

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010489.D
 Acq On : 14 Sep 2022 17:10
 Operator : KP/MD
 Sample : N4578-27
 Misc : 2.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHERRY-HILL-COMP-7

Quant Time: Sep 15 01:11:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

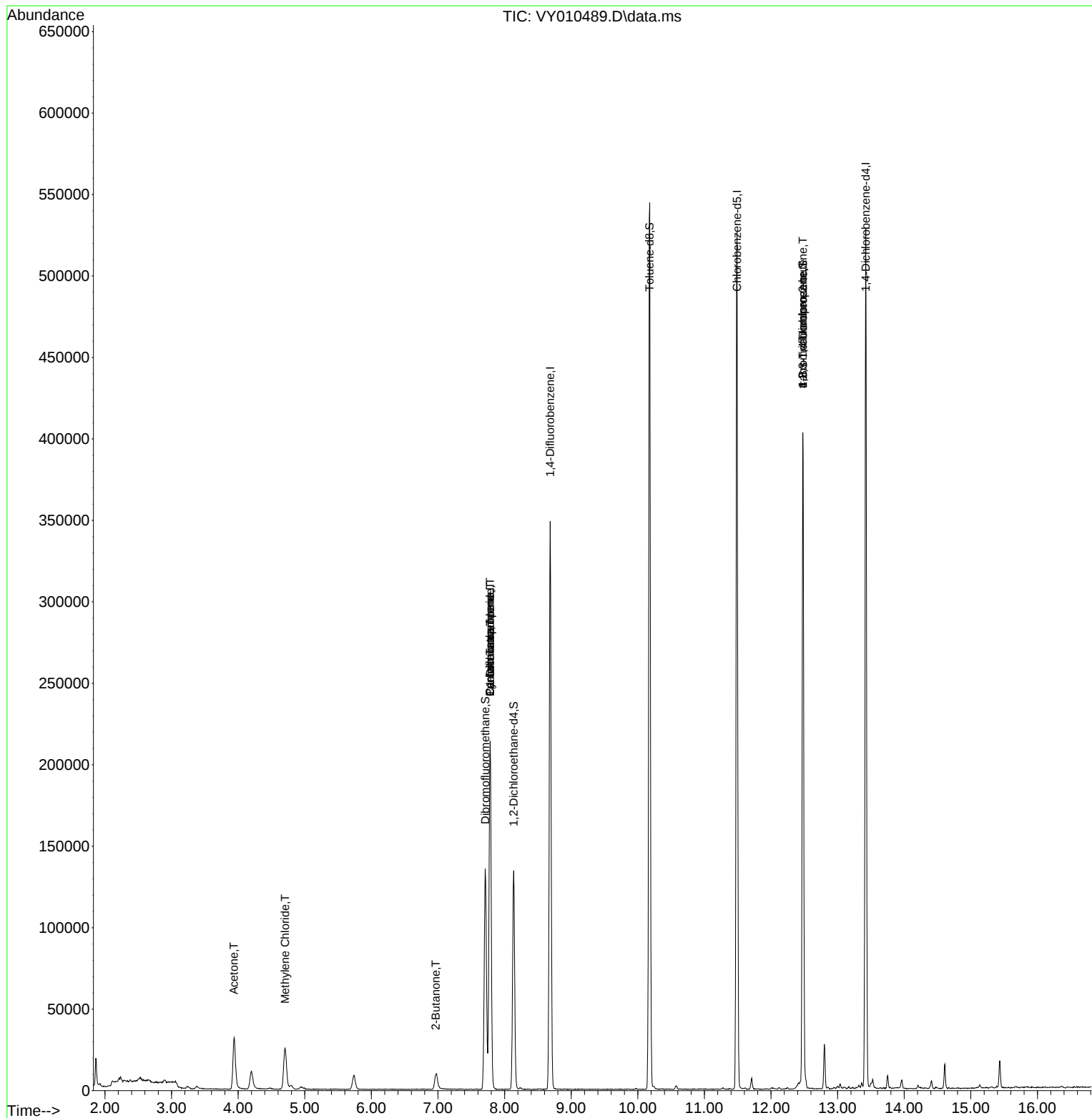
Internal Standards						
1) Pentafluorobenzene	7.783	168	170329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	300047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	287208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102737	59.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.780%	
35) Dibromofluoromethane	7.710	113	95679	44.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.800%	
50) Toluene-d8	10.179	98	363643	52.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.477	95	123157	44.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.580%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	1445	Below Cal	#	85
16) Acetone	3.936	43	55508	140.995	ug/l	92
20) Methylene Chloride	4.704	84	19667	3.996	ug/l	82
25) 2-Butanone	6.966	43	699	1.117	ug/l #	54
31) Cyclohexane	7.783	56	3366	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12692	4.351	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16841	5.189	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	64165	43.339	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64165	96.229	ug/l #	7

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

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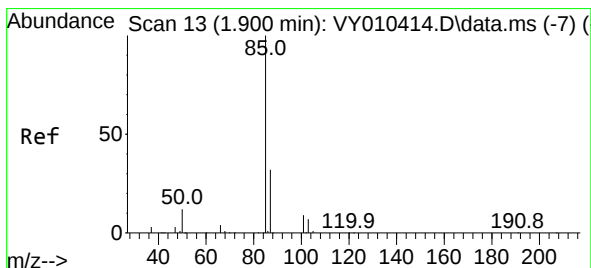
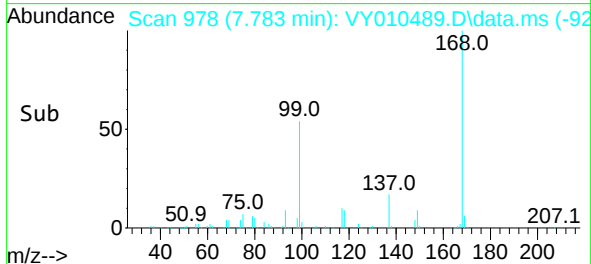
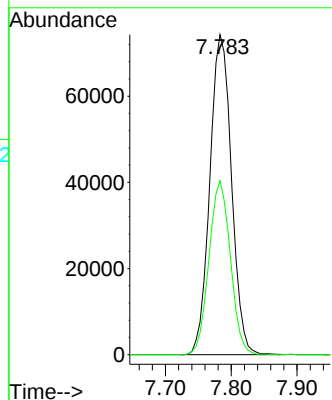
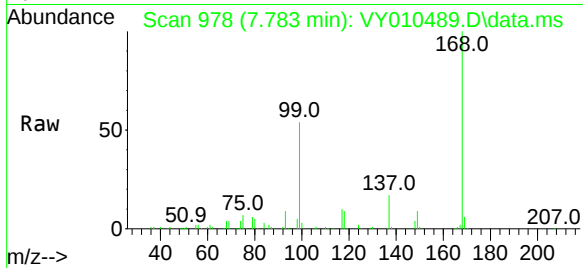




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

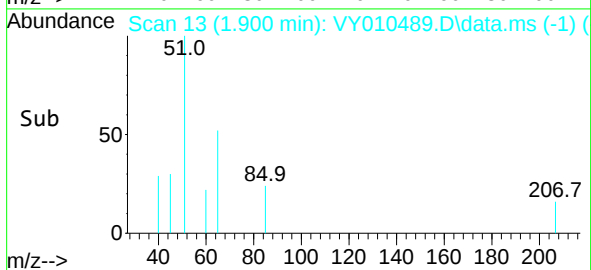
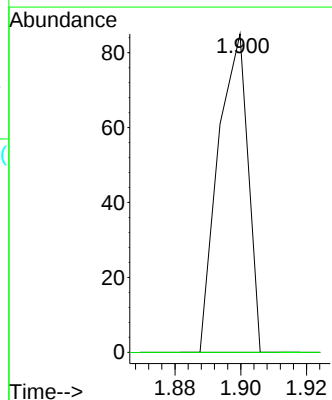
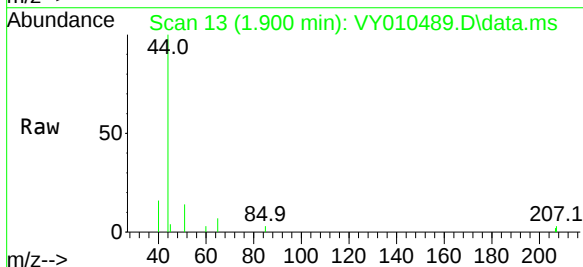
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-7

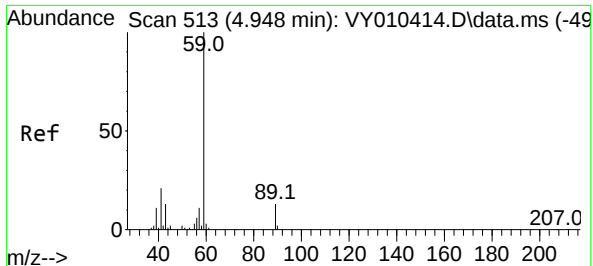
Tgt Ion:168 Resp: 170329
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Tgt Ion: 85 Resp: 53
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY010489.D

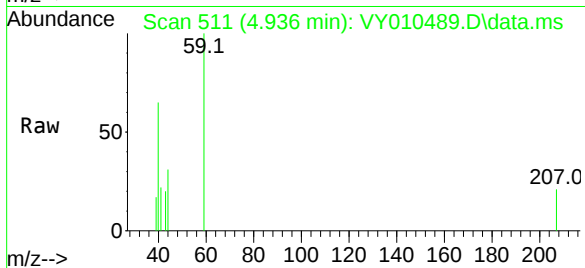
Acq: 14 Sep 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

CHERRY-HILL-COMP-7

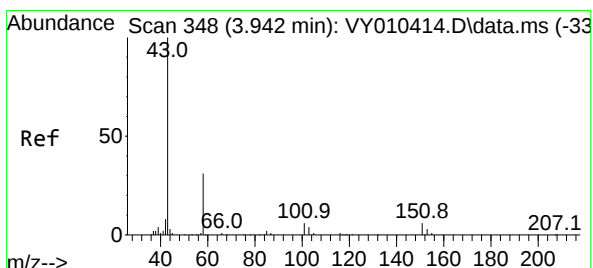
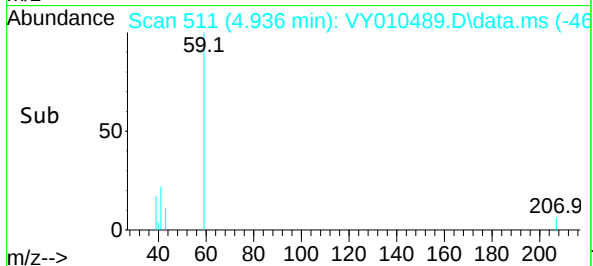
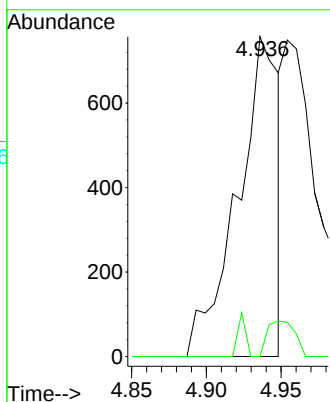


Tgt Ion: 59 Resp: 1445

Ion Ratio Lower Upper

59 100

57 2.6 6.4 9.6#



#16

Acetone

Concen: 140.995 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010489.D

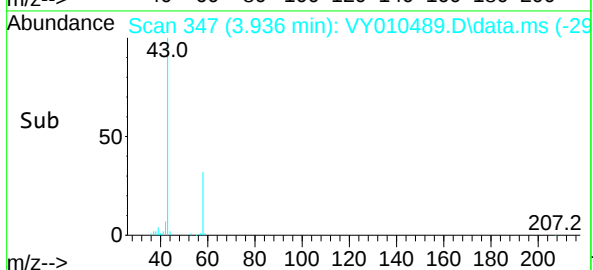
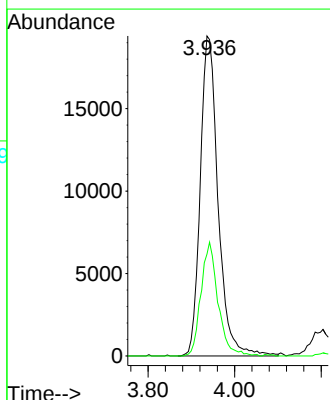
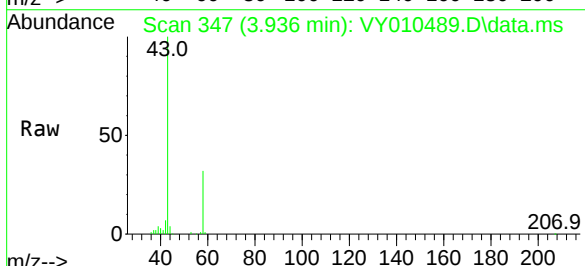
Acq: 14 Sep 2022 17:10

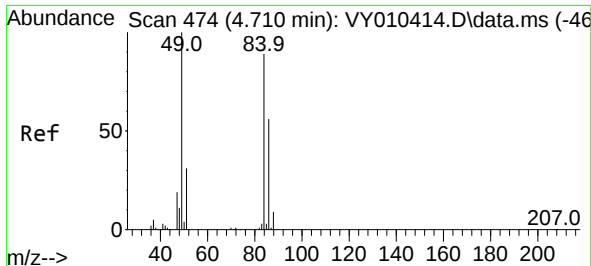
Tgt Ion: 43 Resp: 55508

Ion Ratio Lower Upper

43 100

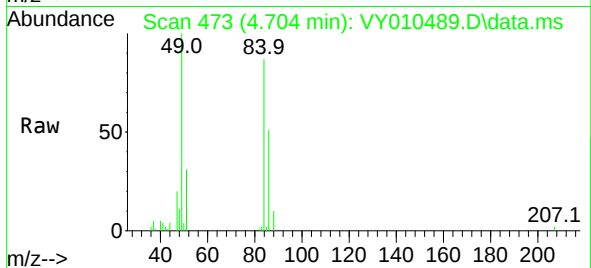
58 31.8 22.0 33.0





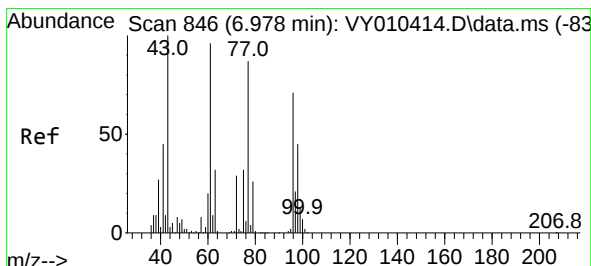
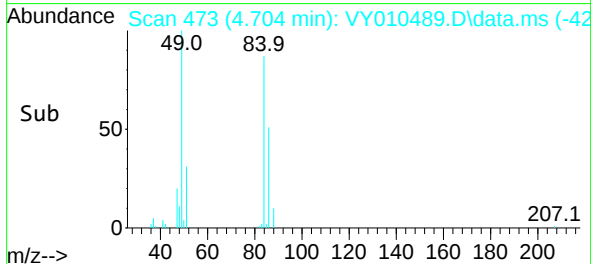
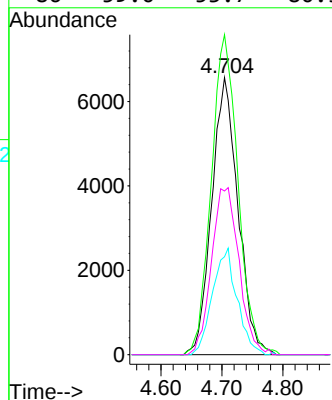
#20
Methylene Chloride
Concen: 3.996 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-7



Tgt Ion: 84 Resp: 19667

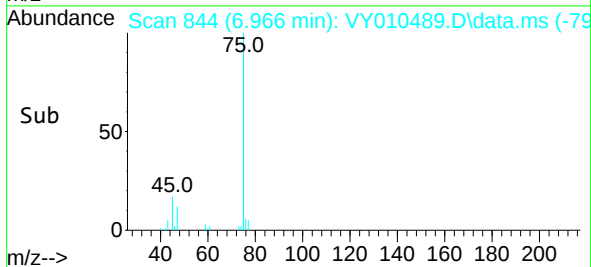
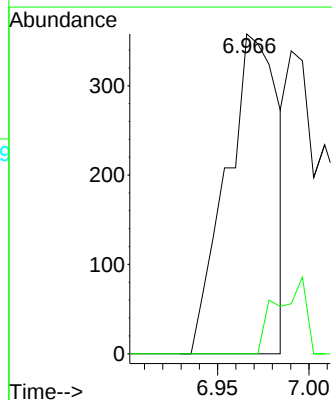
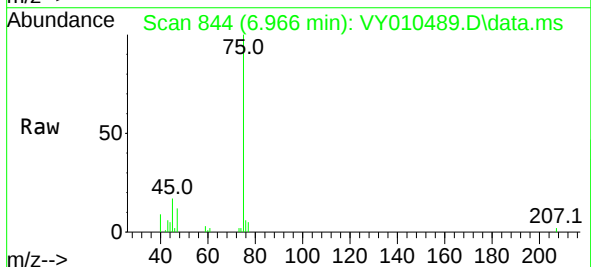
Ion	Ratio	Lower	Upper
84	100		
49	115.5	114.4	171.6
51	35.3	35.3	52.9
86	59.0	53.7	80.5

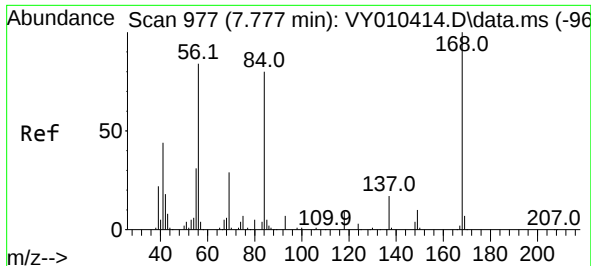


#25
2-Butanone
Concen: 1.117 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Tgt Ion: 43 Resp: 699

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

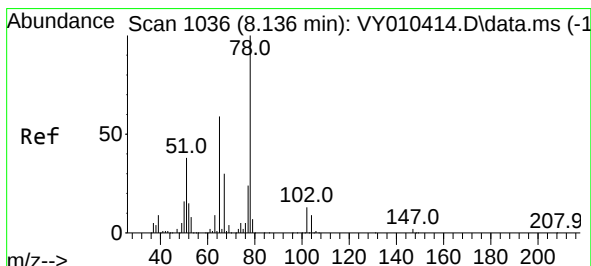
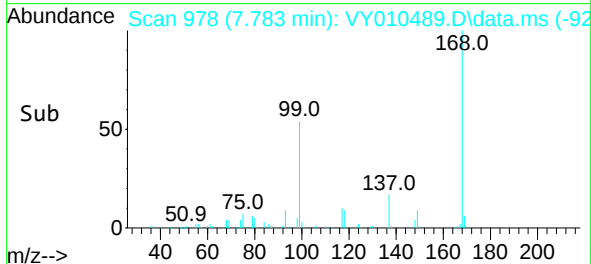
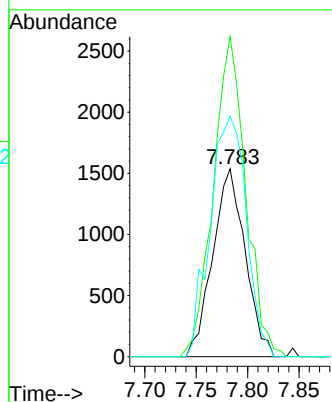
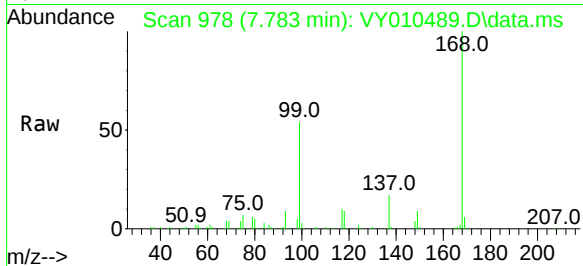




#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

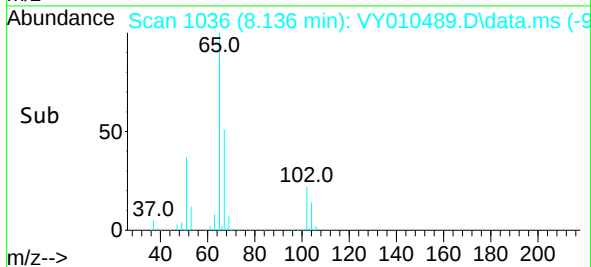
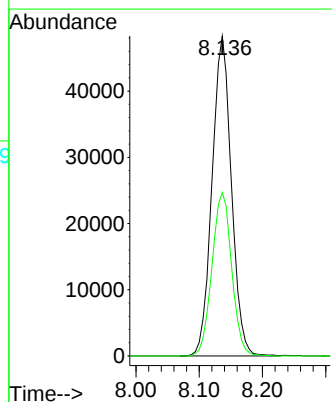
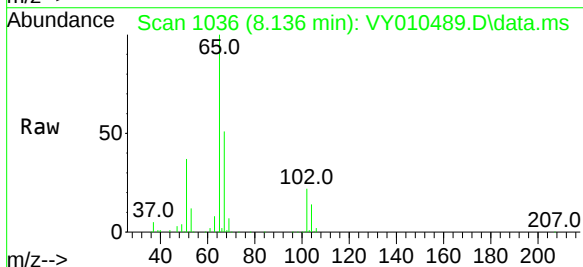
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-7

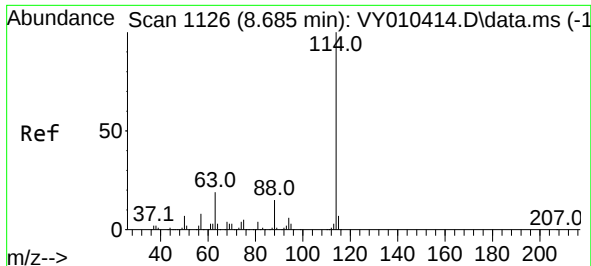
Tgt Ion: 56 Resp: 3366
Ion Ratio Lower Upper
56 100
69 170.4 26.7 40.1#
84 128.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.888 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Tgt Ion: 65 Resp: 102737
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4

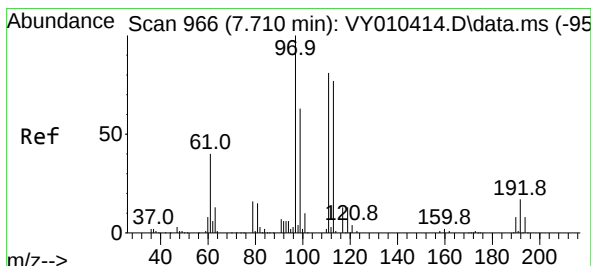
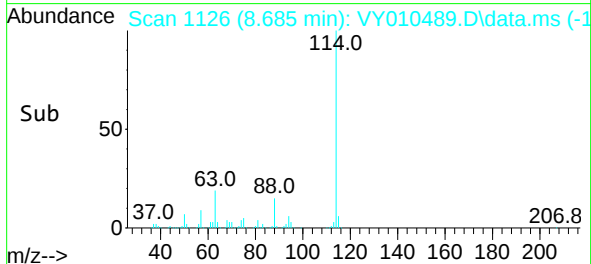
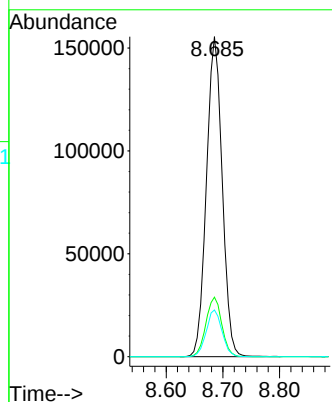
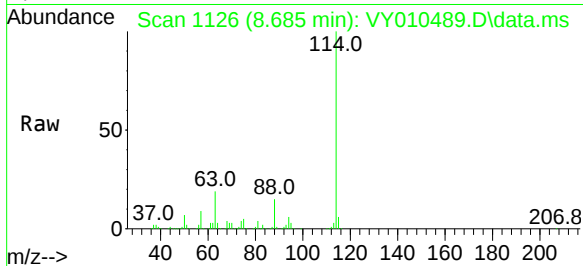




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

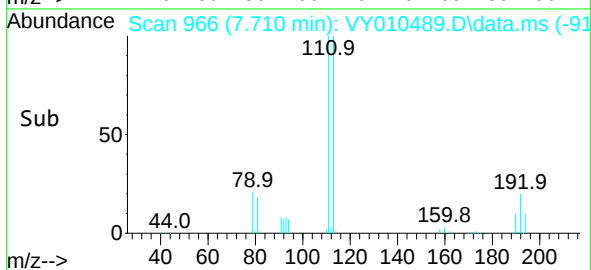
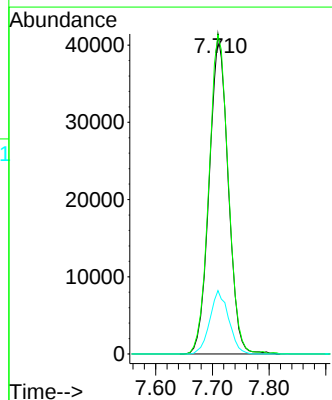
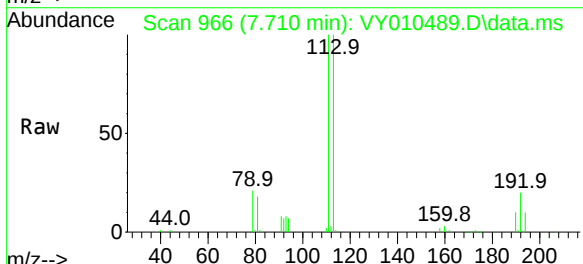
Instrument :
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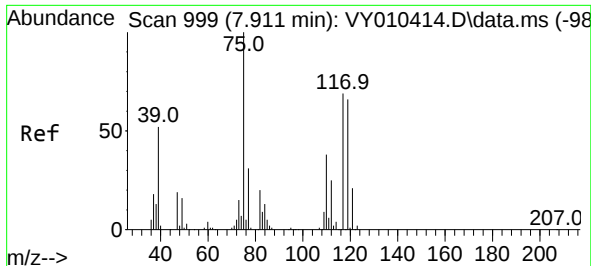
Tgt Ion:114 Resp: 300047
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.2
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.900 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Tgt Ion:113 Resp: 95679
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.8 17.6 26.4

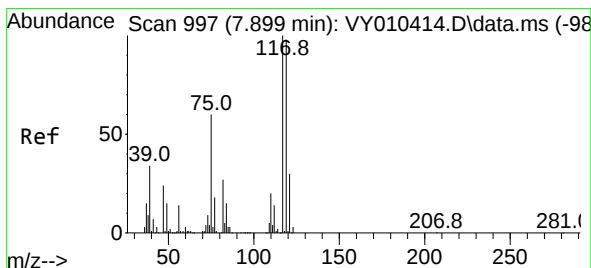
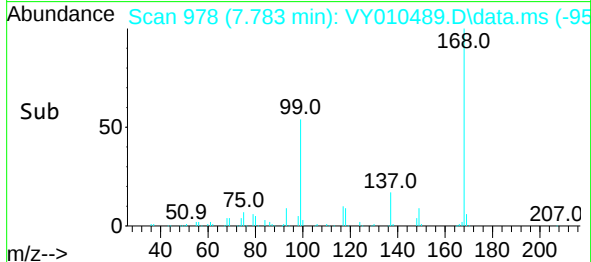
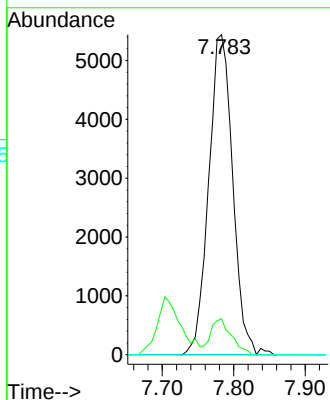
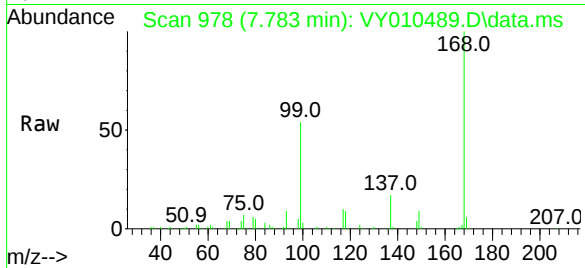




#36
1,1-Dichloropropene
Concen: 4.351 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

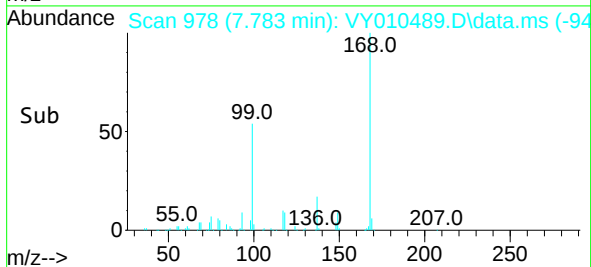
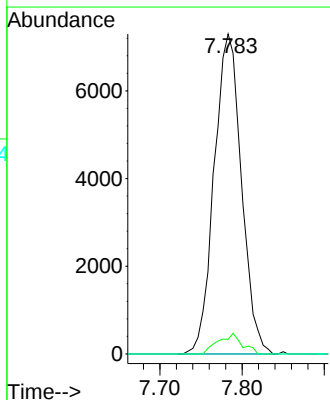
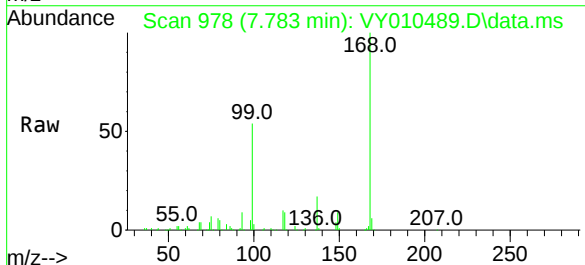
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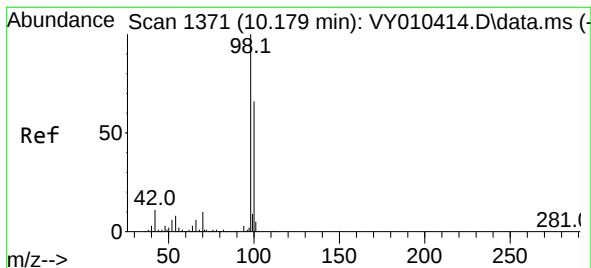
Tgt Ion: 75 Resp: 12692
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.189 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Tgt Ion: 117 Resp: 16841
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#

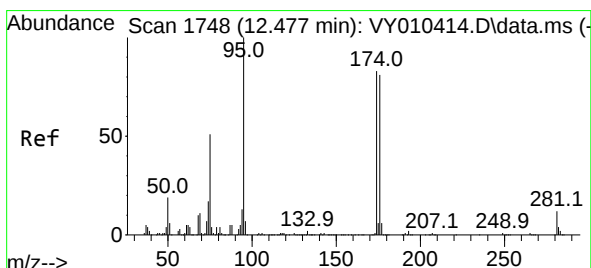
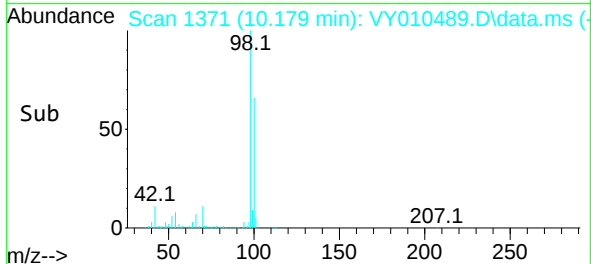
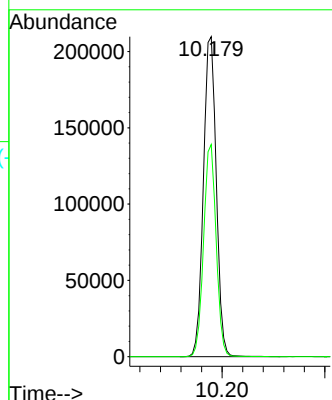
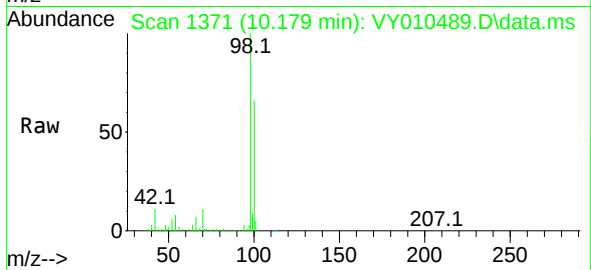




#50
Toluene-d8
Concen: 52.654 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

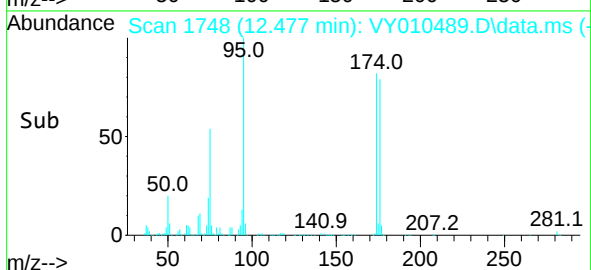
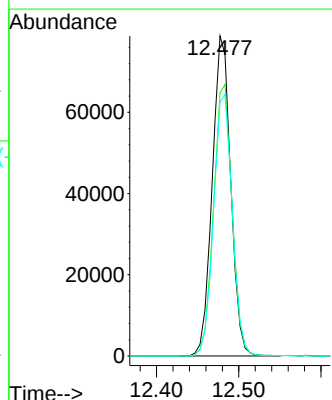
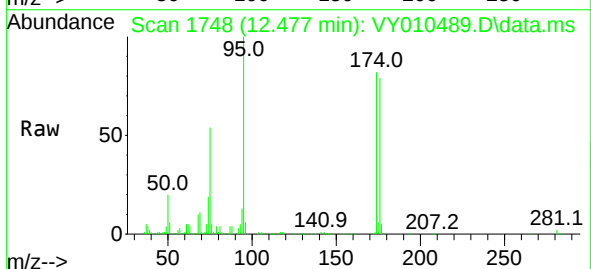
Instrument :
MSVOA_Y
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CHERRY-HILL-COMP-7

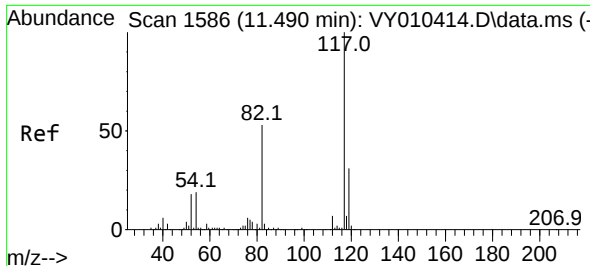
Tgt Ion: 98 Resp: 363643
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.285 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Tgt Ion: 95 Resp: 123157
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 82.8 0.0 175.8

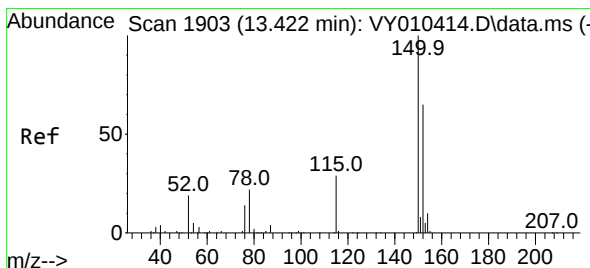
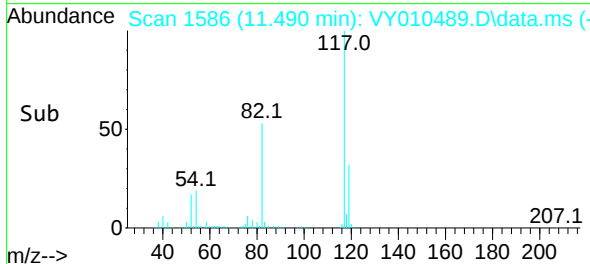
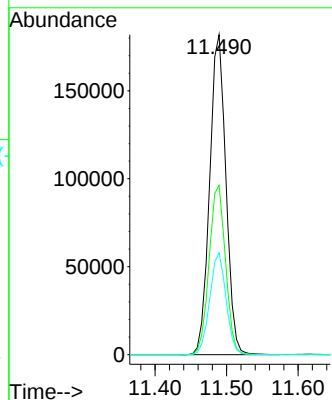
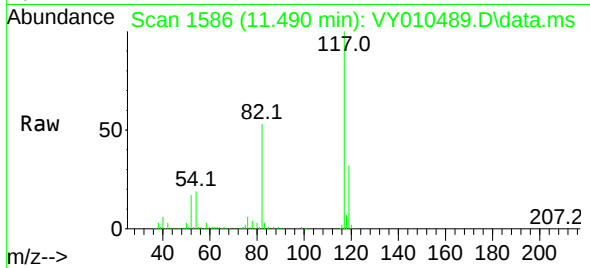




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

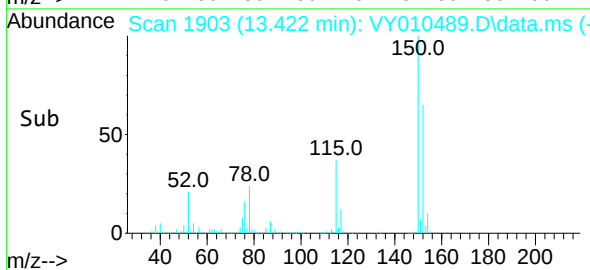
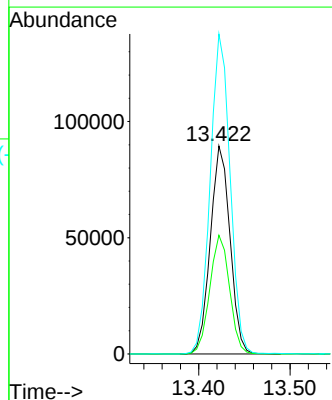
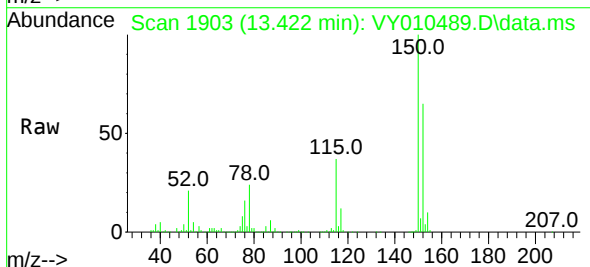
Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-7

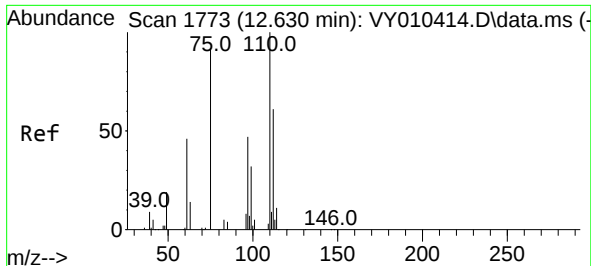
Tgt Ion:117 Resp: 287208
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Tgt Ion:152 Resp: 134146
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 155.2 0.0 347.6

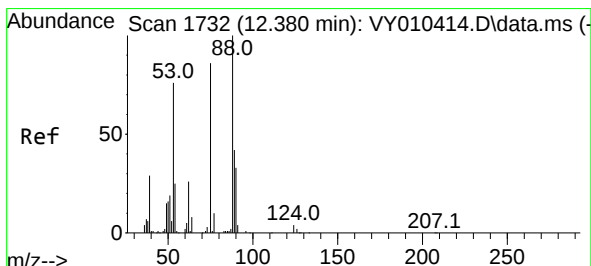
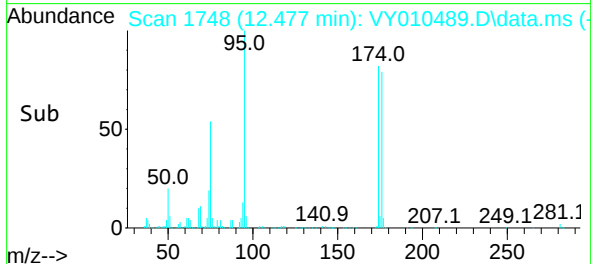
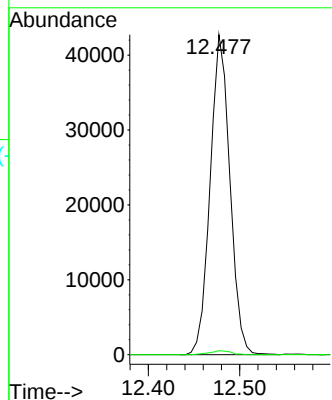
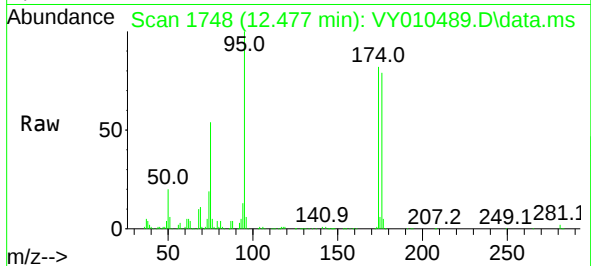




#76
1,2,3-Trichloropropane
Concen: 43.339 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
CHERRY-HILL-COMP-7

Tgt Ion: 75 Resp: 64165
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.229 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010489.D
Acq: 14 Sep 2022 17:10

Tgt Ion: 75 Resp: 64165
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

