

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006772.D
 Acq On : 16 Nov 2021 19:22
 Operator : SY/MD
 Sample : M4685-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-111221

Quant Time: Nov 17 04:09:28 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)

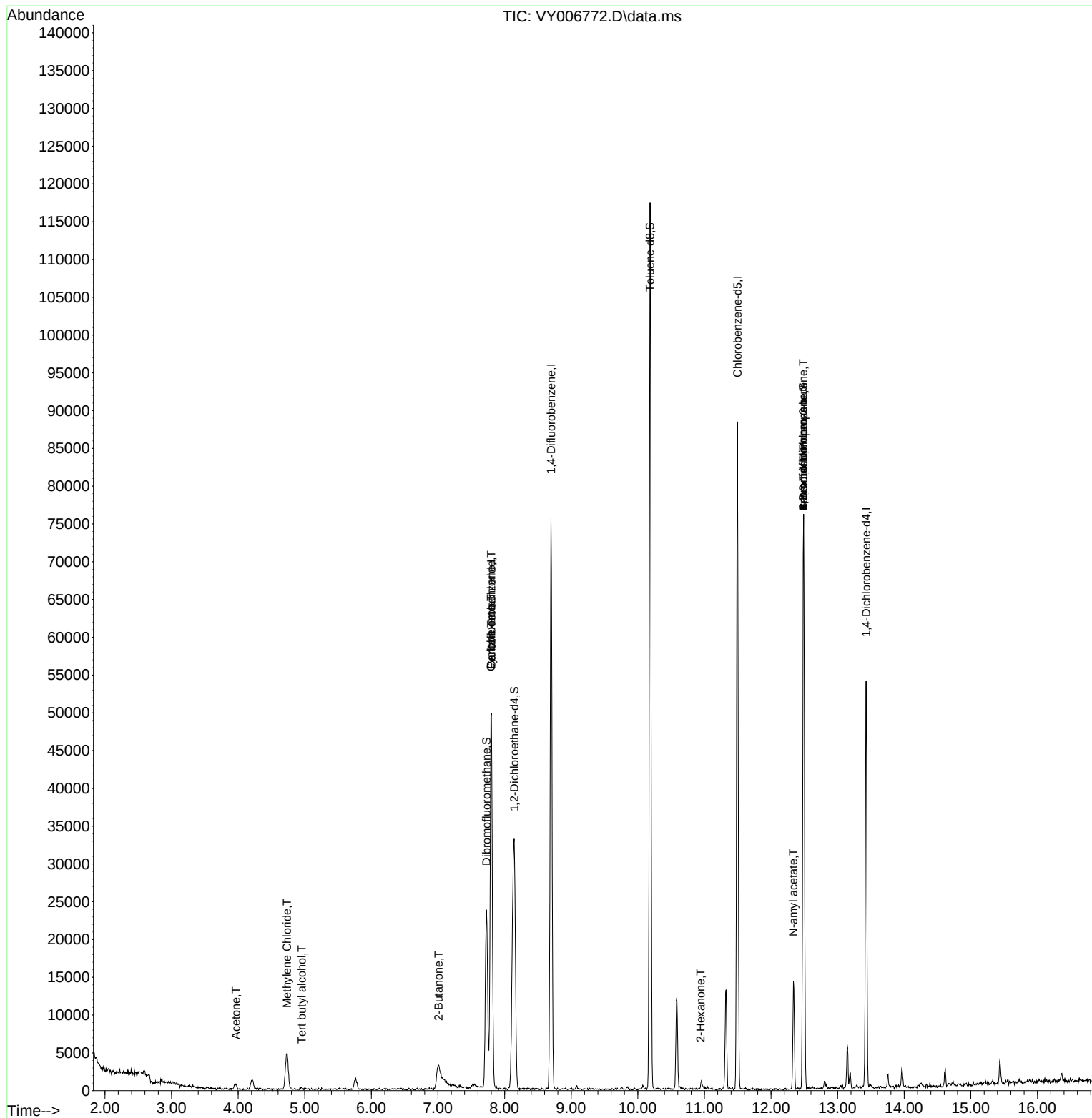
Internal Standards						
1) Pentafluorobenzene	7.801	168	38129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	58195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	44336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	17950	35.920	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	71.840%		
35) Dibromofluoromethane	7.728	113	16378	45.818	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.640%		
50) Toluene-d8	10.185	98	70865	47.908	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.820%		
62) 4-Bromofluorobenzene	12.483	95	14812	29.703	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	59.400%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	297	3.952	ug/l #	72
16) Acetone	3.966	43	1314	8.654	ug/l	93
20) Methylene Chloride	4.735	84	3472	4.548	ug/l #	84
25) 2-Butanone	7.008	43	271	12.671	ug/l #	52
31) Cyclohexane	7.795	56	1020	1.161	ug/l #	52
38) Carbon Tetrachloride	7.801	117	3866	5.975	ug/l #	17
59) 2-Hexanone	10.941	43	42	23.940	ug/l #	28
71) Bromoform	12.483	173	272	1.332	ug/l #	1
74) N-amyl acetate	12.337	43	268	3.846	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	8773	61.200	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8773	121.266	ug/l #	7

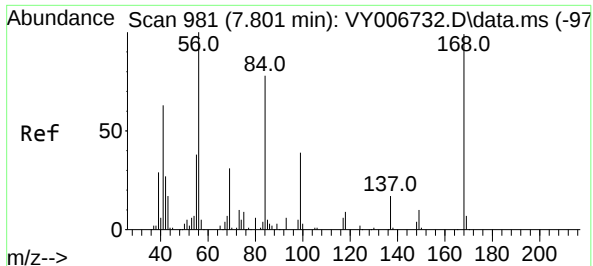
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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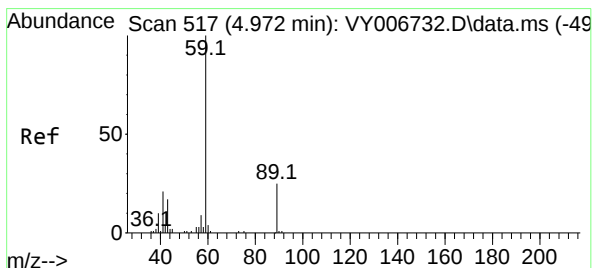
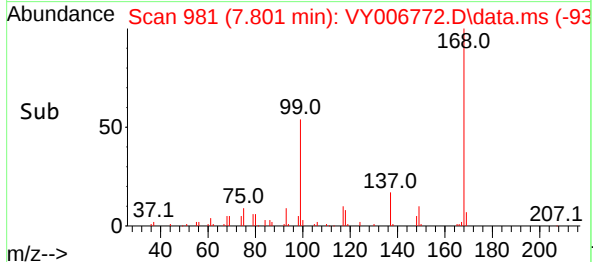
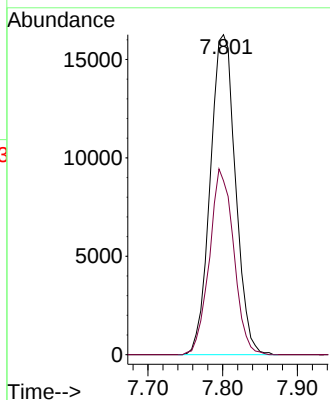
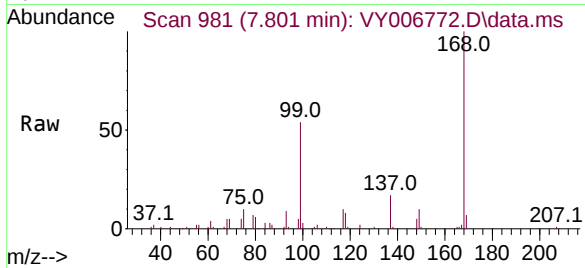




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

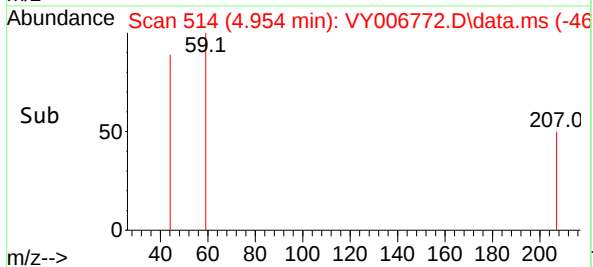
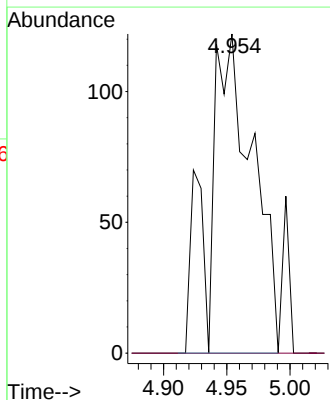
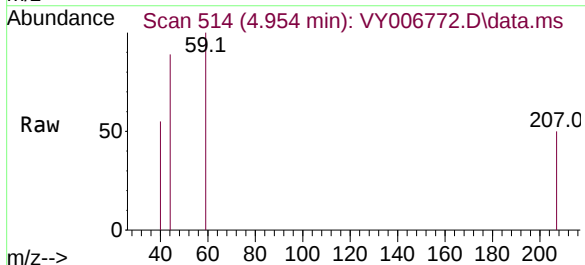
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111221

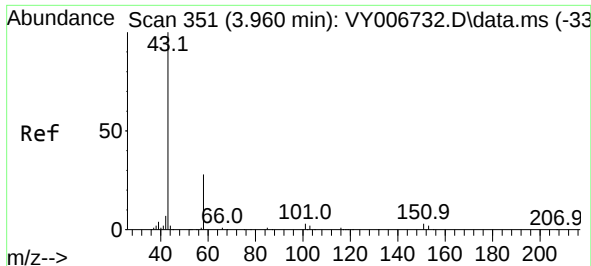
Tgt Ion:168 Resp: 38129
Ion Ratio Lower Upper
168 100
99 54.3 44.8 67.2



#11
Tert butyl alcohol
Concen: 3.952 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 8.654 ug/l

RT: 3.966 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY006772.D

Acq: 16 Nov 2021 19:22

Instrument :

MSVOA_Y

ClientSampleId :

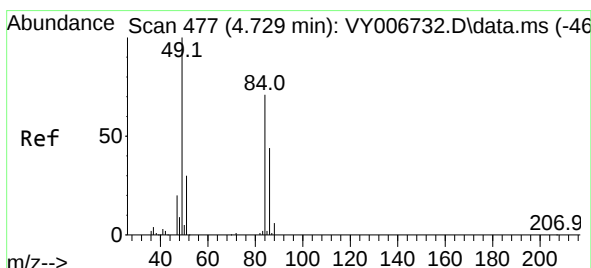
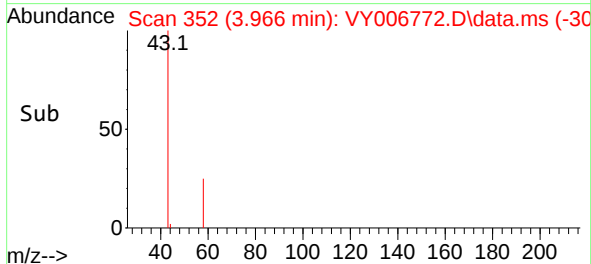
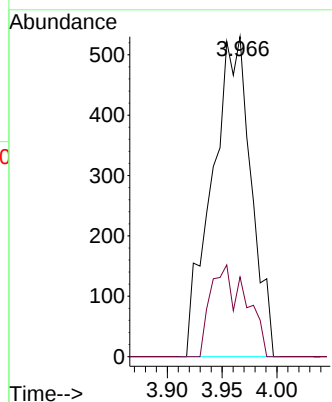
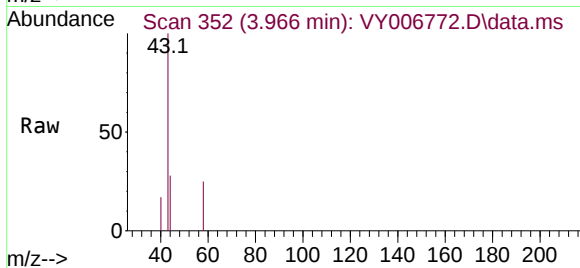
OK-01-111221

Tgt Ion: 43 Resp: 1314

Ion Ratio Lower Upper

43 100

58 24.9 22.9 34.3



#20

Methylene Chloride

Concen: 4.548 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY006772.D

Acq: 16 Nov 2021 19:22

Tgt Ion: 84 Resp: 3472

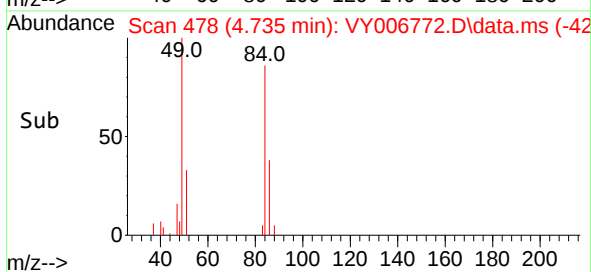
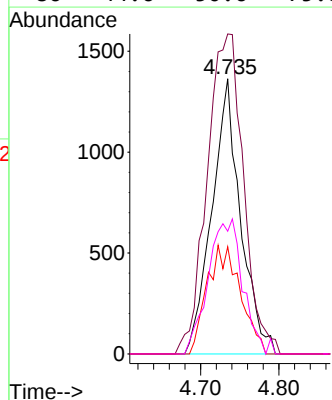
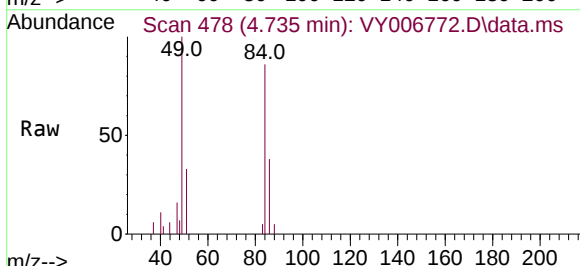
Ion Ratio Lower Upper

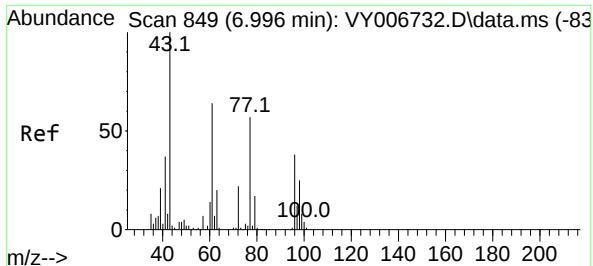
84 100

49 116.3 107.8 161.8

51 38.9 32.8 49.2

86 44.6 50.6 75.8#





#25

2-Butanone

Concen: 12.671 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY006772.D

Acq: 16 Nov 2021 19:22

Instrument :

MSVOA_Y

ClientSampleId :

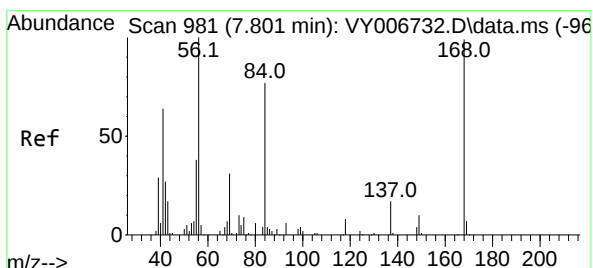
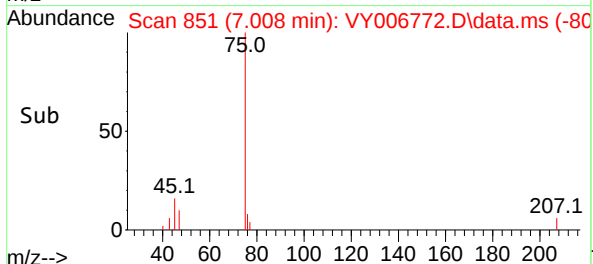
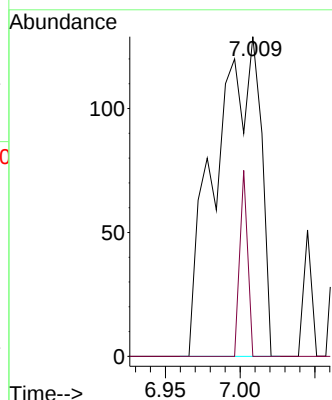
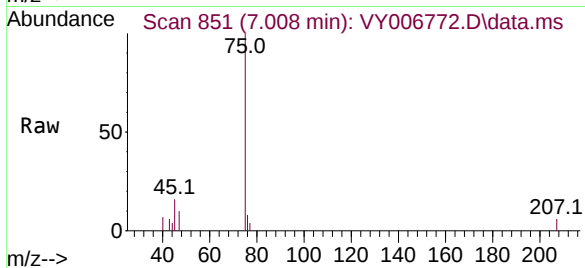
OK-01-111221

Tgt Ion: 43 Resp: 271

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.161 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006772.D

Acq: 16 Nov 2021 19:22

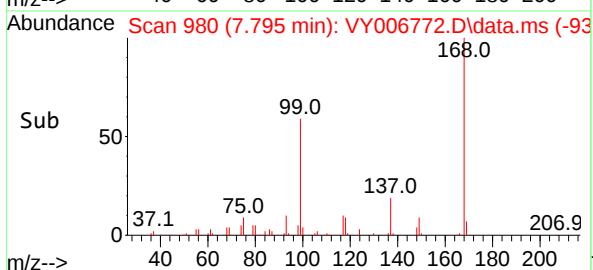
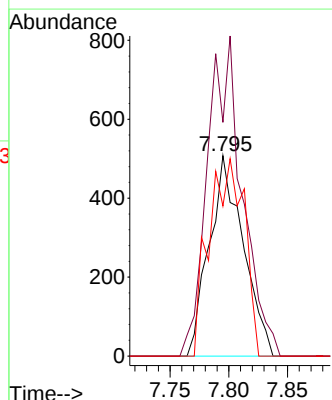
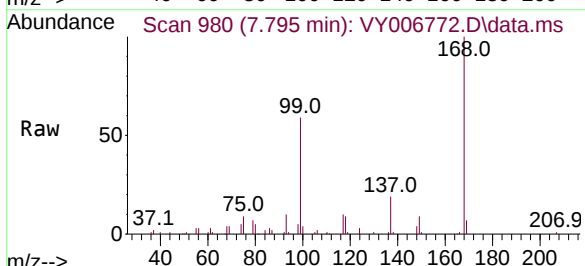
Tgt Ion: 56 Resp: 1020

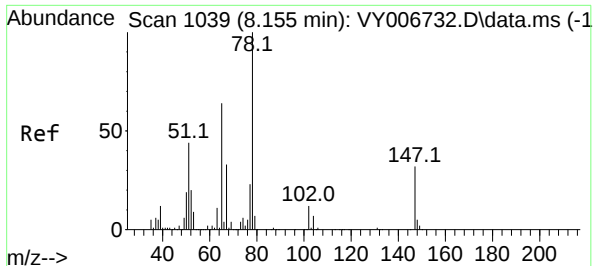
Ion Ratio Lower Upper

56 100

69 116.5 26.6 40.0#

84 74.8 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 35.920 ug/l

RT: 8.149 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006772.D

Acq: 16 Nov 2021 19:22

Instrument :

MSVOA_Y

ClientSampleId :

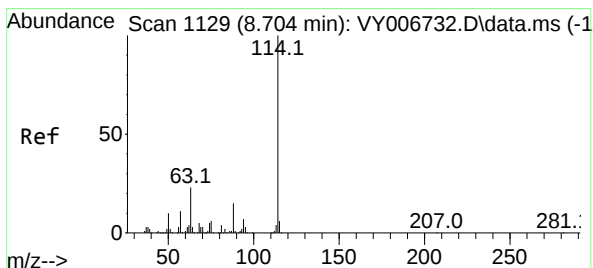
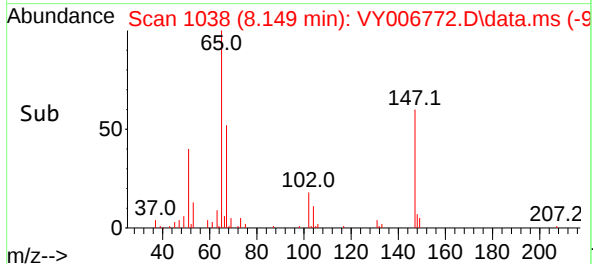
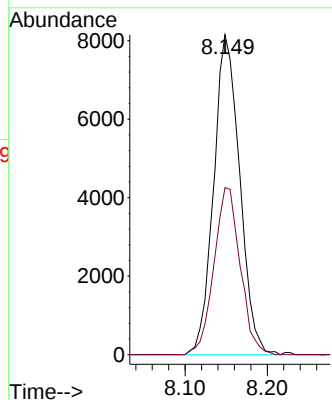
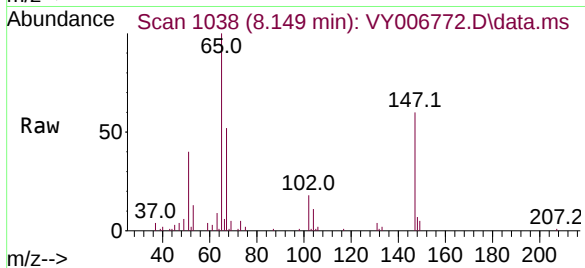
OK-01-111221

Tgt Ion: 65 Resp: 17950

Ion Ratio Lower Upper

65 100

67 52.7 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: VY006772.D

Acq: 16 Nov 2021 19:22

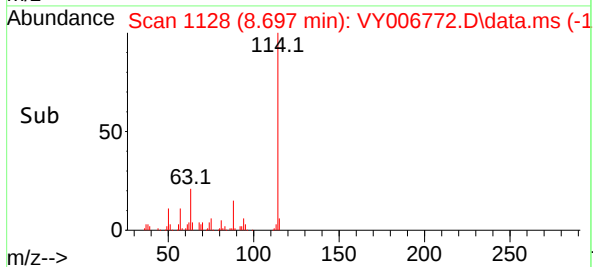
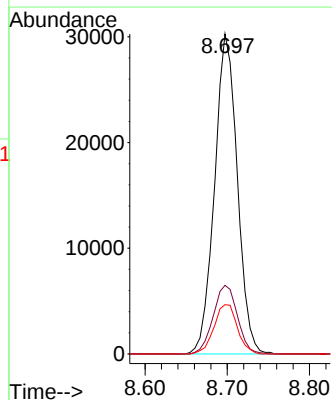
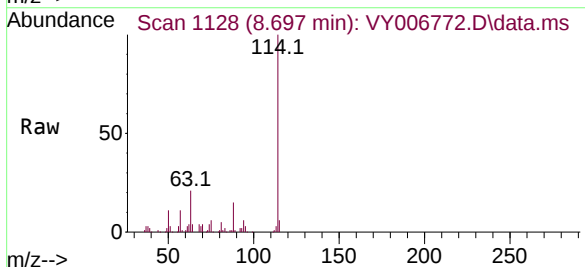
Tgt Ion: 114 Resp: 58195

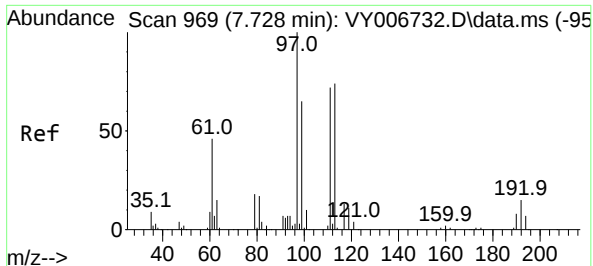
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 15.4 0.0 30.6

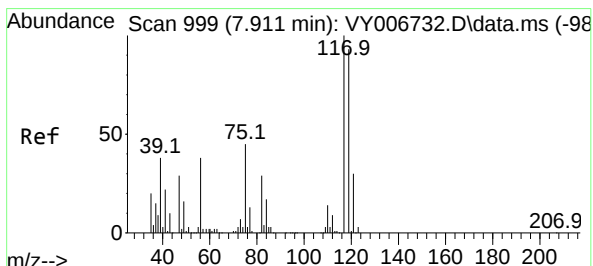
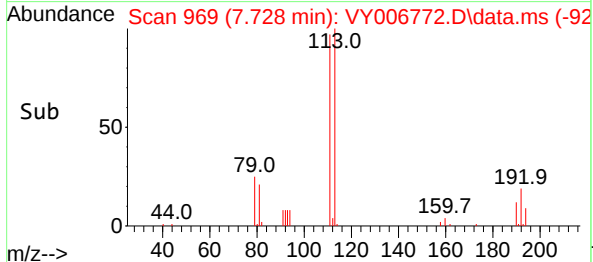
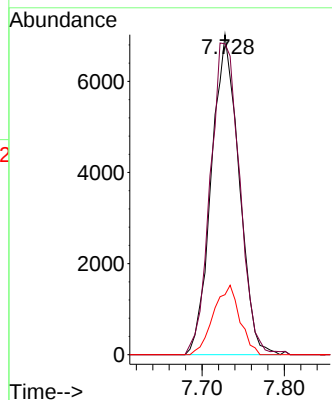
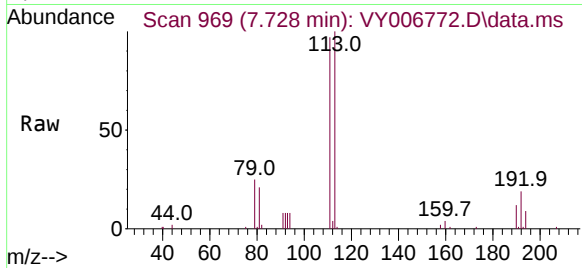




#35
Dibromofluoromethane
Concen: 45.818 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

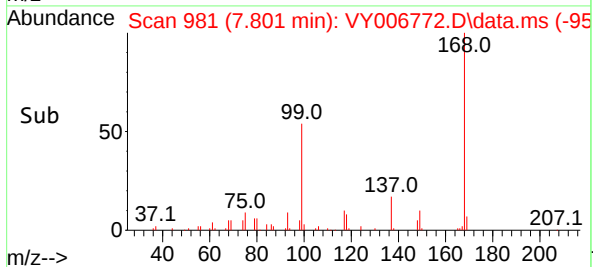
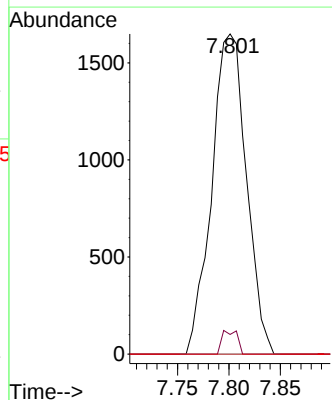
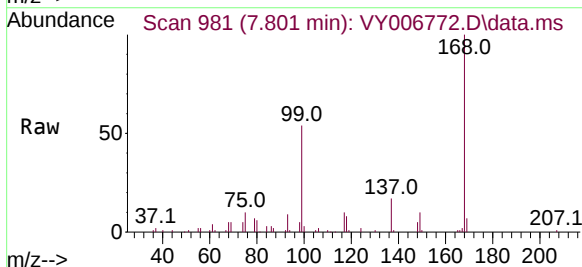
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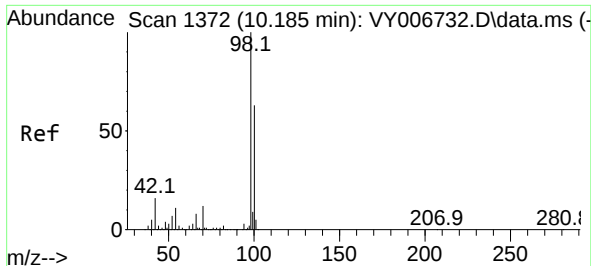
Tgt Ion:	113	Resp:	16378
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	20.7	17.4	26.2



#38
Carbon Tetrachloride
Concen: 5.975 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

Tgt Ion:	117	Resp:	3866
Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.6	115.0#
121	0.0	24.7	37.1#

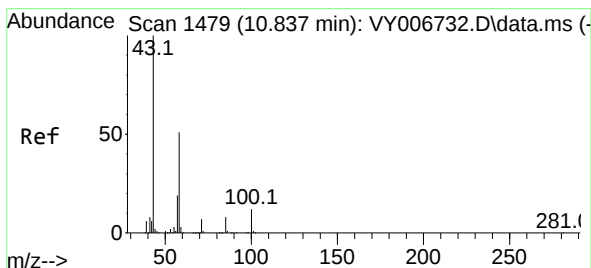
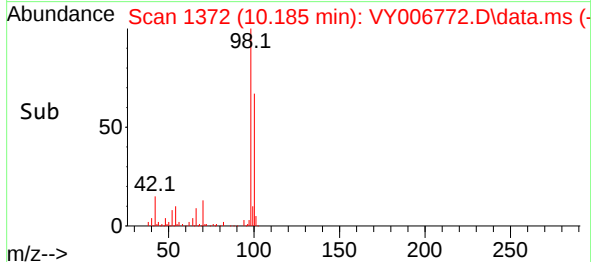
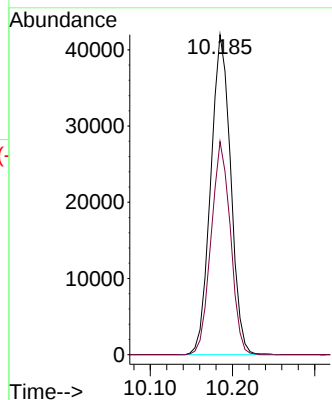
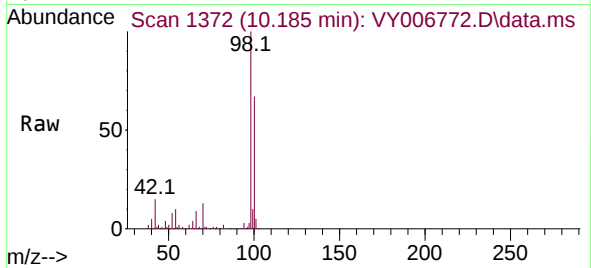




#50
Toluene-d8
Concen: 47.908 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

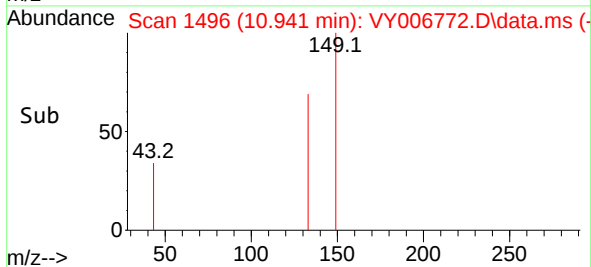
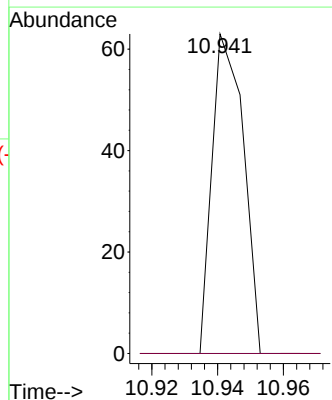
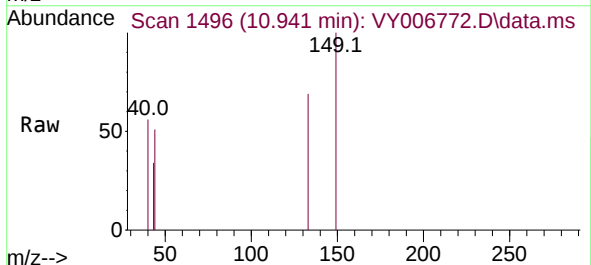
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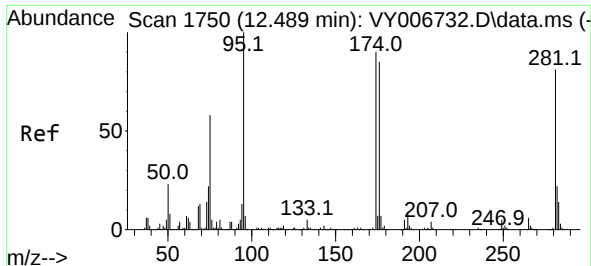
Tgt Ion: 98 Resp: 70865
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#59
2-Hexanone
Concen: 23.940 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.104 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

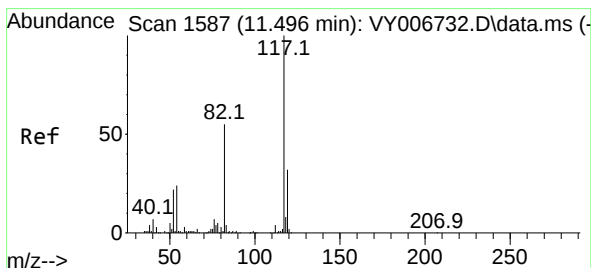
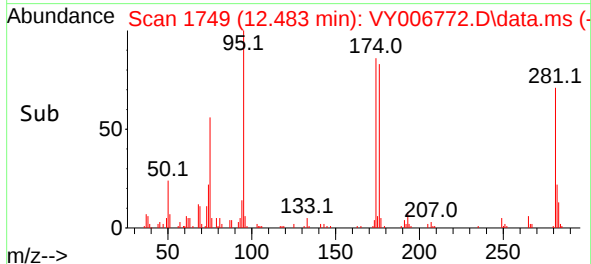
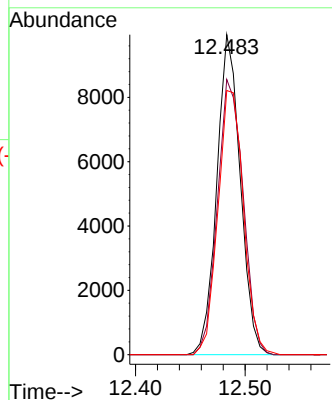
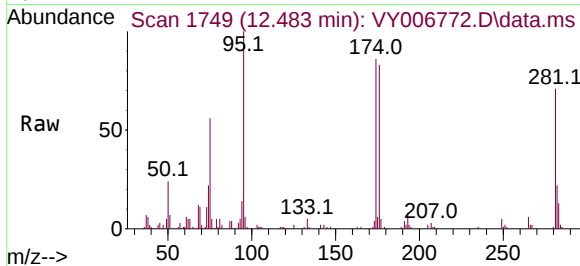




#62
4-Bromofluorobenzene
Concen: 29.703 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

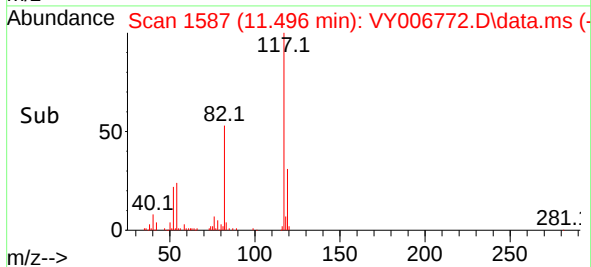
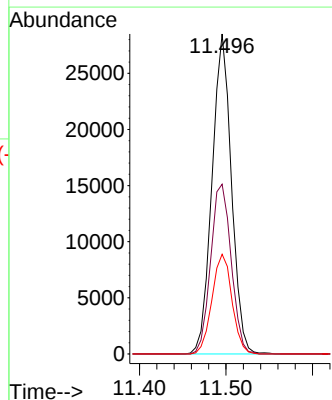
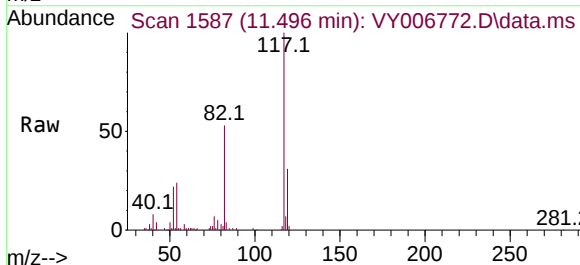
Instrument :
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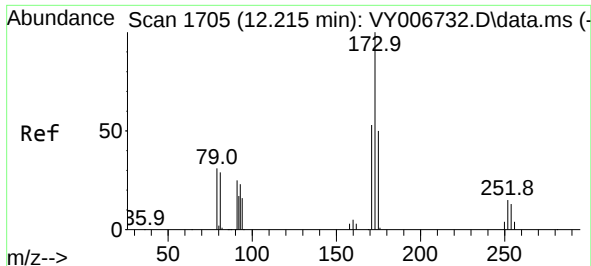
Tgt Ion: 95 Resp: 14812
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 89.9 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

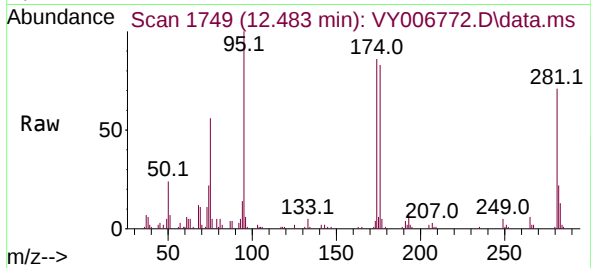
Tgt Ion: 117 Resp: 44336
Ion Ratio Lower Upper
117 100
82 53.0 45.7 68.5
119 31.2 25.5 38.3



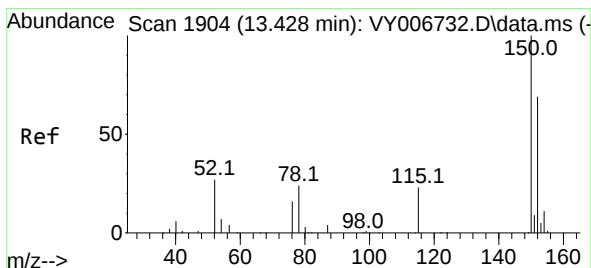
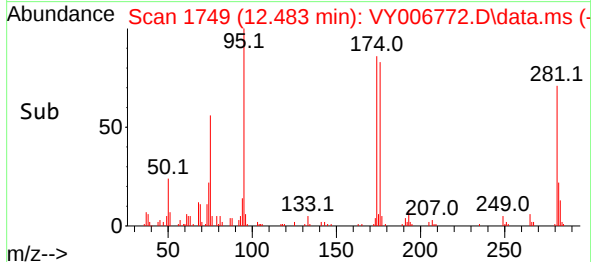
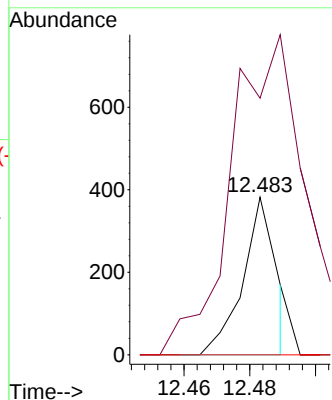


#71
Bromoform
Concen: 1.332 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.268 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111221

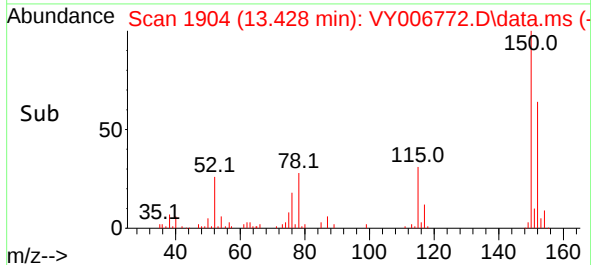
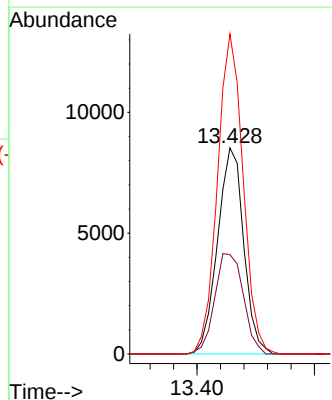
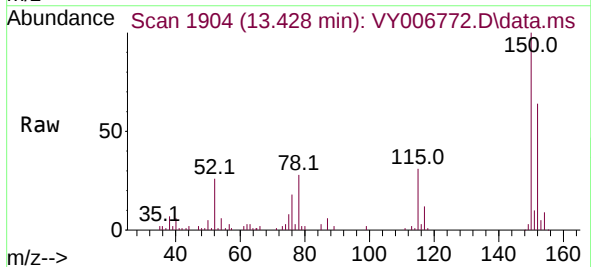


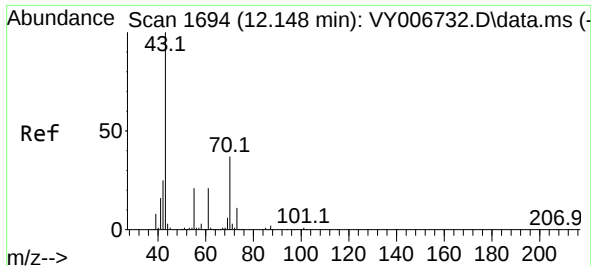
Tgt Ion:173 Resp: 272
Ion Ratio Lower Upper
173 100
175 227.6 24.8 74.3#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

Tgt Ion:152 Resp: 13185
Ion Ratio Lower Upper
152 100
115 53.3 28.5 85.5
150 151.9 0.0 348.2

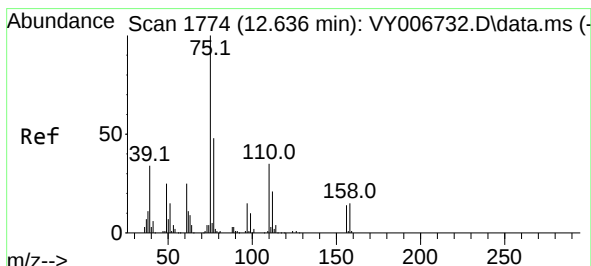
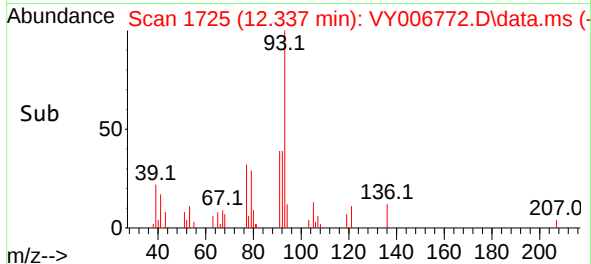
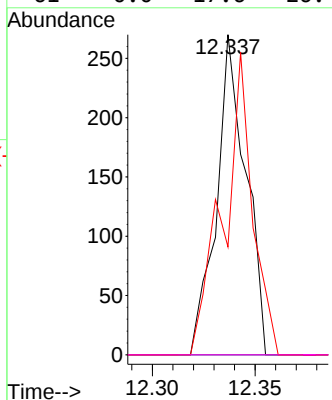
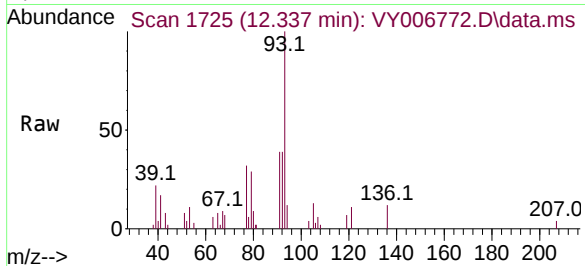




#74
N-amy1 acetate
Concen: 3.846 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.189 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

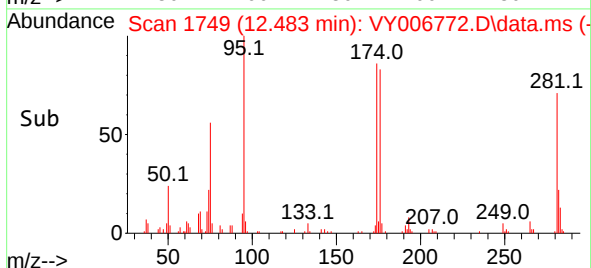
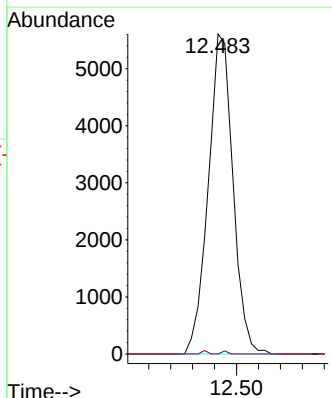
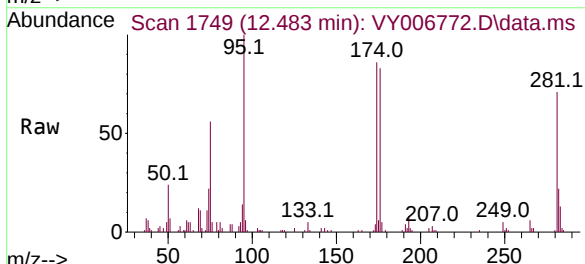
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111221

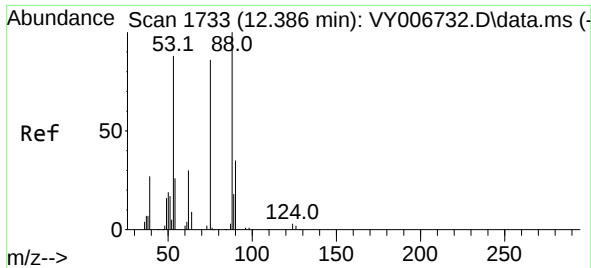
Tgt Ion: 43	Resp:	268
Ion	Ratio	Lower Upper
43	100	
70	0.0	29.4 44.0#
55	94.0	18.1 27.1#
61	0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 61.200 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006772.D
Acq: 16 Nov 2021 19:22

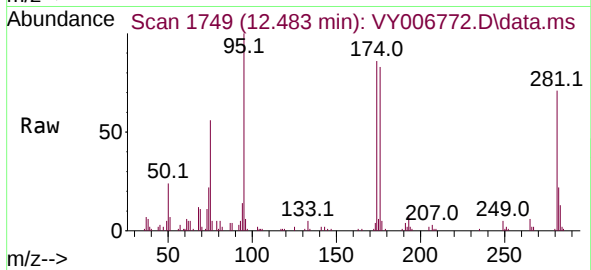
Tgt Ion: 75	Resp:	8773
Ion	Ratio	Lower Upper
75	100	
77	0.0	0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.266 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006772.D
 Acq: 16 Nov 2021 19:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-111221



Tgt Ion: 75 Resp: 8773
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.0 39.3 58.9#

