

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006795.D
 Acq On : 17 Nov 2021 18:38
 Operator : SY/MD
 Sample : M4707-18
 Misc : 4.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2D-2

Quant Time: Nov 18 03:03:23 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)

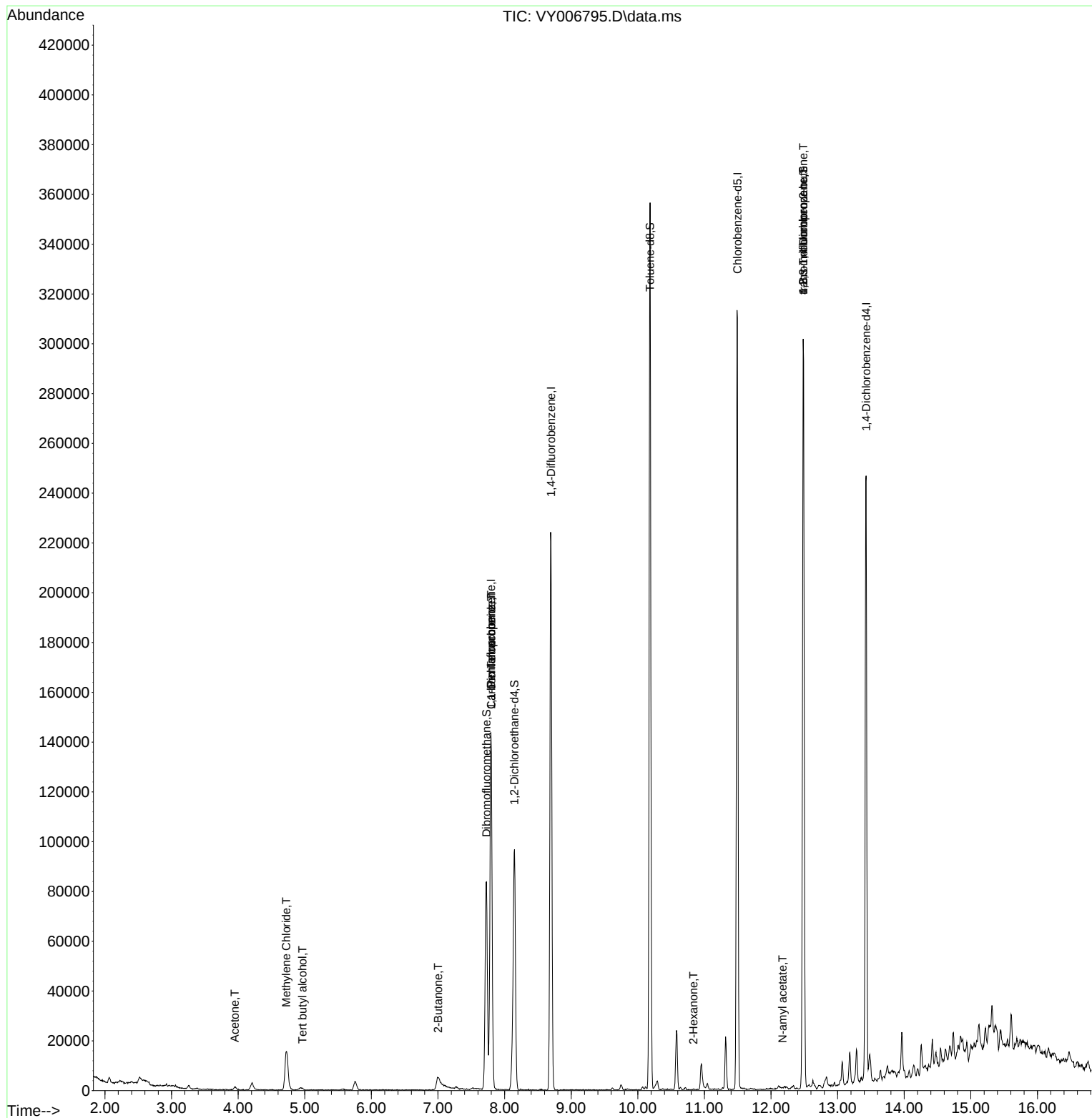
Internal Standards						
1) Pentafluorobenzene	7.795	168	116109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	186080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	155693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74258	48.798	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.600%		
35) Dibromofluoromethane	7.728	113	57754	50.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.060%		
50) Toluene-d8	10.185	98	219422	46.392	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.780%		
62) 4-Bromofluorobenzene	12.483	95	66919	41.968	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	83.940%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	1442	6.301	ug/l #	72
16) Acetone	3.948	43	2061	4.458	ug/l #	86
20) Methylene Chloride	4.722	84	10649	4.608	ug/l	94
25) 2-Butanone	7.003	43	651	12.424	ug/l #	52
36) 1,1-Dichloropropene	7.801	75	8482	4.194	ug/l #	52
38) Carbon Tetrachloride	7.801	117	10637	5.142	ug/l #	17
59) 2-Hexanone	10.837	43	138	23.943	ug/l #	28
74) N-amyl acetate	12.172	43	71	3.196	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	39174	60.574	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39174	120.026	ug/l #	7

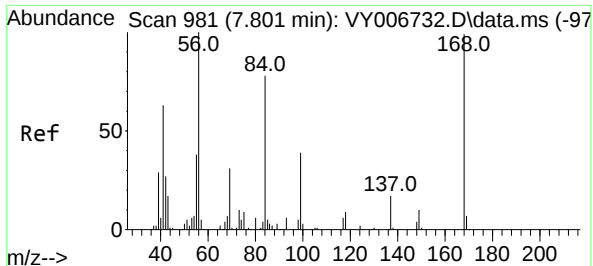
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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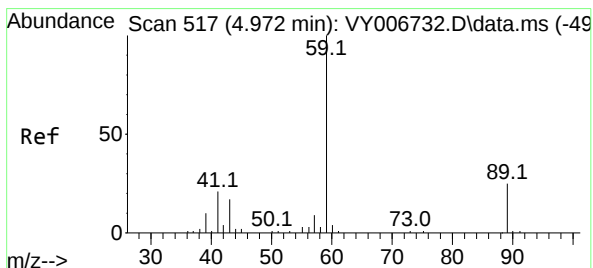
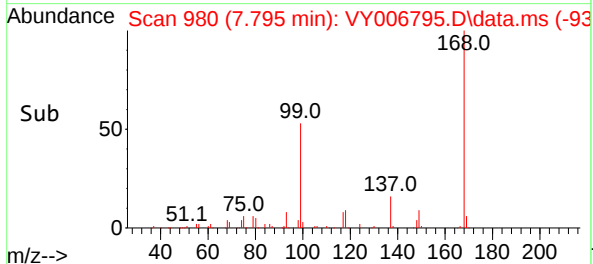
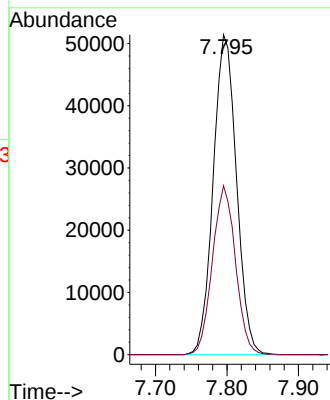
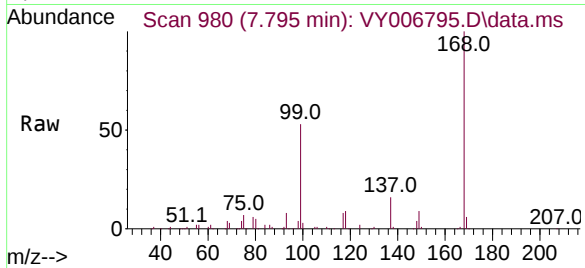




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

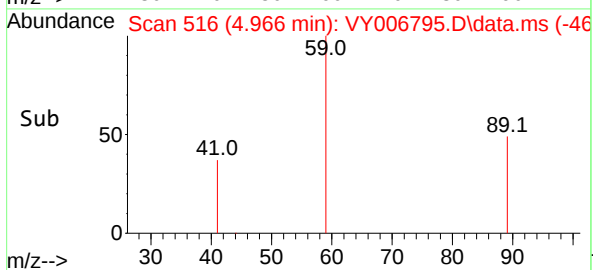
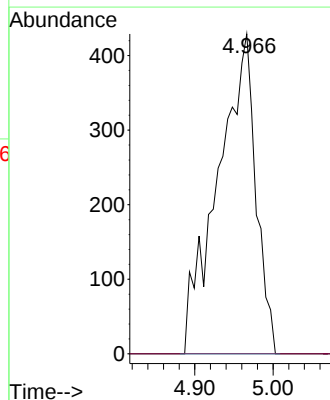
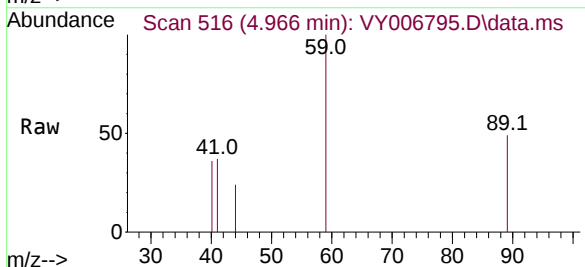
Instrument :
MSVOA_Y
ClientSampleId :
2D-2

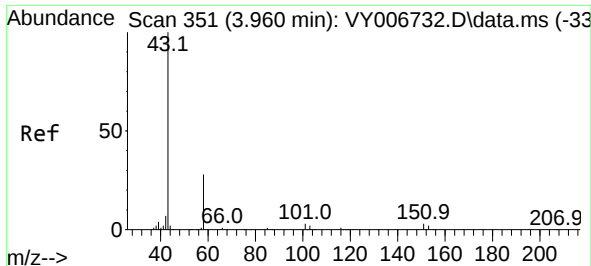
Tgt Ion:168 Resp: 116109
Ion Ratio Lower Upper
168 100
99 52.8 44.8 67.2



#11
Tert butyl alcohol
Concen: 6.301 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

Tgt Ion: 59 Resp: 1442
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

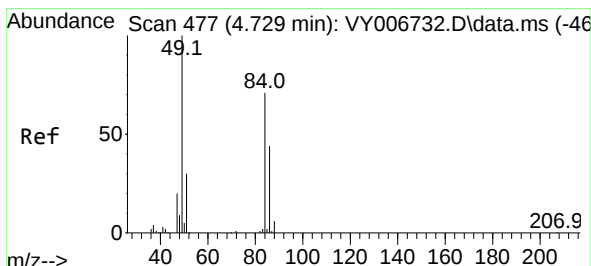
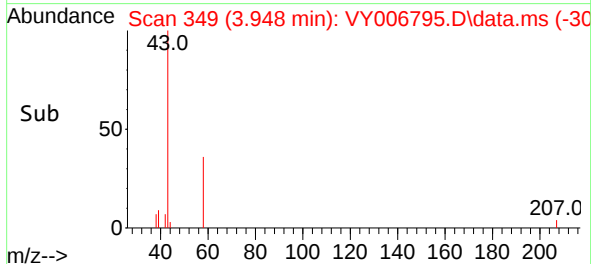
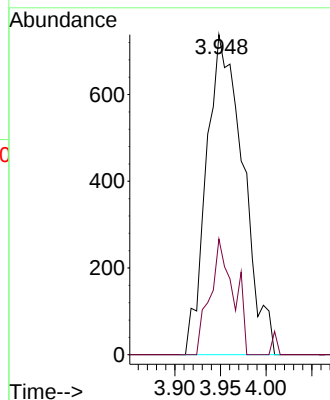
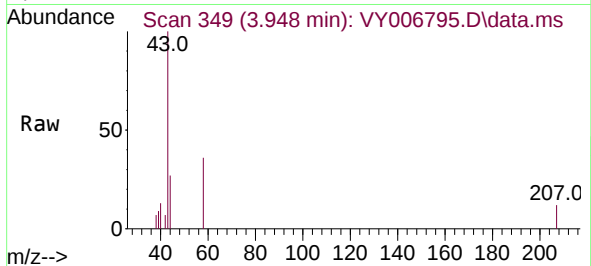




#16
Acetone
Concen: 4.458 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

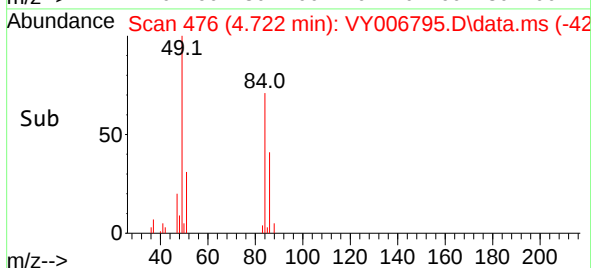
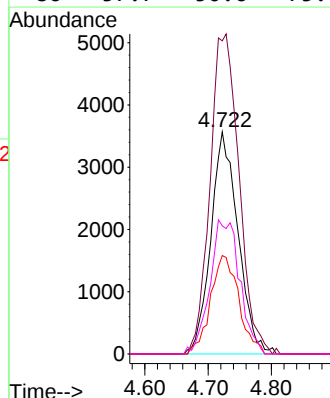
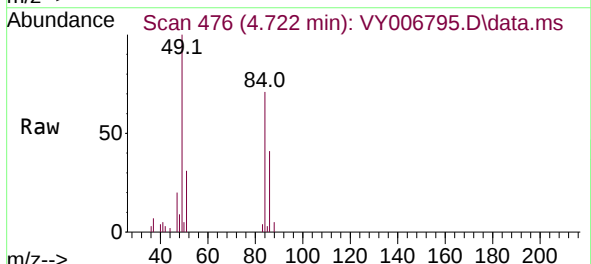
Instrument :
MSVOA_Y
ClientSampleId :
2D-2

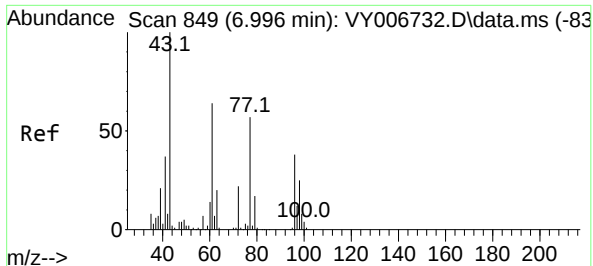
Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
58 36.2 22.9 34.3#



#20
Methylene Chloride
Concen: 4.608 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

Tgt Ion: 84 Resp: 10649
Ion Ratio Lower Upper
84 100
49 141.0 107.8 161.8
51 44.4 32.8 49.2
86 57.7 50.6 75.8





#25

2-Butanone

Concen: 12.424 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY006795.D

Acq: 17 Nov 2021 18:38

Instrument :

MSVOA_Y

ClientSampleId :

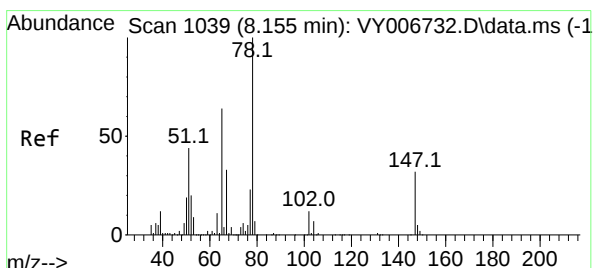
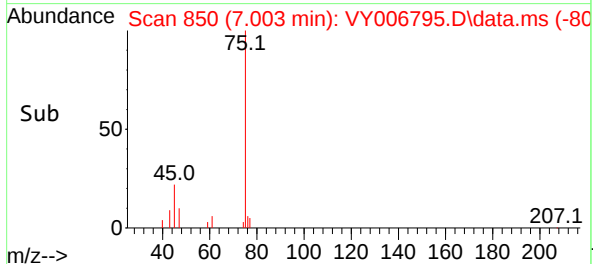
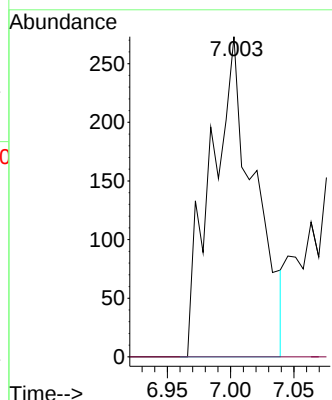
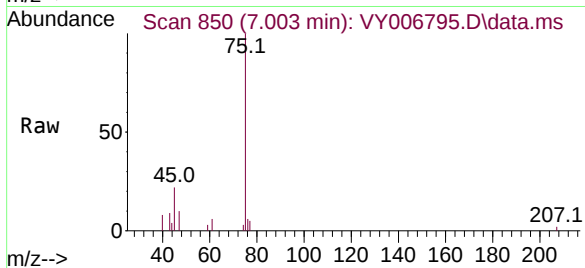
2D-2

Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#33

1,2-Dichloroethane-d4

Concen: 48.798 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006795.D

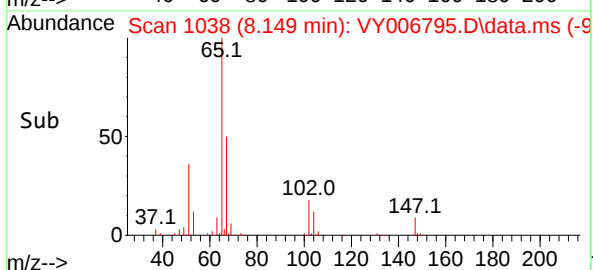
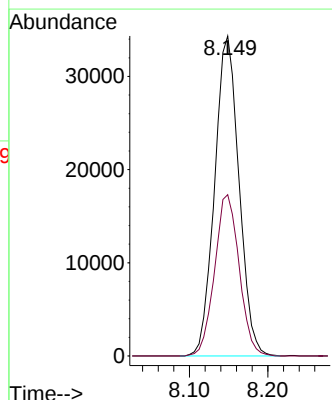
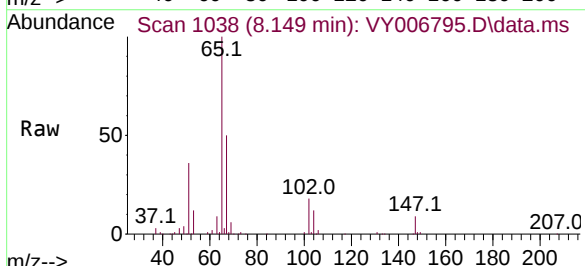
Acq: 17 Nov 2021 18:38

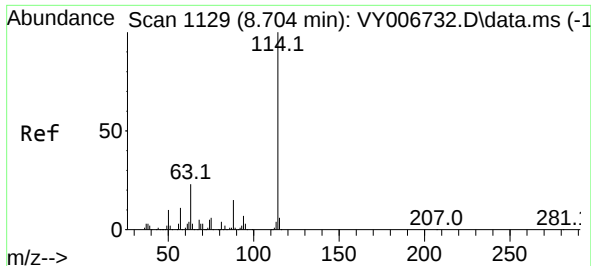
Tgt Ion: 65 Resp: 74258

Ion Ratio Lower Upper

65 100

67 50.7 0.0 98.2

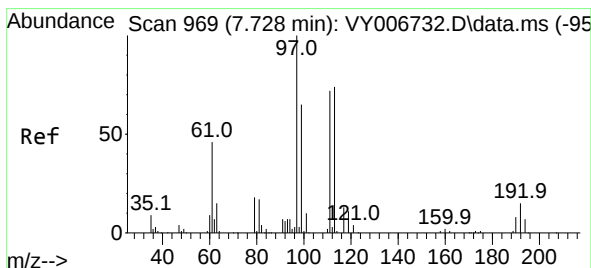
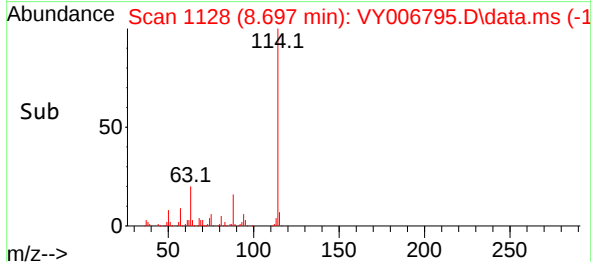
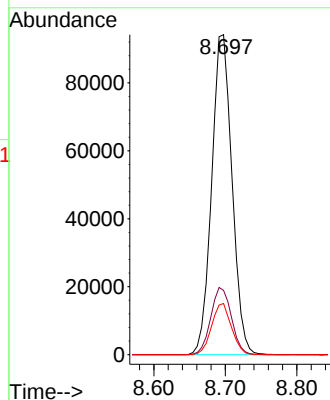
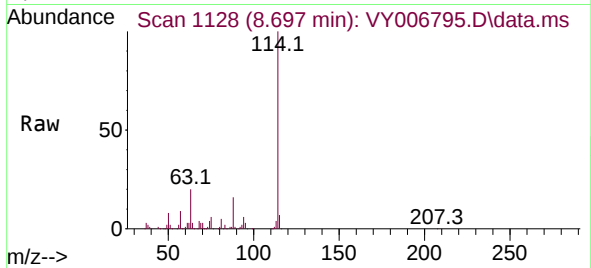




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

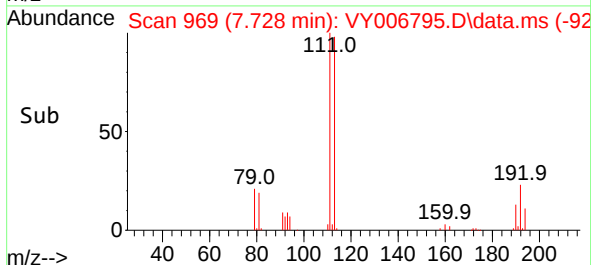
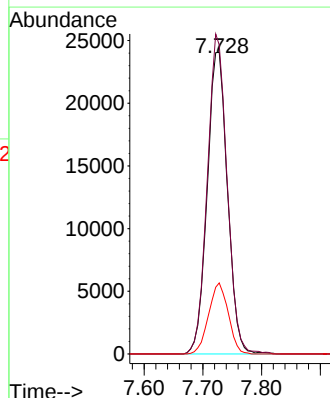
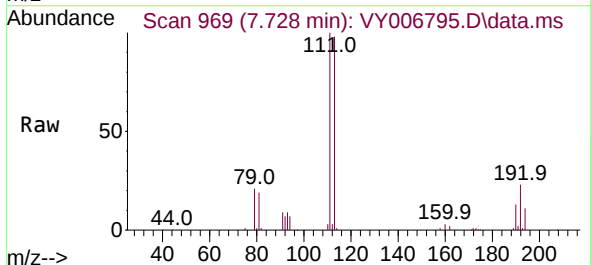
Instrument :
MSVOA_Y
ClientSampleId :
2D-2

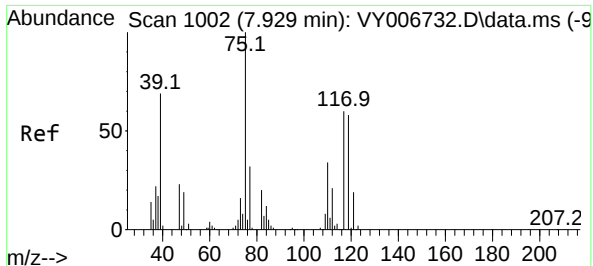
Tgt Ion:114 Resp: 186080
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.529 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

Tgt Ion:113 Resp: 57754
Ion Ratio Lower Upper
113 100
111 103.5 82.3 123.5
192 22.8 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.194 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY006795.D

Acq: 17 Nov 2021 18:38

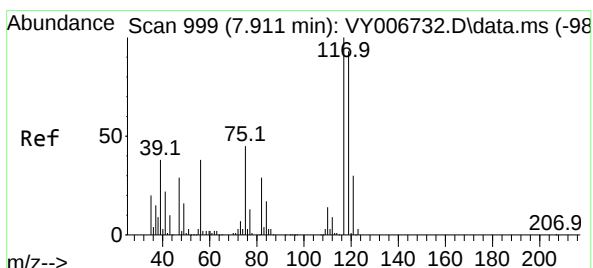
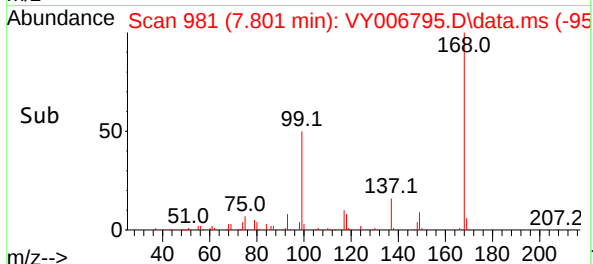
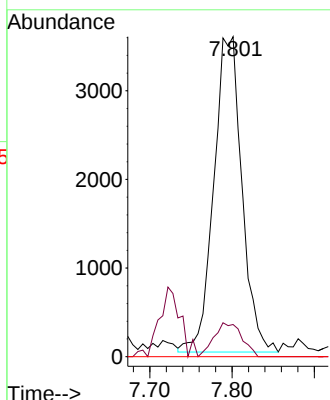
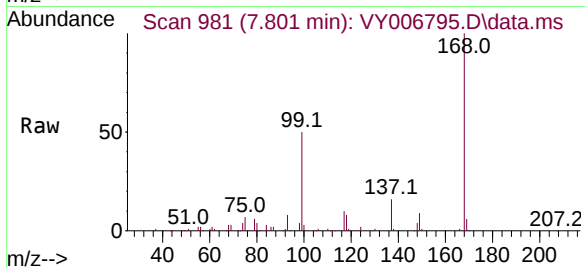
Instrument :

MSVOA_Y

ClientSampleId :

2D-2

Tgt Ion:	75	Resp:	8482
Ion	Ratio	Lower	Upper
75	100		
110	10.6	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.142 ug/l

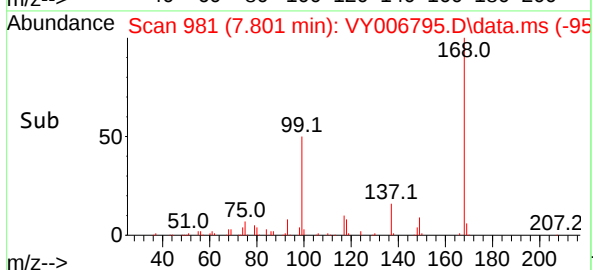
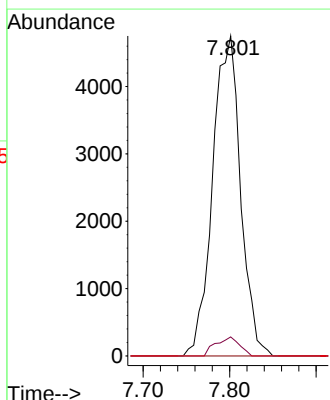
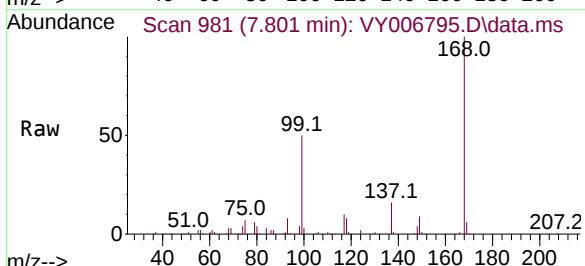
RT: 7.801 min Scan# 981

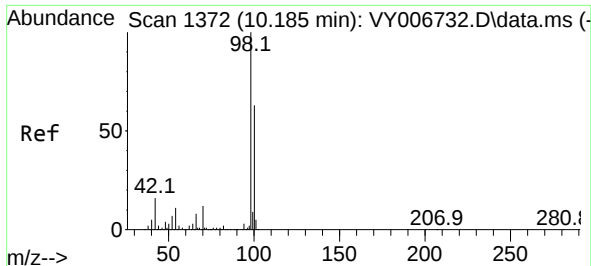
Delta R.T. -0.110 min

Lab File: VY006795.D

Acq: 17 Nov 2021 18:38

Tgt Ion:	117	Resp:	10637
Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.6	115.0#
121	0.0	24.7	37.1#

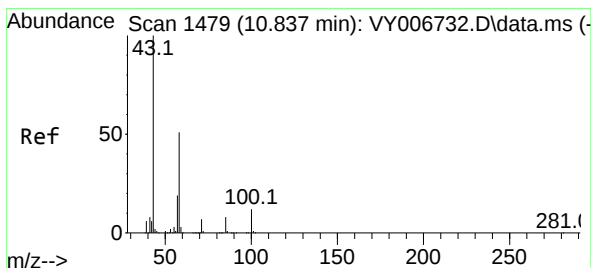
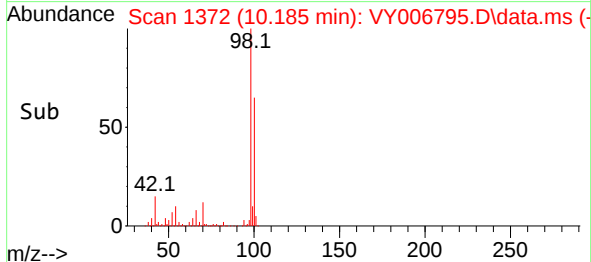
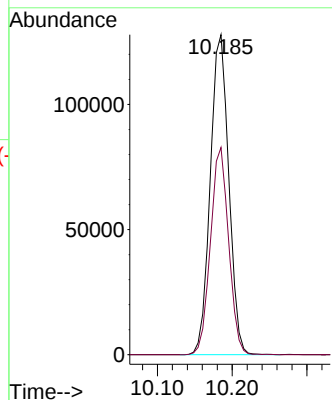
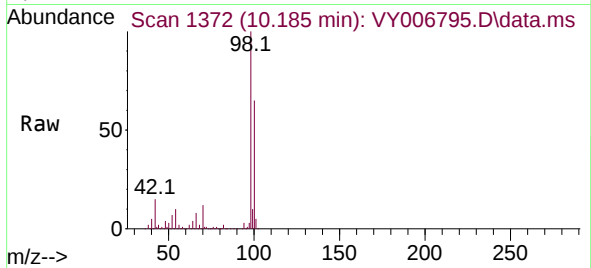




#50
Toluene-d8
Concen: 46.392 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

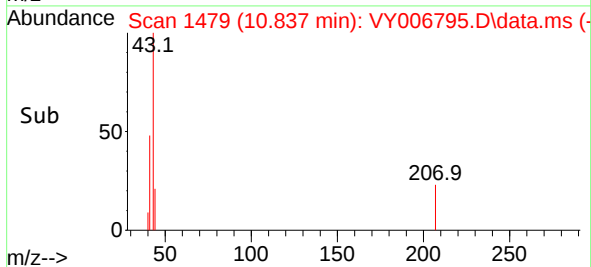
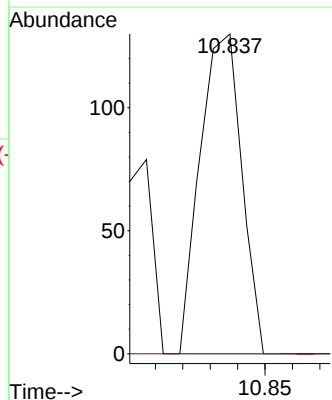
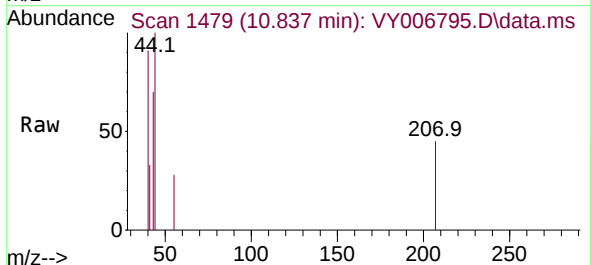
Instrument :
MSVOA_Y
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2D-2

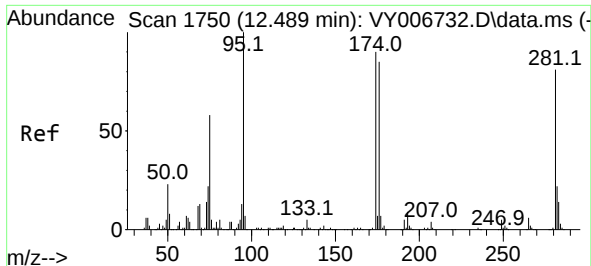
Tgt Ion: 98 Resp: 219422
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#59
2-Hexanone
Concen: 23.943 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

Tgt Ion: 43 Resp: 138
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

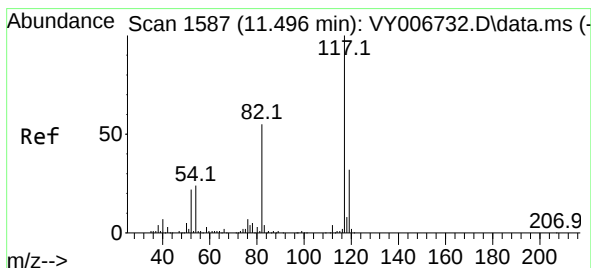
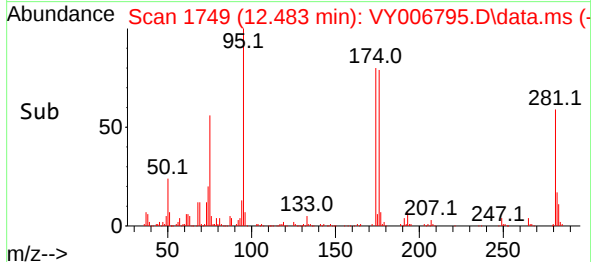
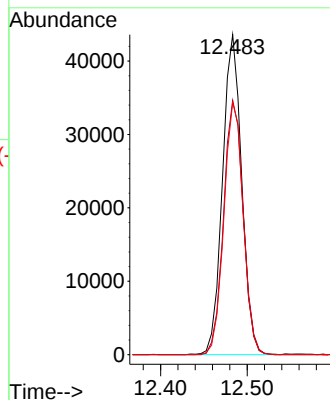
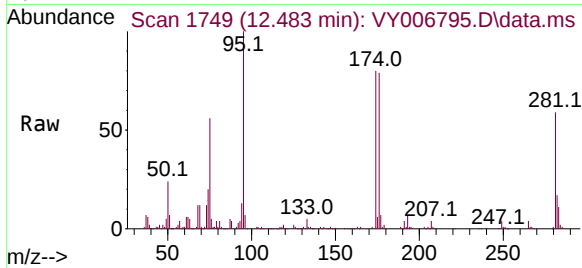




#62
4-Bromofluorobenzene
Concen: 41.968 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

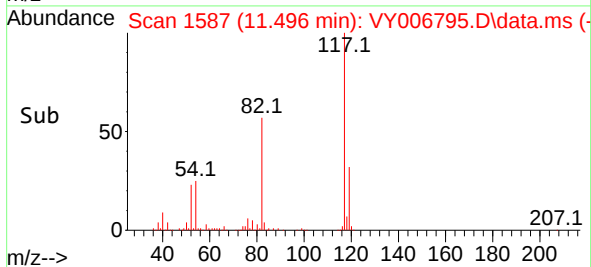
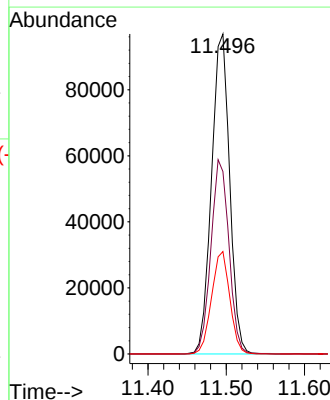
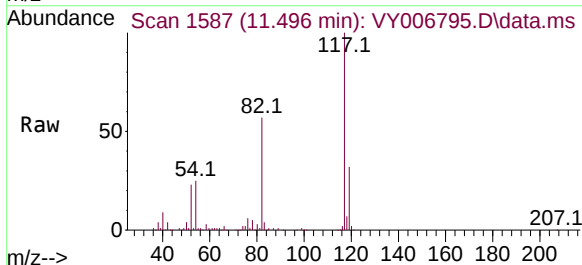
Instrument :
MSVOA_Y
ClientSampleId :
2D-2

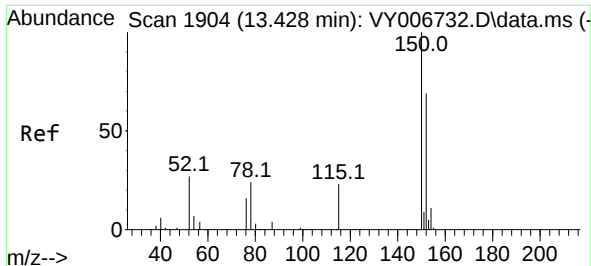
Tgt Ion: 95 Resp: 66919
Ion Ratio Lower Upper
95 100
174 81.5 0.0 177.0
176 79.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

Tgt Ion: 117 Resp: 155693
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 32.0 25.5 38.3

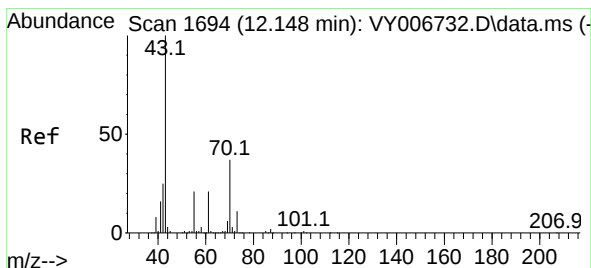
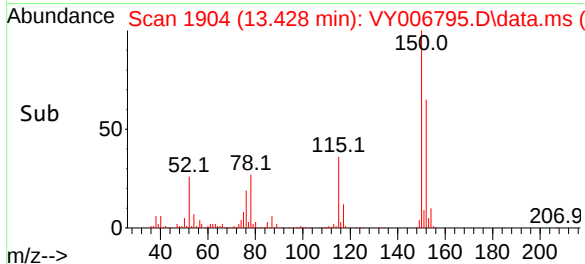
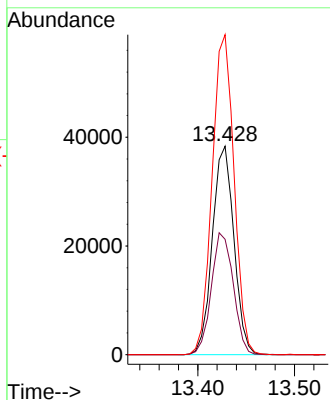
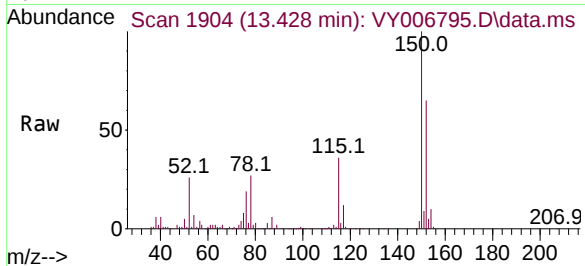




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

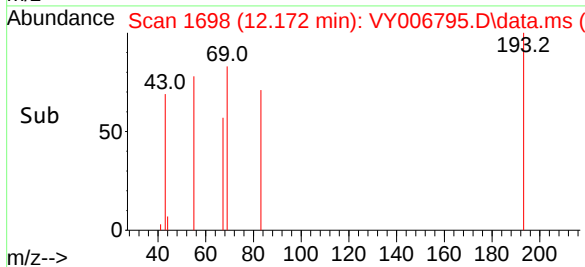
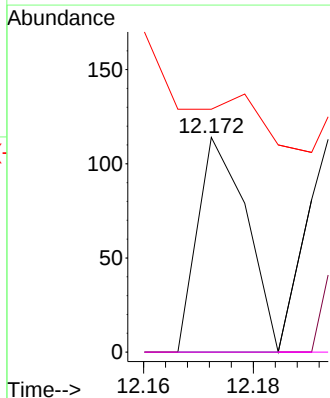
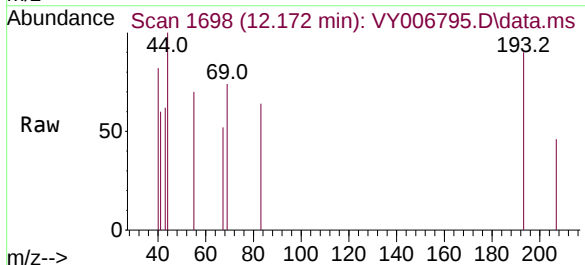
Instrument :
MSVOA_Y
ClientSampleId :
2D-2

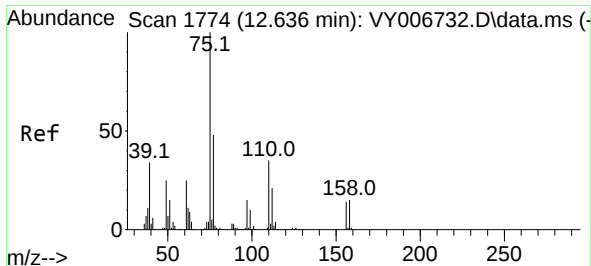
Tgt Ion:152 Resp: 59483
Ion Ratio Lower Upper
152 100
115 59.5 28.5 85.5
150 155.6 0.0 348.2



#74
N-ethyl acetate
Concen: 3.196 ug/l
RT: 12.172 min Scan# 1698
Delta R.T. 0.024 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

Tgt Ion: 43 Resp: 71
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#

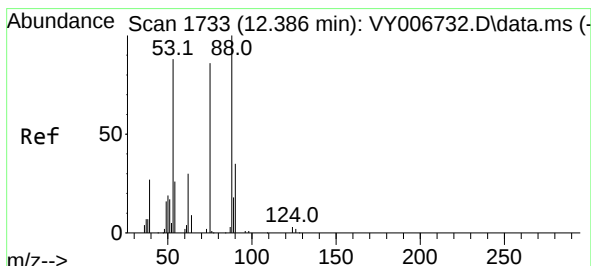
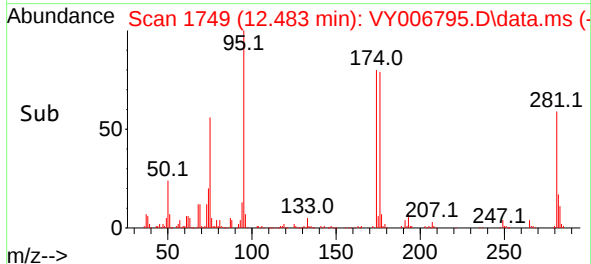
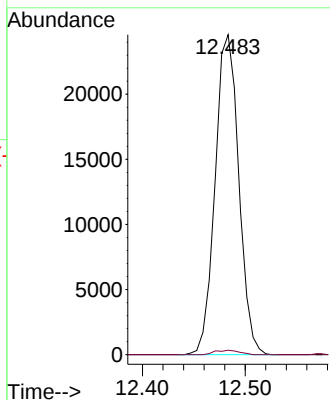
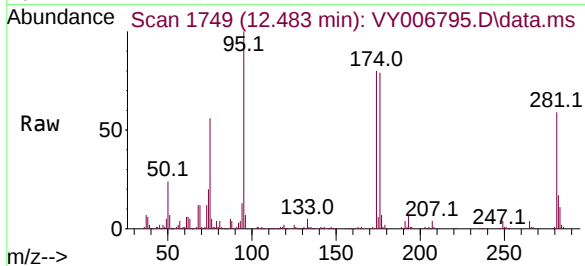




#76
1,2,3-Trichloropropane
Concen: 60.574 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

Instrument :
MSVOA_Y
ClientSampleId :
2D-2

Tgt Ion: 75 Resp: 39174
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.026 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006795.D
Acq: 17 Nov 2021 18:38

Tgt Ion: 75 Resp: 39174
Ion Ratio Lower Upper
75 100
53 0.4 85.8 128.6#
89 0.7 39.3 58.9#

