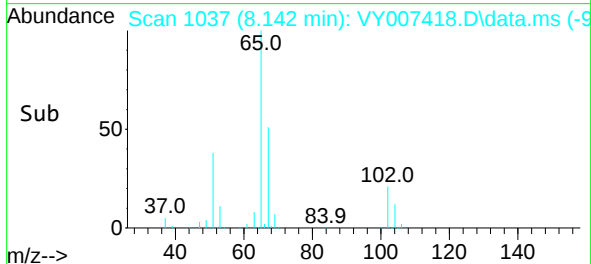
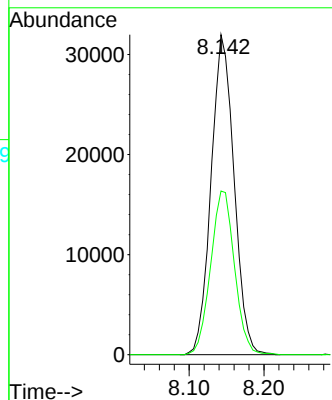
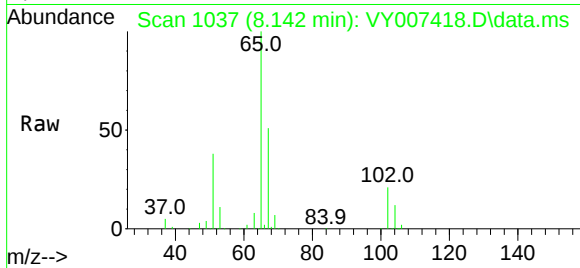
SB-3

Tgt Ion: 65 Resp: 68179

Ion Ratio Lower Upper

65 100

67 53.2 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: VY007418.D

Acq: 07 Feb 2022 17:16

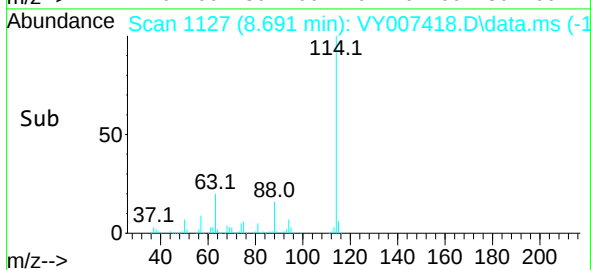
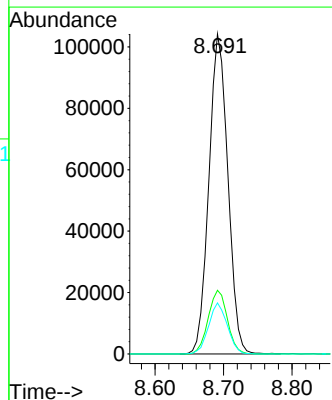
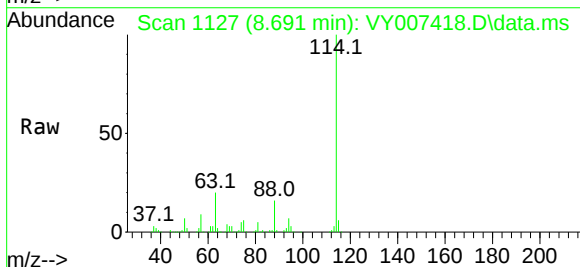
Tgt Ion: 114 Resp: 200502

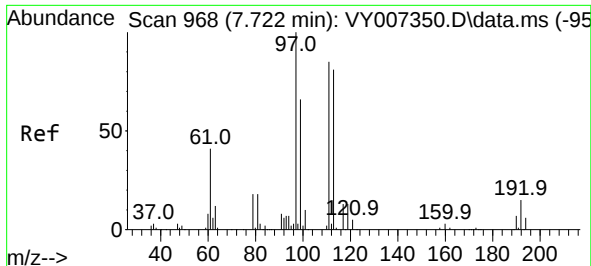
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 16.0 0.0 31.8

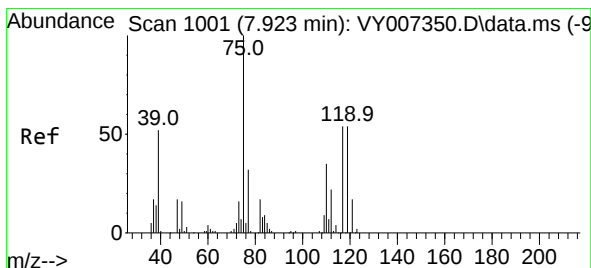
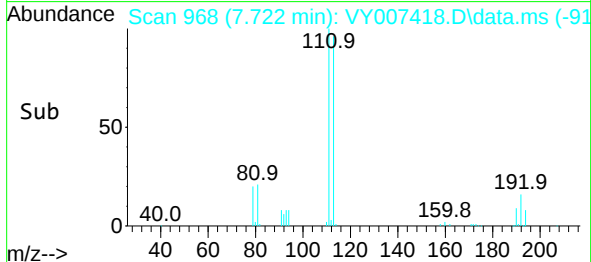
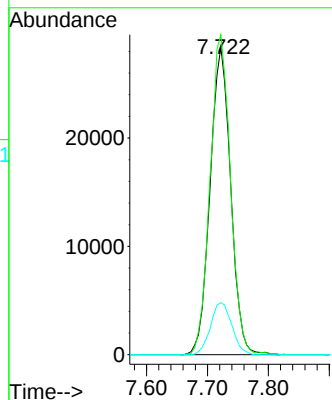
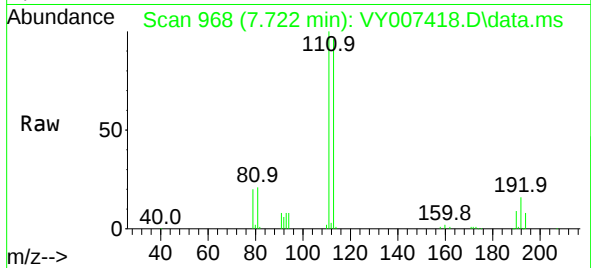




#35
Dibromofluoromethane
Concen: 51.764 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

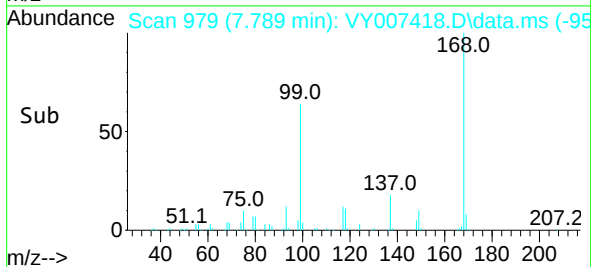
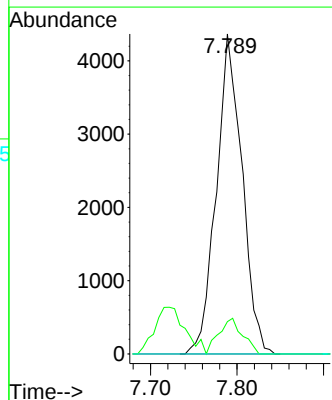
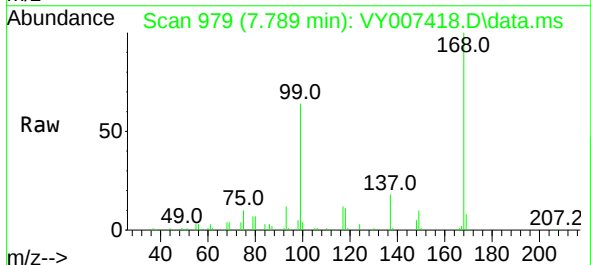
Instrument :
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ClientSampleId :
SB-3

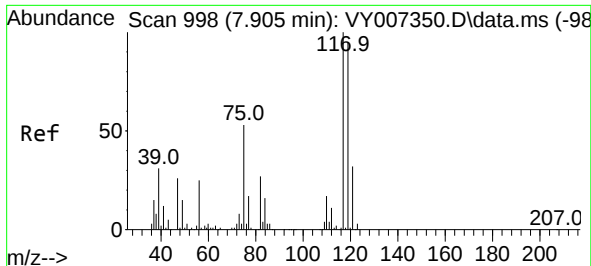
Tgt Ion:113 Resp: 66646
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.5 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 3.998 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

Tgt Ion: 75 Resp: 8998
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#

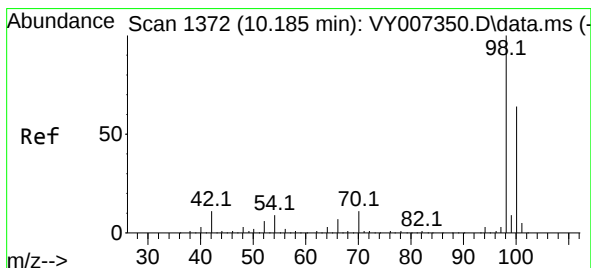
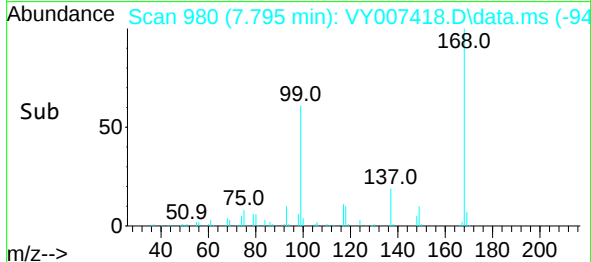
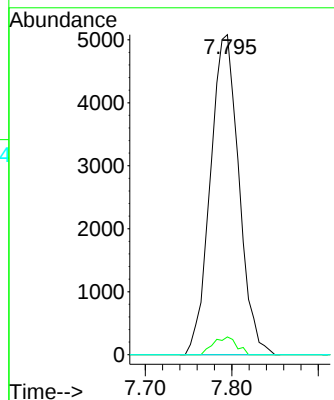
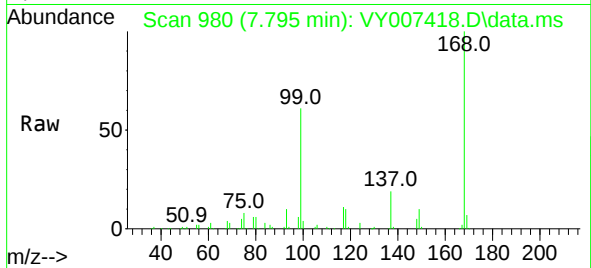




#38
Carbon Tetrachloride
Concen: 4.918 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

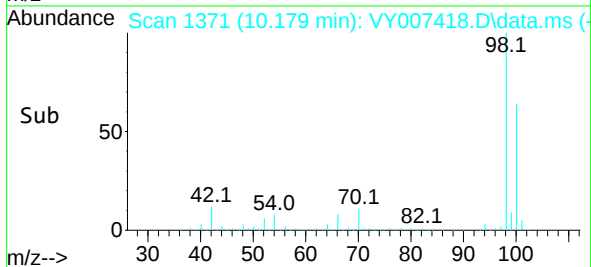
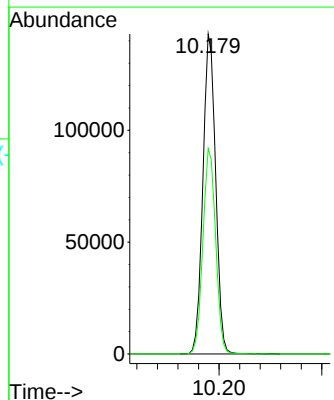
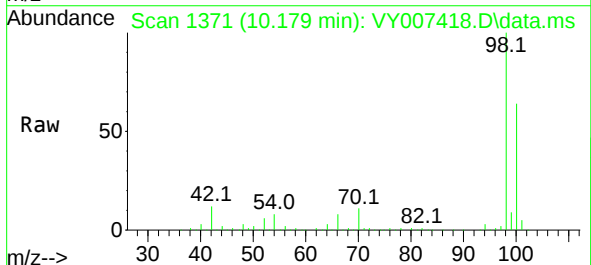
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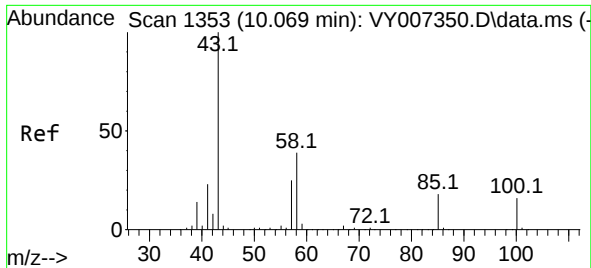
Tgt Ion:117 Resp: 11629
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.603 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

Tgt Ion: 98 Resp: 245458
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

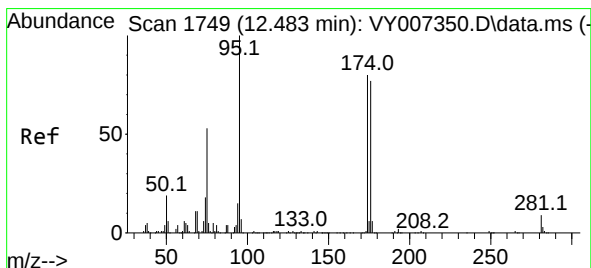
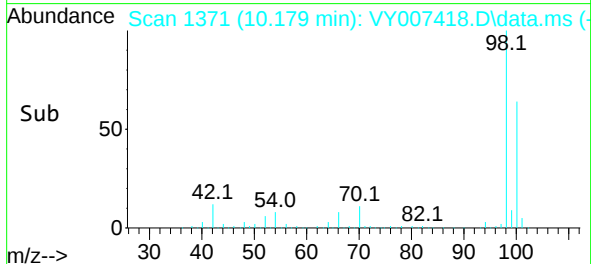
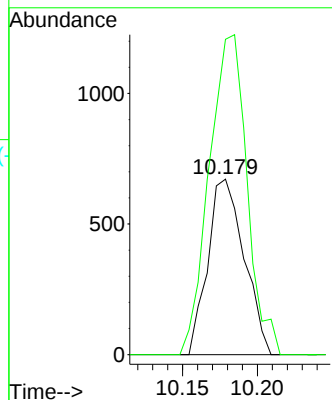
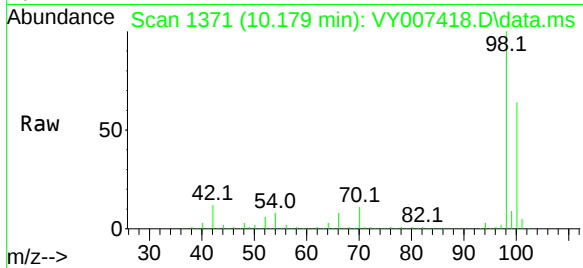




#51
4-Methyl-2-Pentanone
Concen: 1.069 ug/l
RT: 10.179 min Scan# 1135
Delta R.T. 0.110 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

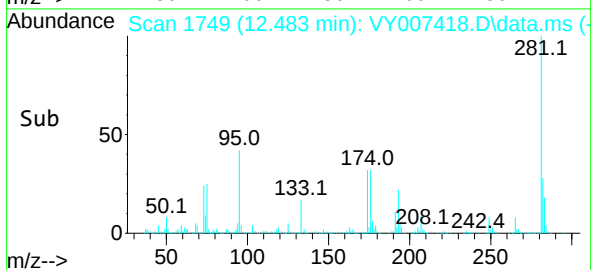
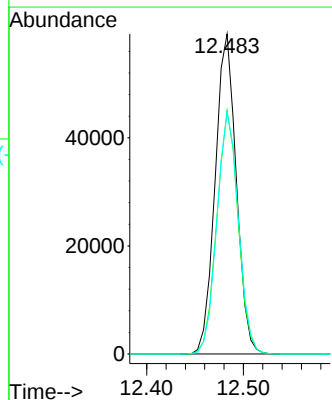
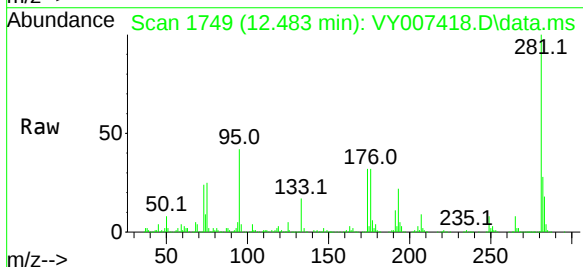
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

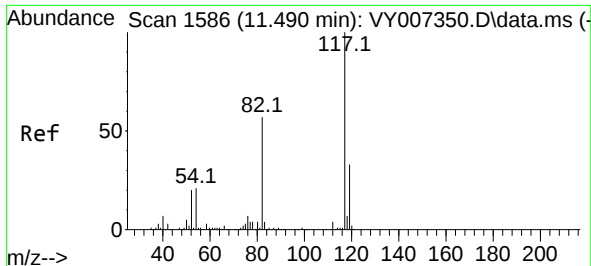
Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 190.0 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 55.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

Tgt Ion: 95 Resp: 89679
Ion Ratio Lower Upper
95 100
174 76.6 0.0 177.0
176 77.1 0.0 175.8

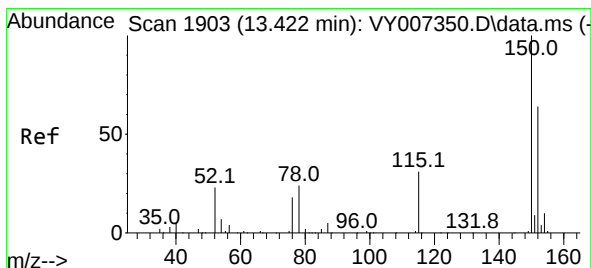
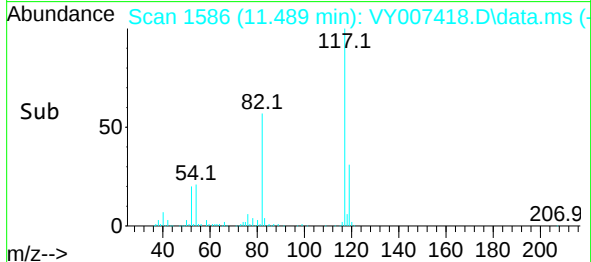
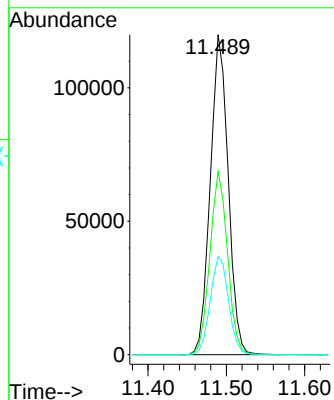
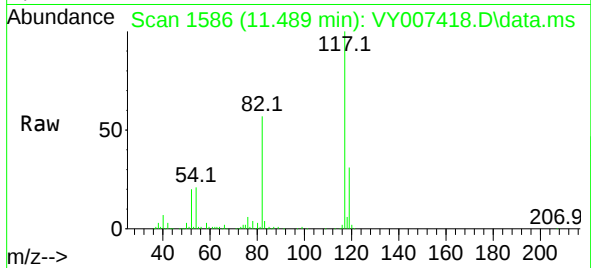




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

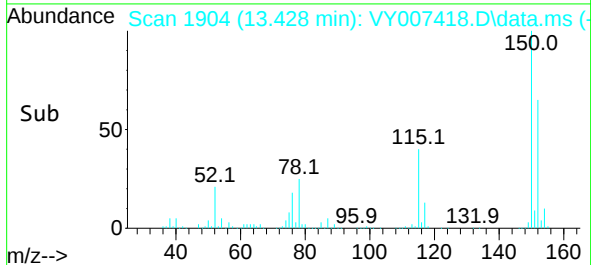
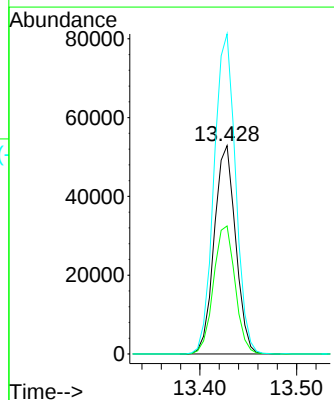
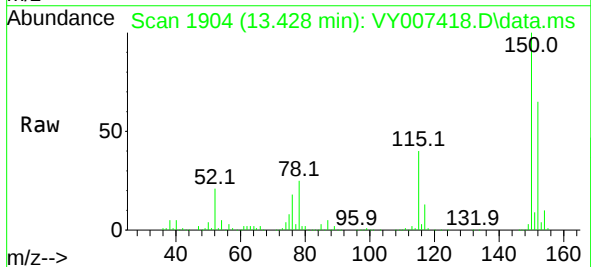
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

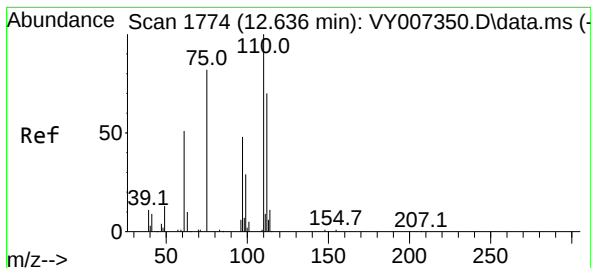
Tgt Ion:117 Resp: 190141
Ion Ratio Lower Upper
117 100
82 57.3 43.0 64.4
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007418.D
Acq: 07 Feb 2022 17:16

Tgt Ion:152 Resp: 81259
Ion Ratio Lower Upper
152 100
115 62.1 28.2 84.7
150 154.7 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 57.021 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY007418.D

Acq: 07 Feb 2022 17:16

Instrument :

MSVOA_Y

ClientSampleId :

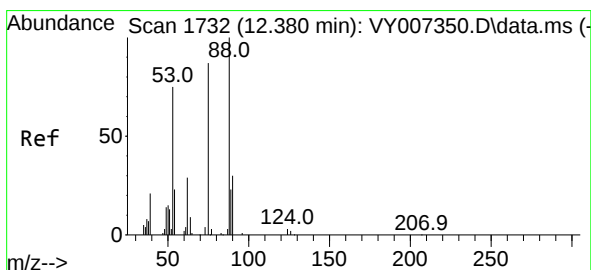
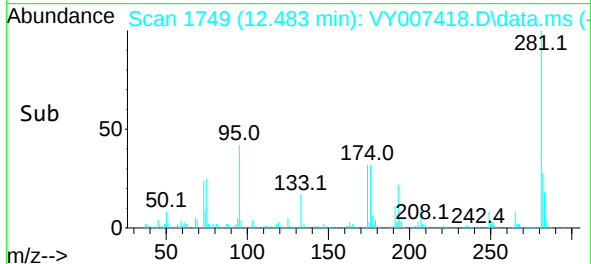
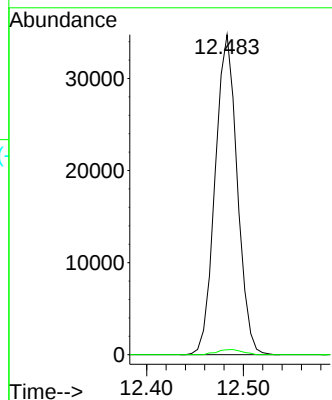
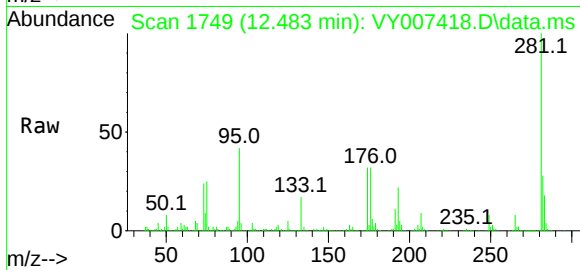
SB-3

Tgt Ion: 75 Resp: 55083

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.236 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY007418.D

Acq: 07 Feb 2022 17:16

Tgt Ion: 75 Resp: 55083

Ion Ratio Lower Upper

75 100

53 0.1 85.3 127.9#

89 4.7 37.0 55.4#

