

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007415.D
 Acq On : 07 Feb 2022 16:05
 Operator : SY/MD
 Sample : N1415-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-020422

Quant Time: Feb 08 00:39:23 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)

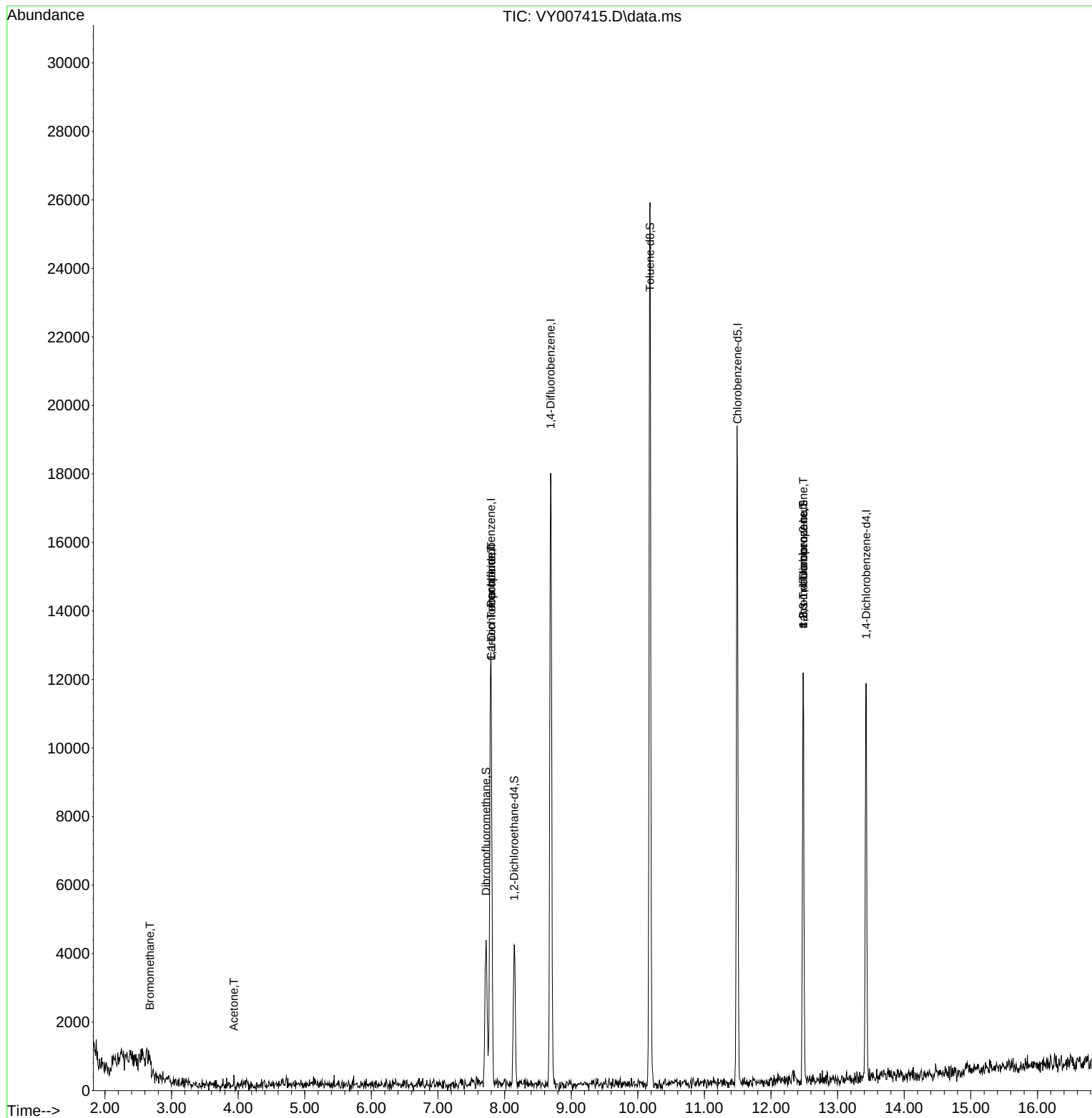
Internal Standards						
1) Pentafluorobenzene	7.795	168	9945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	9883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3352	29.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	58.600%
35) Dibromofluoromethane	7.722	113	3358	33.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.980%
50) Toluene-d8	10.185	98	17844	48.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.483	95	3805	30.673	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.340%
Target Compounds						
3) Chloromethane	2.113	50	196	Below Cal	#	44
5) Bromomethane	2.674	94	266	3.198	ug/l	94
16) Acetone	3.936	43	70	1.884	ug/l #	47
20) Methylene Chloride	4.722	84	67	Below Cal	#	10
36) 1,1-Dichloropropene	7.801	75	808	4.679	ug/l #	42
38) Carbon Tetrachloride	7.801	117	1020	5.622	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2019	57.944	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2019	116.086	ug/l #	7

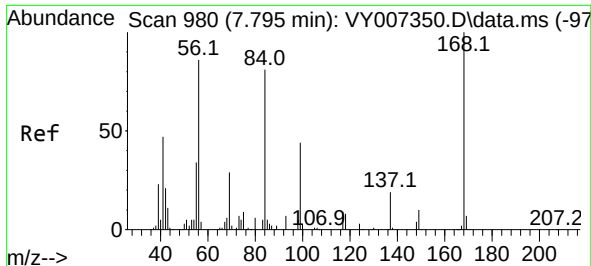
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

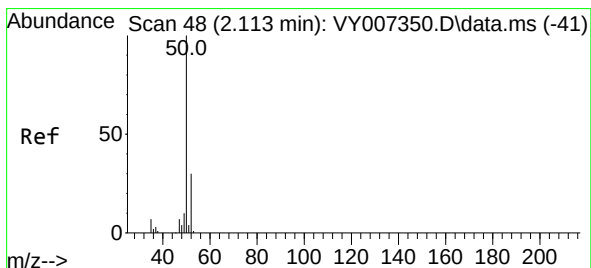
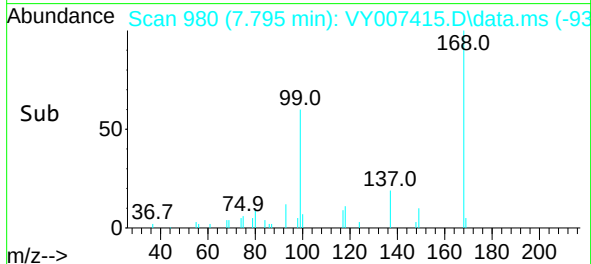
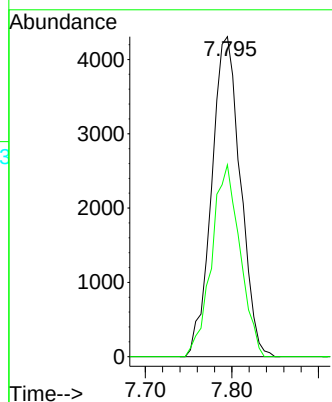
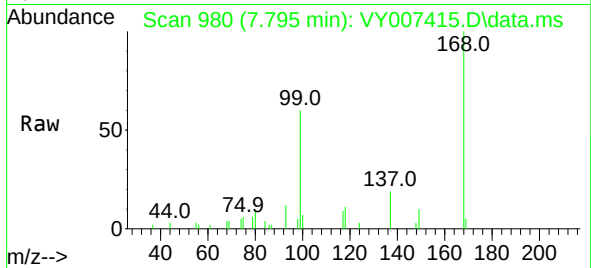




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

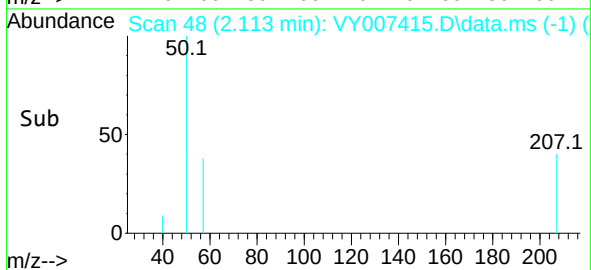
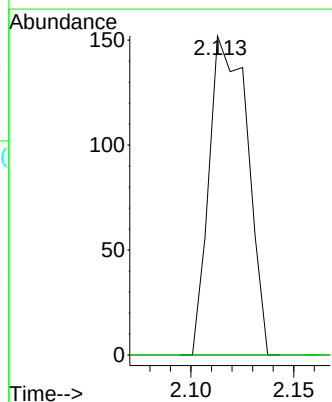
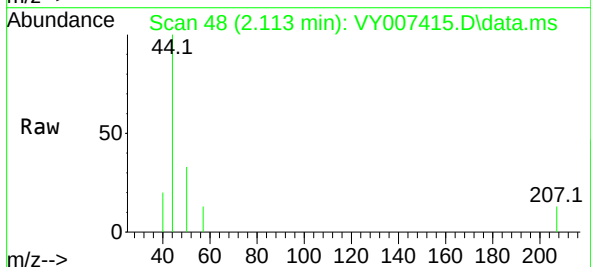
Instrument :
MSVOA_Y
ClientSampleId :
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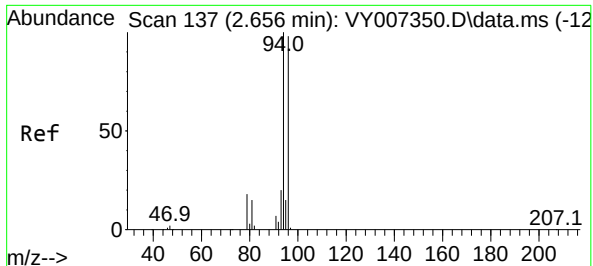
Tgt Ion:168 Resp: 9945
Ion Ratio Lower Upper
168 100
99 60.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Tgt Ion: 50 Resp: 196
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0

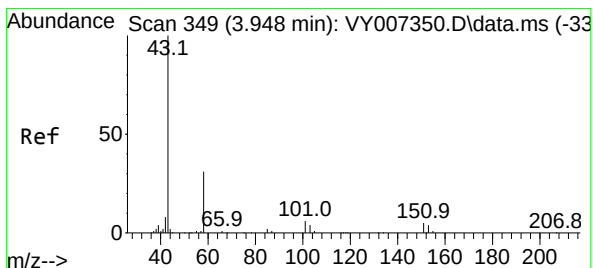
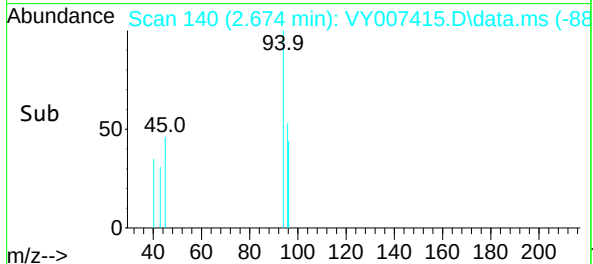
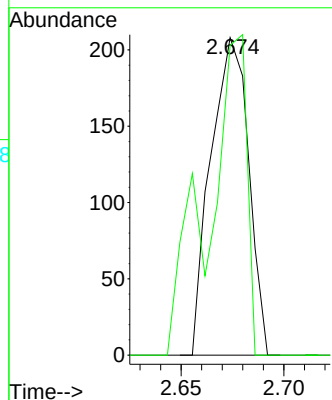
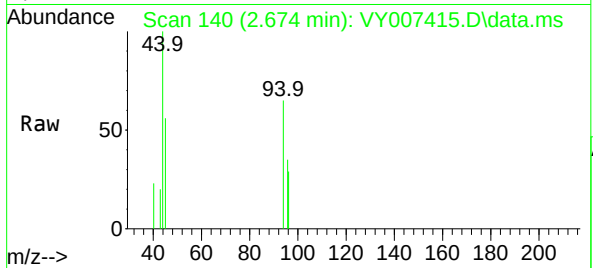




#5
Bromomethane
Concen: 3.198 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

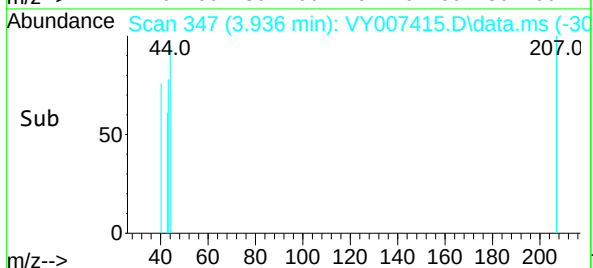
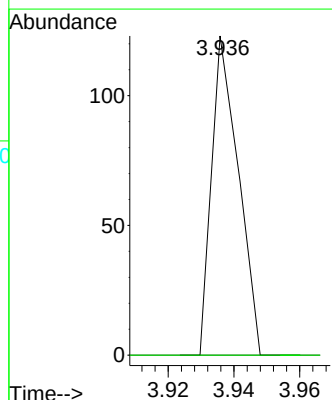
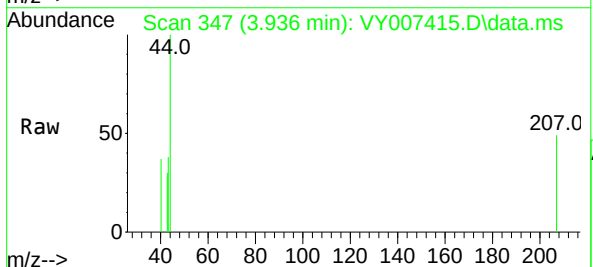
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-020422

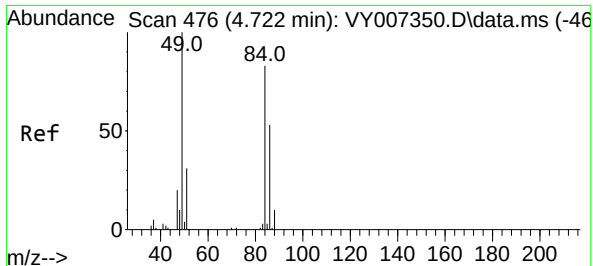
Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 97.6 73.5 110.3



#16
Acetone
Concen: 1.884 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

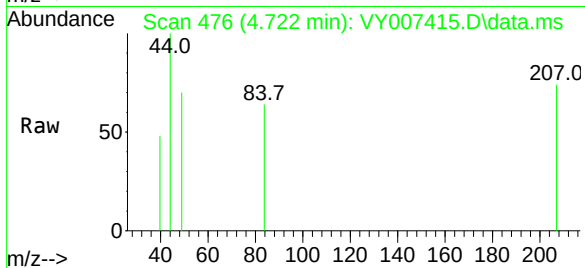
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



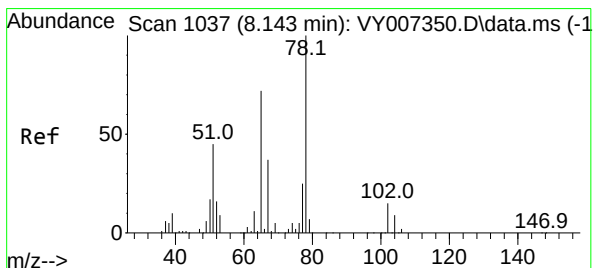
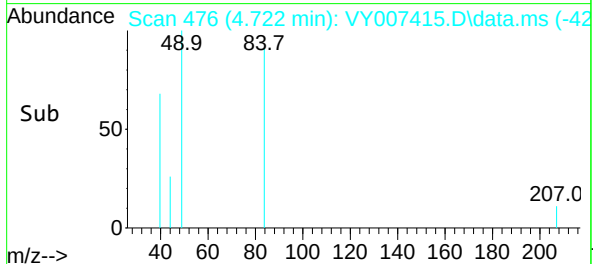
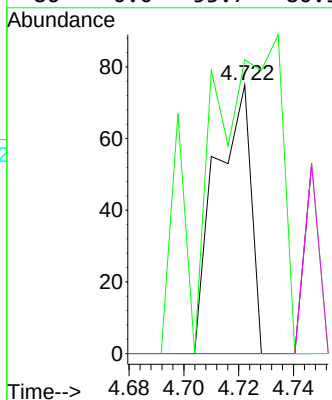


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-020422

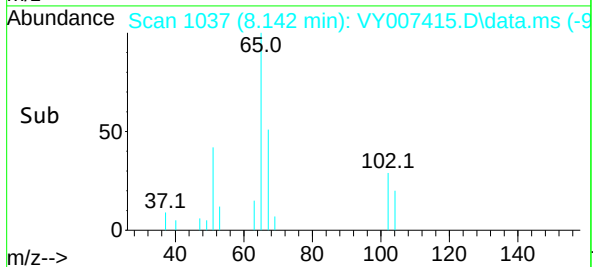
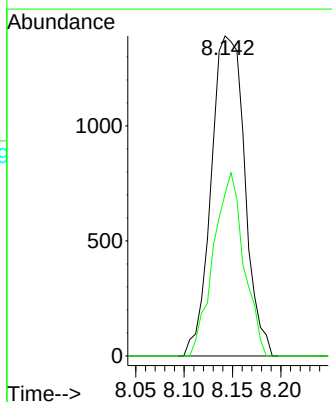
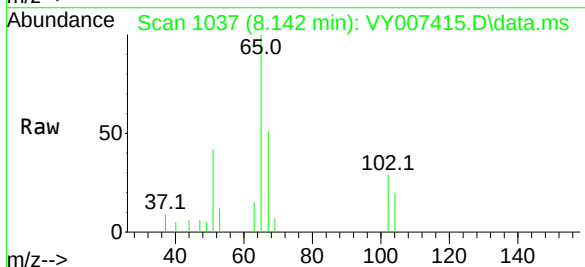


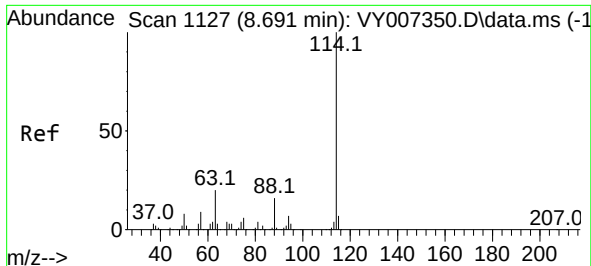
Tgt Ion: 84 Resp: 67
Ion Ratio Lower Upper
84 100
49 20.0 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 29.303 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Tgt Ion: 65 Resp: 3352
Ion Ratio Lower Upper
65 100
67 51.6 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: VY007415.D

Acq: 07 Feb 2022 16:05

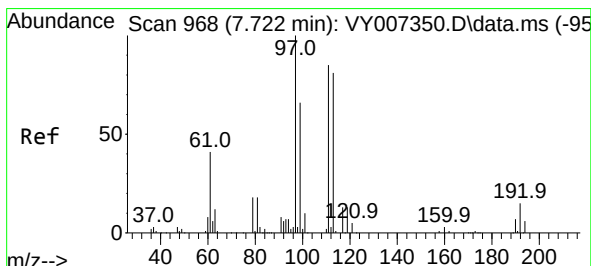
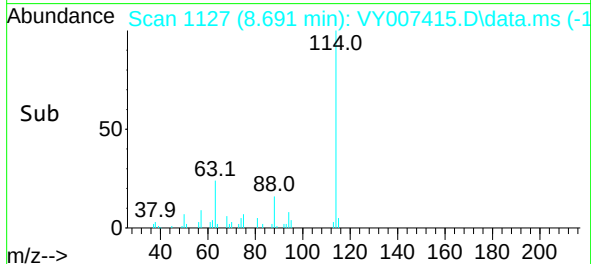
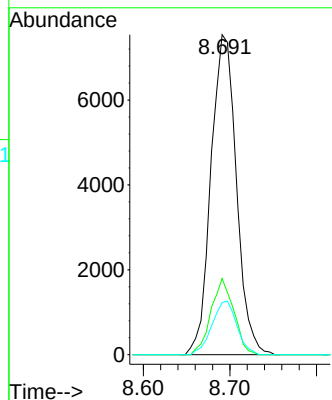
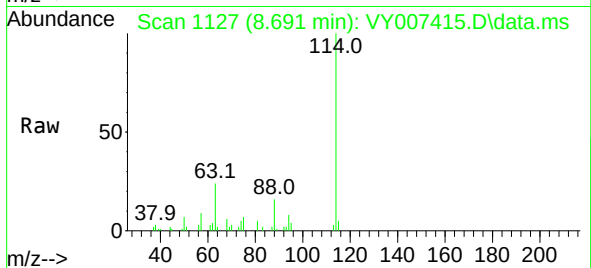
Instrument :

MSVOA_Y

ClientSampleId :

CL-02-020422

Tgt Ion:114	Resp:	15384
Ion	Ratio	Lower Upper
114	100	
63	23.8	0.0 43.2
88	16.3	0.0 31.8



#35

Dibromofluoromethane

Concen: 33.993 ug/l

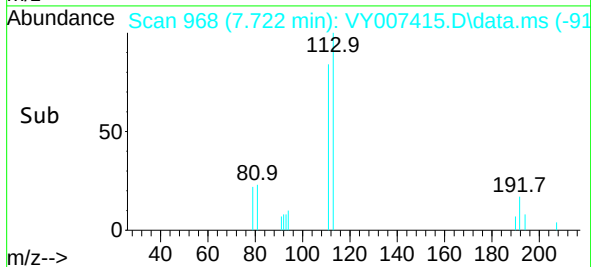
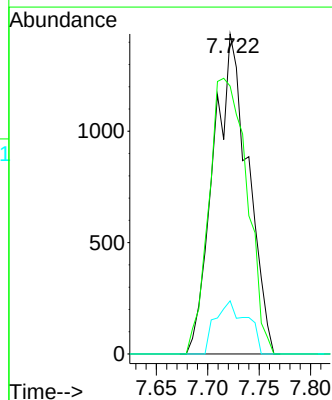
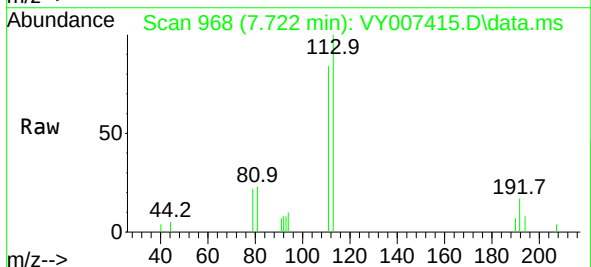
RT: 7.722 min Scan# 968

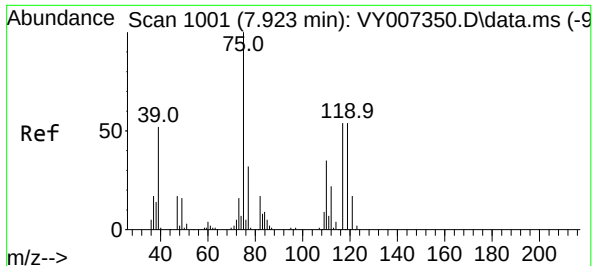
Delta R.T. -0.000 min

Lab File: VY007415.D

Acq: 07 Feb 2022 16:05

Tgt Ion:113	Resp:	3358
Ion	Ratio	Lower Upper
113	100	
111	94.8	82.6 124.0
192	15.1	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.679 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007415.D

Acq: 07 Feb 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-020422

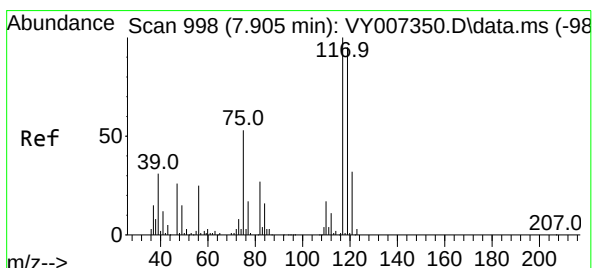
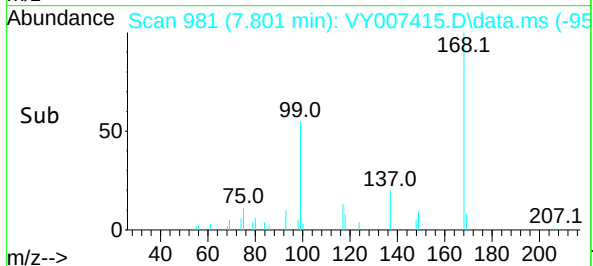
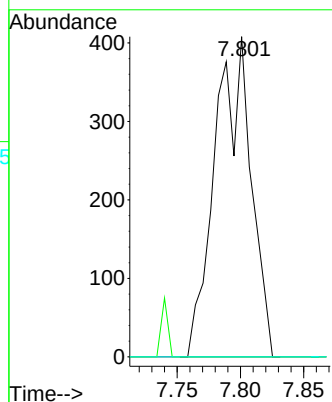
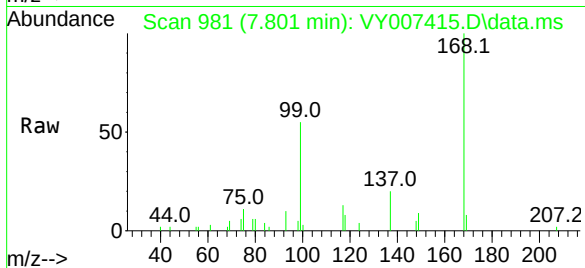
Tgt Ion: 75 Resp: 808

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.622 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY007415.D

Acq: 07 Feb 2022 16:05

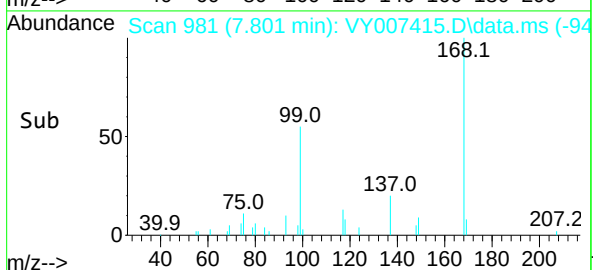
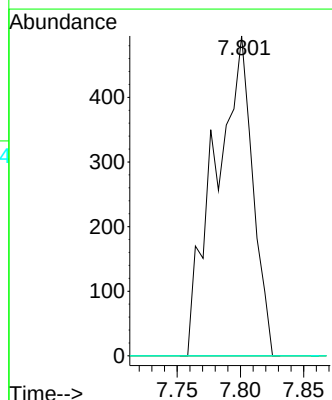
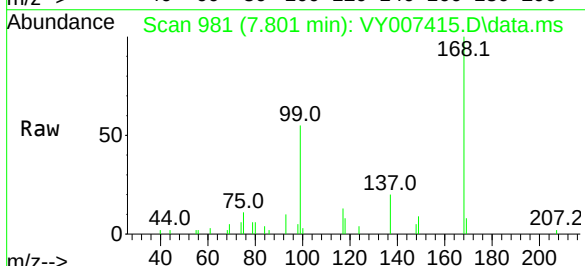
Tgt Ion: 117 Resp: 1020

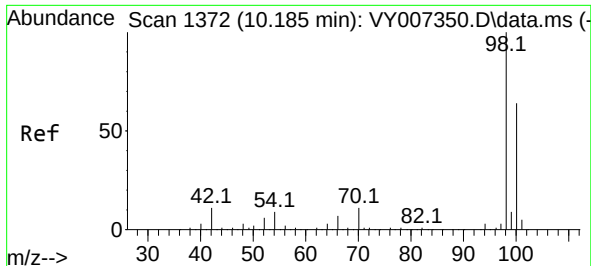
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

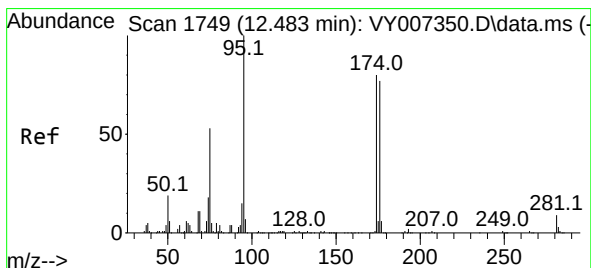
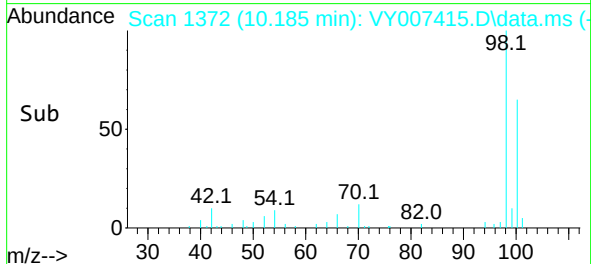
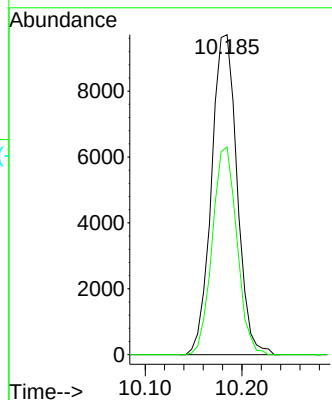
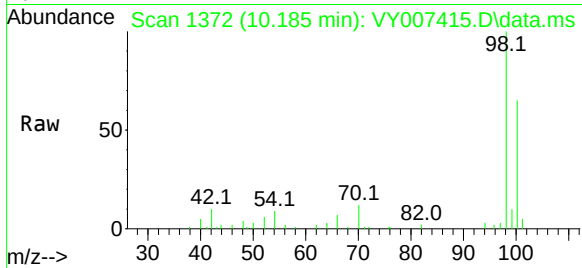




#50
Toluene-d8
Concen: 48.892 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

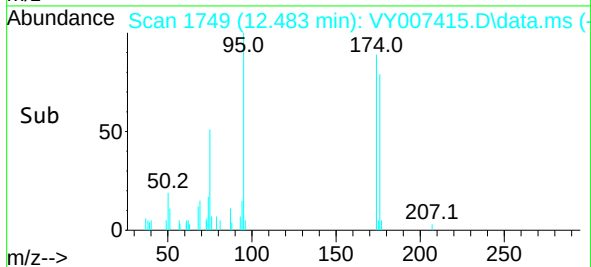
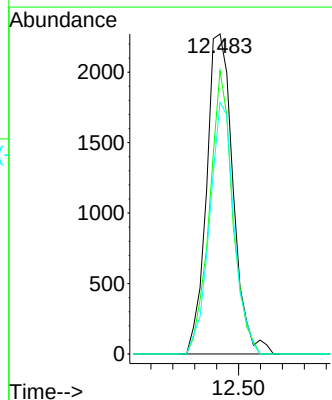
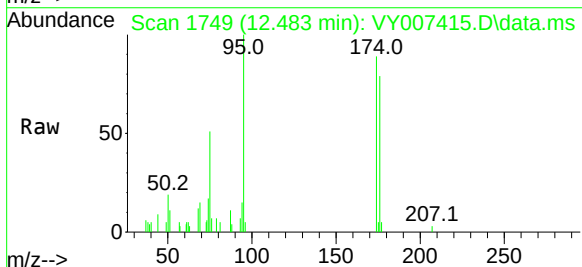
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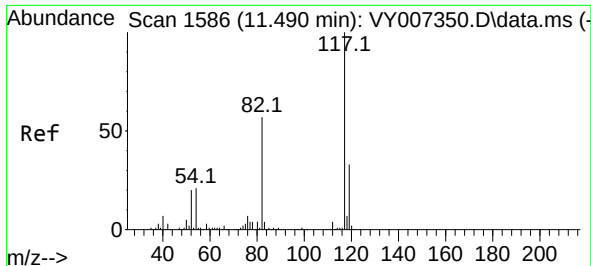
Tgt Ion: 98 Resp: 17844
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.673 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Tgt Ion: 95 Resp: 3805
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 72.7 0.0 175.8

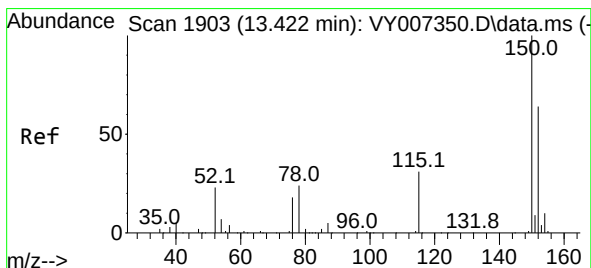
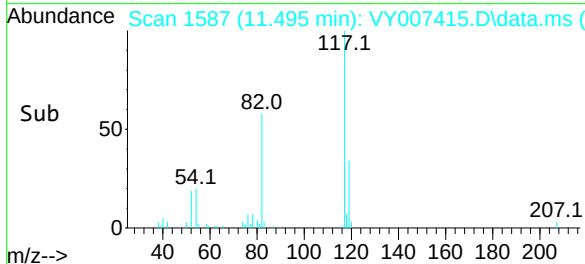
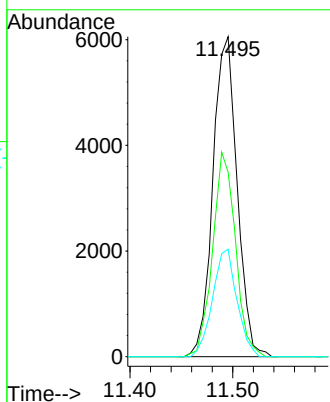
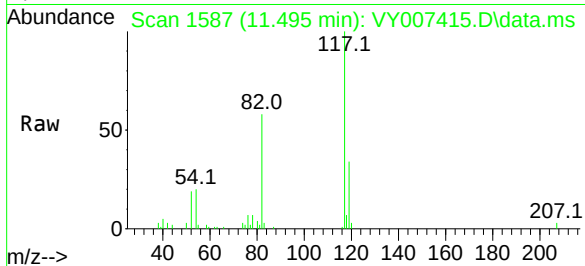




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

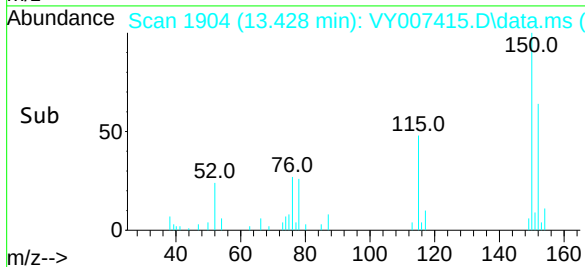
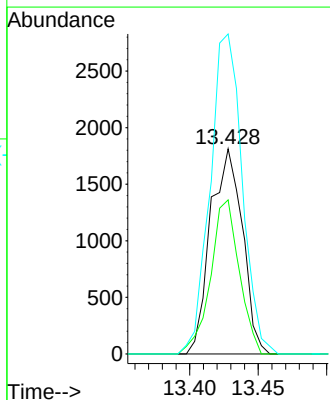
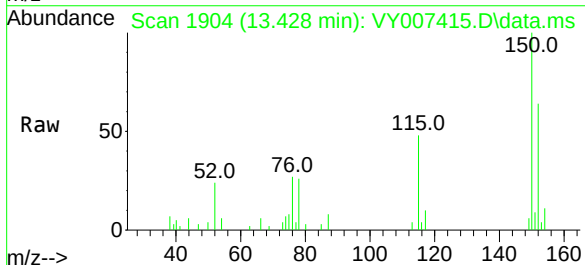
Instrument :
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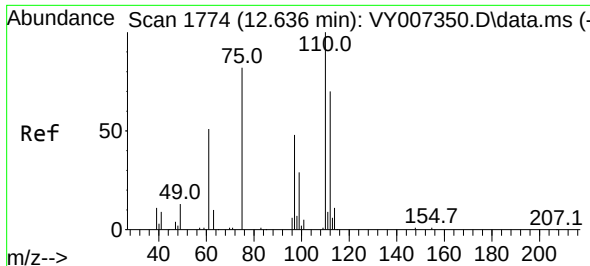
Tgt Ion:	117	Resp:	9883
Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.0	64.4
119	33.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Tgt Ion:	152	Resp:	2931
Ion	Ratio	Lower	Upper
152	100		
115	67.6	28.2	84.7
150	157.1	0.0	347.6

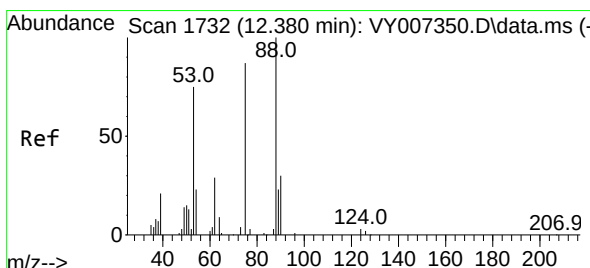
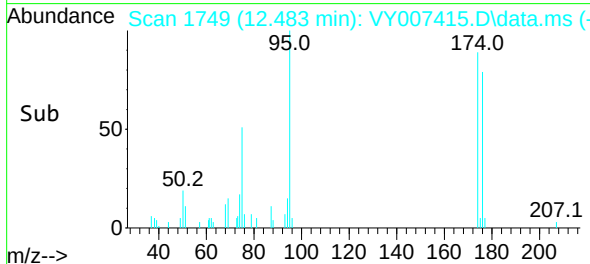
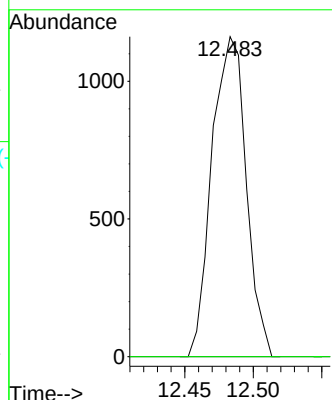
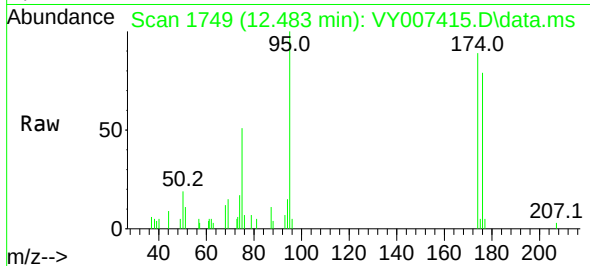




#76
1,2,3-Trichloropropane
Concen: 57.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-020422

Tgt Ion: 75 Resp: 2019
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 116.086 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007415.D
Acq: 07 Feb 2022 16:05

Tgt Ion: 75 Resp: 2019
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

