

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006866.D
 Acq On : 23 Nov 2021 13:30
 Operator : SY/MD
 Sample : M4758-31RE
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 02:04:22 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)

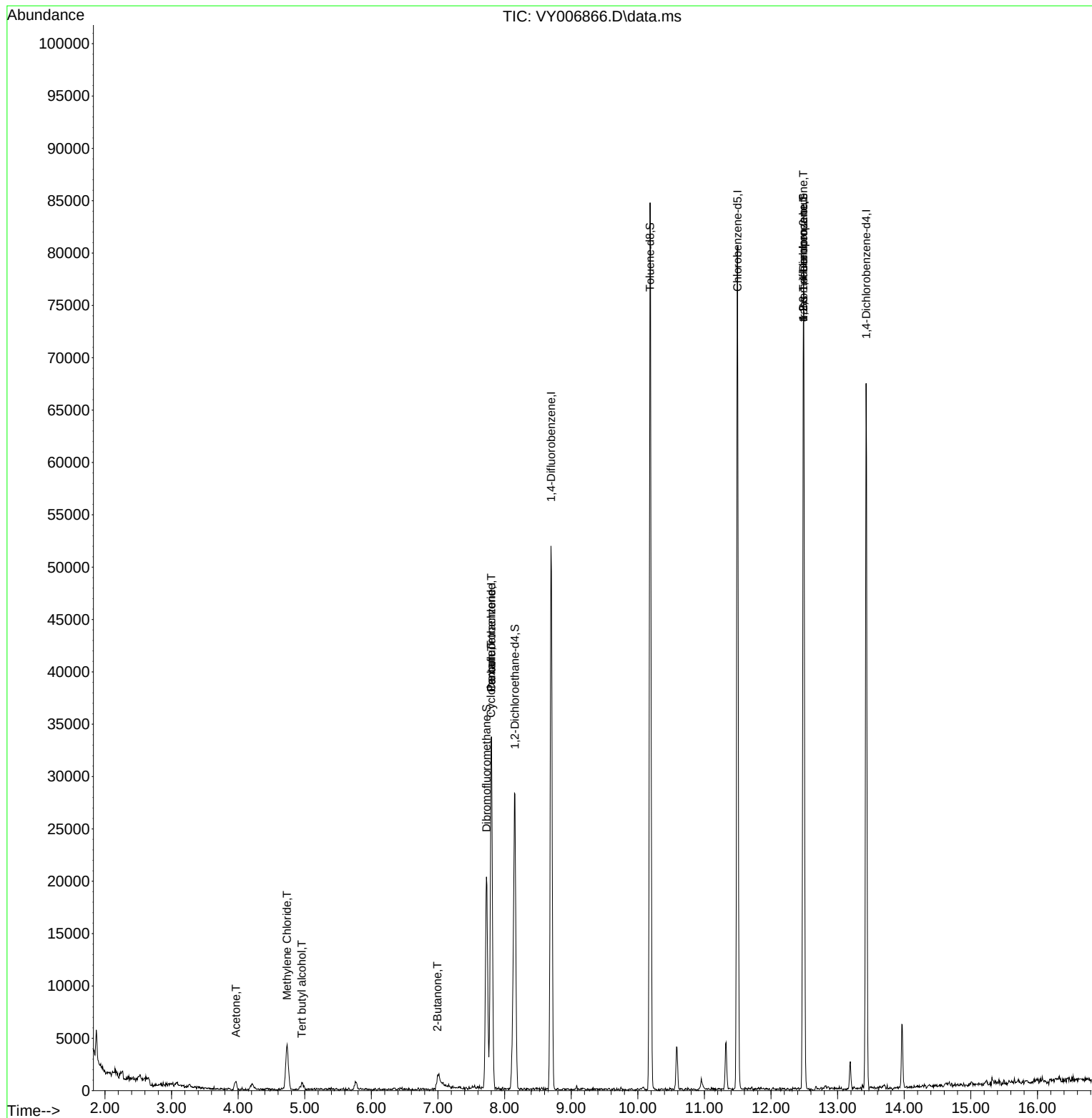
Internal Standards						
1) Pentafluorobenzene	7.801	168	25463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	41230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	41997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	21513	64.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.920%	
35) Dibromofluoromethane	7.728	113	13374	52.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.620%	
50) Toluene-d8	10.185	98	53566	51.113	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.483	95	15659	44.322	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1357	27.038	ug/l #	72
16) Acetone	3.966	43	1373	13.541	ug/l #	87
20) Methylene Chloride	4.735	84	2922	6.690	ug/l	94
25) 2-Butanone	6.990	43	20	11.630	ug/l #	52
31) Cyclohexane	7.795	56	600	1.023	ug/l #	1
38) Carbon Tetrachloride	7.801	117	2699	5.888	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	9365	49.456	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9365	97.995	ug/l #	7

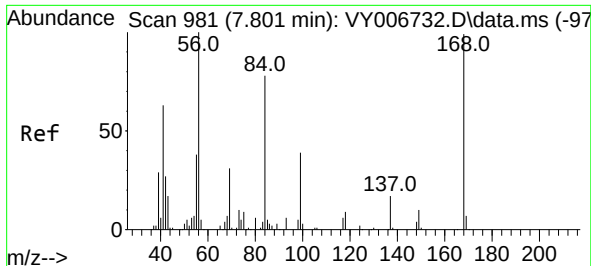
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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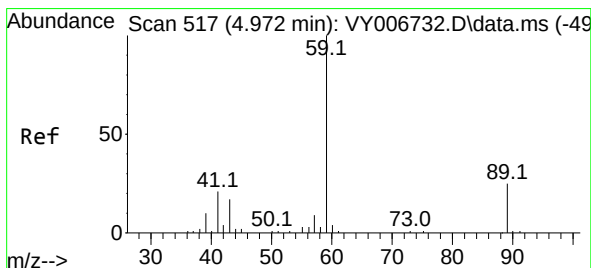
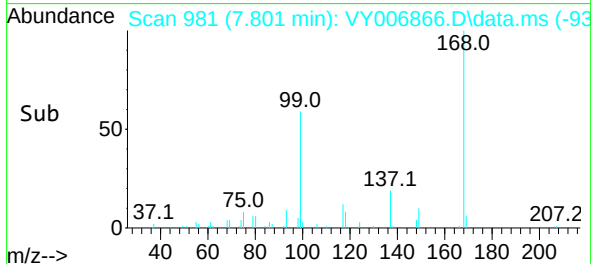
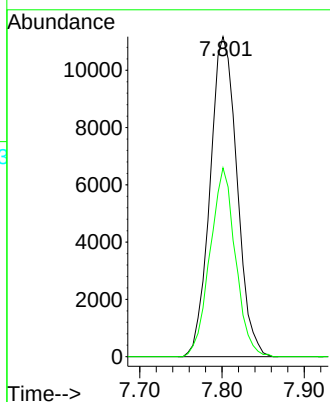
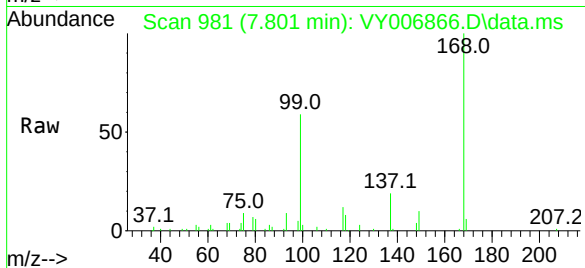




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006866.D
Acq: 23 Nov 2021 13:30

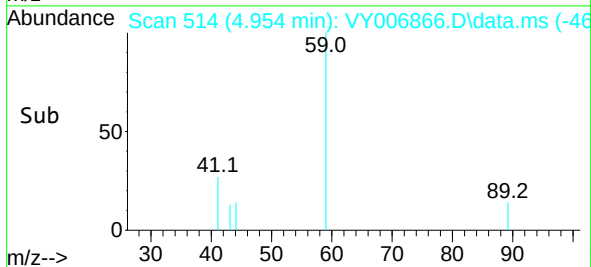
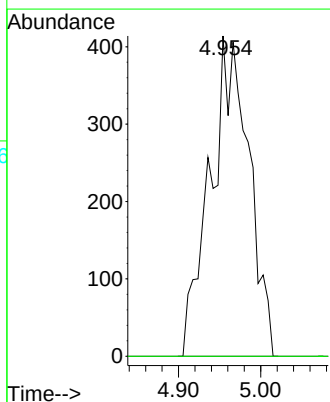
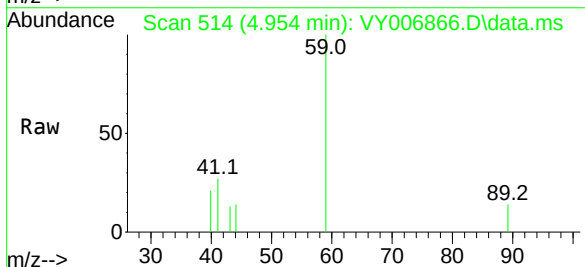
Instrument :
MSVOA_Y
ClientSampleId :

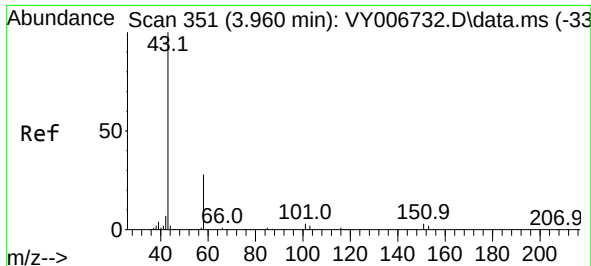
Tgt Ion:168 Resp: 25463
Ion Ratio Lower Upper
168 100
99 59.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 27.038 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006866.D
Acq: 23 Nov 2021 13:30

Tgt Ion: 59 Resp: 1357
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

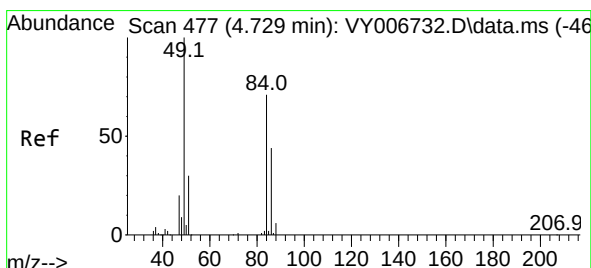
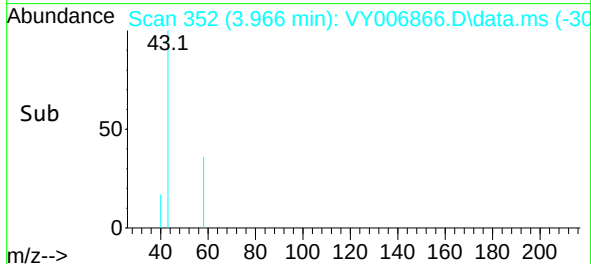
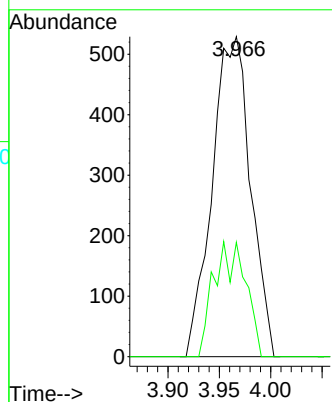
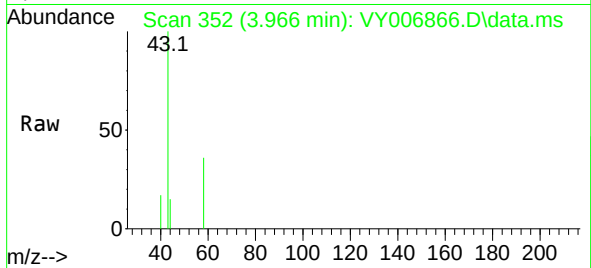




#16
Acetone
Concen: 13.541 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006866.D
Acq: 23 Nov 2021 13:30

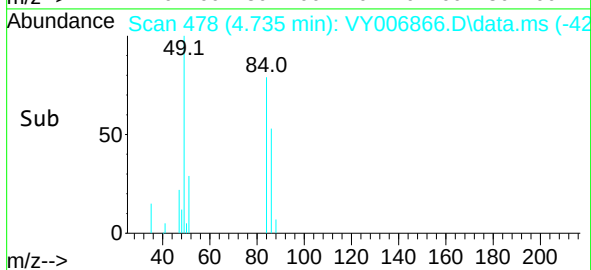
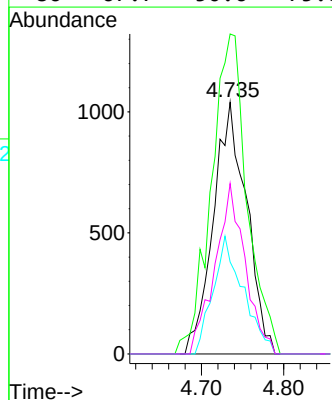
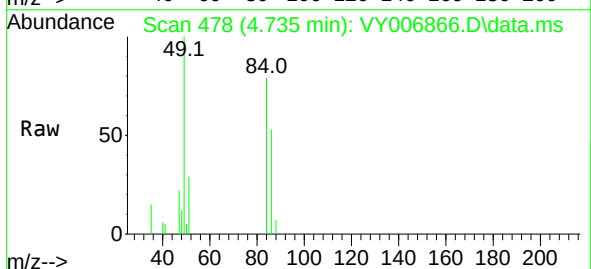
Instrument :
MSVOA_Y
ClientSampleId :

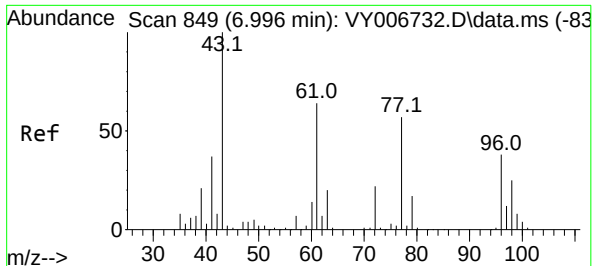
Tgt Ion: 43 Resp: 1373
Ion Ratio Lower Upper
43 100
58 35.7 22.9 34.3#



#20
Methylene Chloride
Concen: 6.690 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY006866.D
Acq: 23 Nov 2021 13:30

Tgt Ion: 84 Resp: 2922
Ion Ratio Lower Upper
84 100
49 127.1 107.8 161.8
51 36.5 32.8 49.2
86 67.7 50.6 75.8





#25

2-Butanone

Concen: 11.630 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY006866.D

Acq: 23 Nov 2021 13:30

Instrument :

MSVOA_Y

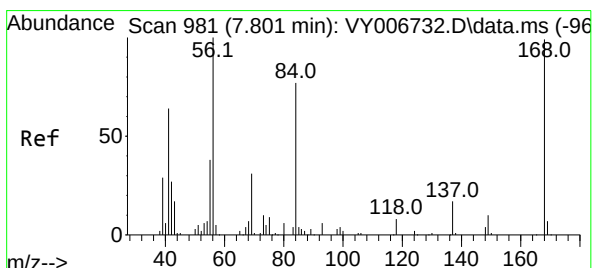
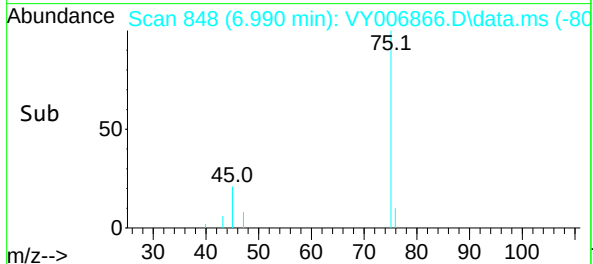
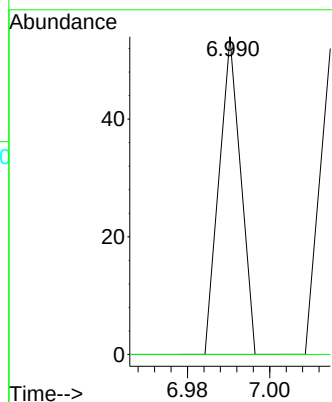
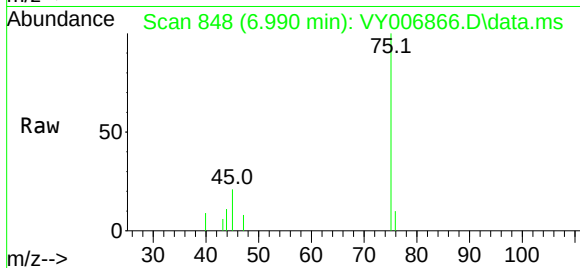
ClientSampleId :

Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.023 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006866.D

Acq: 23 Nov 2021 13:30

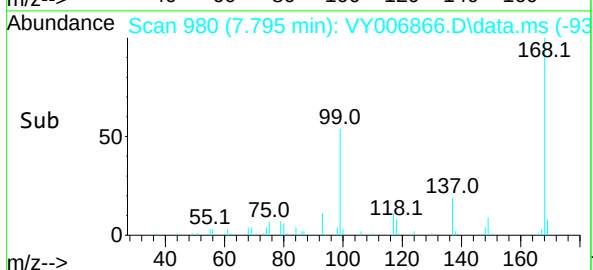
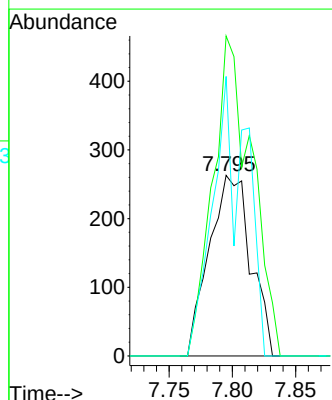
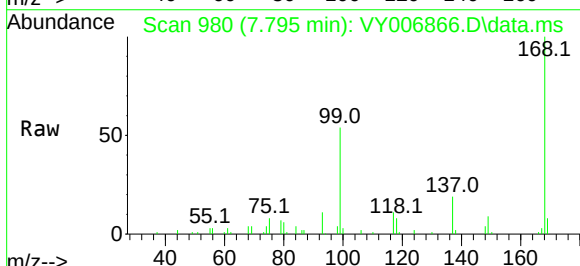
Tgt Ion: 56 Resp: 600

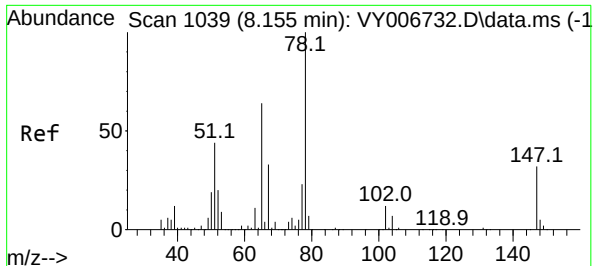
Ion Ratio Lower Upper

56 100

69 177.2 26.6 40.0#

84 154.8 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 64.464 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY006866.D

Acq: 23 Nov 2021 13:30

Instrument :

MSVOA_Y

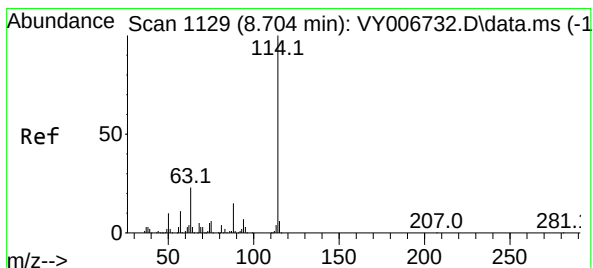
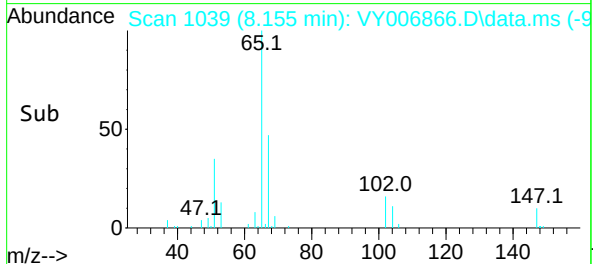
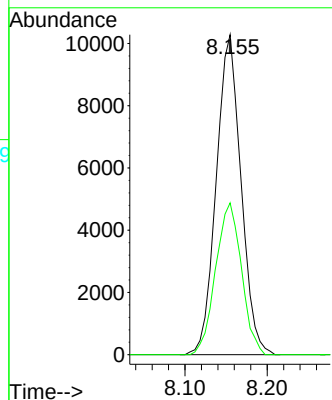
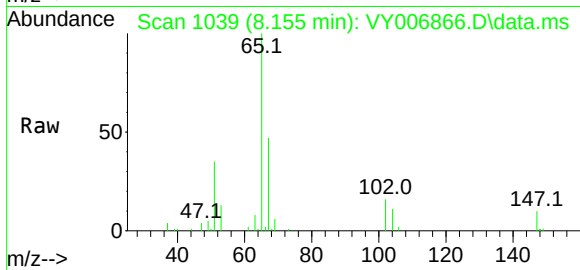
ClientSampleId :

Tgt Ion: 65 Resp: 21513

Ion Ratio Lower Upper

65 100

67 49.5 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: VY006866.D

Acq: 23 Nov 2021 13:30

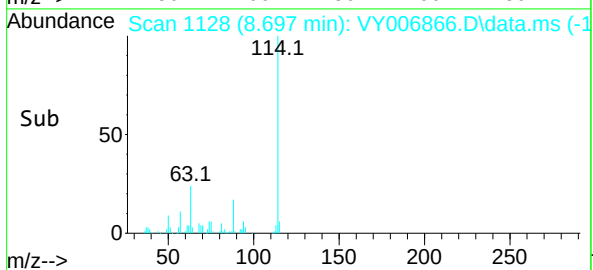
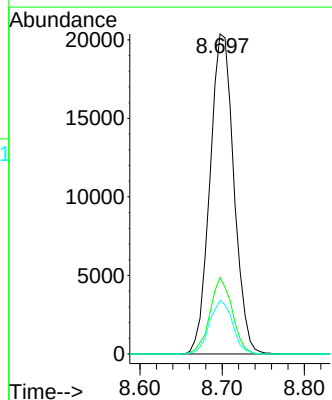
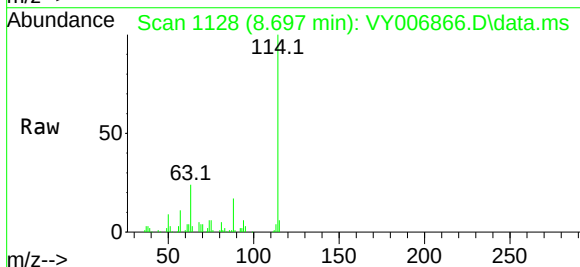
Tgt Ion: 114 Resp: 41230

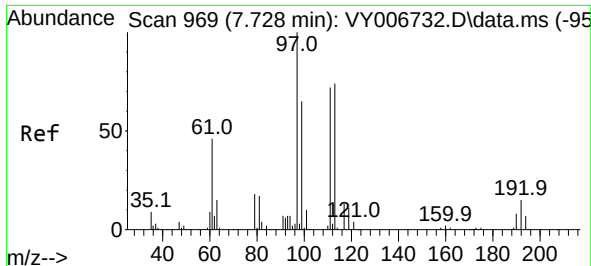
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 16.8 0.0 30.6

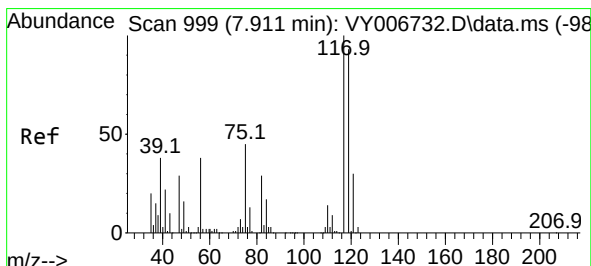
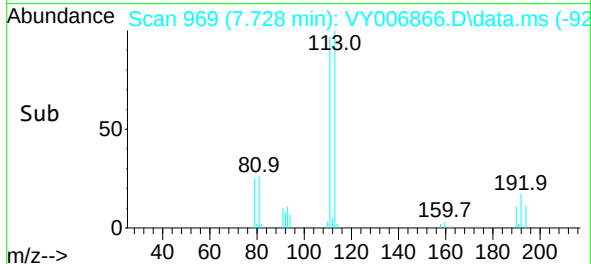
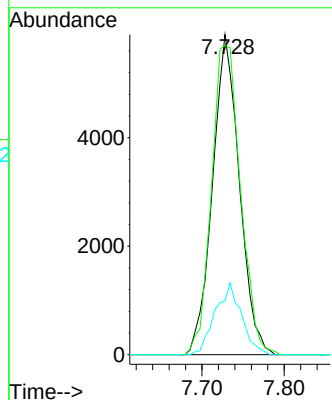
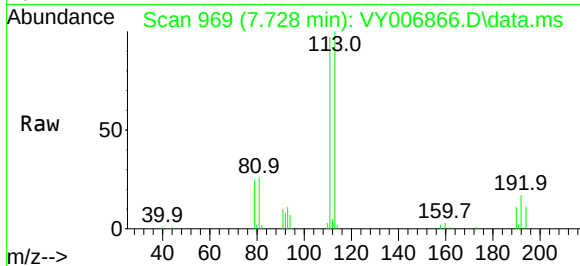




#35
Dibromofluoromethane
Concen: 52.809 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006866.D
Acq: 23 Nov 2021 13:30

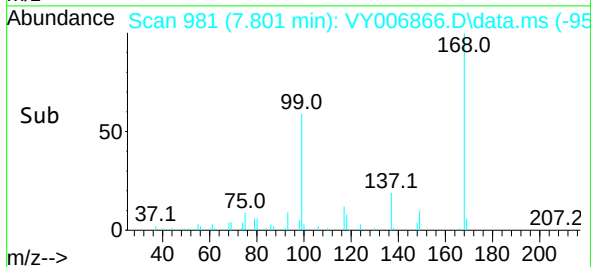
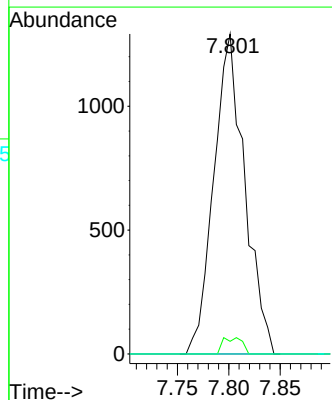
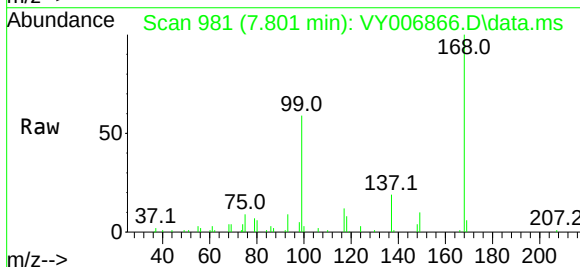
Instrument :
MSVOA_Y
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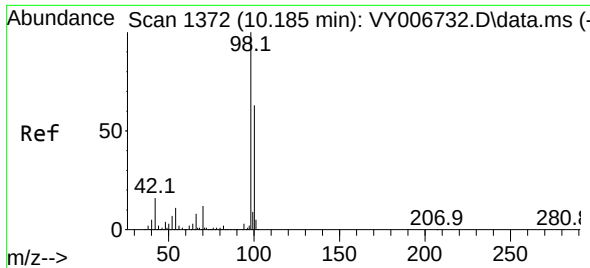
Tgt Ion:113 Resp: 13374
Ion Ratio Lower Upper
113 100
111 104.6 82.3 123.5
192 21.9 17.4 26.2



#38
Carbon Tetrachloride
Concen: 5.888 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY006866.D
Acq: 23 Nov 2021 13:30

Tgt Ion:117 Resp: 2699
Ion Ratio Lower Upper
117 100
119 3.9 76.6 115.0#
121 0.0 24.7 37.1#

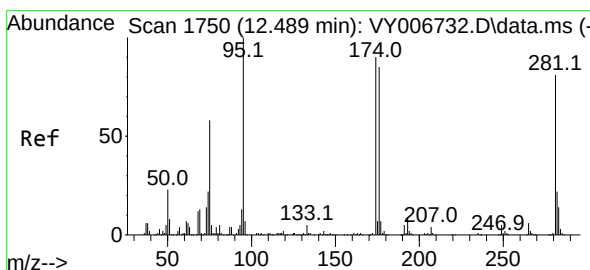
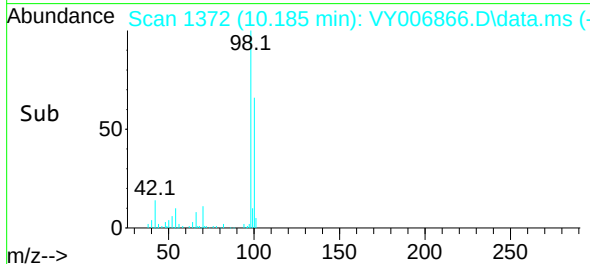
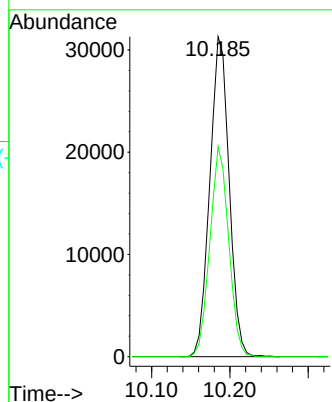
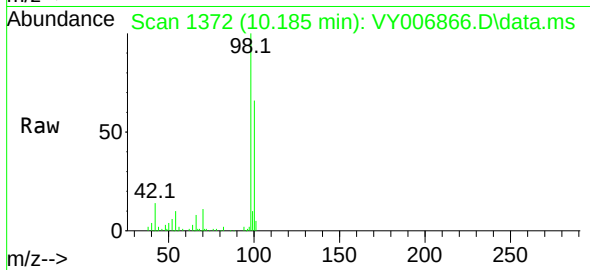




#50
Toluene-d8
Concen: 51.113 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006866.D
Acq: 23 Nov 2021 13:30

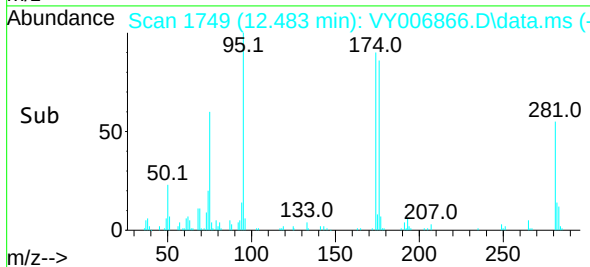
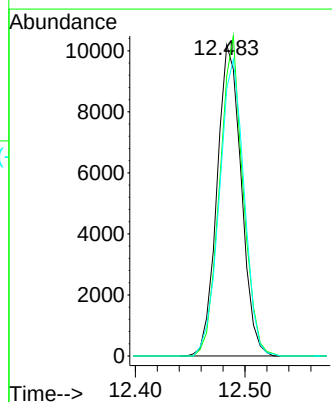
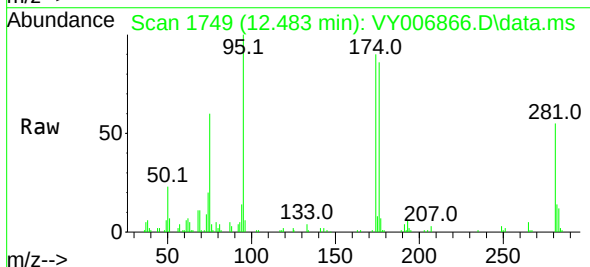
Instrument :
MSVOA_Y
ClientSampleId :

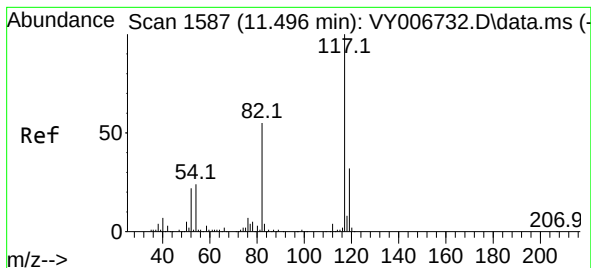
Tgt Ion: 98 Resp: 53566
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.322 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006866.D
Acq: 23 Nov 2021 13:30

Tgt Ion: 95 Resp: 15659
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 97.0 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: VY006866.D

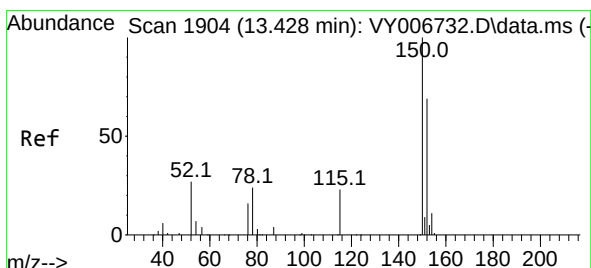
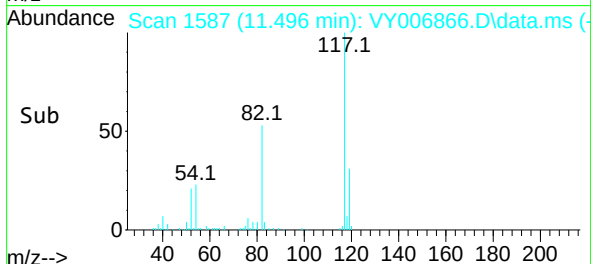
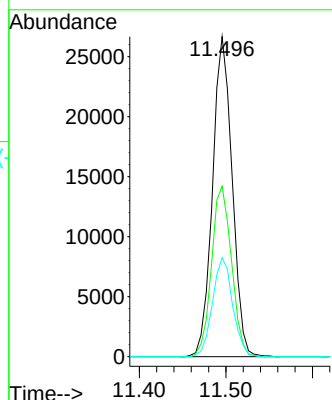
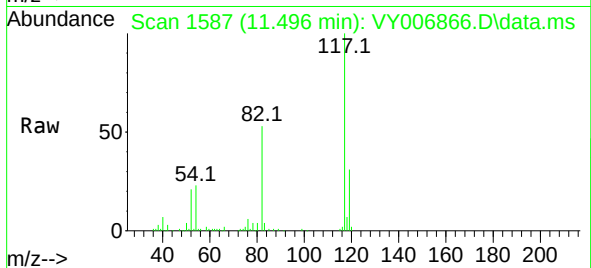
Acq: 23 Nov 2021 13:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	117	Resp:	41997
Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.7	68.5
119	30.9	25.5	38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

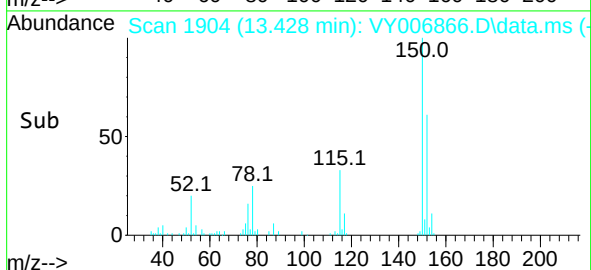
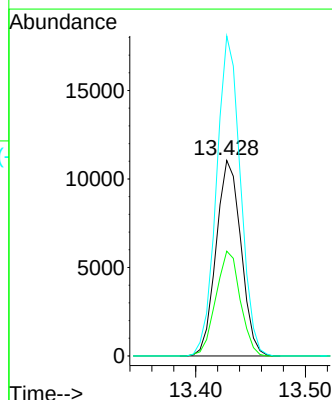
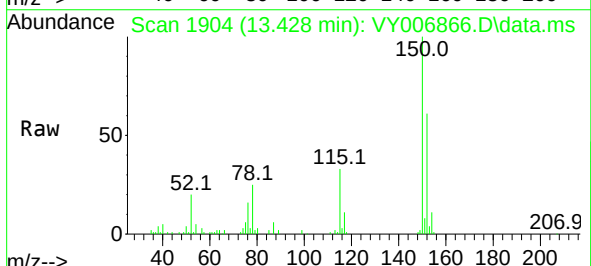
RT: 13.428 min Scan# 1904

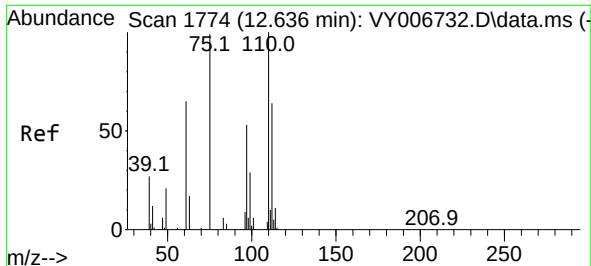
Delta R.T. 0.000 min

Lab File: VY006866.D

Acq: 23 Nov 2021 13:30

Tgt Ion:	152	Resp:	17417
Ion	Ratio	Lower	Upper
152	100		
115	52.6	28.5	85.5
150	157.6	0.0	348.2

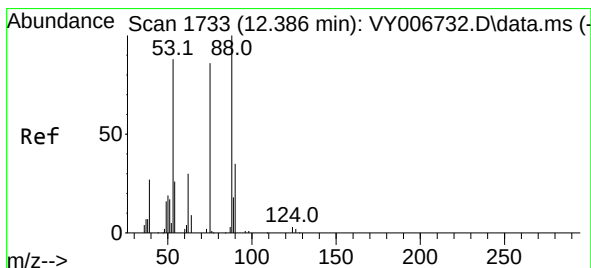
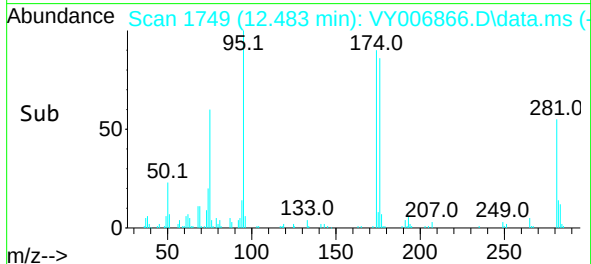
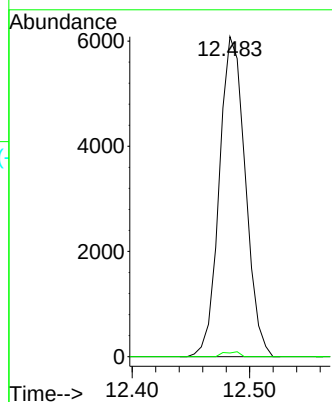
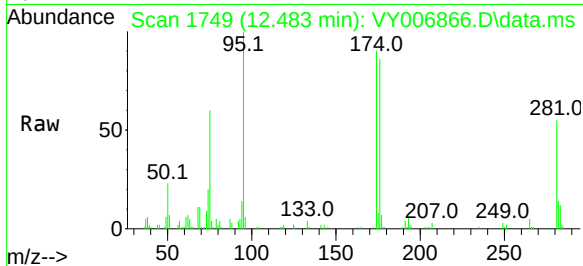




#76
1,2,3-Trichloropropane
Concen: 49.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006866.D
Acq: 23 Nov 2021 13:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9365
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.995 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006866.D
Acq: 23 Nov 2021 13:30

Tgt Ion: 75 Resp: 9365
Ion Ratio Lower Upper
75 100
53 0.2 85.8 128.6#
89 0.0 39.3 58.9#

