

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008417.D
 Acq On : 20 Apr 2022 14:44
 Operator : KP/MD
 Sample : N2451-03
 Misc : 7.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9145

Quant Time: Apr 21 02:39:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

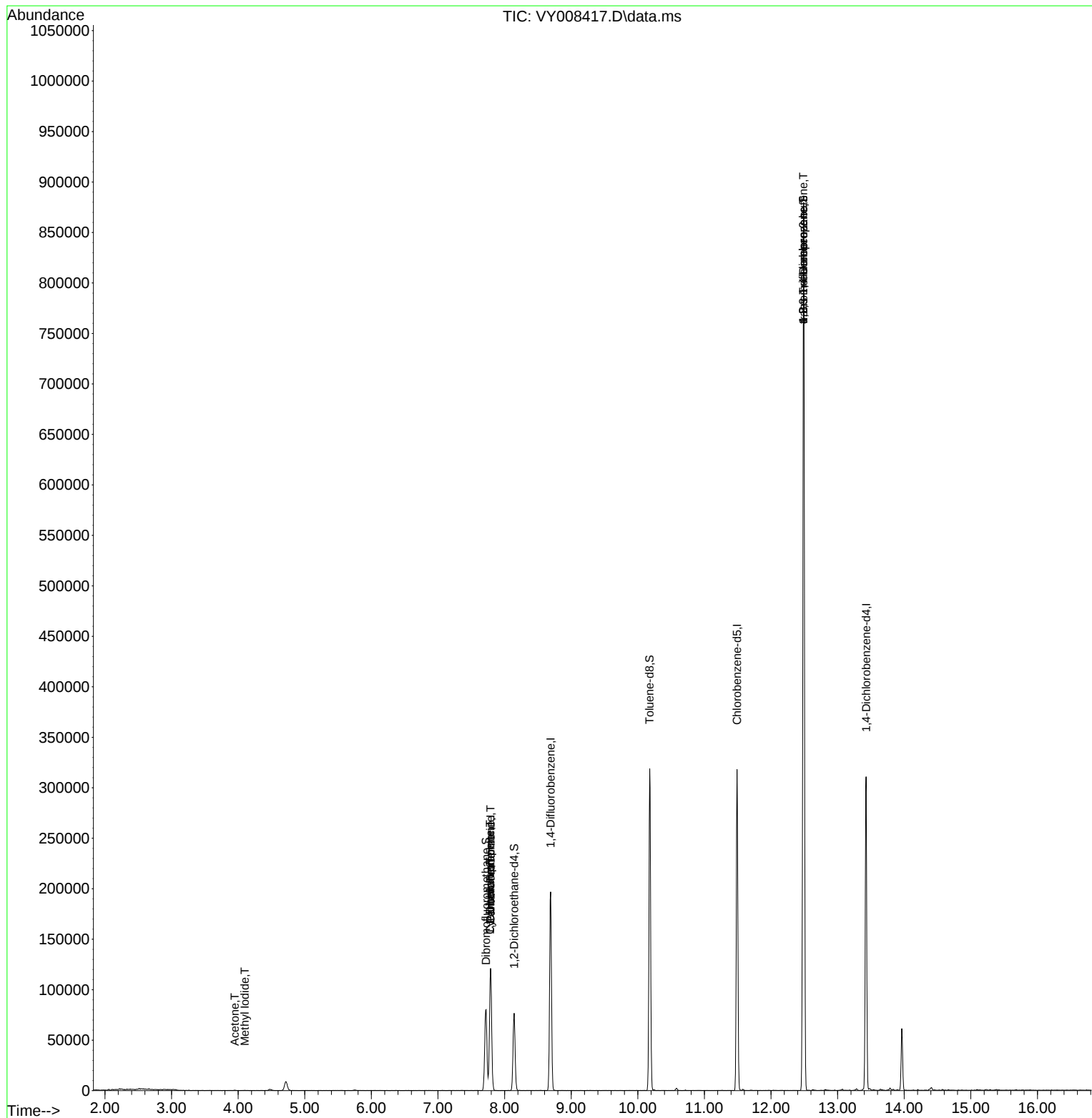
Internal Standards						
1) Pentafluorobenzene	7.789	168	94978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57627	64.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.180%	
35) Dibromofluoromethane	7.722	113	56077	55.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.680%	
50) Toluene-d8	10.179	98	217145	62.631	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.260%	
62) 4-Bromofluorobenzene	12.483	95	79926	61.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	172	Below Cal	#	44
5) Bromomethane	2.662	94	183	Below Cal		84
10) Methyl Iodide	4.100	142	122	2.491	ug/l #	35
16) Acetone	3.948	43	429	1.999	ug/l #	47
18) Methyl Acetate	4.472	43	2464	Below Cal	#	85
20) Methylene Chloride	4.710	84	7129	Below Cal	#	76
31) Cyclohexane	7.783	56	2039	1.264	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7358	4.548	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9642	5.539	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47819	55.241	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47819	123.601	ug/l #	9

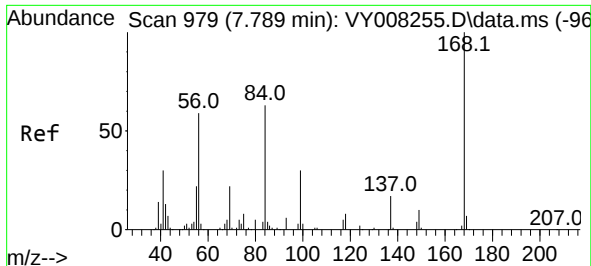
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
Data File : VY008417.D
Acq On : 20 Apr 2022 14:44
Operator : KP/MD
Sample : N2451-03
Misc : 7.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

Quant Time: Apr 21 02:39:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

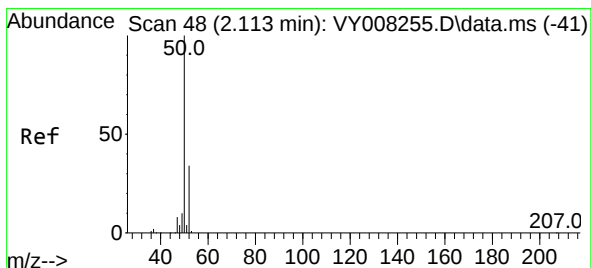
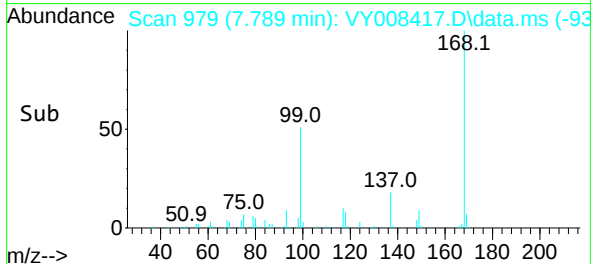
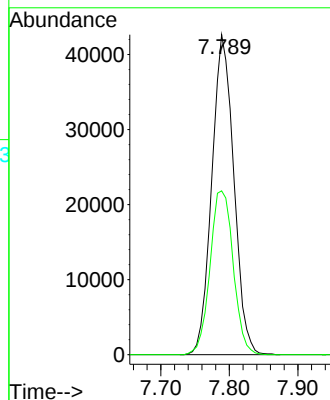
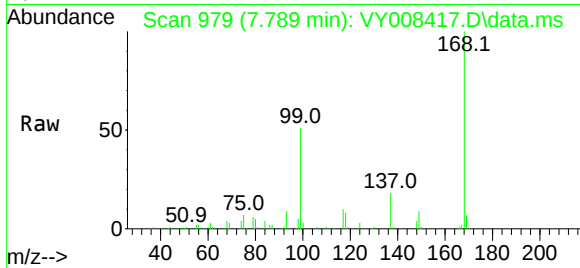




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

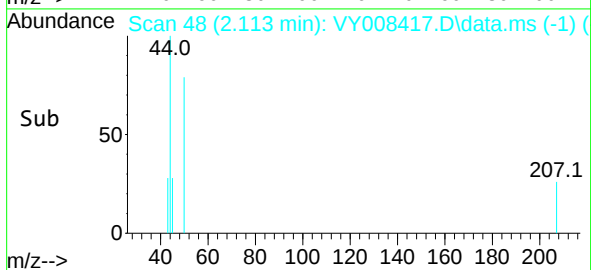
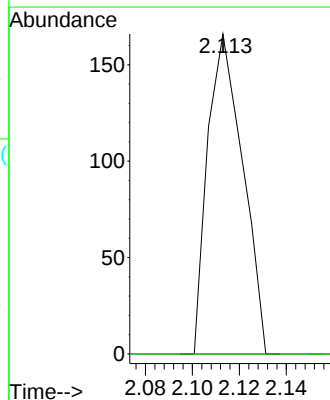
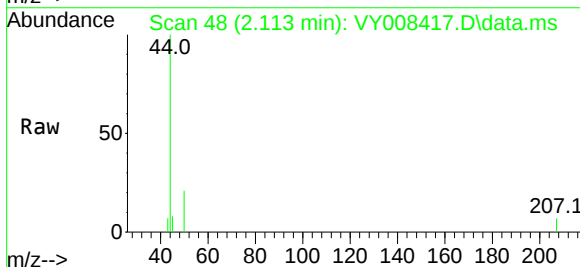
Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

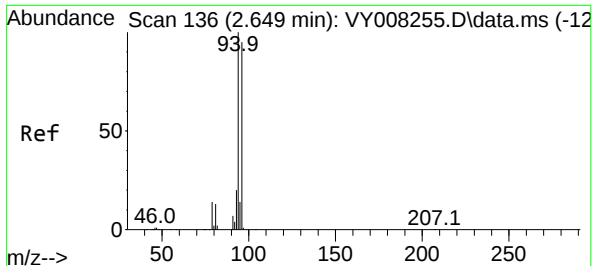
Tgt Ion:168 Resp: 94978
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Tgt Ion: 50 Resp: 172
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

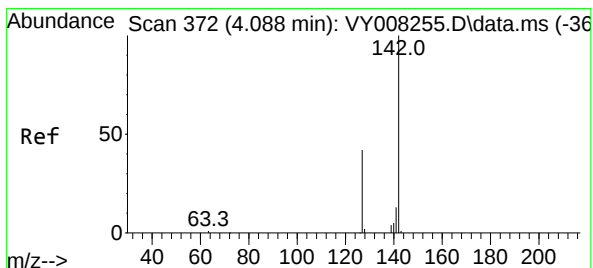
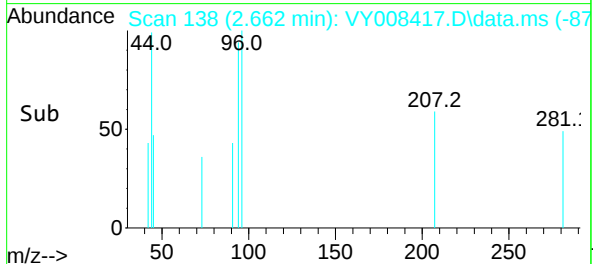
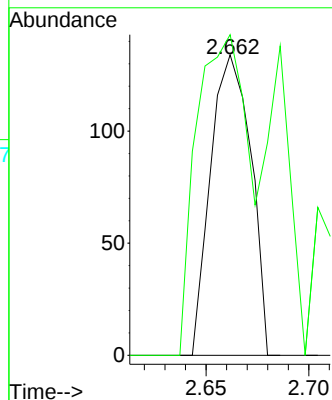
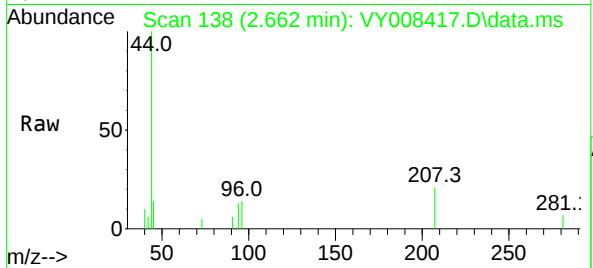




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

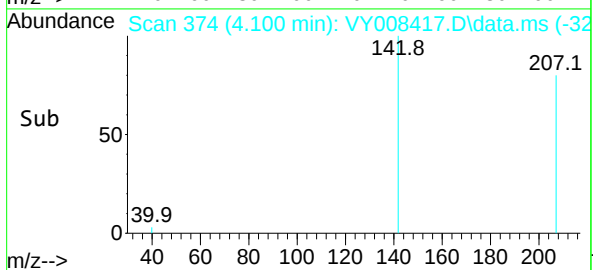
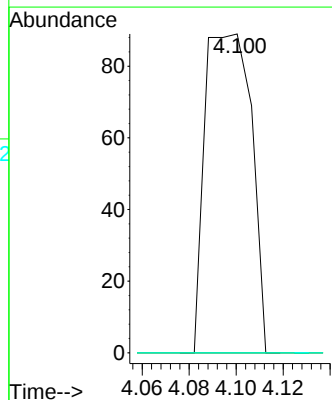
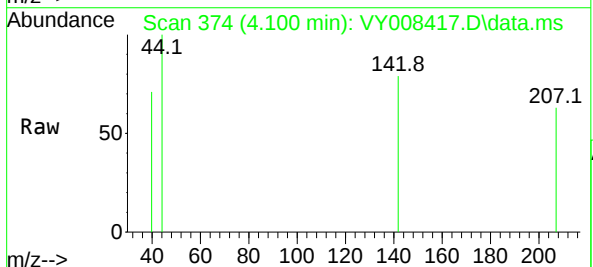
Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

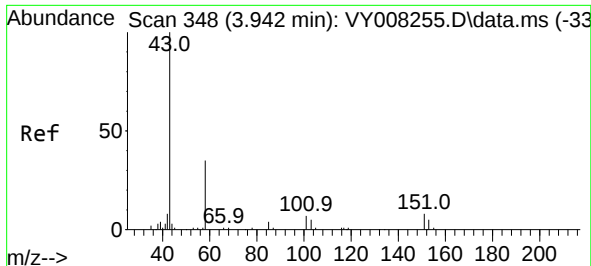
Tgt Ion: 94 Resp: 183
Ion Ratio Lower Upper
94 100
96 106.7 73.5 110.3



#10
Methyl Iodide
Concen: 2.491 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Tgt Ion:142 Resp: 122
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

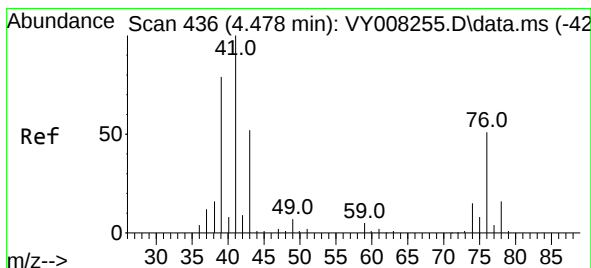
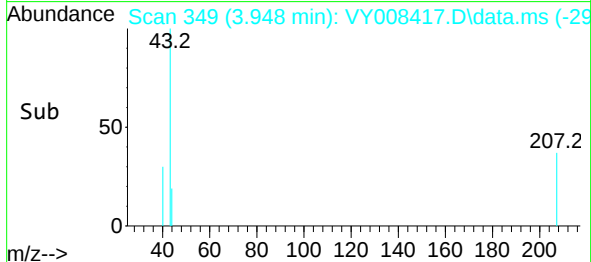
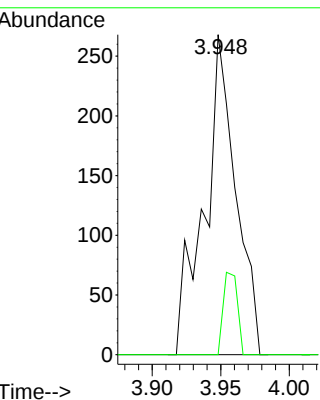
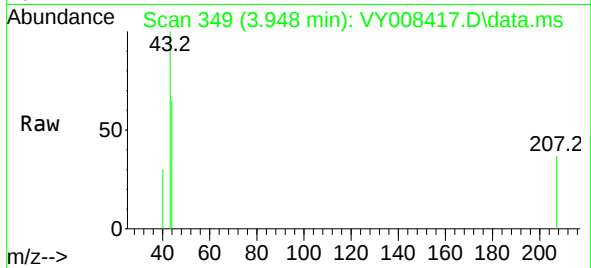




#16
Acetone
Concen: 1.999 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

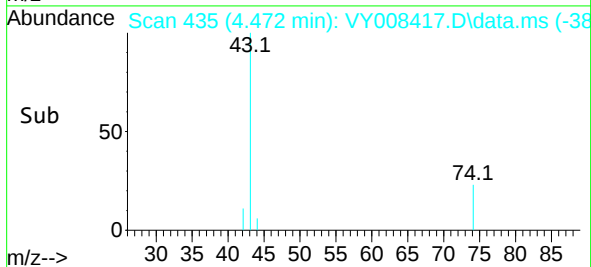
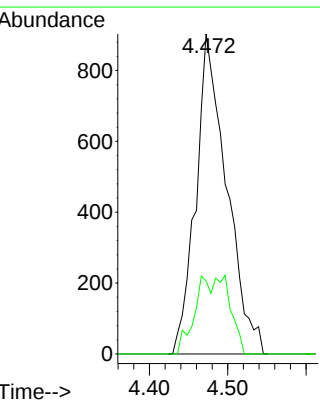
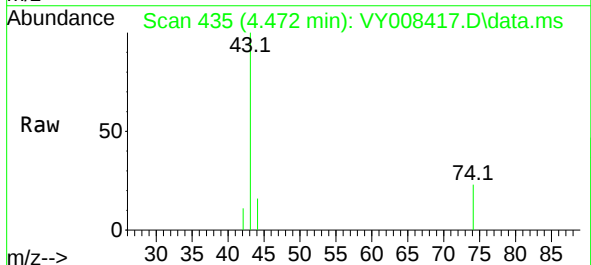
Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

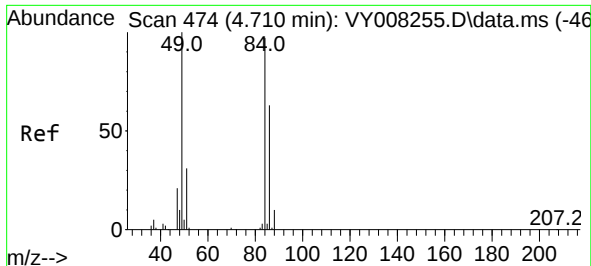
Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

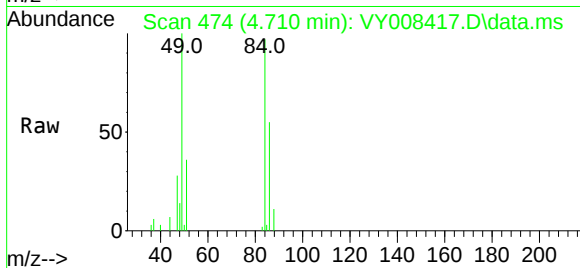
Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
74 13.7 16.6 24.8#





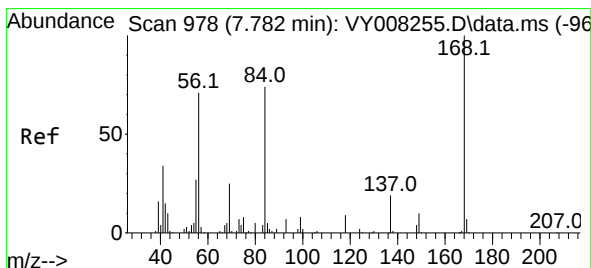
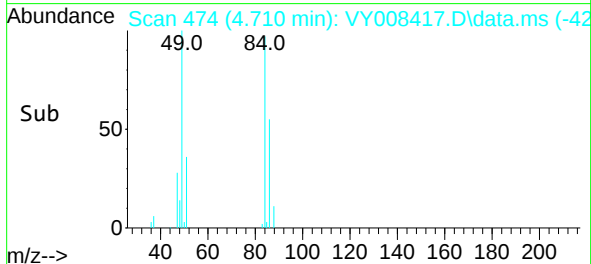
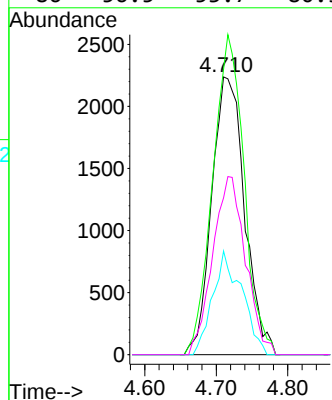
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-9145



Tgt Ion: 84 Resp: 7129

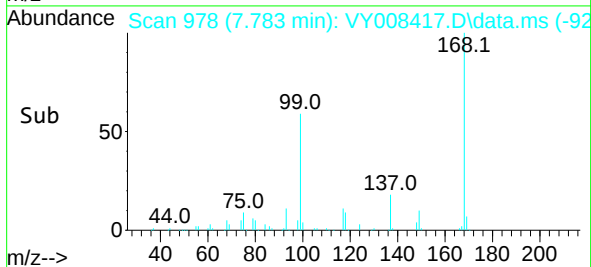
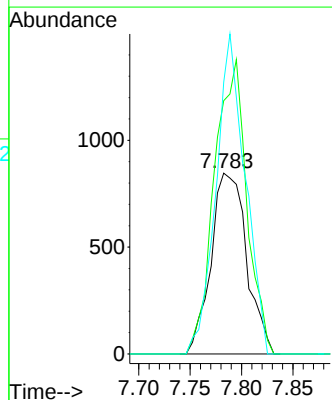
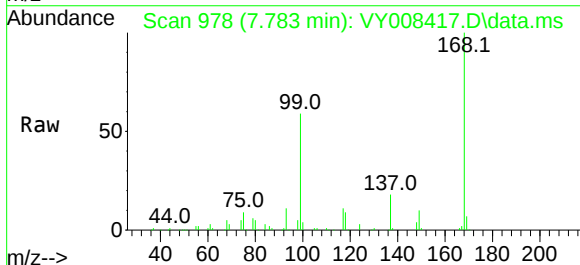
Ion	Ratio	Lower	Upper
84	100		
49	102.8	114.4	171.6#
51	37.4	35.3	52.9
86	56.5	53.7	80.5

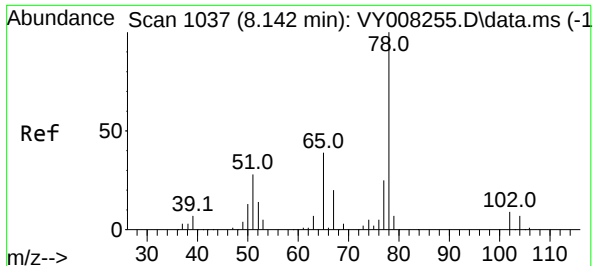


#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.001 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Tgt Ion: 56 Resp: 2039

Ion	Ratio	Lower	Upper
56	100		
69	140.2	26.7	40.1#
84	150.4	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.593 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY008417.D

Acq: 20 Apr 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

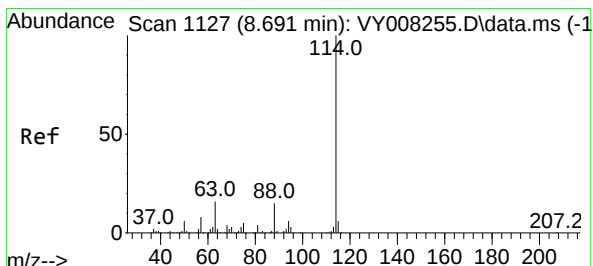
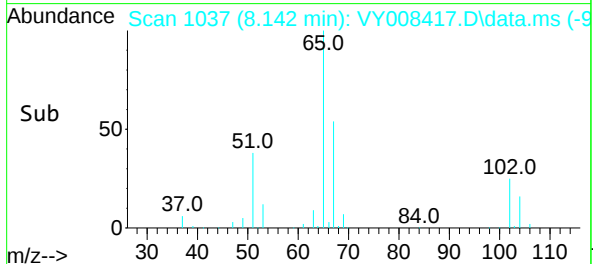
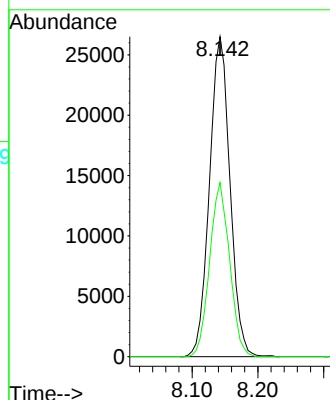
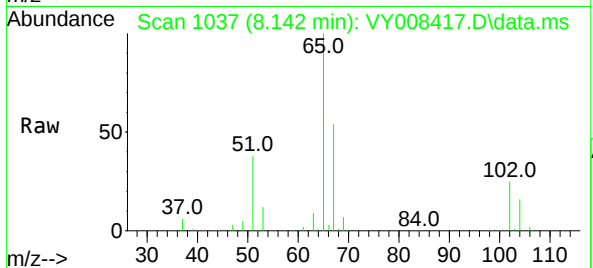
SB-9145

Tgt Ion: 65 Resp: 57627

Ion Ratio Lower Upper

65 100

67 52.8 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: VY008417.D

Acq: 20 Apr 2022 14:44

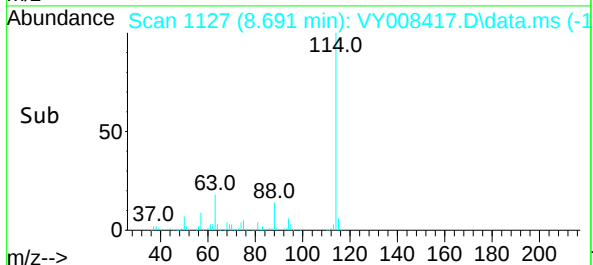
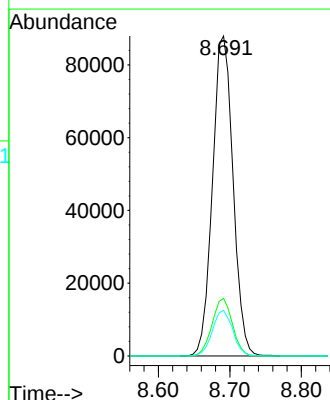
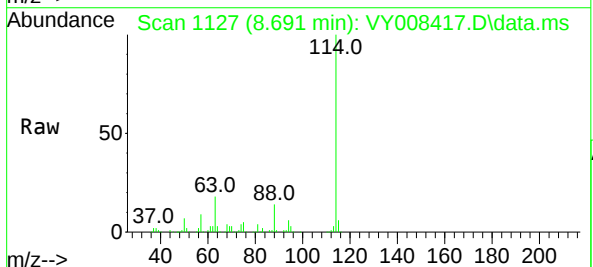
Tgt Ion: 114 Resp: 175426

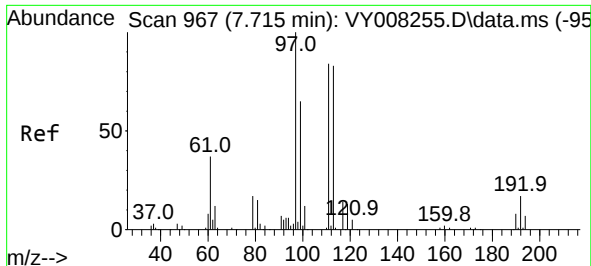
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.2 0.0 31.8

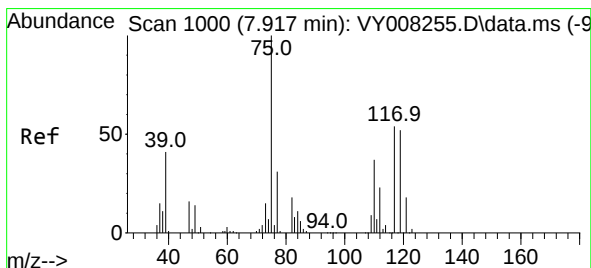
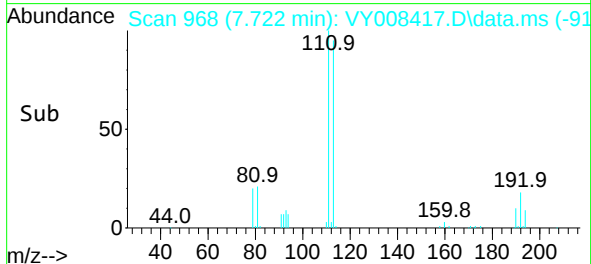
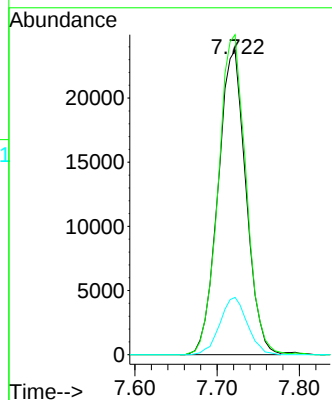
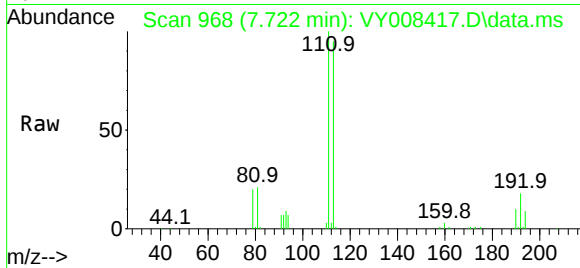




#35
Dibromofluoromethane
Concen: 55.345 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.007 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

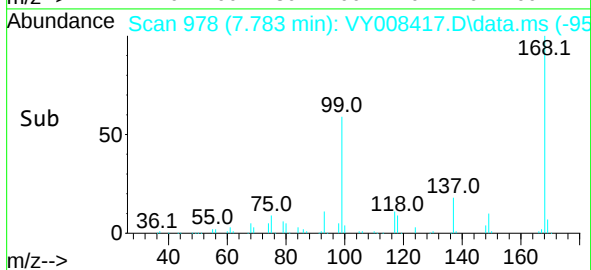
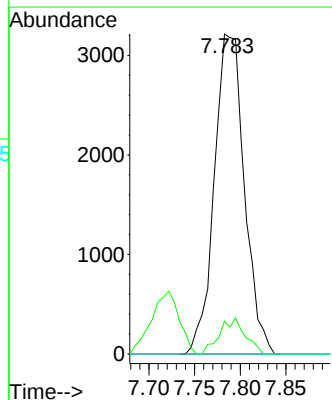
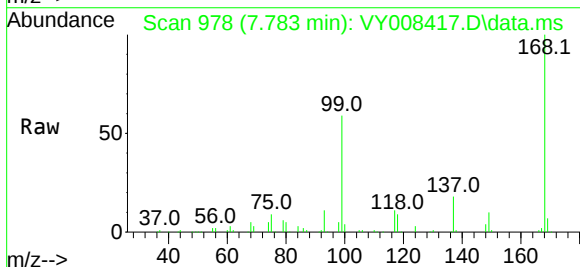
Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

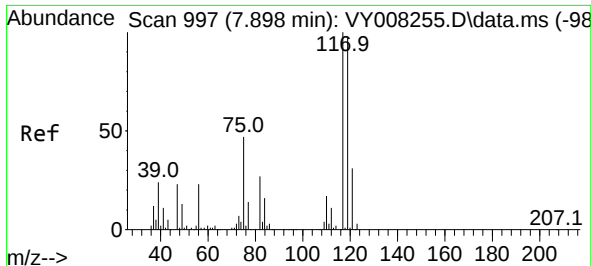
Tgt Ion:113 Resp: 56077
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.548 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Tgt Ion: 75 Resp: 7358
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

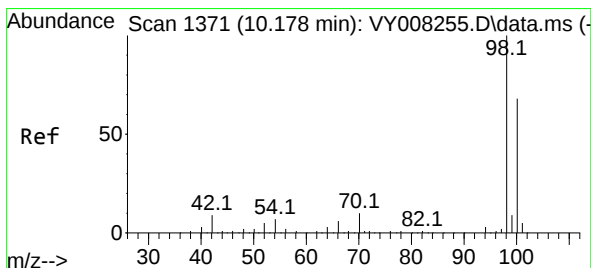
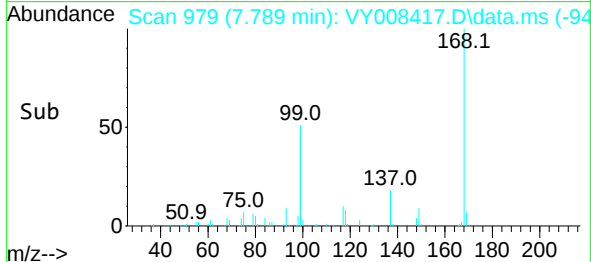
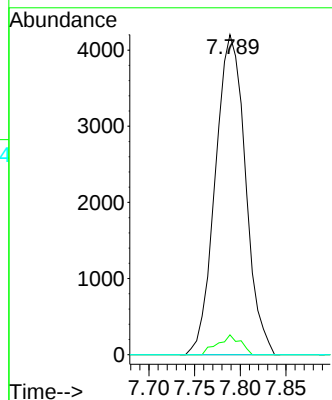
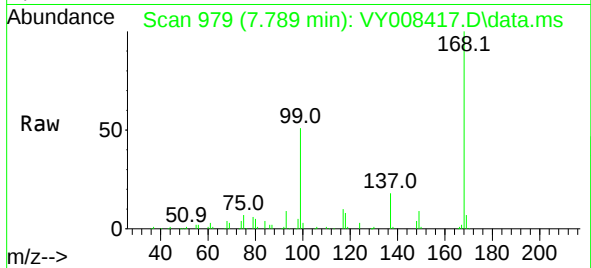




#38
Carbon Tetrachloride
Concen: 5.539 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

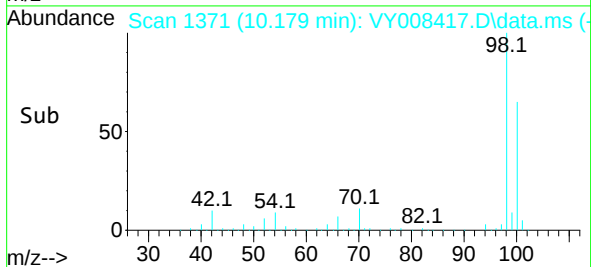
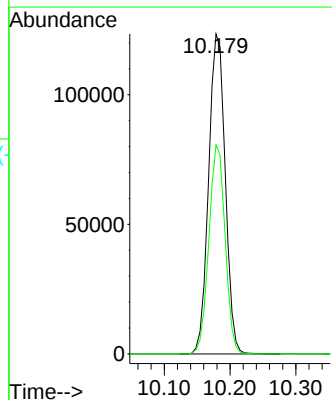
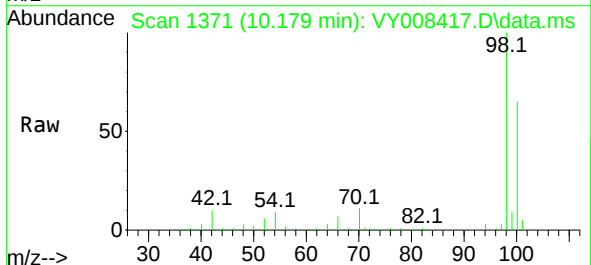
Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

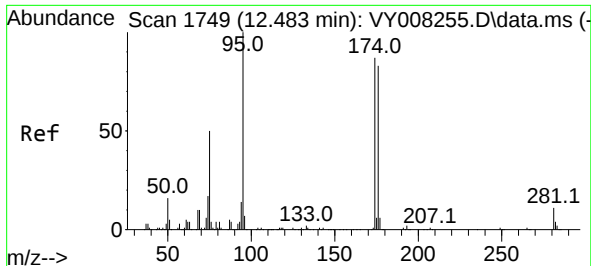
Tgt Ion:117 Resp: 9642
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 62.631 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Tgt Ion: 98 Resp: 217145
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

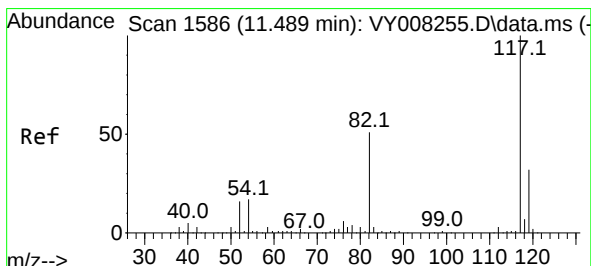
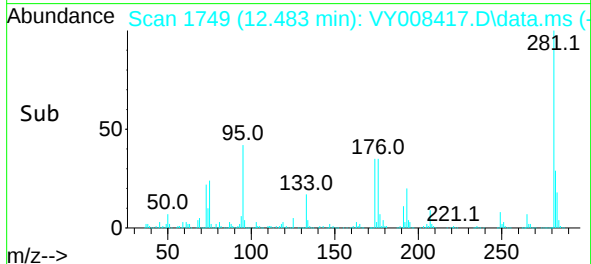
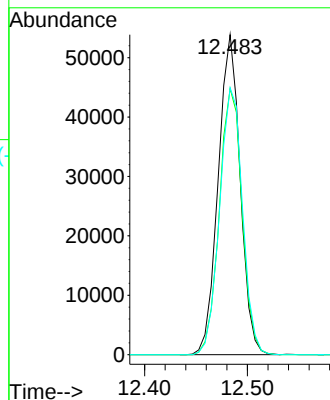
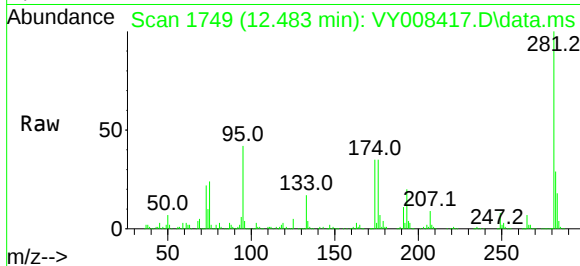




#62
4-Bromofluorobenzene
Concen: 61.291 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

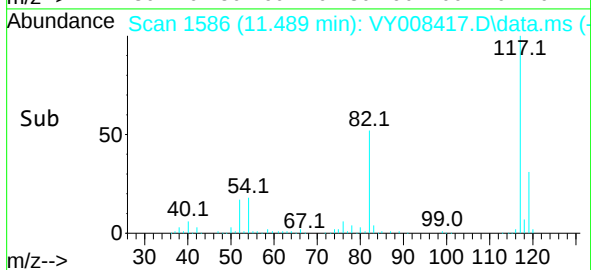
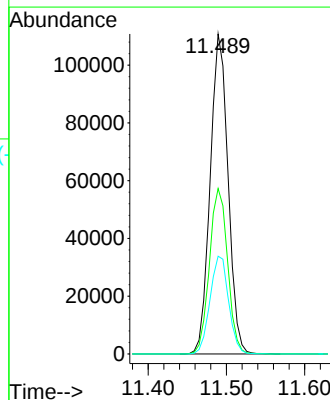
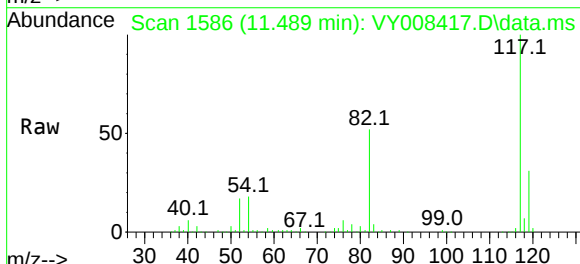
Instrument :
MSVOA_Y
ClientSampleId :
SB-9145

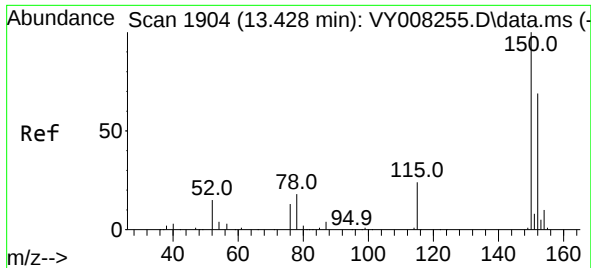
Tgt Ion: 95 Resp: 79926
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 86.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008417.D
Acq: 20 Apr 2022 14:44

Tgt Ion: 117 Resp: 175295
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 30.6 25.4 38.0

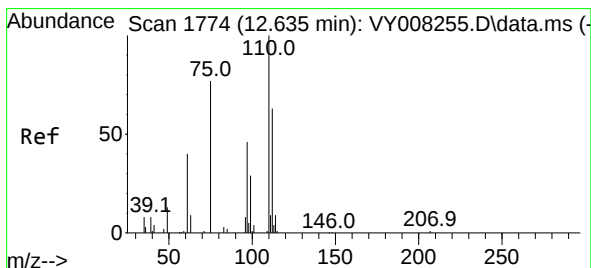
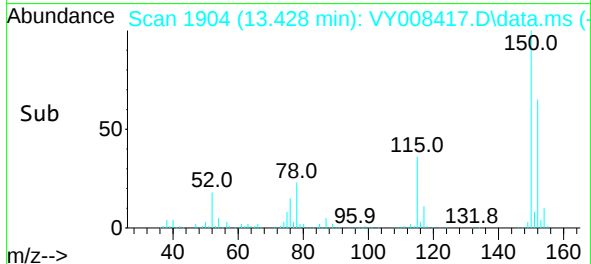
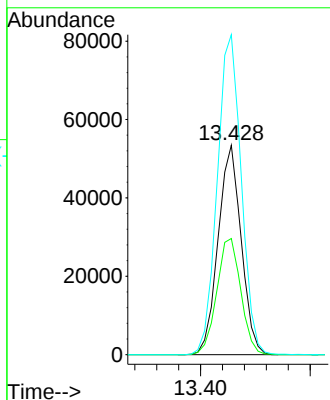
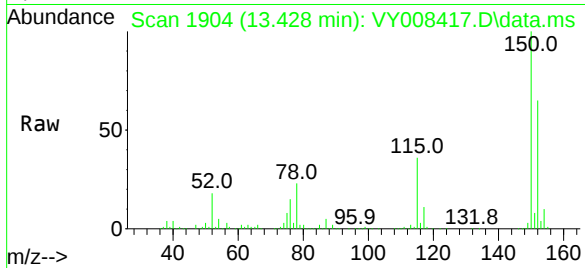




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008417.D
 Acq: 20 Apr 2022 14:44

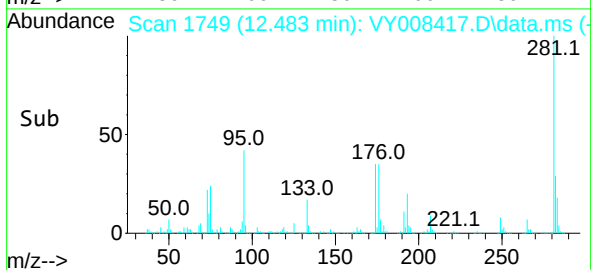
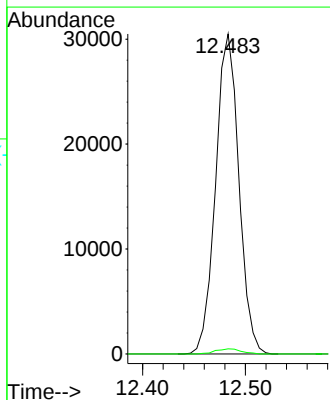
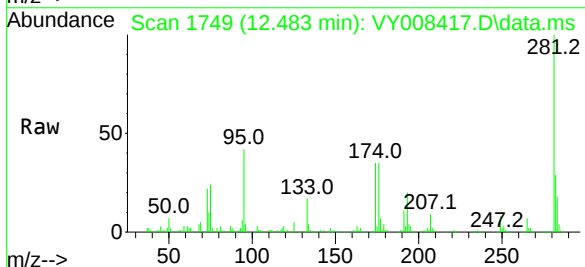
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9145

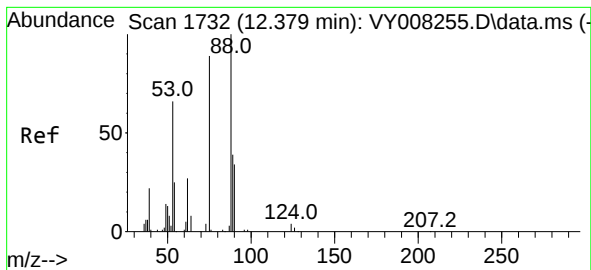
Tgt Ion:152 Resp: 78269
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 158.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 55.241 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008417.D
 Acq: 20 Apr 2022 14:44

Tgt Ion: 75 Resp: 47819
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.601 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008417.D
 Acq: 20 Apr 2022 14:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9145

Tgt Ion: 75 Resp: 47819
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 4.4 37.0 55.4#

