

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006851.D
 Acq On : 22 Nov 2021 14:19
 Operator : SY/MD
 Sample : M4801-01
 Misc : 5.59G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SITE-1-DRILL-CUTTINGS-20211119

Quant Time: Nov 23 04:47:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

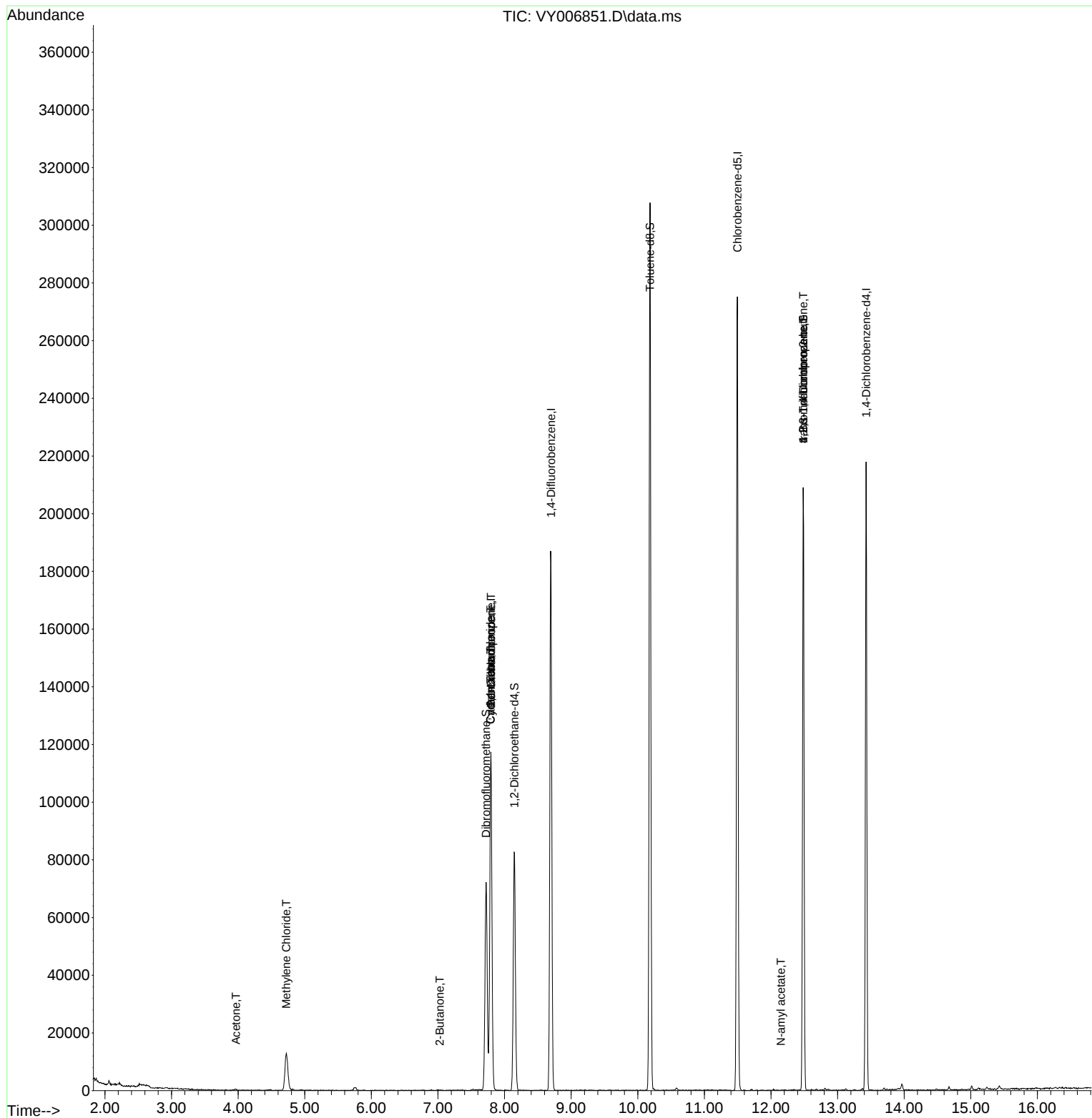
Internal Standards						
1) Pentafluorobenzene	7.795	168	88044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	149269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	144232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67214	58.248	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.500%
35) Dibromofluoromethane	7.722	113	47309	51.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.200%
50) Toluene-d8	10.185	98	190306	50.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.483	95	57817	45.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.400%
Target Compounds						
					Qvalue	
16) Acetone	3.967	43	616	1.757	ug/l #	88
20) Methylene Chloride	4.723	84	8923	5.478	ug/l	96
25) 2-Butanone	7.027	43	20	11.538	ug/l #	52
31) Cyclohexane	7.789	56	2297	1.133	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	7286	4.491	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8616	5.192	ug/l #	18
74) N-amyl acetate	12.148	43	35	3.176	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	33547	53.800	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33547	106.602	ug/l #	7

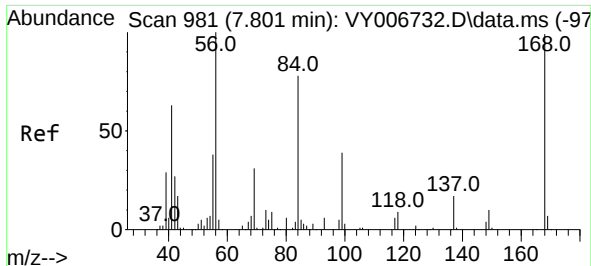
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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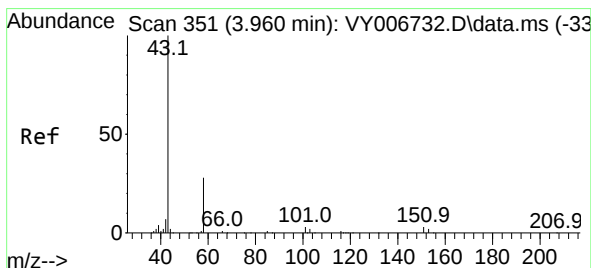
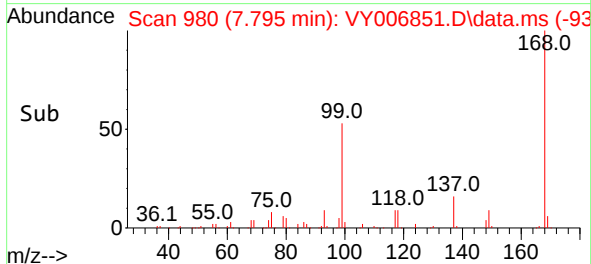
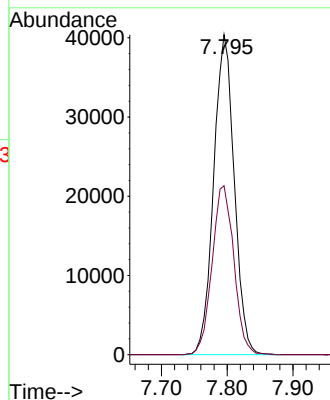
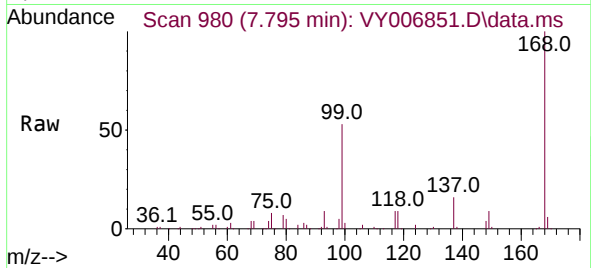




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

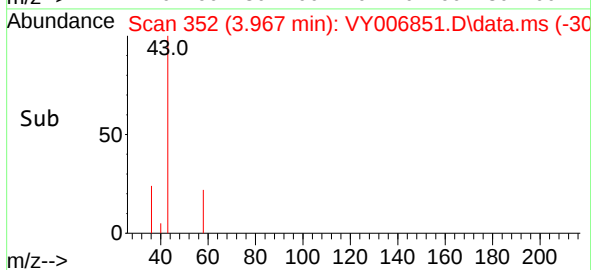
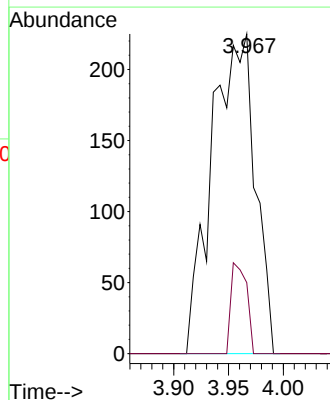
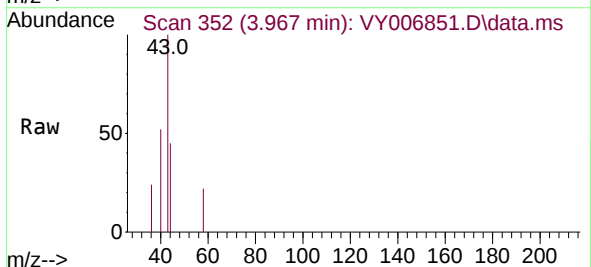
Instrument :
MSVOA_Y
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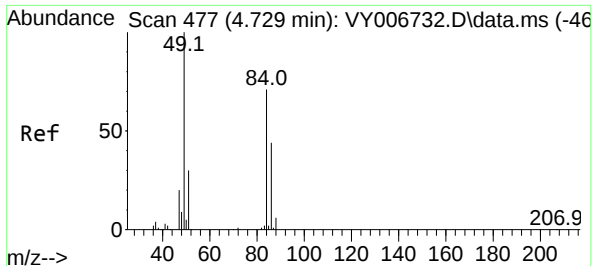
Tgt Ion:168 Resp: 88044
Ion Ratio Lower Upper
168 100
99 52.8 44.8 67.2



#16
Acetone
Concen: 1.757 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 22.2 22.9 34.3#

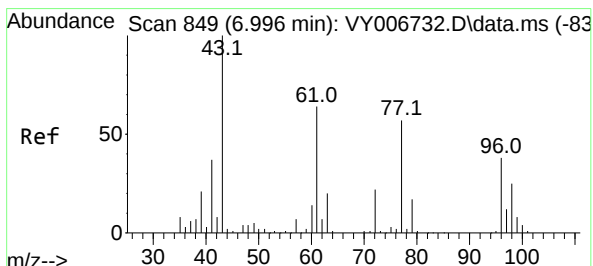
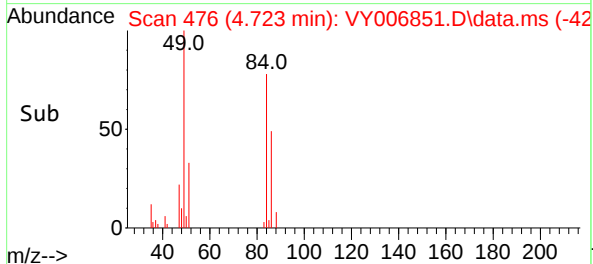
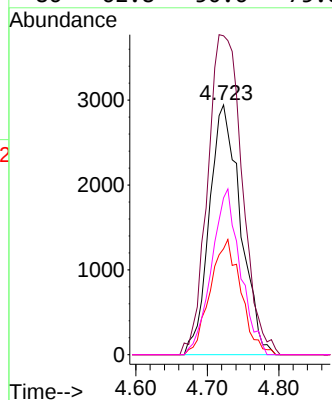
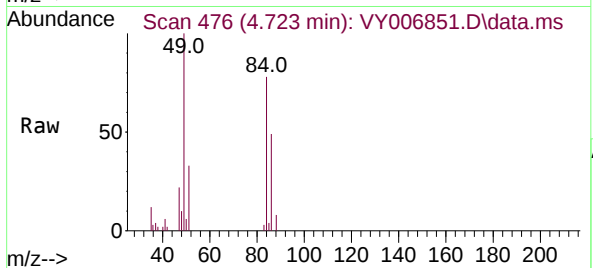




#20
Methylene Chloride
Concen: 5.478 ug/l
RT: 4.723 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

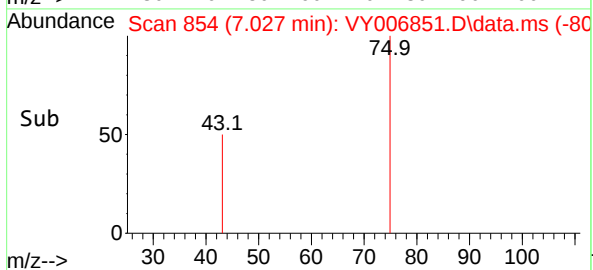
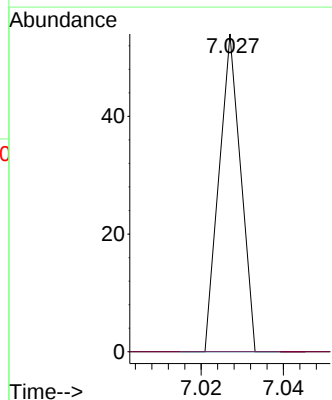
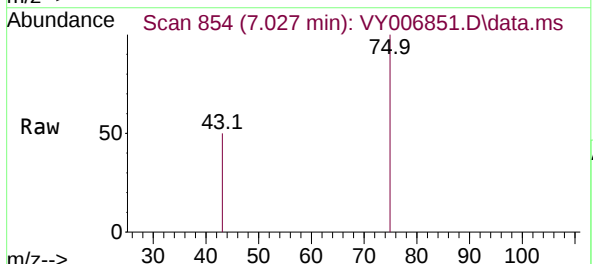
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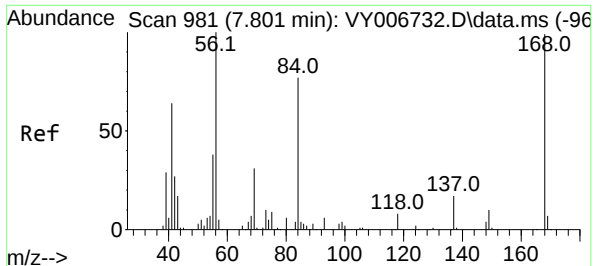
Tgt Ion:	84	Resp:	8923
Ion	Ratio	Lower	Upper
84	100		
49	127.6	107.8	161.8
51	42.4	32.8	49.2
86	62.8	50.6	75.8



#25
2-Butanone
Concen: 11.538 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.031 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

Tgt Ion:	43	Resp:	20
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.9	28.3#

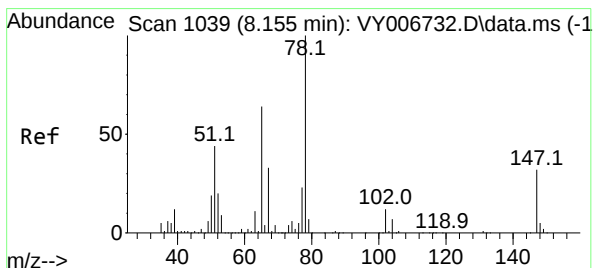
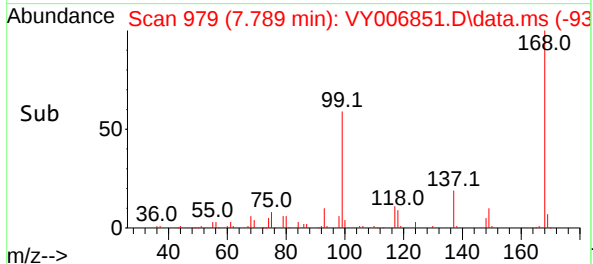
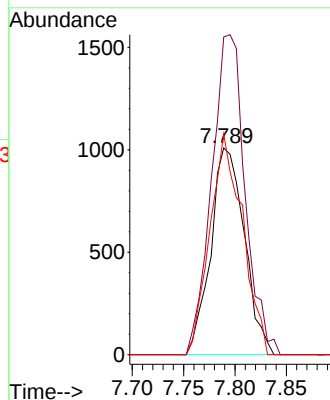
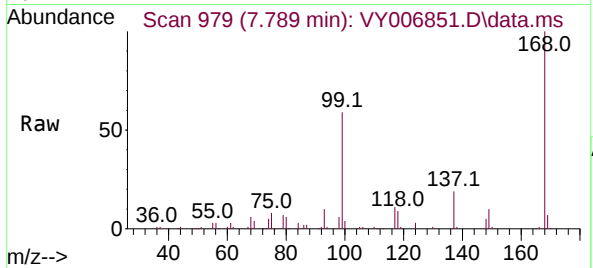




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

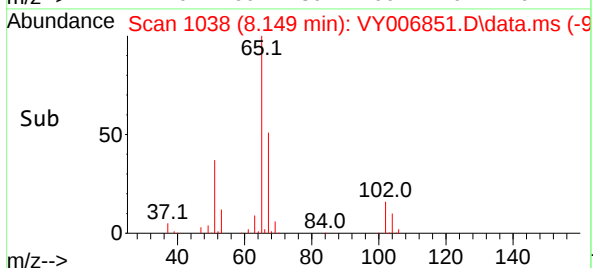
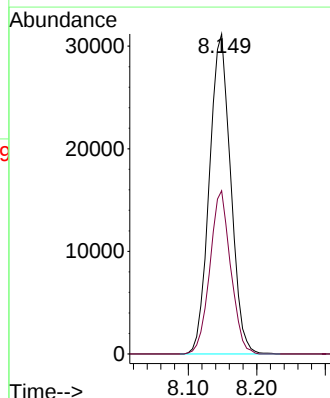
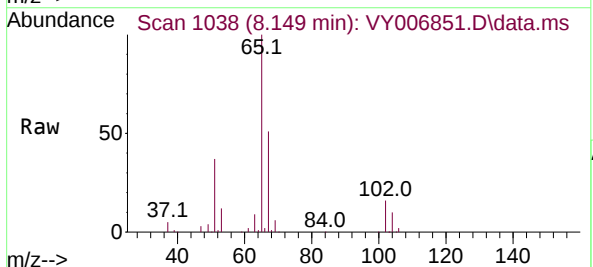
Instrument :
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ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119

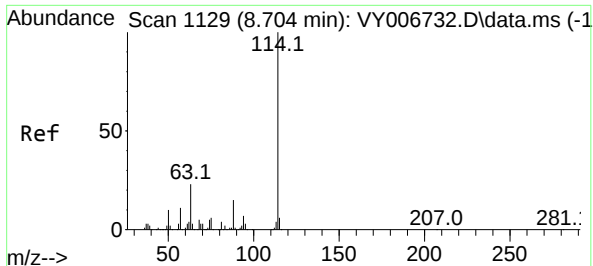
Tgt Ion: 56 Resp: 2297
Ion Ratio Lower Upper
56 100
69 153.7 26.6 40.0#
84 106.7 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 58.248 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

Tgt Ion: 65 Resp: 67214
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006851.D

Acq: 22 Nov 2021 14:19

Instrument :

MSVOA_Y

ClientSampleId :

SITE-1-DRILL-CUTTINGS-20211119

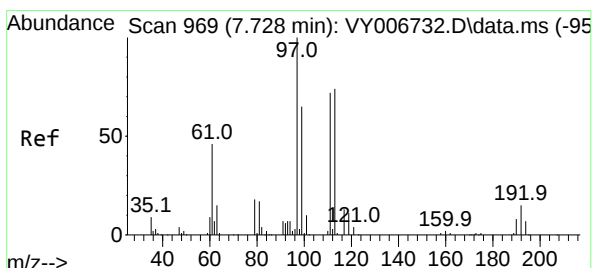
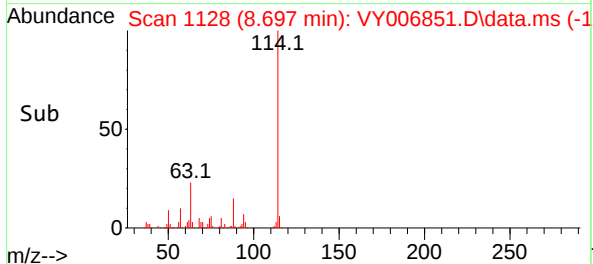
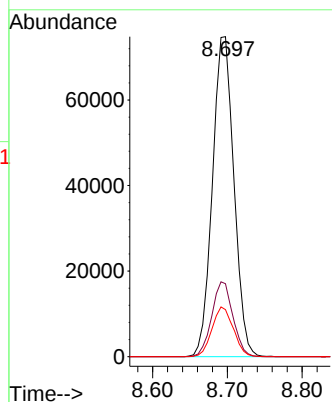
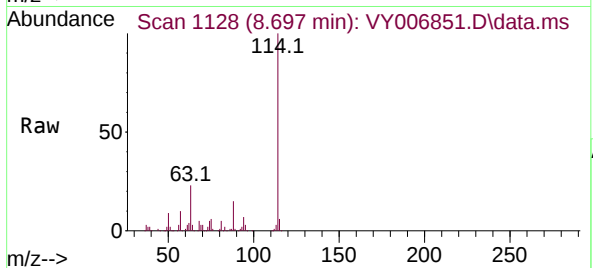
Tgt Ion:114 Resp: 149269

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.598 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006851.D

Acq: 22 Nov 2021 14:19

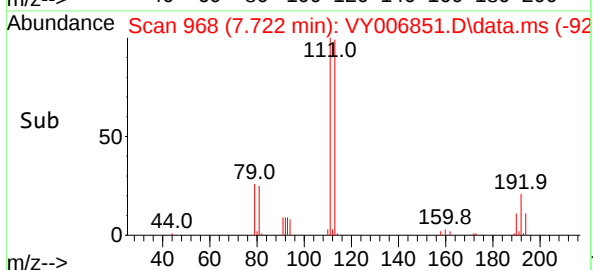
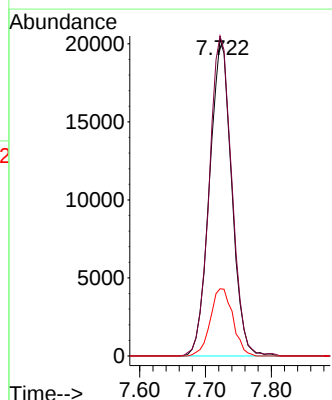
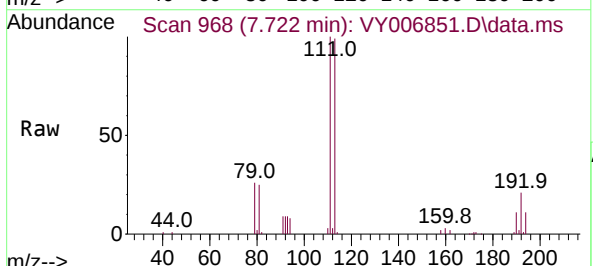
Tgt Ion:113 Resp: 47309

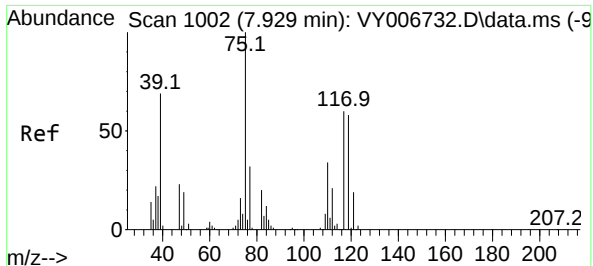
Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 21.7 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.491 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY006851.D

Acq: 22 Nov 2021 14:19

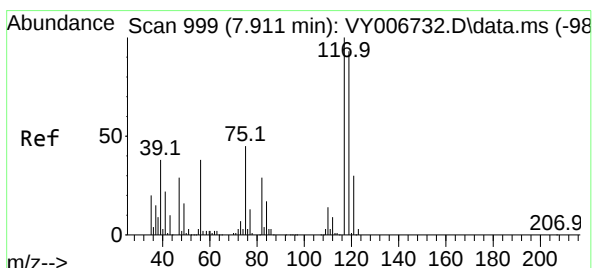
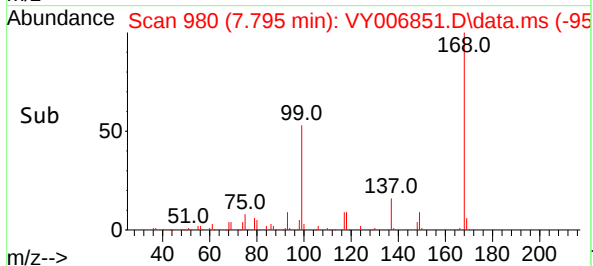
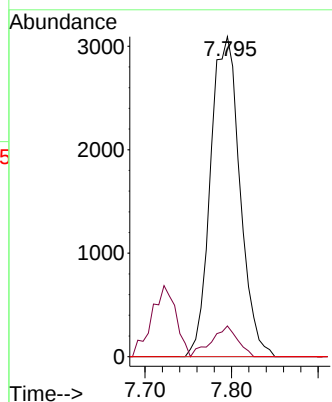
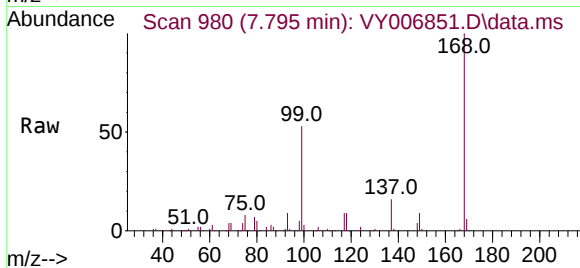
Instrument :

MSVOA_Y

ClientSampleId :

SITE-1-DRILL-CUTTINGS-20211119

Tgt Ion:	75	Resp:	7286
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.192 ug/l

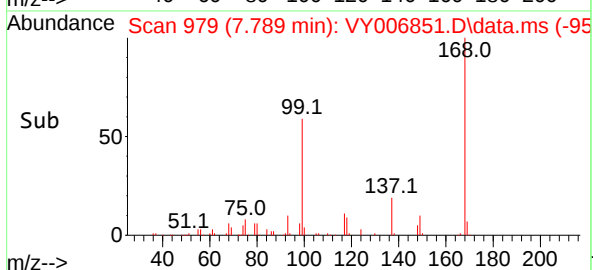
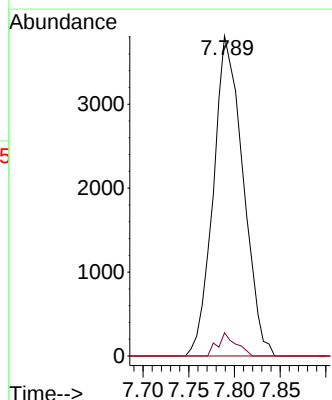
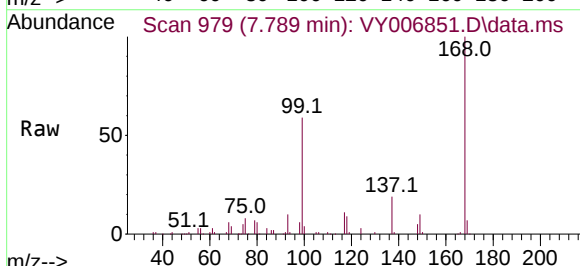
RT: 7.789 min Scan# 979

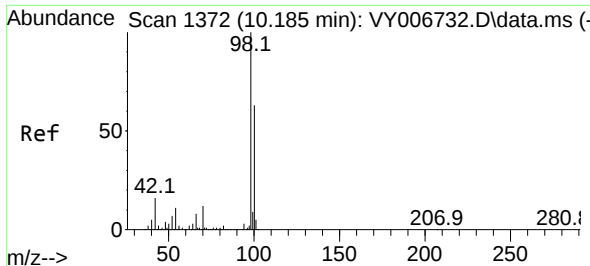
Delta R.T. -0.122 min

Lab File: VY006851.D

Acq: 22 Nov 2021 14:19

Tgt Ion:	117	Resp:	8616
Ion	Ratio	Lower	Upper
117	100		
119	7.3	76.6	115.0#
121	0.0	24.7	37.1#

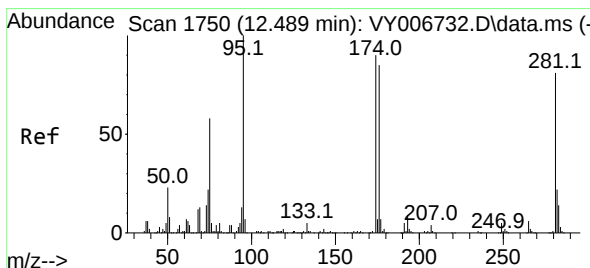
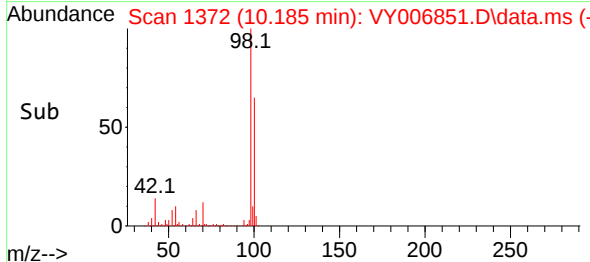
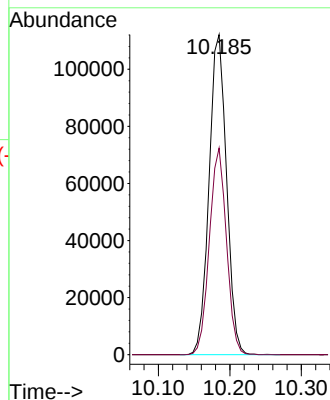
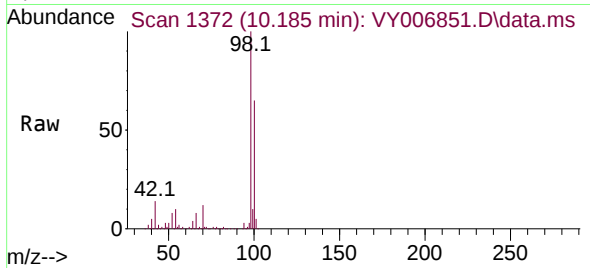




#50
Toluene-d8
Concen: 50.158 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

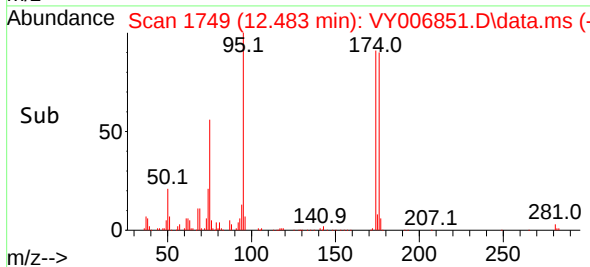
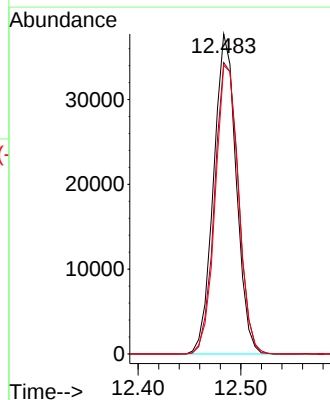
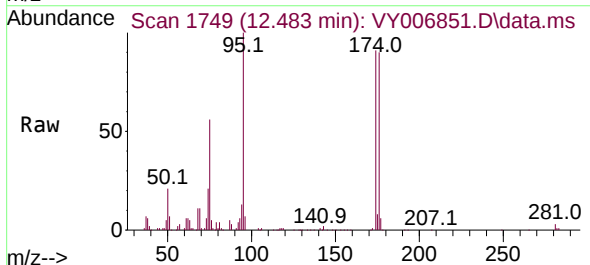
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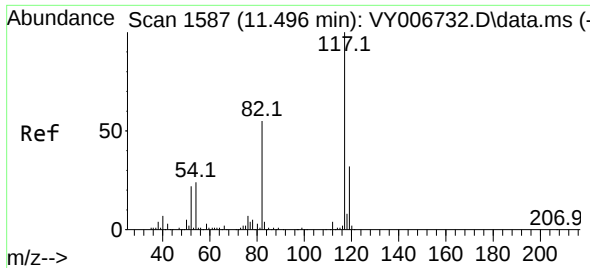
Tgt Ion: 98 Resp: 190306
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.202 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

Tgt Ion: 95 Resp: 57817
Ion Ratio Lower Upper
95 100
174 95.4 0.0 177.0
176 92.3 0.0 169.4

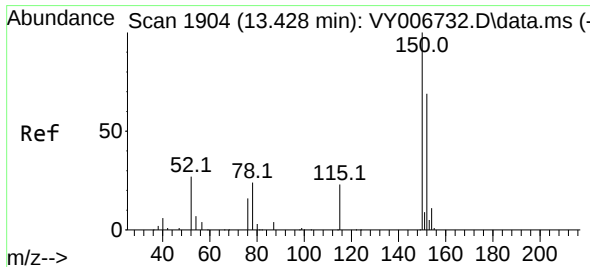
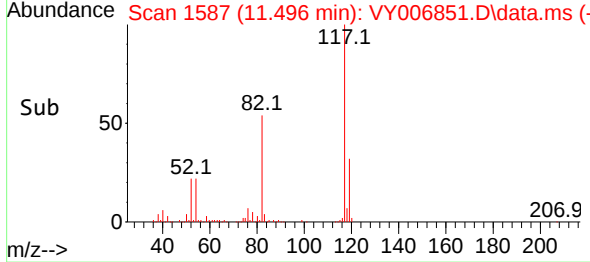
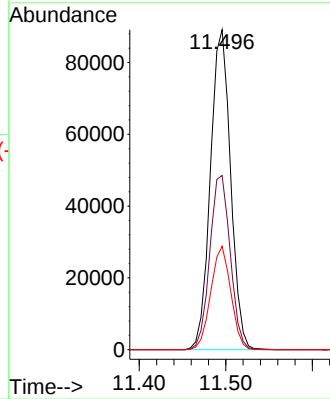
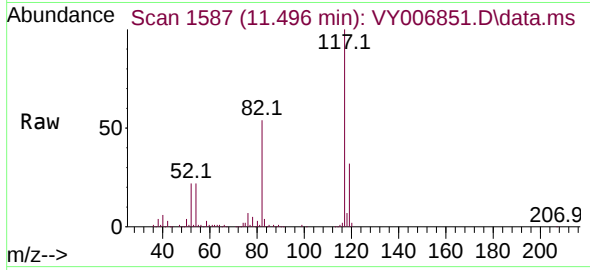




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

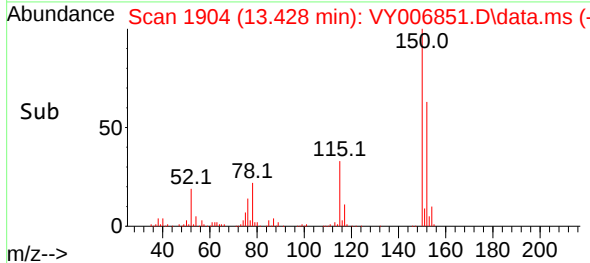
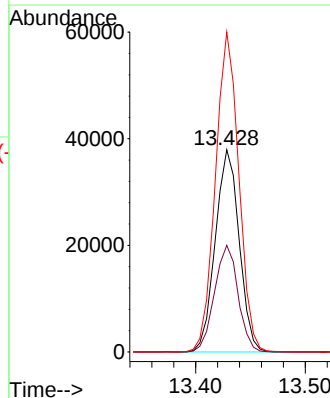
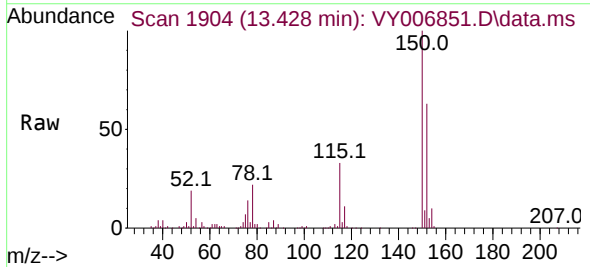
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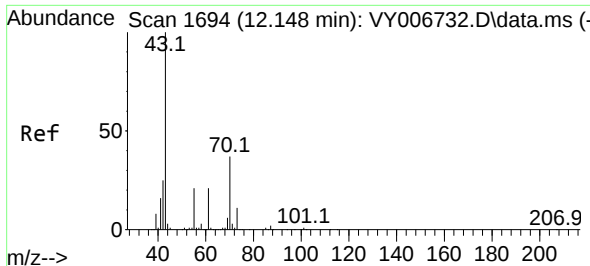
Tgt Ion:	117	Resp:	144232
Ion Ratio	Lower	Upper	
117	100		
82	54.4	45.7	68.5
119	32.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

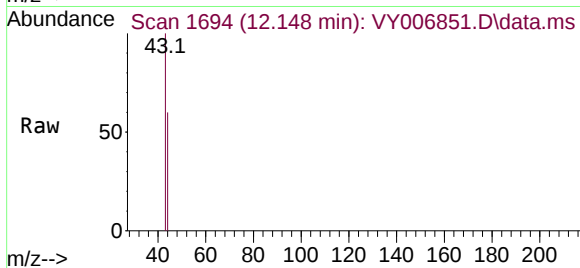
Tgt Ion:	152	Resp:	57353
Ion Ratio	Lower	Upper	
152	100		
115	52.0	28.5	85.5
150	155.0	0.0	348.2



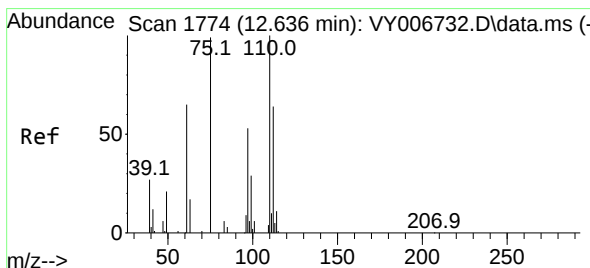
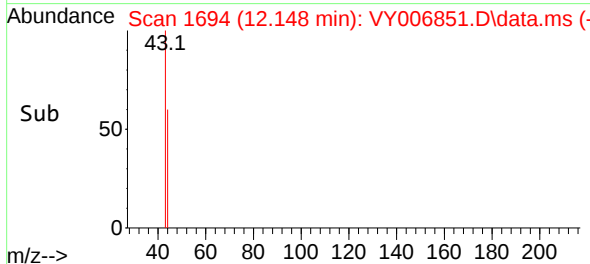
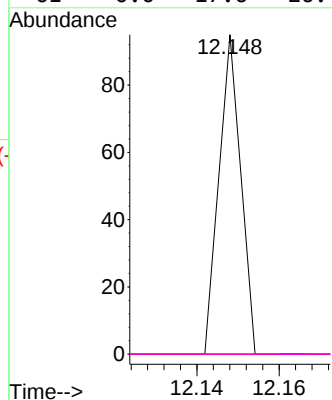


#74
N-amy1 acetate
Concen: 3.176 ug/l
RT: 12.148 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

Instrument :
MSVOA_Y
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119

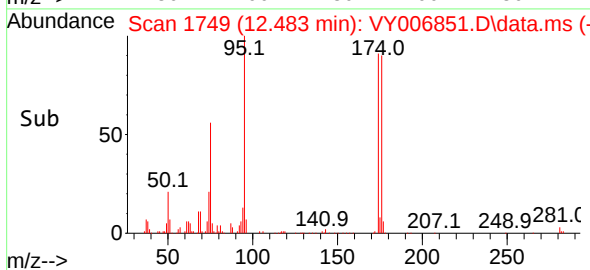
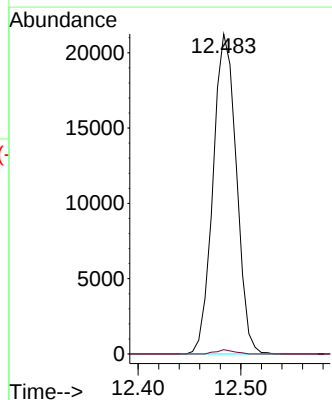
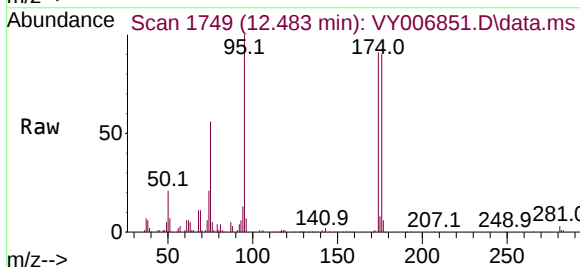


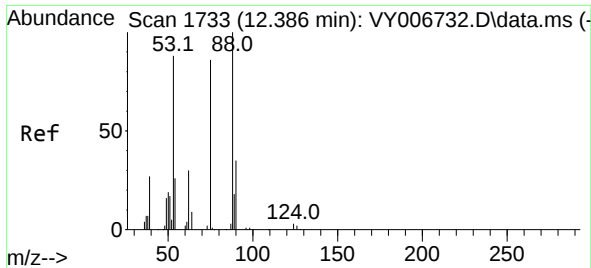
Tgt Ion:	43	Resp:	35
Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.4	44.0#
55	0.0	18.1	27.1#
61	0.0	17.6	26.4#



#76
1,2,3-Trichloropropane
Concen: 53.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

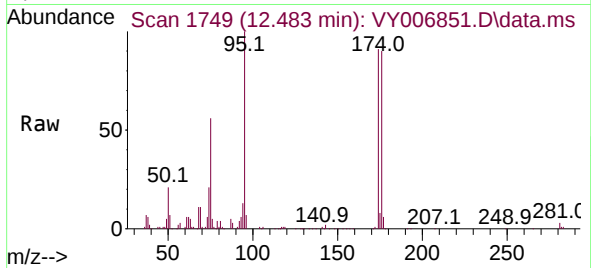
Tgt Ion:	75	Resp:	33547
Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.602 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY006851.D
 Acq: 22 Nov 2021 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 SITE-1-DRILL-CUTTINGS-20211119



Tgt Ion:	75	Resp:	33547
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	0.0	39.3	58.9#

