

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007731.D
 Acq On : 04 Mar 2022 02:54
 Operator : SY/MD
 Sample : N1730-10
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 19-20-SAMPLE-LOCATION-10

Quant Time: Mar 04 07:31:46 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)

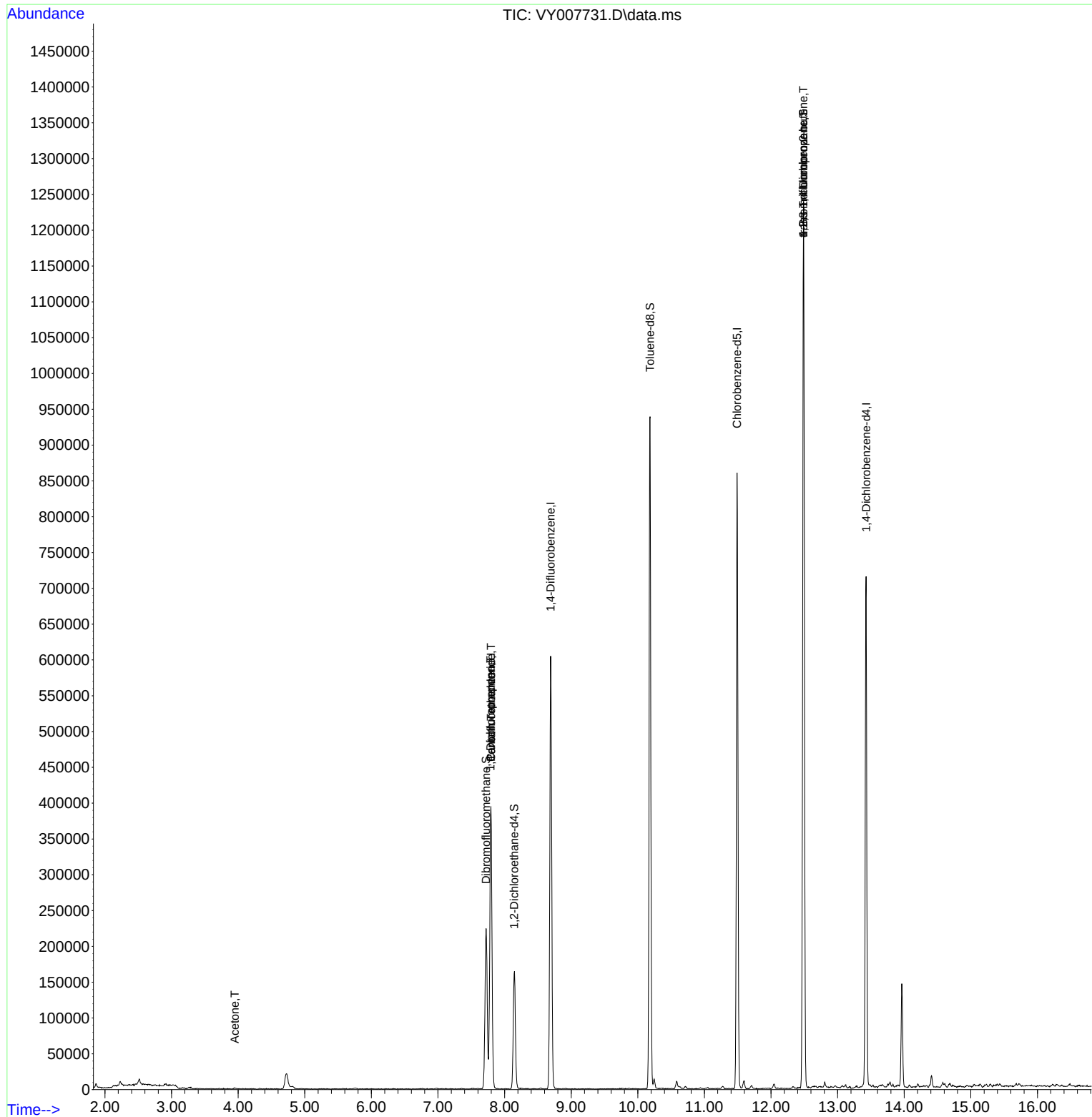
Internal Standards						
1) Pentafluorobenzene	7.795	168	318824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	528640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	469797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	127492	38.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.400%
35) Dibromofluoromethane	7.722	113	152088	45.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.000%
50) Toluene-d8	10.185	98	629573	50.604	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.483	95	174148	43.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.860%
Target Compounds						
2) Dichlorodifluoromethane	1.912	85	123	Below Cal	#	44
3) Chloromethane	2.119	50	745	Below Cal	#	64
13) Acrolein	3.863	56	26	Below Cal	#	14
16) Acetone	3.948	43	2065	3.041	ug/l #	82
17) Carbon Disulfide	4.204	76	132	Below Cal	#	75
18) Methyl Acetate	4.485	43	526	Below Cal	#	56
31) Cyclohexane	7.789	56	6878	Below Cal	#	2
36) 1,1-Dichloropropene	7.789	75	23254	4.374	ug/l #	52
38) Carbon Tetrachloride	7.795	117	30411	5.362	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	103945	51.120	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	103945	104.509	ug/l #	8

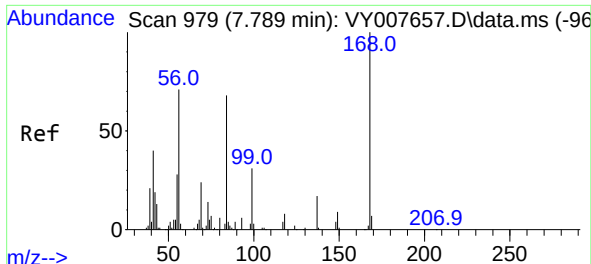
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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19-20-SAMPLE-LOCATION-10

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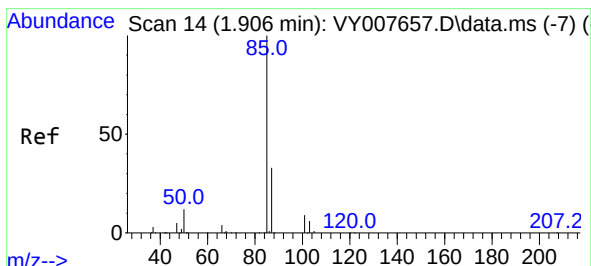
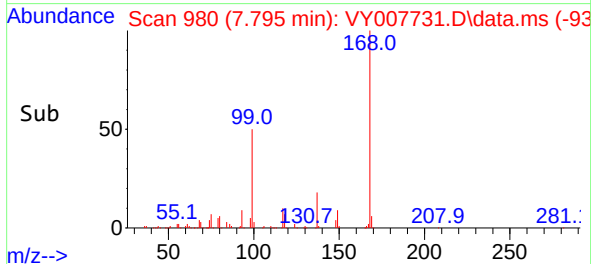
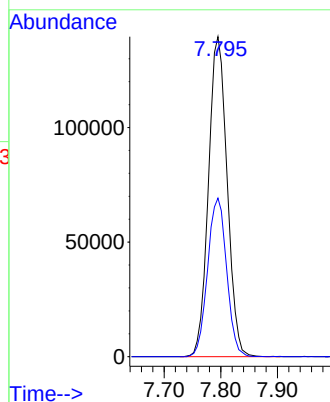
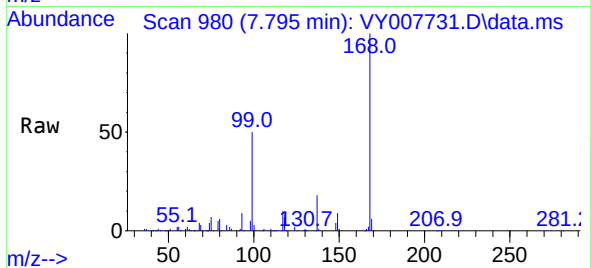




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

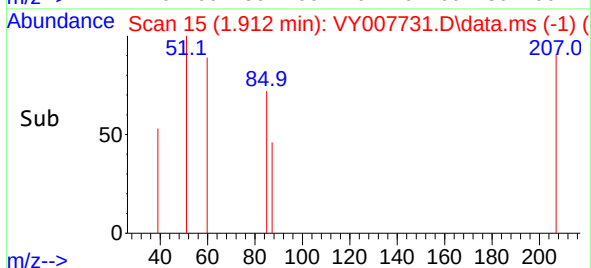
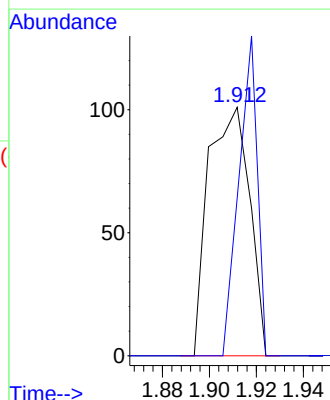
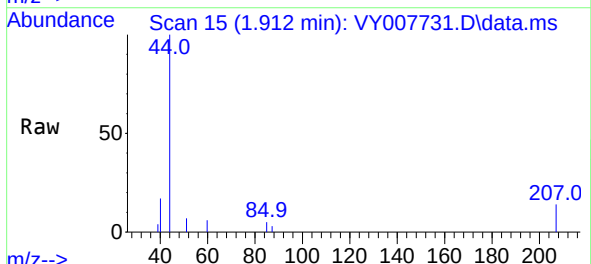
Instrument :
MSVOA_Y
ClientSampleId :
19-20-SAMPLE-LOCATION-10

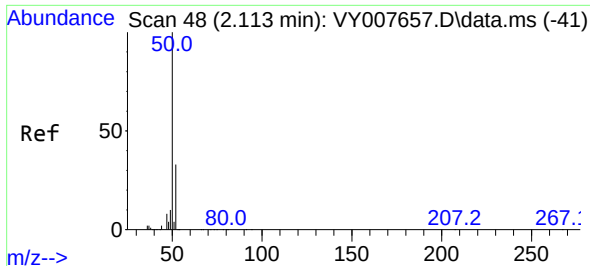
Tgt Ion:168 Resp: 318824
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Tgt Ion: 85 Resp: 123
Ion Ratio Lower Upper
85 100
87 63.4 16.1 48.2#

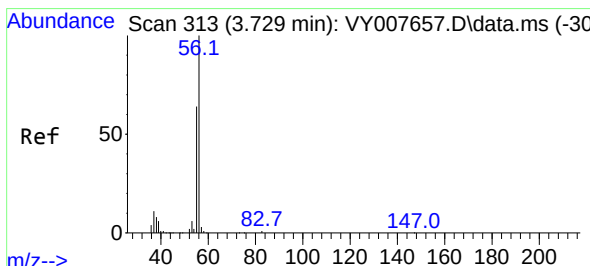
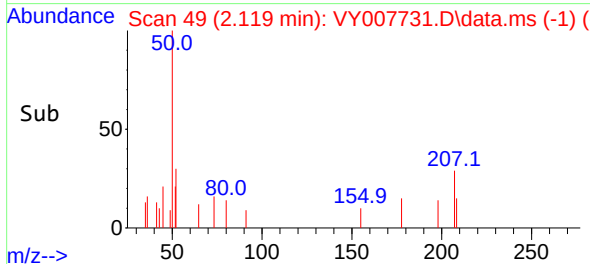
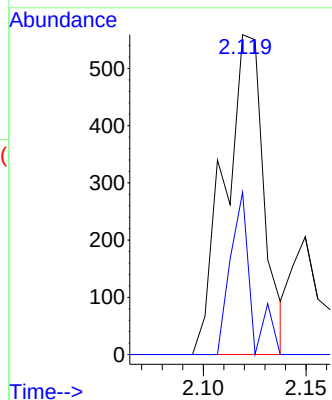
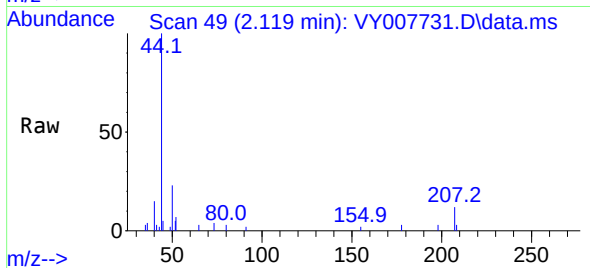




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

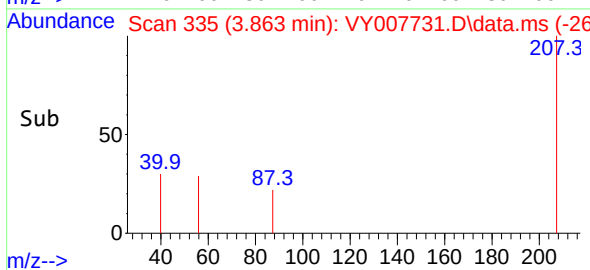
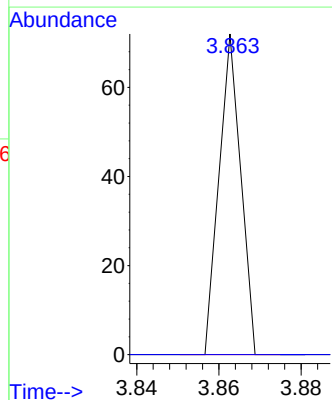
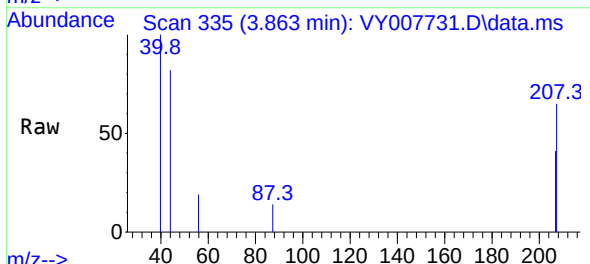
Instrument :
MSVOA_Y
ClientSampleId :
19-20-SAMPLE-LOCATION-10

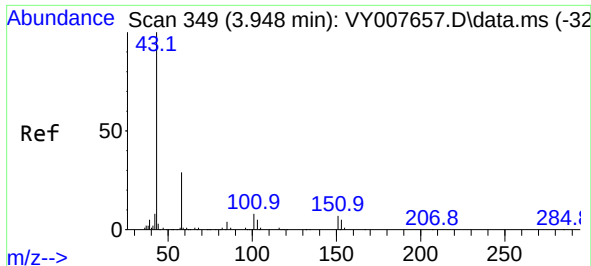
Tgt Ion: 50 Resp: 745
Ion Ratio Lower Upper
50 100
52 50.8 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.863 min Scan# 335
Delta R.T. 0.134 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

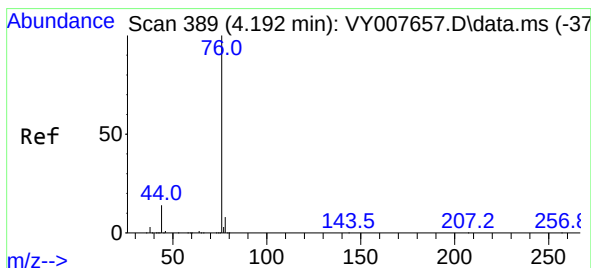
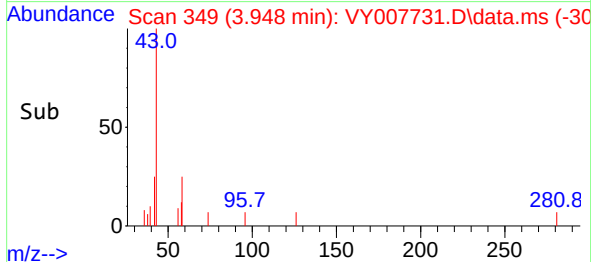
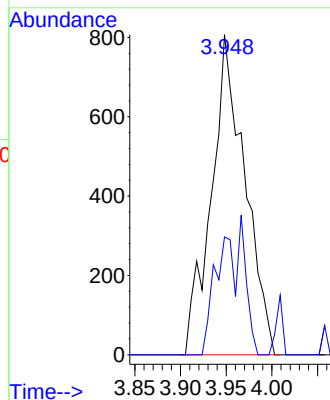
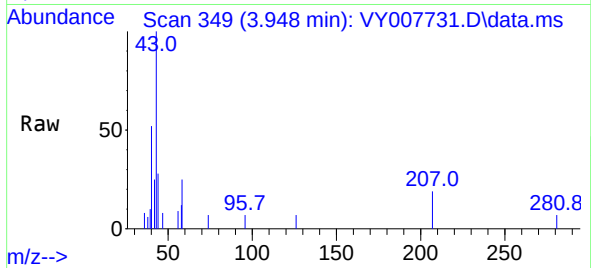




#16
Acetone
Concen: 3.041 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

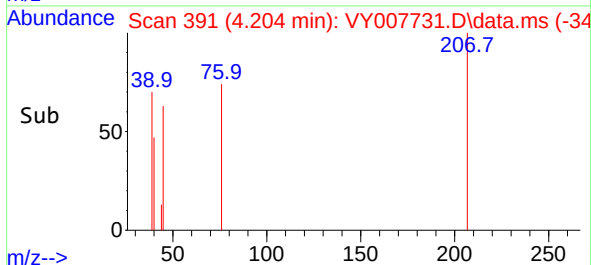
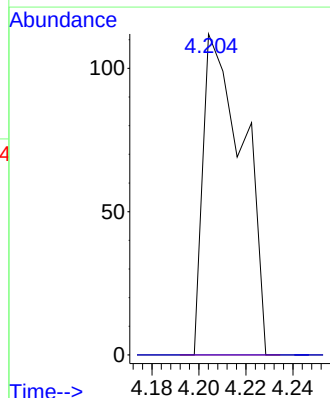
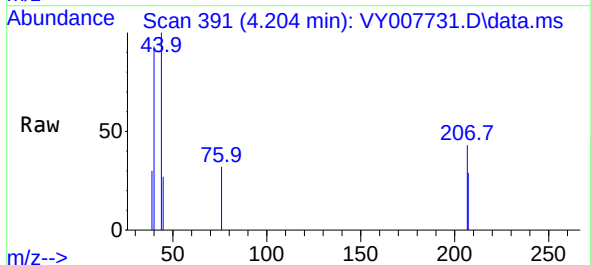
Instrument : MSVOA_Y
ClientSampleId : 19-20-SAMPLE-LOCATION-10

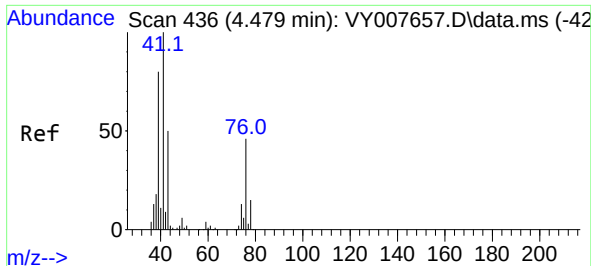
Tgt Ion: 43 Resp: 2065
Ion Ratio Lower Upper
43 100
58 36.8 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Tgt Ion: 76 Resp: 132
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

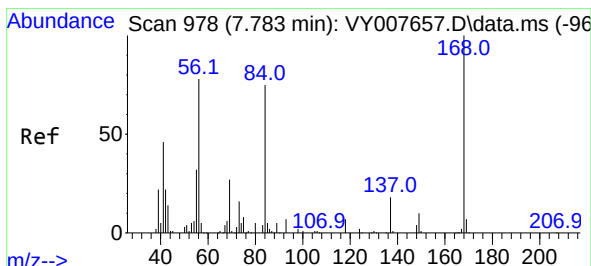
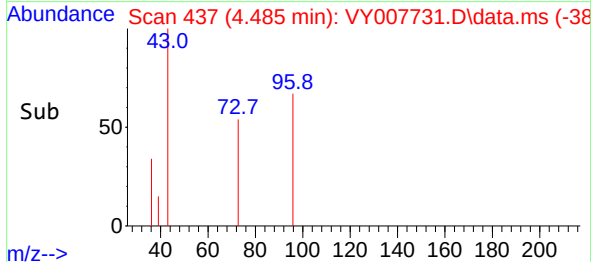
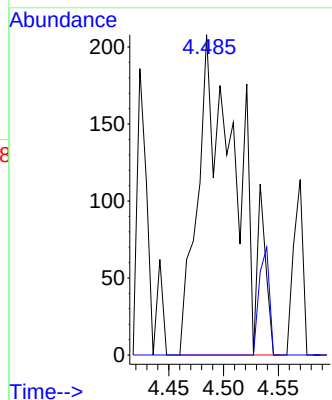
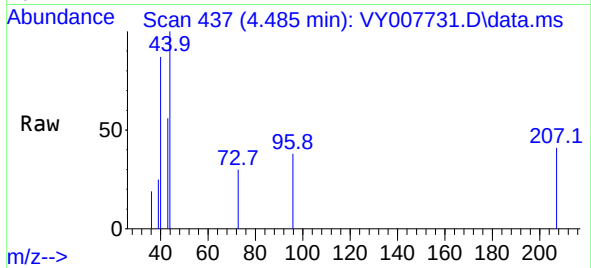




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

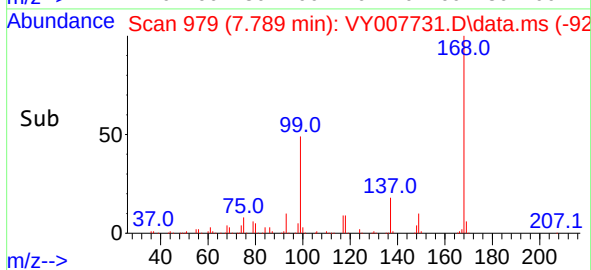
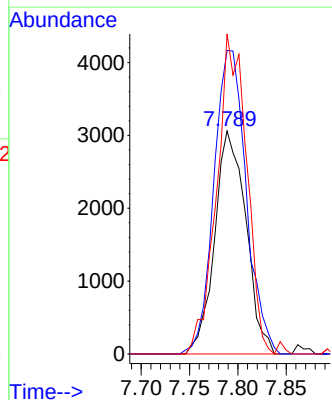
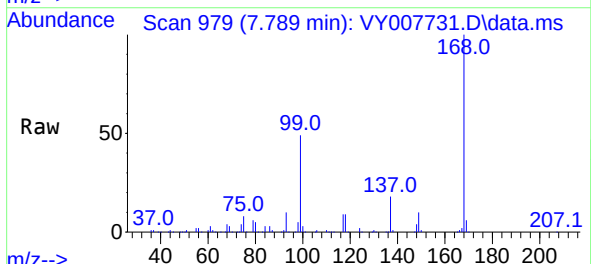
Instrument :
MSVOA_Y
ClientSampleId :
19-20-SAMPLE-LOCATION-10

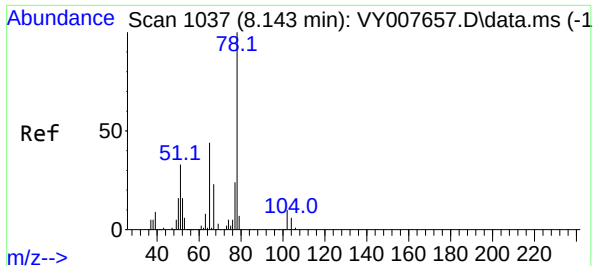
Tgt Ion: 43 Resp: 526
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Tgt Ion: 56 Resp: 6878
Ion Ratio Lower Upper
56 100
69 136.1 26.7 40.1#
84 143.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 38.196 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY007731.D

Acq: 04 Mar 2022 02:54

Instrument :

MSVOA_Y

ClientSampleId :

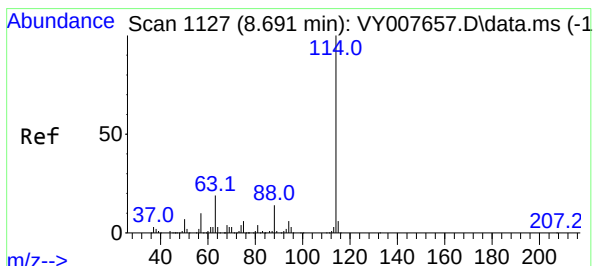
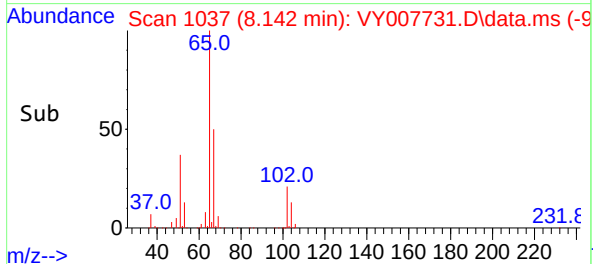
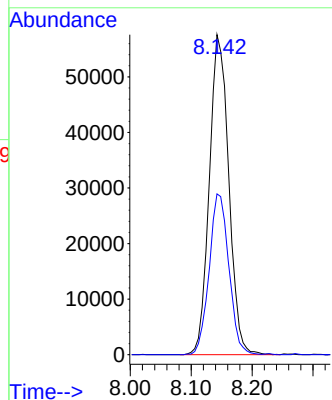
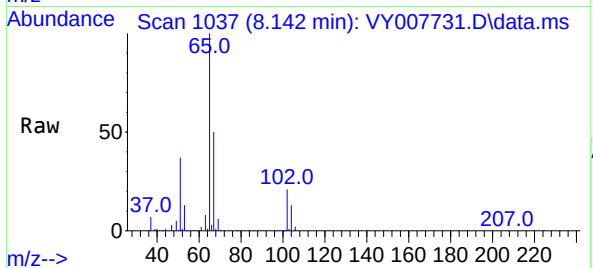
19-20-SAMPLE-LOCATION-10

Tgt Ion: 65 Resp: 127492

Ion Ratio Lower Upper

65 100

67 51.0 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: VY007731.D

Acq: 04 Mar 2022 02:54

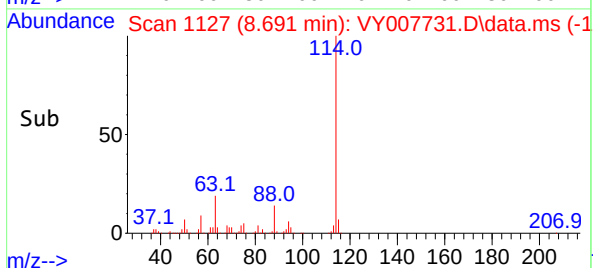
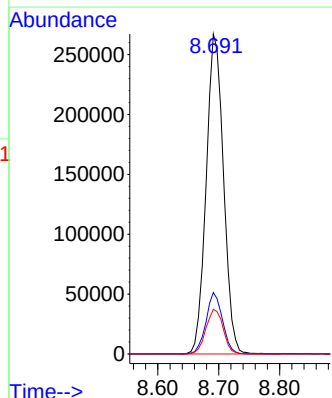
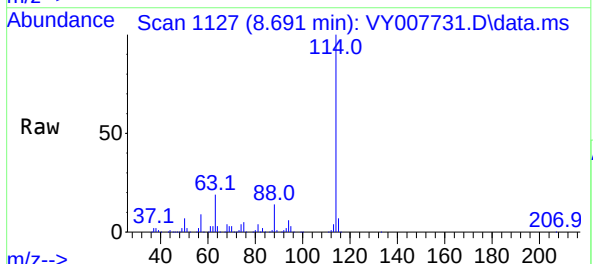
Tgt Ion: 114 Resp: 528640

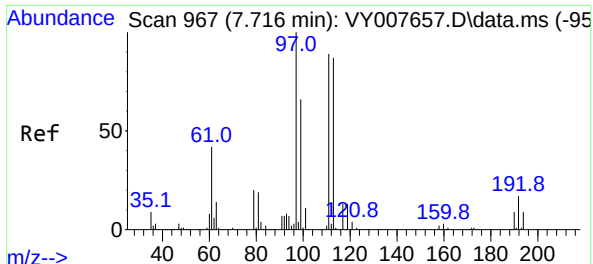
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.0 0.0 31.8

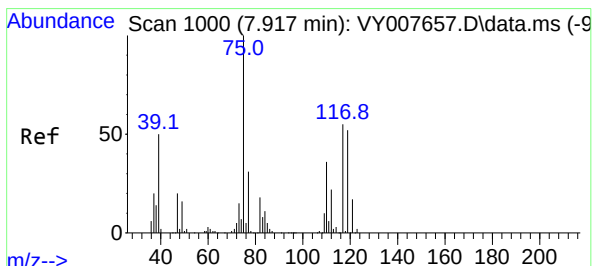
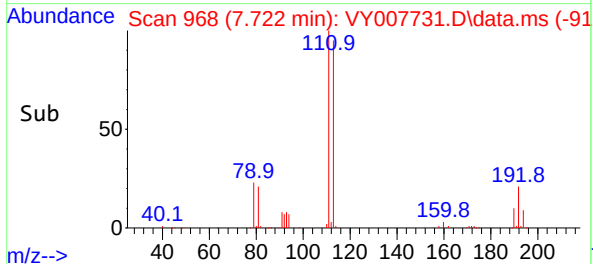
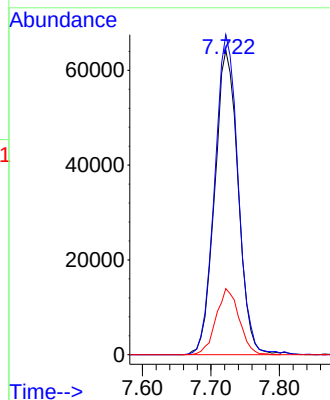
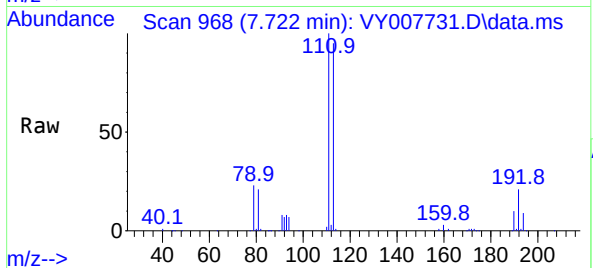




#35
Dibromofluoromethane
Concen: 45.000 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

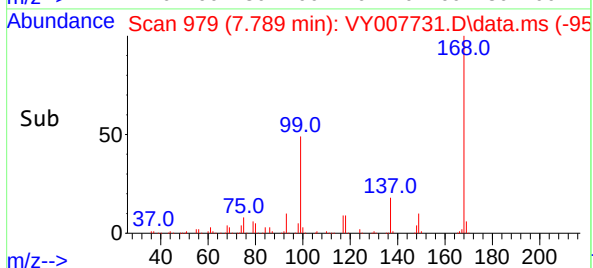
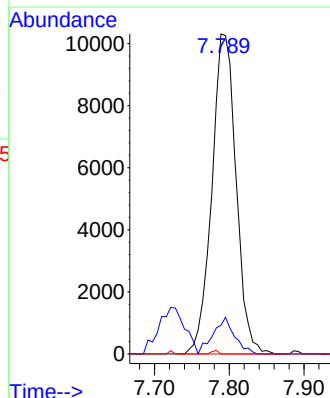
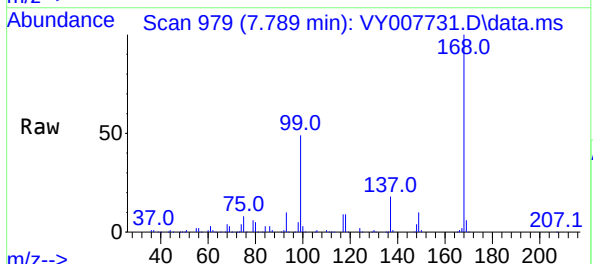
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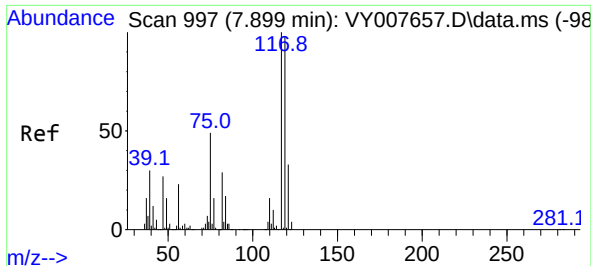
Tgt Ion:113 Resp: 152088
Ion Ratio Lower Upper
113 100
111 105.3 82.6 124.0
192 21.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.374 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Tgt Ion: 75 Resp: 23254
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.3 24.4 36.6#

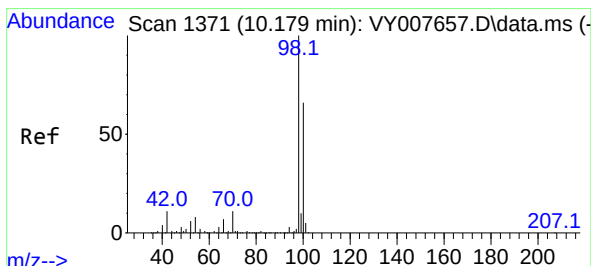
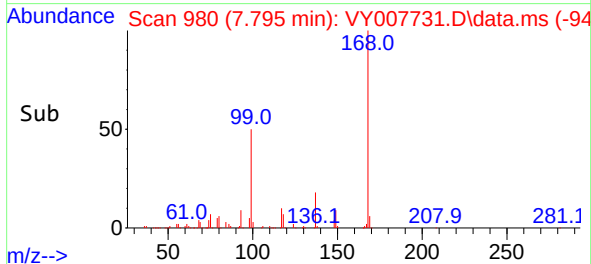
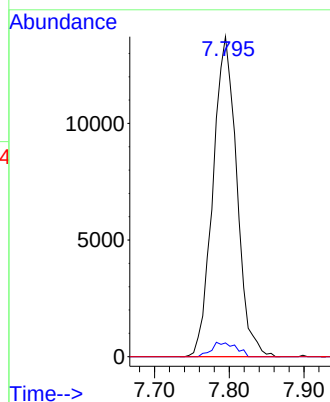
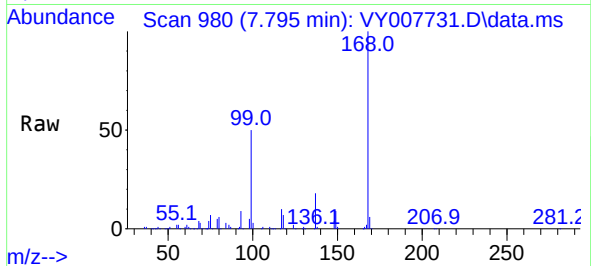




#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

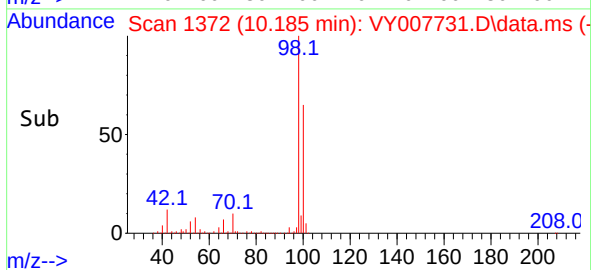
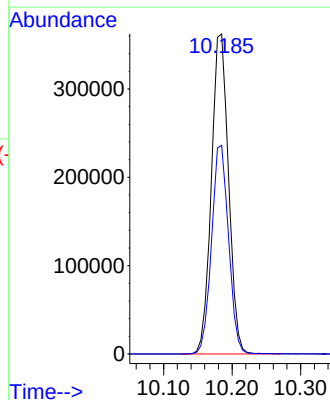
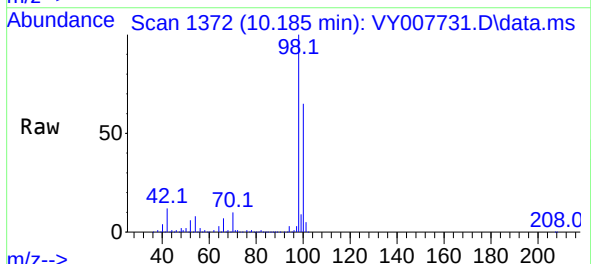
Instrument :
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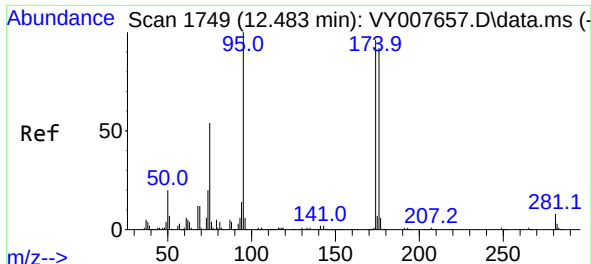
Tgt Ion:117 Resp: 30411
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.604 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Tgt Ion: 98 Resp: 629573
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

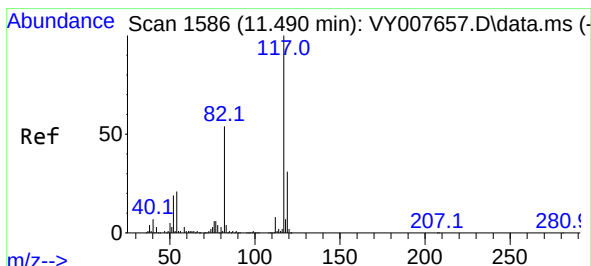
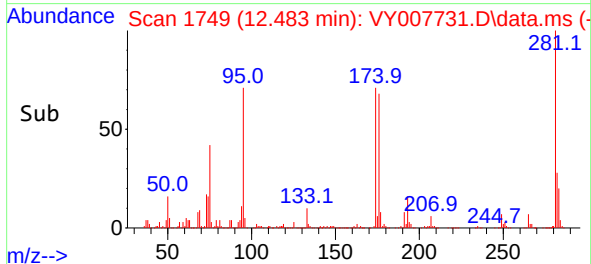
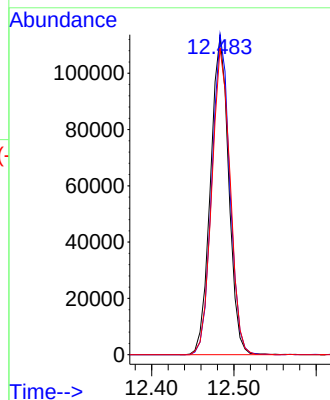
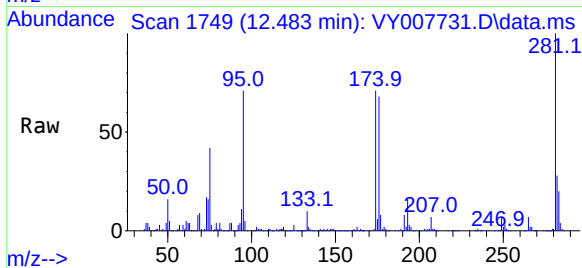




#62
4-Bromofluorobenzene
Concen: 43.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

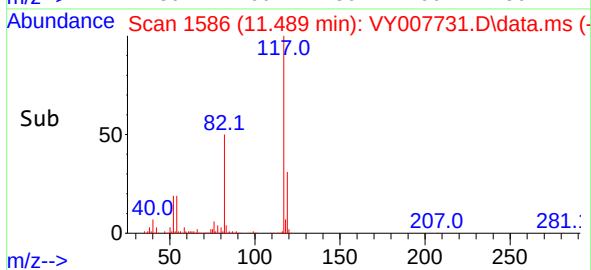
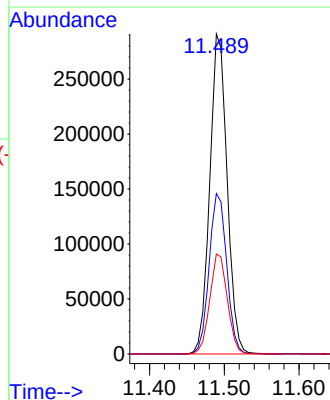
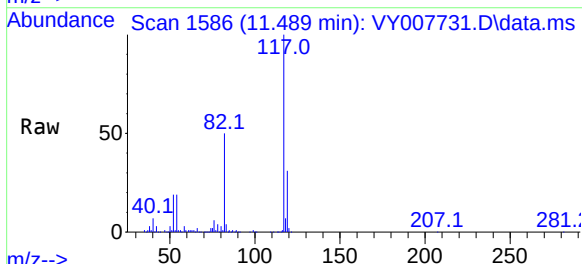
Instrument :
MSVOA_Y
ClientSampleId :
19-20-SAMPLE-LOCATION-10

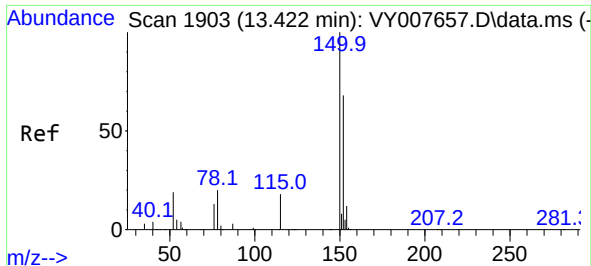
Tgt Ion: 95 Resp: 174148
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 96.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Tgt Ion: 117 Resp: 469797
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 31.3 25.4 38.0

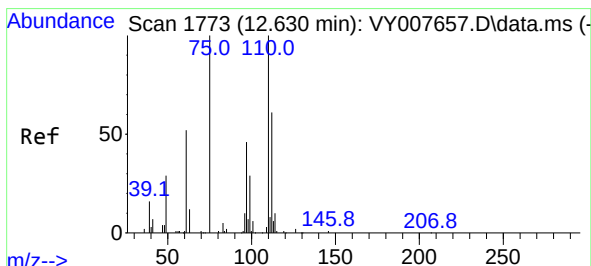
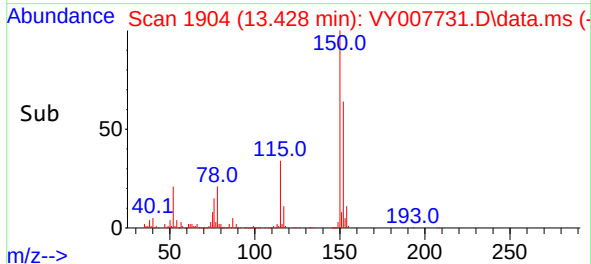
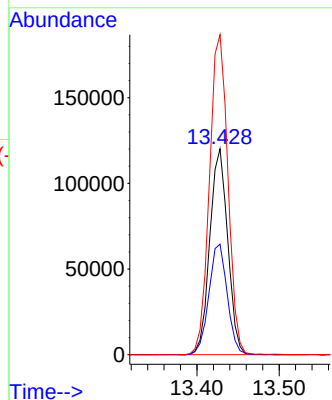
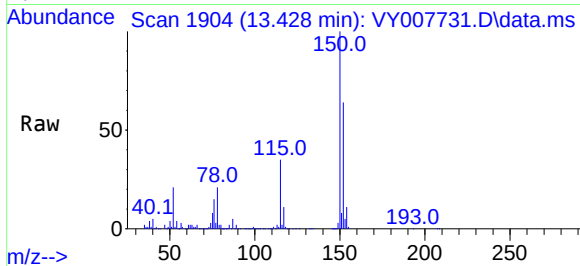




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007731.D
 Acq: 04 Mar 2022 02:54

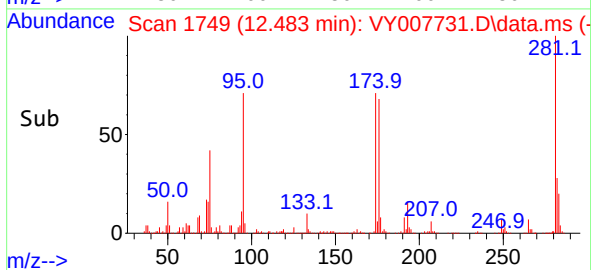
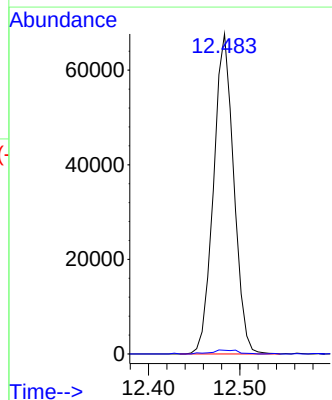
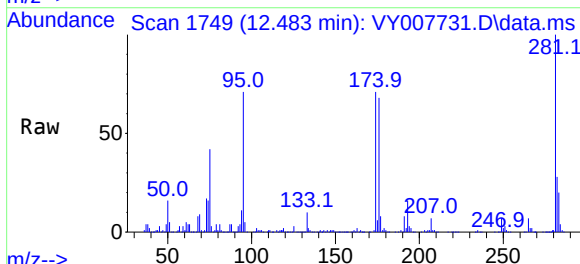
Instrument :
 MSVOA_Y
 ClientSampleId :
 19-20-SAMPLE-LOCATION-10

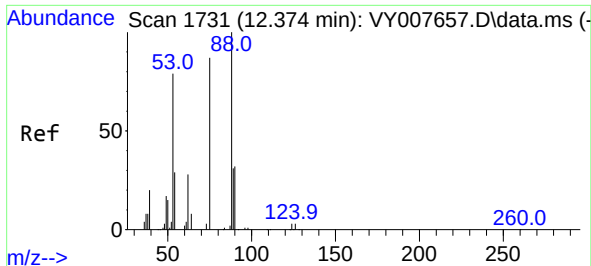
Tgt Ion:152 Resp: 182074
 Ion Ratio Lower Upper
 152 100
 115 55.1 28.2 84.7
 150 159.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.120 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007731.D
 Acq: 04 Mar 2022 02:54

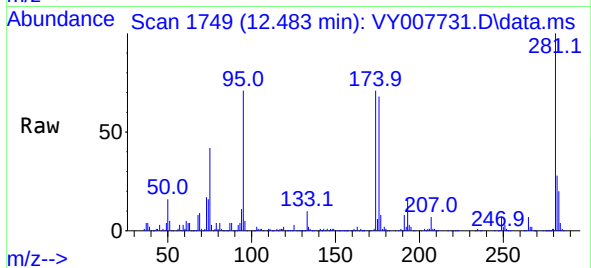
Tgt Ion: 75 Resp: 103945
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.509 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Instrument :
MSVOA_Y
ClientSampleId :
19-20-SAMPLE-LOCATION-10



Tgt Ion: 75 Resp: 103945
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 1.9 37.0 55.4#

