

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006883.D
 Acq On : 24 Nov 2021 17:38
 Operator : SY/MD
 Sample : M4831-06
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 26 09:58:09 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)

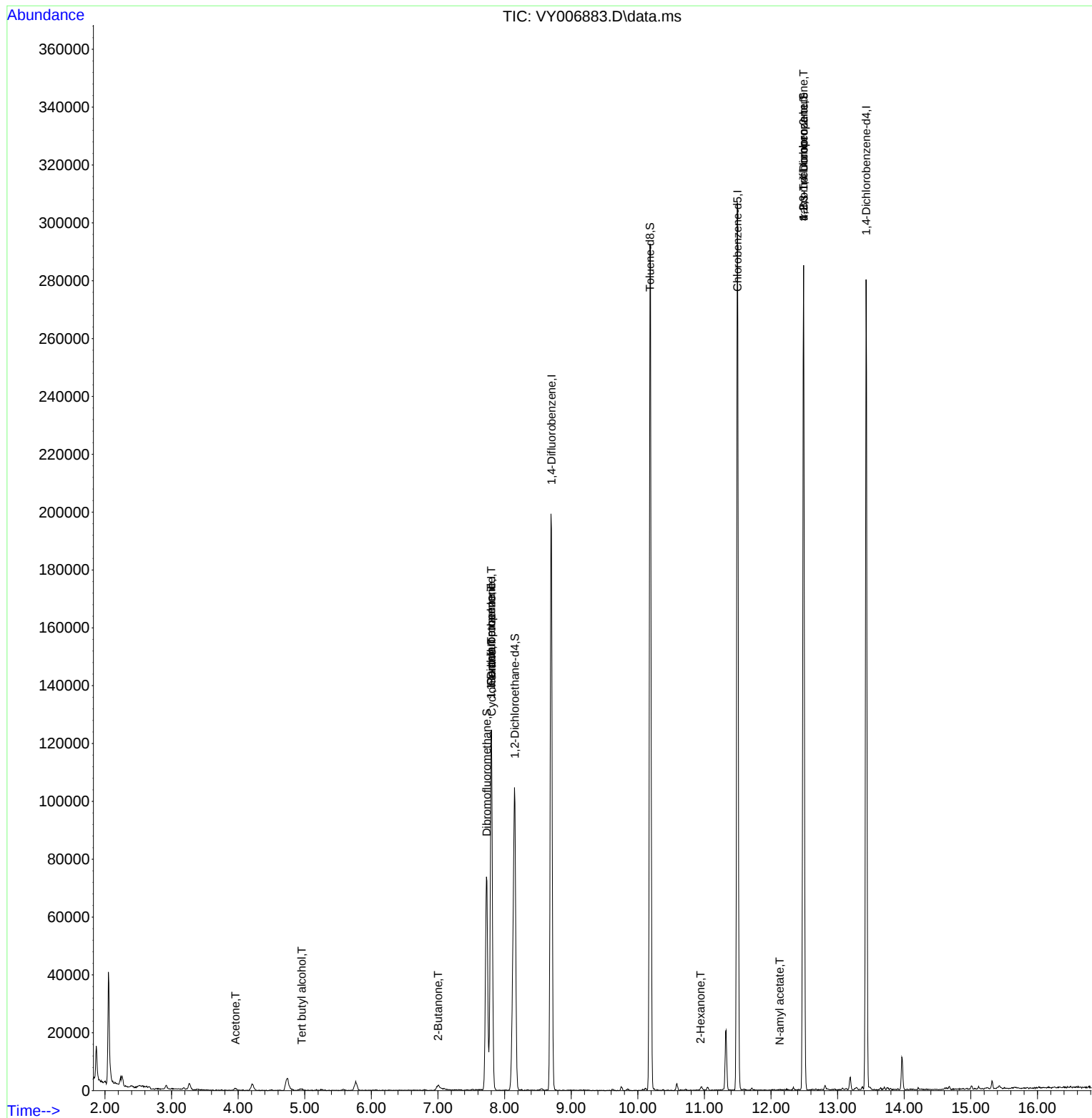
Internal Standards						
1) Pentafluorobenzene	7.801	168	93272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	157969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	149793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	73028	59.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.480%	
35) Dibromofluoromethane	7.734	113	49405	50.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.840%	
50) Toluene-d8	10.185	98	191626	47.724	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.440%	
62) 4-Bromofluorobenzene	12.489	95	64907	47.950	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	927	5.042	ug/l #	72
16) Acetone	3.960	43	1279	3.444	ug/l #	86
20) Methylene Chloride	4.728	84	3046	Below Cal	#	79
25) 2-Butanone	7.002	43	203	11.859	ug/l #	52
31) Cyclohexane	7.807	56	2401	1.117	ug/l #	54
36) 1,1-Dichloropropene	7.795	75	7926	4.616	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9477	5.396	ug/l #	18
59) 2-Hexanone	10.941	43	95	23.919	ug/l #	28
74) N-amyl acetate	12.130	43	91	3.203	ug/l #	59
76) 1,2,3-Trichloropropane	12.489	75	38526	55.025	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38526	109.030	ug/l #	7

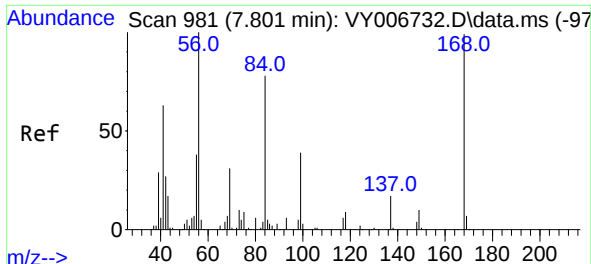
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration

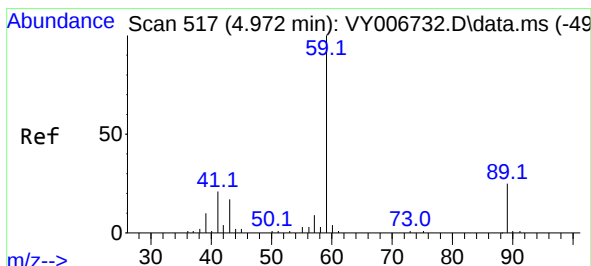
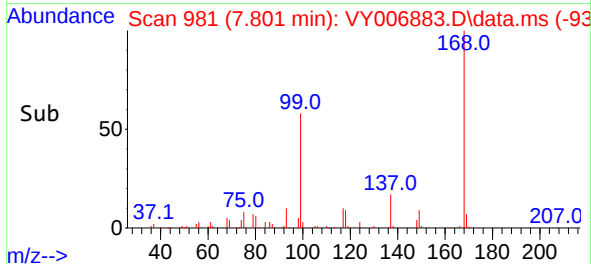
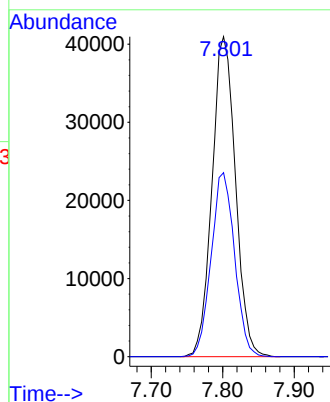
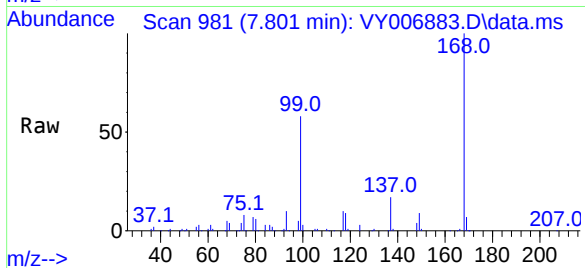




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

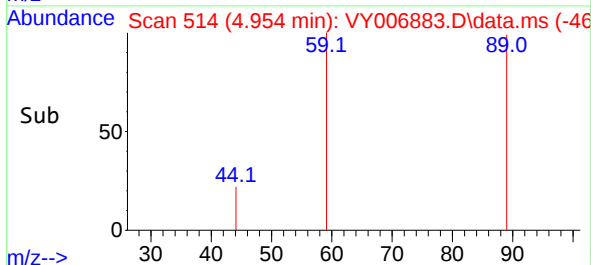
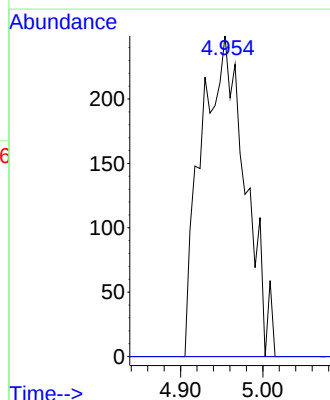
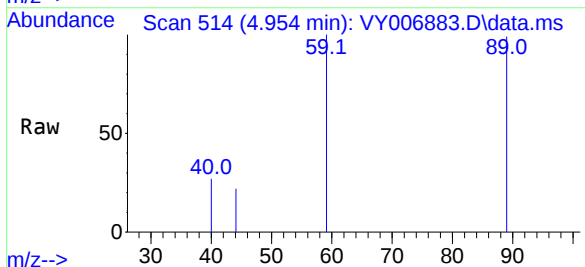
Instrument :
MSVOA_Y
ClientSampleId :

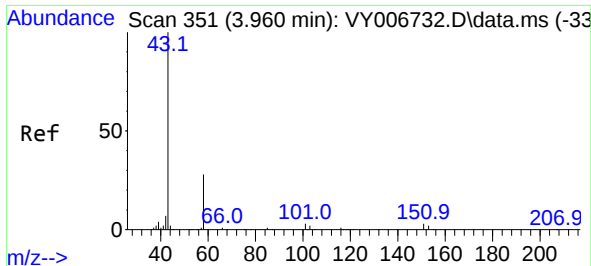
Tgt Ion:168 Resp: 93272
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#11
Tert butyl alcohol
Concen: 5.042 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

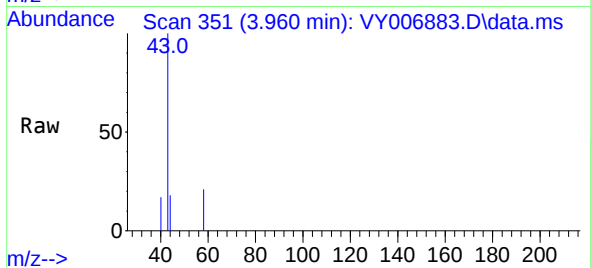
Tgt Ion: 59 Resp: 927
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



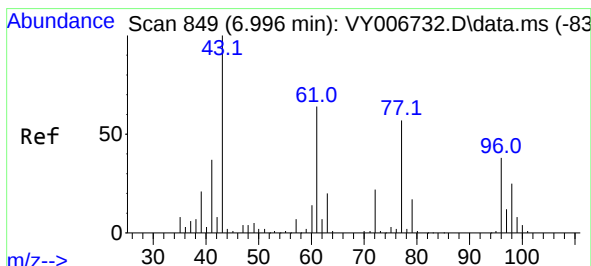
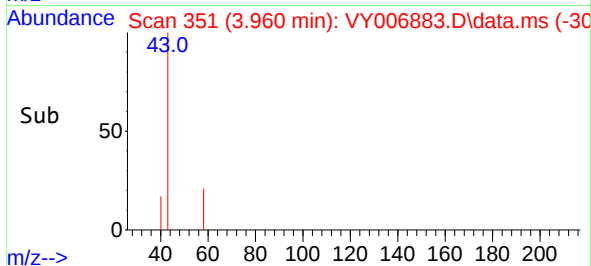
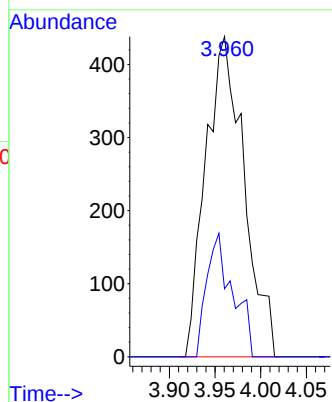


#16
Acetone
Concen: 3.444 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :

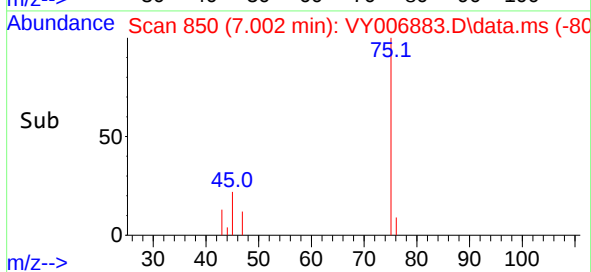
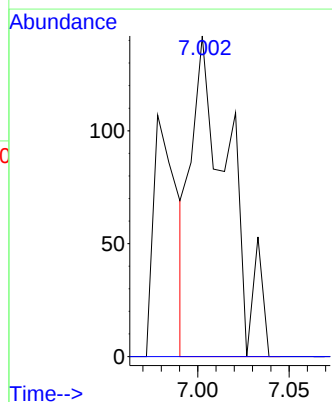
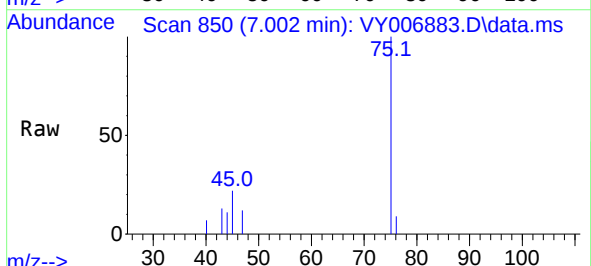


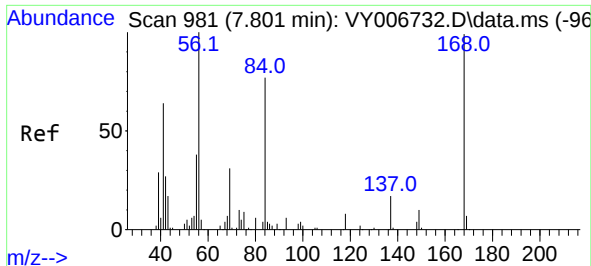
Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
58 21.2 22.9 34.3#



#25
2-Butanone
Concen: 11.859 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

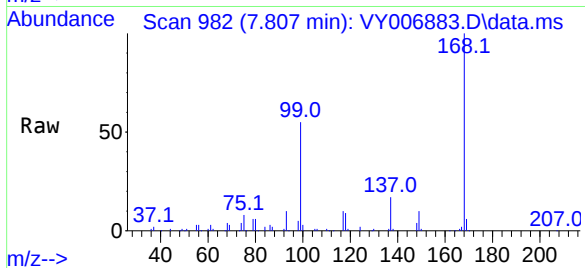
Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



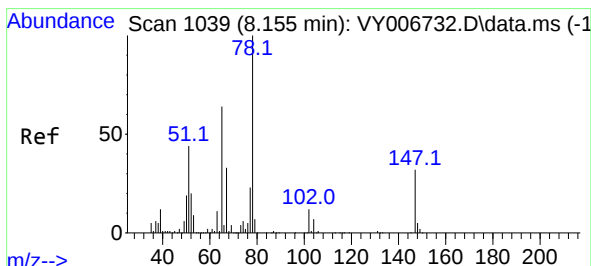
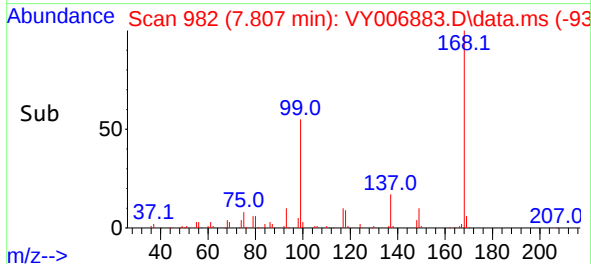
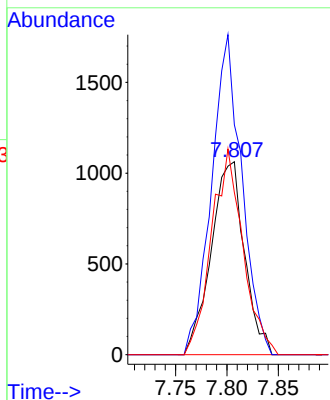


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :

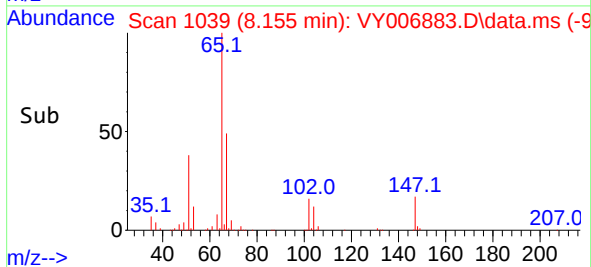
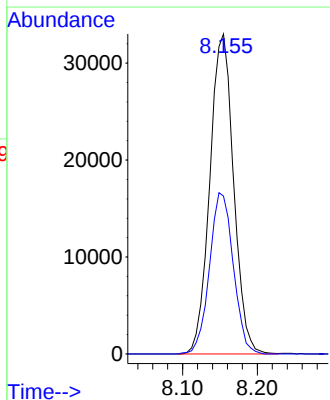
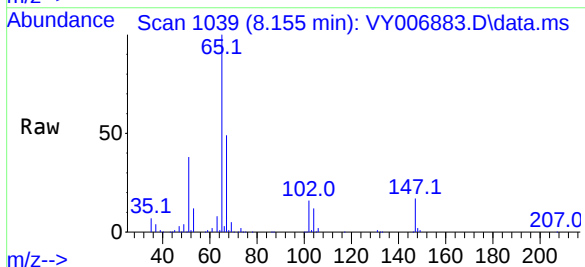


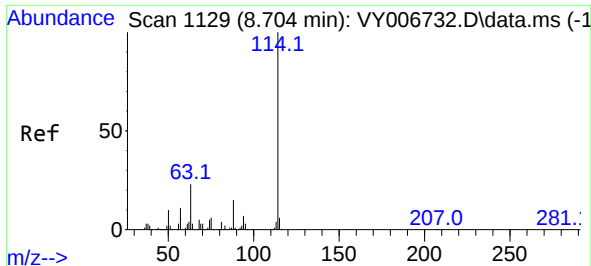
Tgt Ion: 56 Resp: 2401
Ion Ratio Lower Upper
56 100
69 119.2 26.6 40.0#
84 84.1 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 59.739 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

Tgt Ion: 65 Resp: 73028
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY006883.D

Acq: 24 Nov 2021 17:38

Instrument :

MSVOA_Y

ClientSampleId :

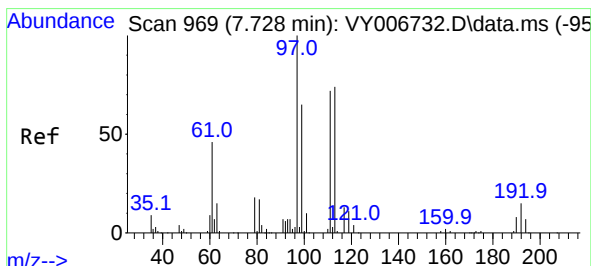
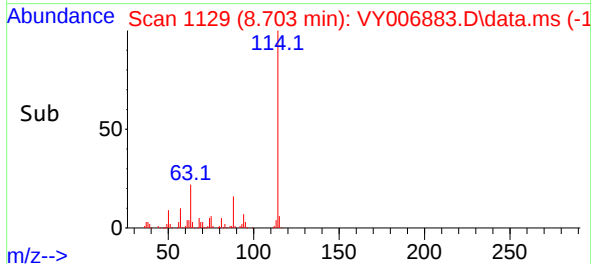
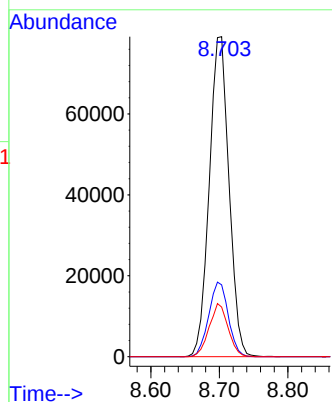
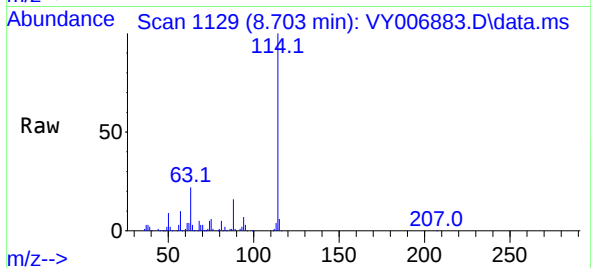
Tgt Ion:114 Resp: 157969

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.917 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY006883.D

Acq: 24 Nov 2021 17:38

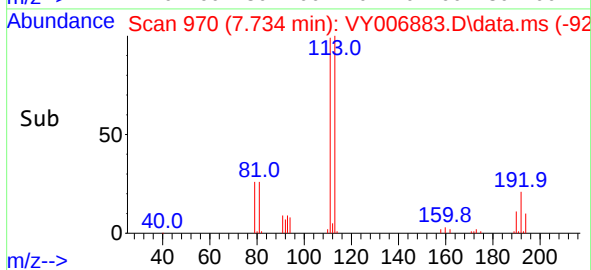
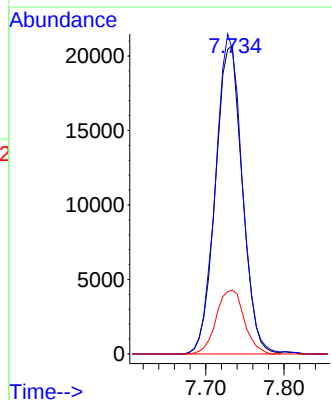
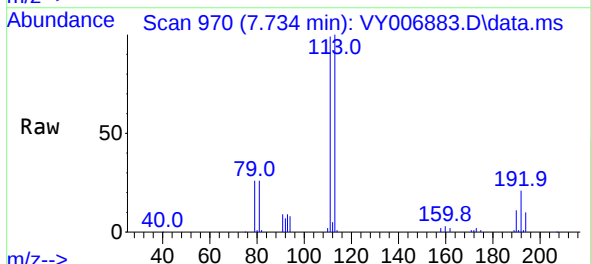
Tgt Ion:113 Resp: 49405

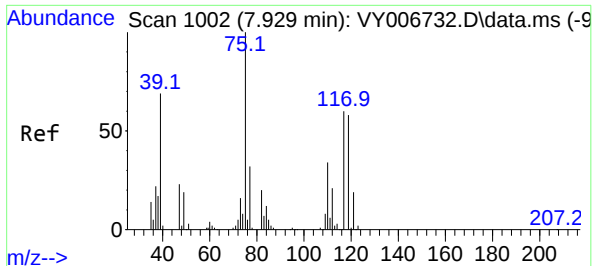
Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

192 21.5 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.616 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

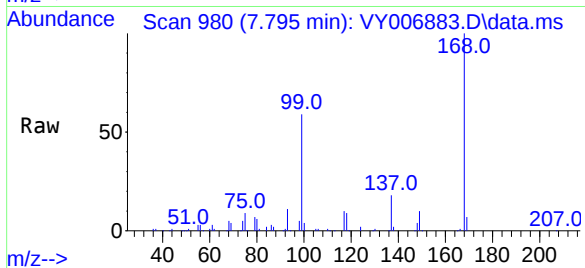
Lab File: VY006883.D

Acq: 24 Nov 2021 17:38

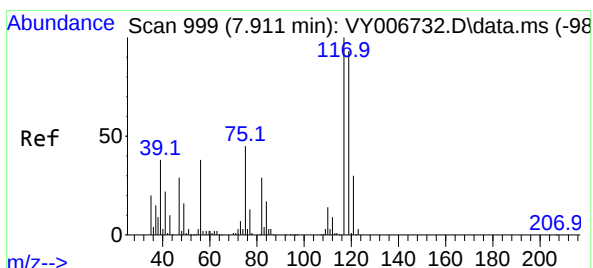
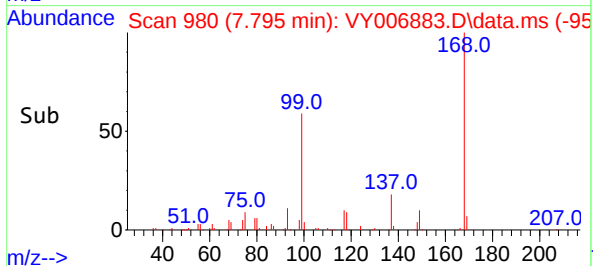
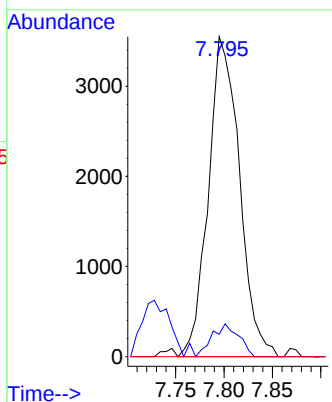
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	7926
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.396 ug/l

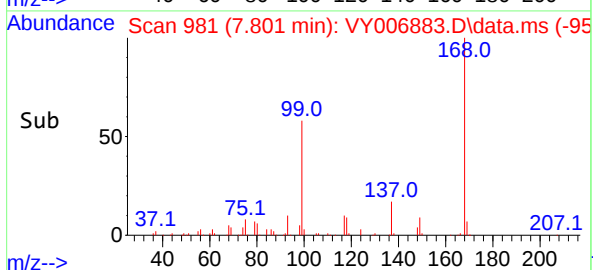
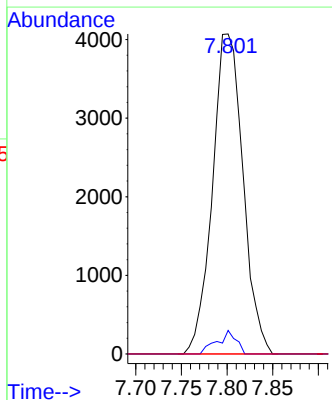
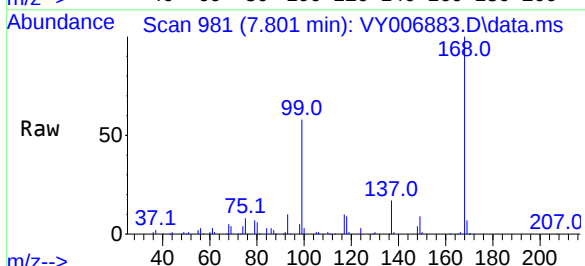
RT: 7.801 min Scan# 981

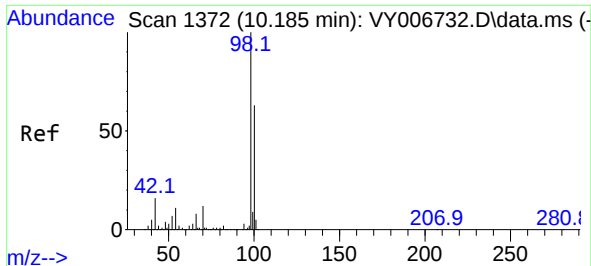
Delta R.T. -0.110 min

Lab File: VY006883.D

Acq: 24 Nov 2021 17:38

Tgt Ion:	117	Resp:	9477
Ion	Ratio	Lower	Upper
117	100		
119	7.3	76.6	115.0#
121	0.0	24.7	37.1#

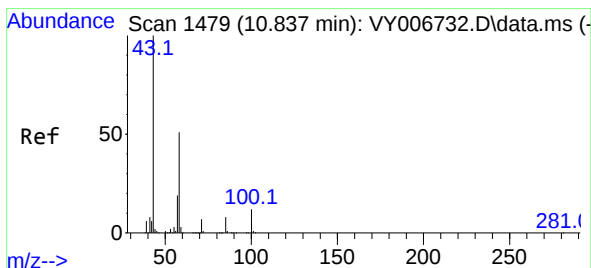
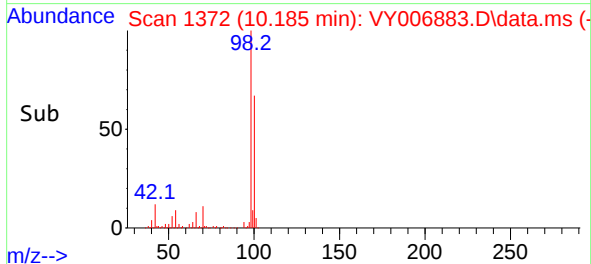
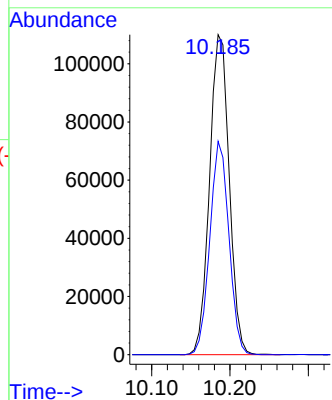
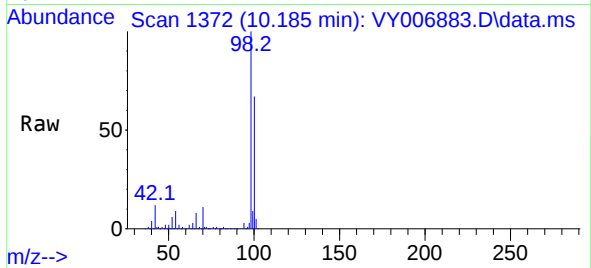




#50
Toluene-d8
Concen: 47.724 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

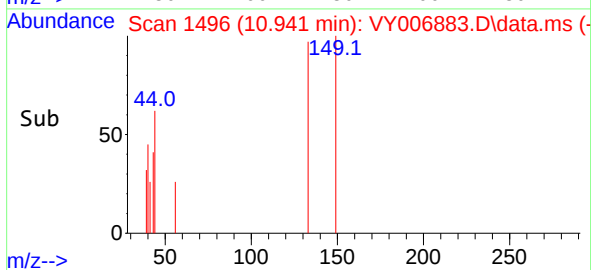
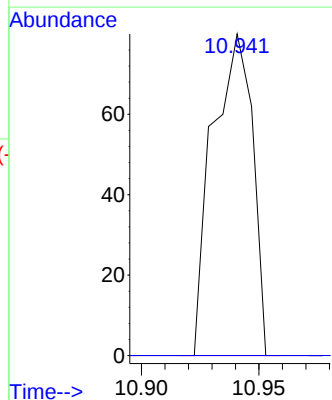
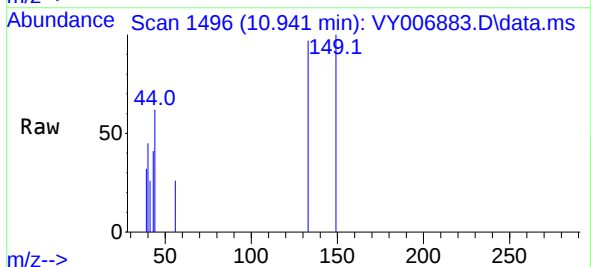
Instrument :
MSVOA_Y
ClientSampleId :

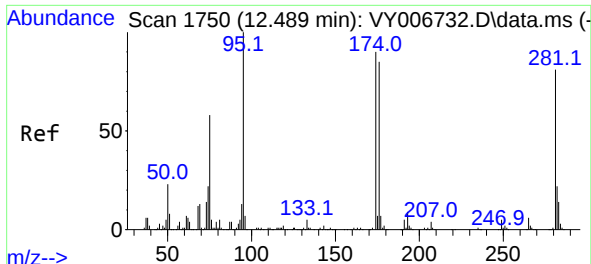
Tgt Ion: 98 Resp: 191626
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



#59
2-Hexanone
Concen: 23.919 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.104 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

Tgt Ion: 43 Resp: 95
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

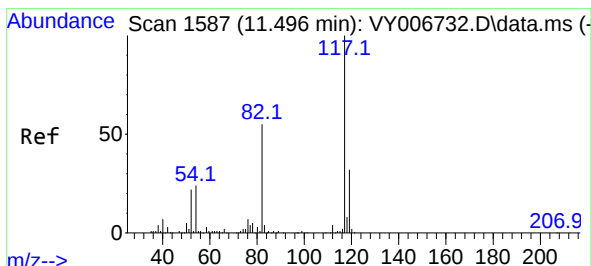
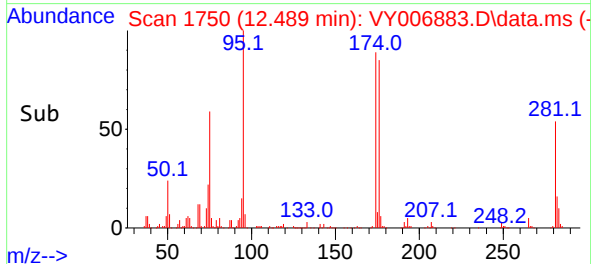
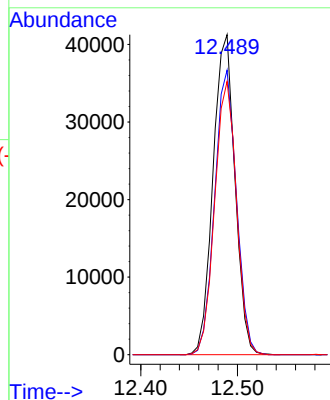
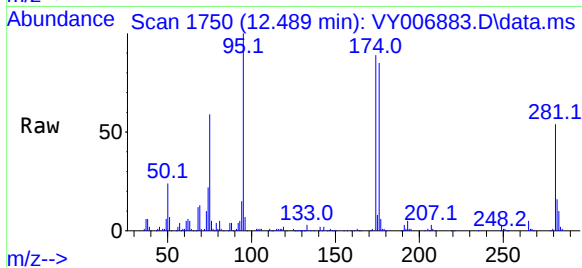




#62
4-Bromofluorobenzene
Concen: 47.950 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

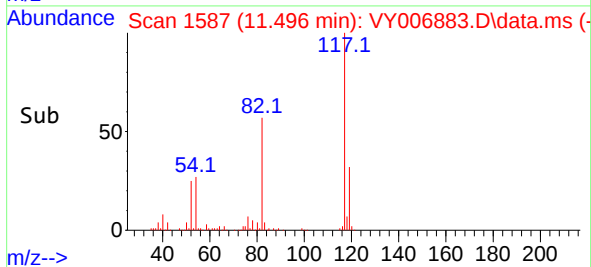
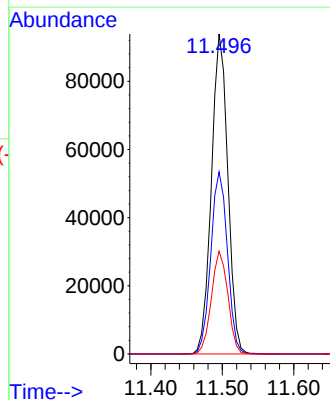
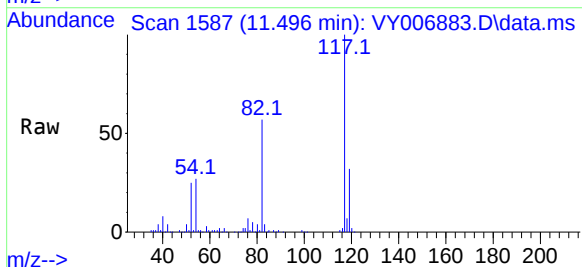
Instrument :
MSVOA_Y
ClientSampleId :

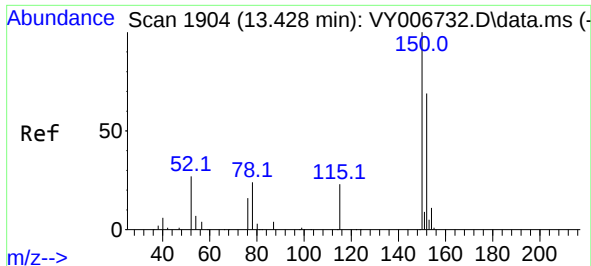
Tgt Ion: 95 Resp: 64907
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 85.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

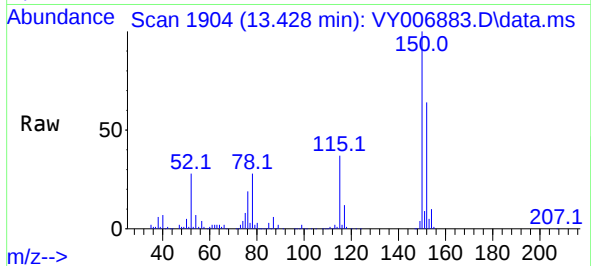
Tgt Ion: 117 Resp: 149793
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 32.1 25.5 38.3



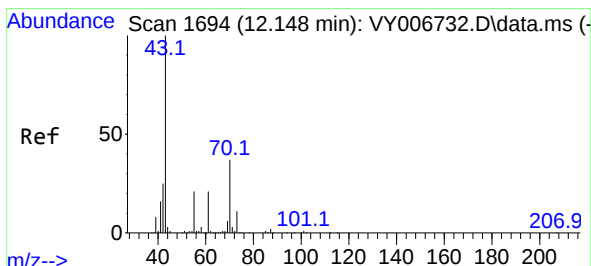
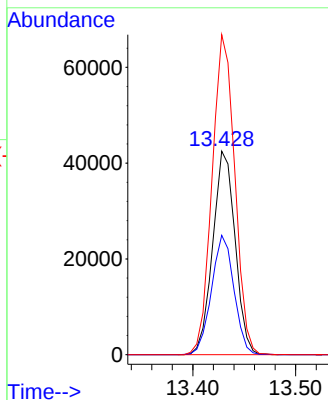
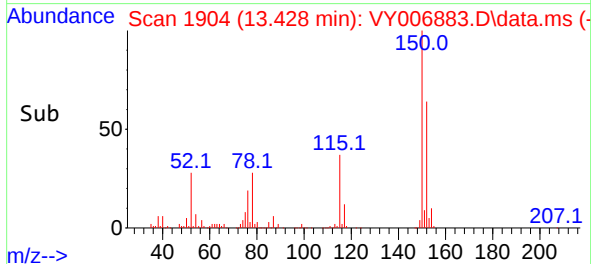


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

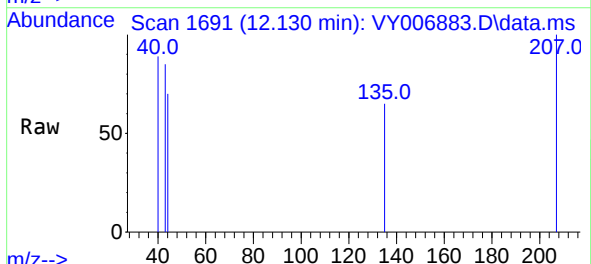
Instrument :
MSVOA_Y
ClientSampleId :



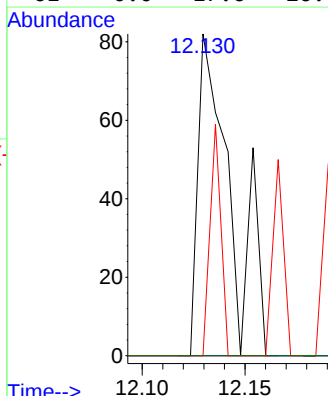
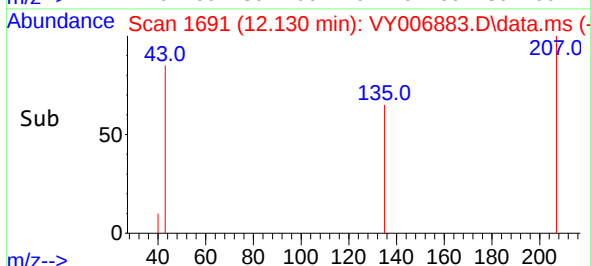
Tgt Ion:152 Resp: 64399
Ion Ratio Lower Upper
152 100
115 58.9 28.5 85.5
150 159.3 0.0 348.2

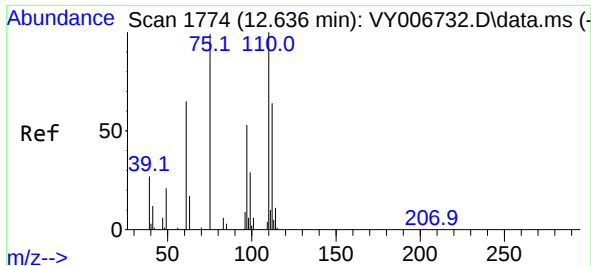


#74
N-ethyl acetate
Concen: 3.203 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.018 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38



Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 24.2 18.1 27.1
61 0.0 17.6 26.4#

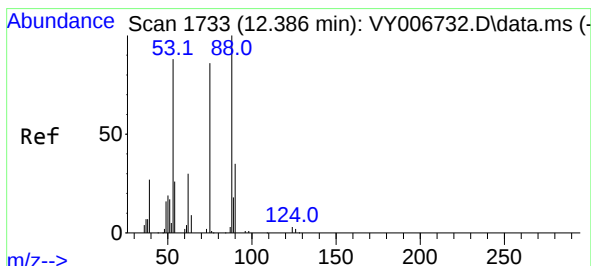
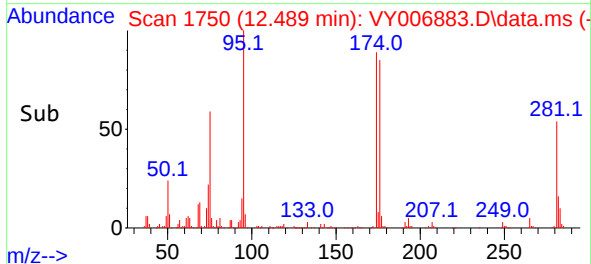
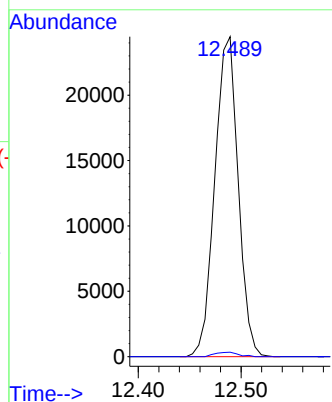
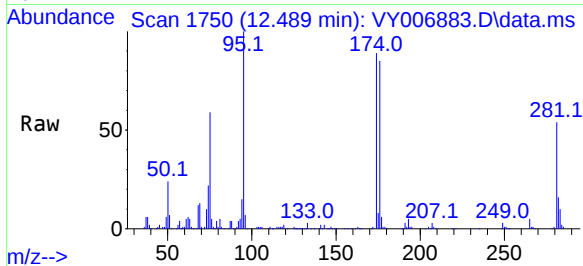




#76
1,2,3-Trichloropropane
Concen: 55.025 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38526
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.030 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

Tgt Ion: 75 Resp: 38526
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.4 39.3 58.9#

