

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006609.D
 Acq On : 03 Nov 2021 18:17
 Operator : SY/MD
 Sample : M4472-04
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-KS

Quant Time: Nov 03 21:23:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

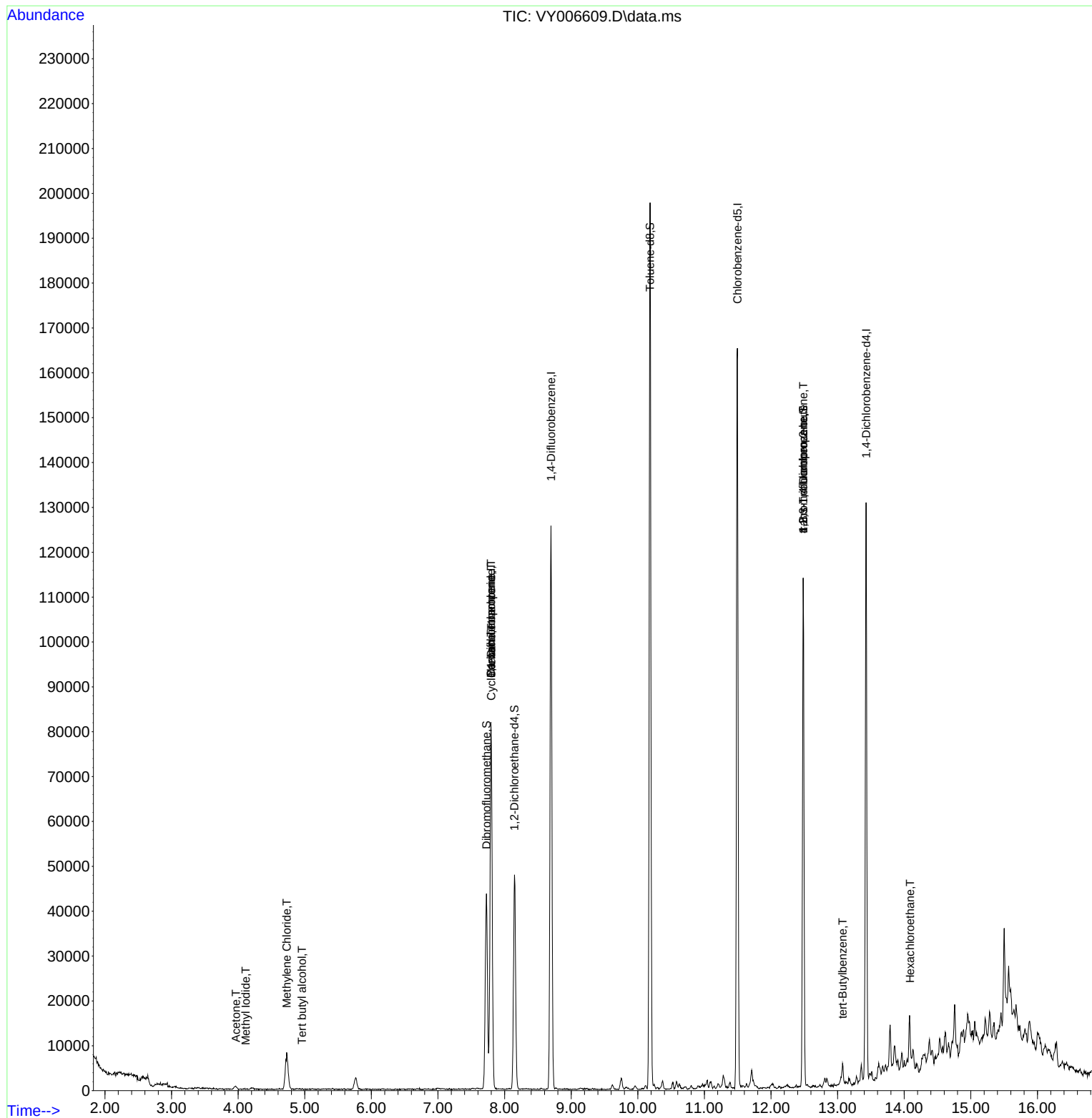
Internal Standards						
1) Pentafluorobenzene	7.795	168	60519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	96690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	82954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37634	50.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.060%	
35) Dibromofluoromethane	7.728	113	29759	55.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.440%	
50) Toluene-d8	10.185	98	122804	53.754	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.500%	
62) 4-Bromofluorobenzene	12.483	95	33429	43.438	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.880%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	43	5.125	ug/l #	36
11) Tert butyl alcohol	4.960	59	84	1.242	ug/l #	72
16) Acetone	3.966	43	1393	6.496	ug/l #	77
20) Methylene Chloride	4.728	84	5299	4.276	ug/l	94
31) Cyclohexane	7.801	56	1513	1.255	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	5405	5.657	ug/l #	49
38) Carbon Tetrachloride	7.795	117	6066	5.756	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	18356	60.827	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18356	124.875	ug/l #	7
83) tert-Butylbenzene	13.074	119	1855	1.258	ug/l	98
90) Hexachloroethane	14.086	117	389	1.141	ug/l #	6

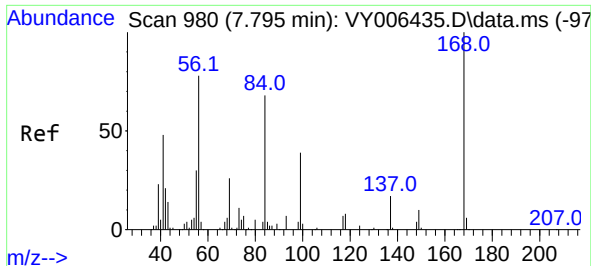
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
Data File : VY006609.D
Acq On : 03 Nov 2021 18:17
Operator : SY/MD
Sample : M4472-04
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KS

Quant Time: Nov 03 21:23:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration

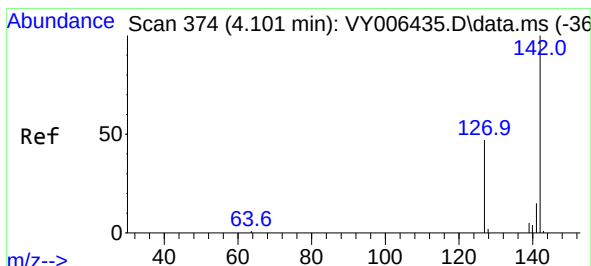
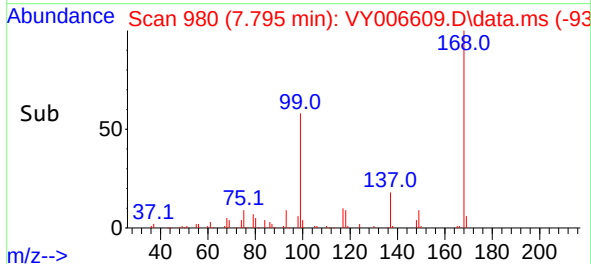
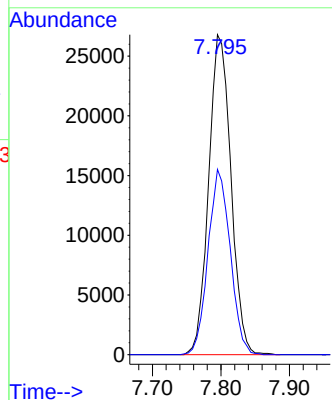
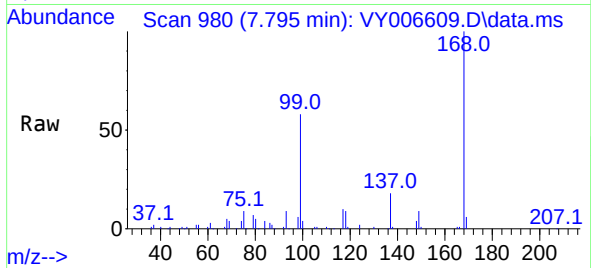




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

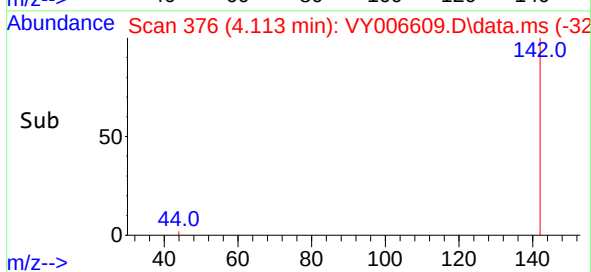
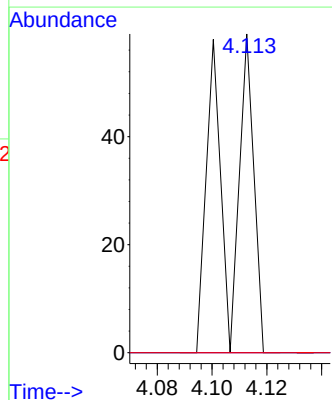
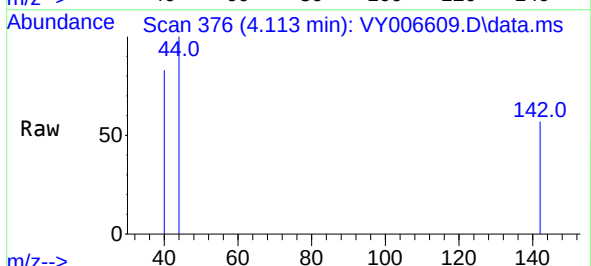
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KS

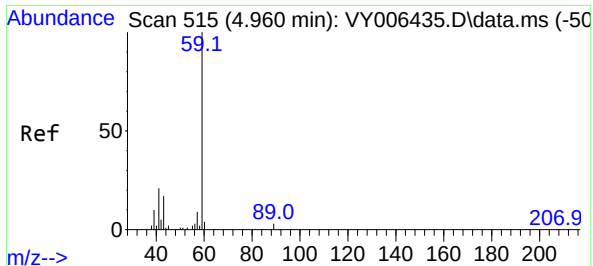
Tgt Ion:168 Resp: 60519
Ion Ratio Lower Upper
168 100
99 57.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.125 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

Tgt Ion:142 Resp: 43
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 1.242 ug/l

RT: 4.960 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY006609.D

Acq: 03 Nov 2021 18:17

Instrument :

MSVOA_Y

ClientSampleId :

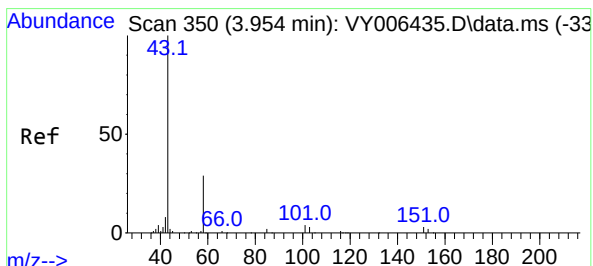
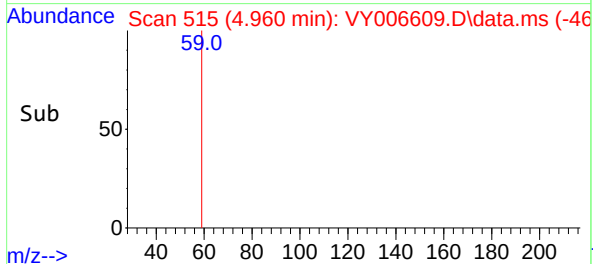
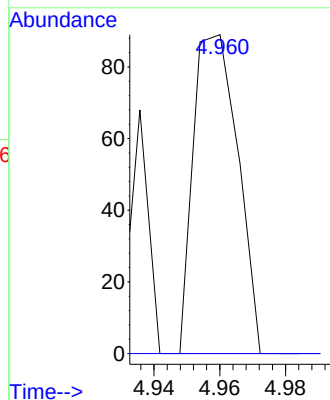
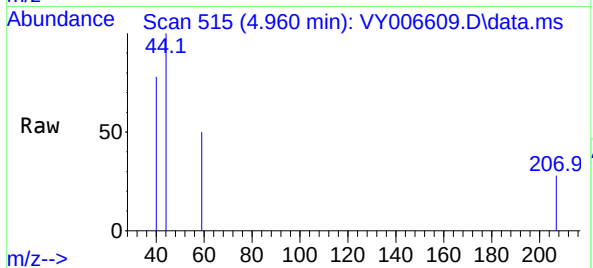
WC-2-KS

Tgt Ion: 59 Resp: 84

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 6.496 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.012 min

Lab File: VY006609.D

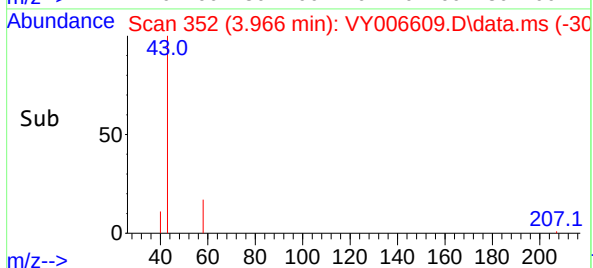
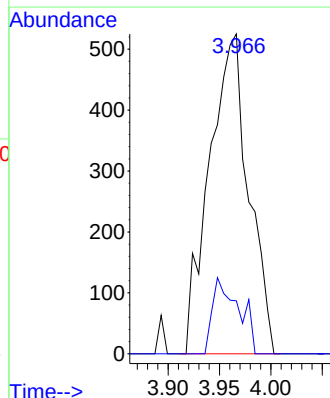
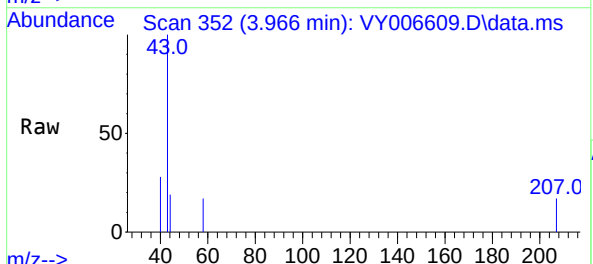
Acq: 03 Nov 2021 18:17

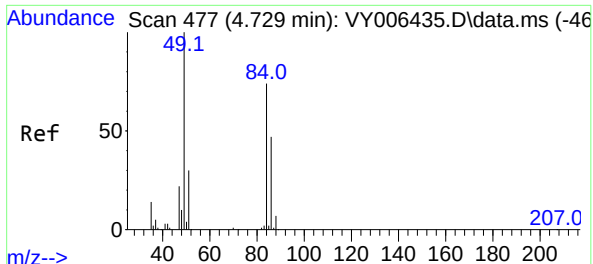
Tgt Ion: 43 Resp: 1393

Ion Ratio Lower Upper

43 100

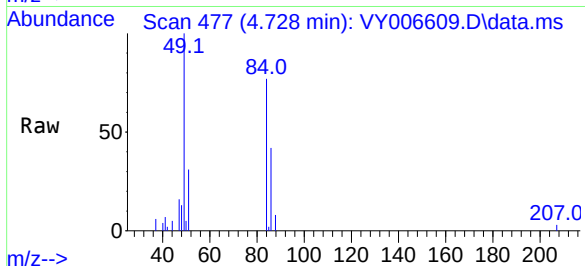
58 16.6 22.9 34.3#





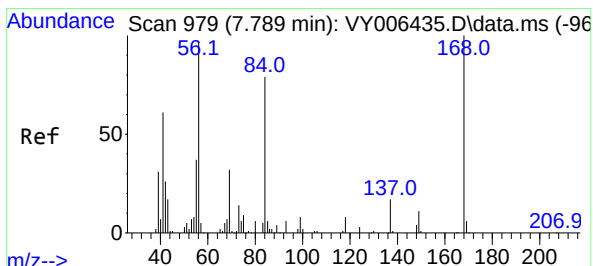
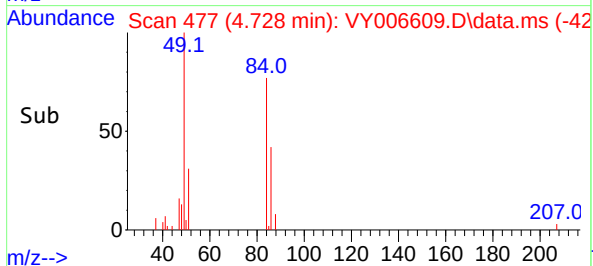
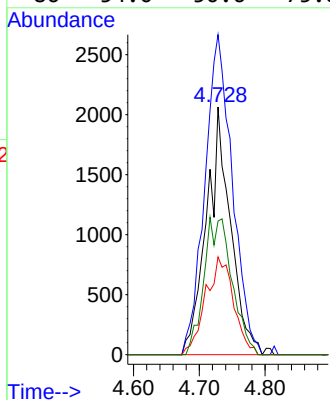
#20
Methylene Chloride
Concen: 4.276 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KS



Tgt Ion: 84 Resp: 5299

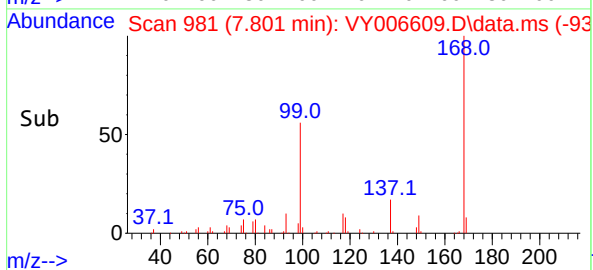
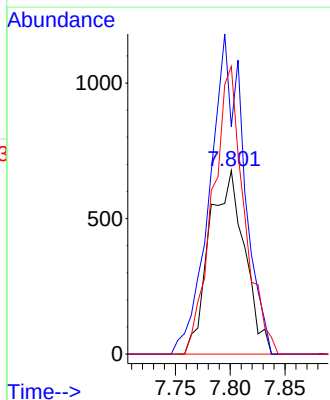
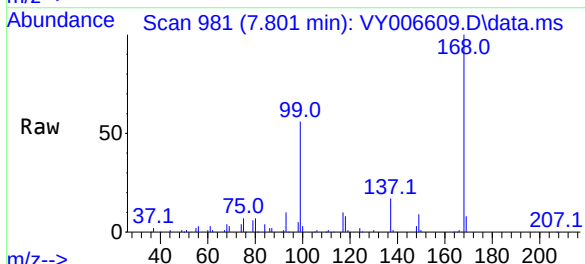
Ion	Ratio	Lower	Upper
84	100		
49	129.2	107.8	161.8
51	39.5	32.8	49.2
86	54.0	50.6	75.8

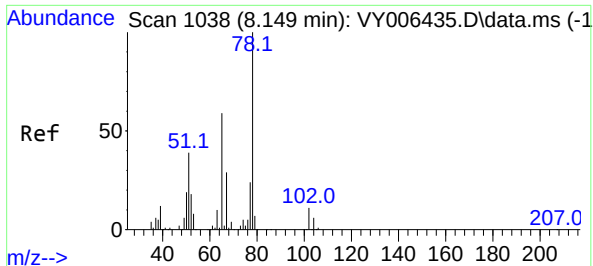


#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

Tgt Ion: 56 Resp: 1513

Ion	Ratio	Lower	Upper
56	100		
69	123.9	26.6	40.0#
84	156.7	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 50.534 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006609.D

Acq: 03 Nov 2021 18:17

Instrument :

MSVOA_Y

ClientSampleId :

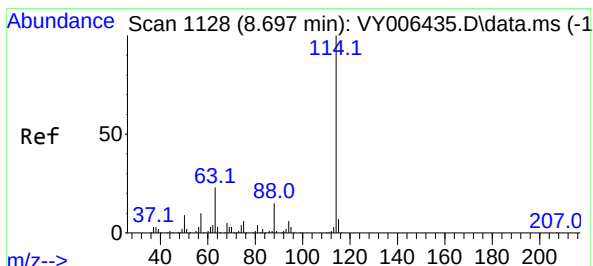
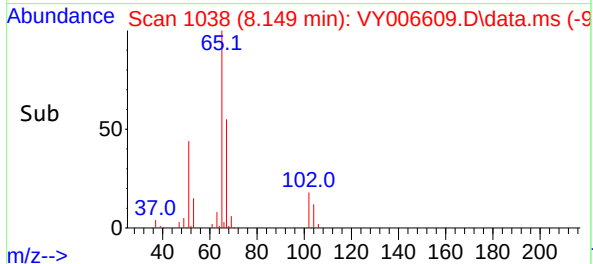
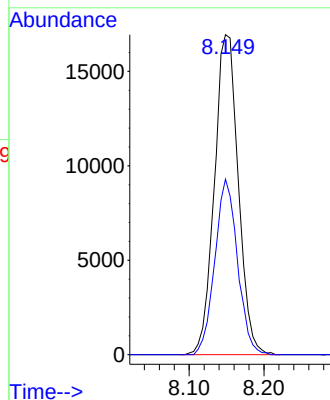
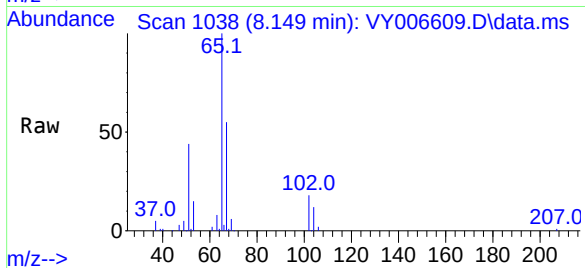
WC-2-KS

Tgt Ion: 65 Resp: 37634

Ion Ratio Lower Upper

65 100

67 52.0 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006609.D

Acq: 03 Nov 2021 18:17

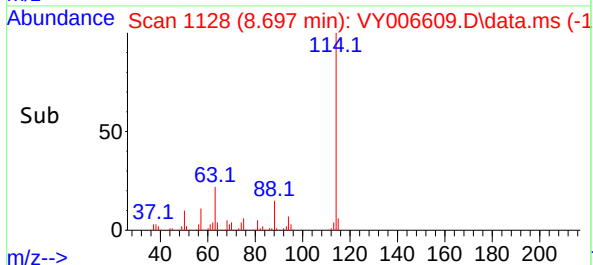
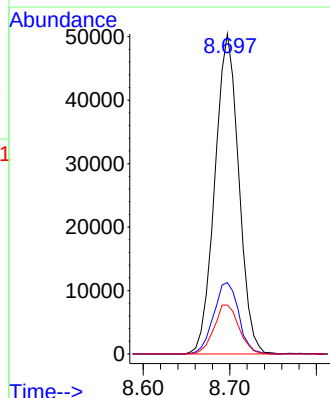
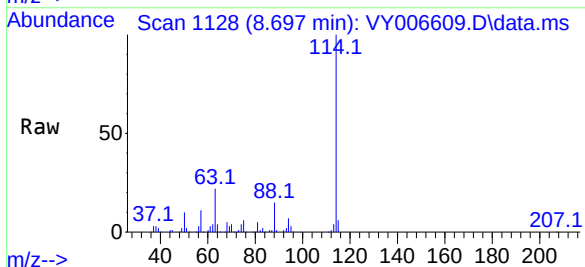
Tgt Ion: 114 Resp: 96690

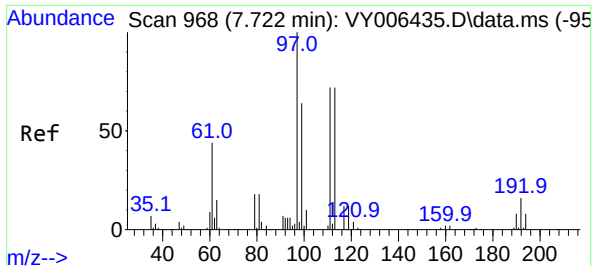
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.219 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY006609.D

Acq: 03 Nov 2021 18:17

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-KS

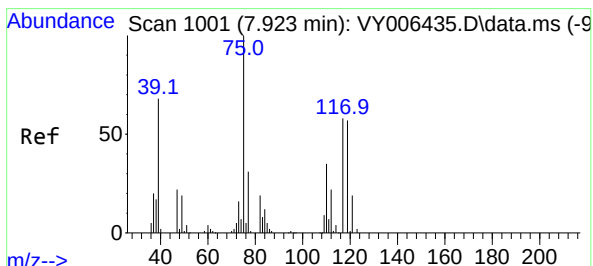
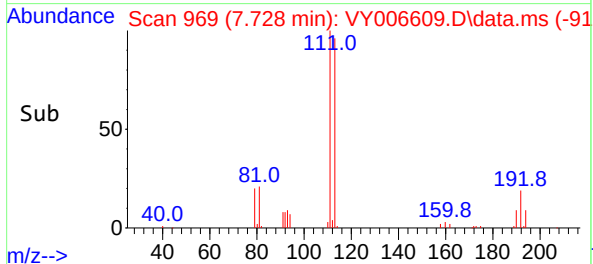
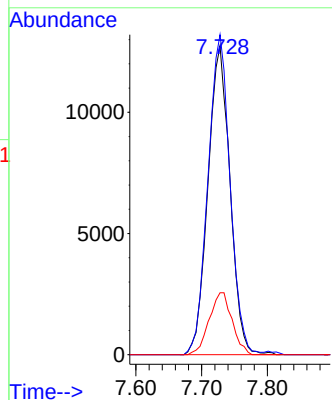
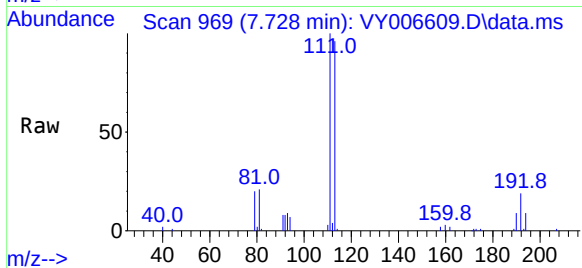
Tgt Ion:113 Resp: 29759

Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 20.9 17.4 26.2



#36

1,1-Dichloropropene

Concen: 5.657 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006609.D

Acq: 03 Nov 2021 18:17

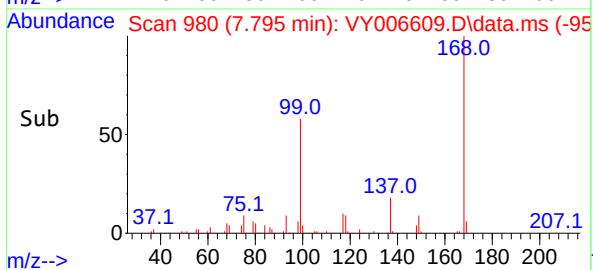
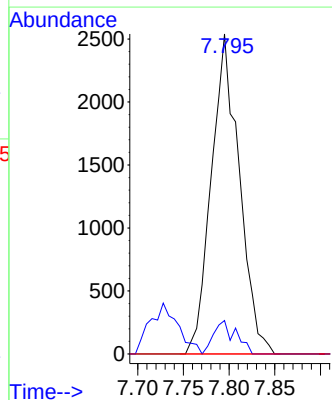
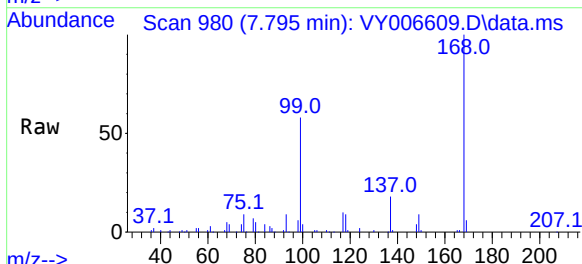
Tgt Ion: 75 Resp: 5405

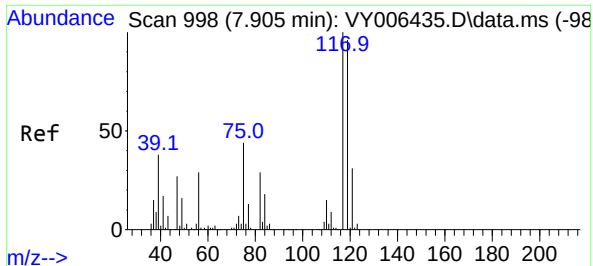
Ion Ratio Lower Upper

75 100

110 8.2 17.1 51.3#

77 0.0 24.9 37.3#

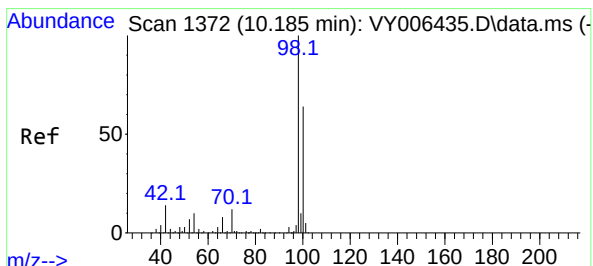
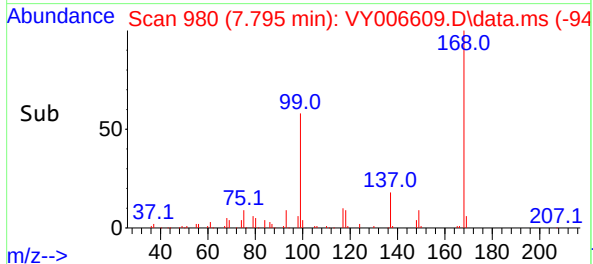
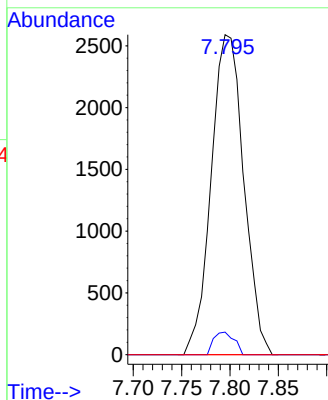
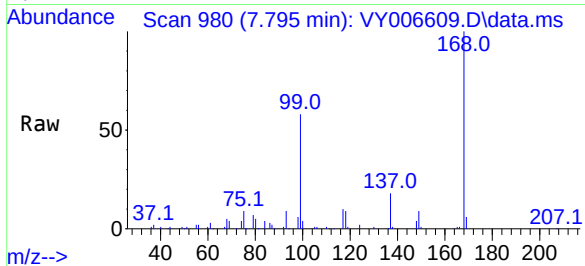




#38
Carbon Tetrachloride
Concen: 5.756 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

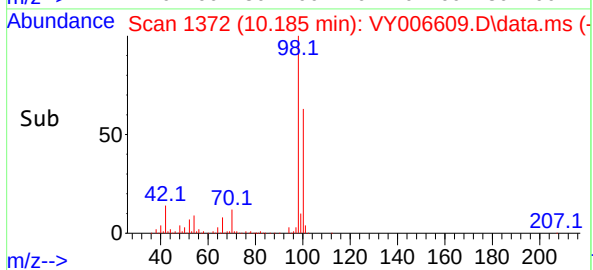
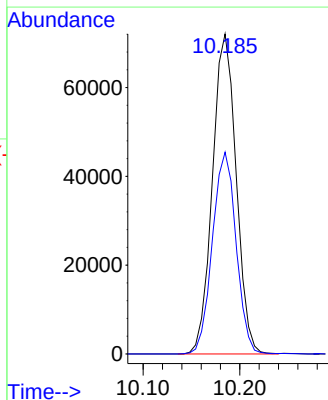
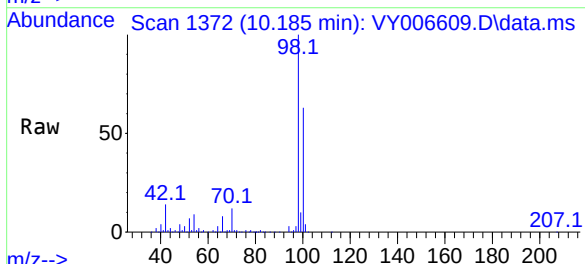
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KS

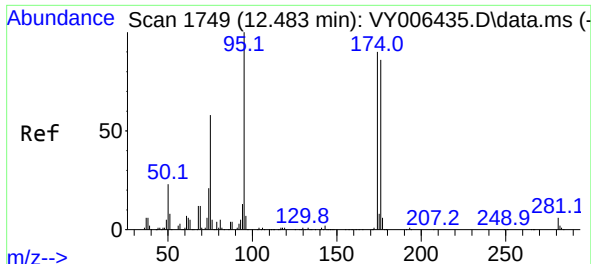
Tgt Ion:117 Resp: 6066
Ion Ratio Lower Upper
117 100
119 7.1 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.754 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

Tgt Ion: 98 Resp: 122804
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

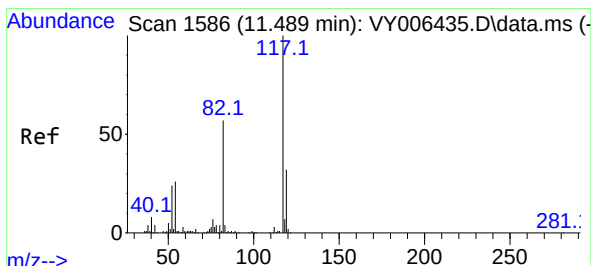
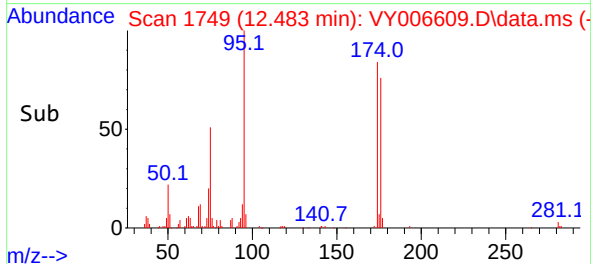
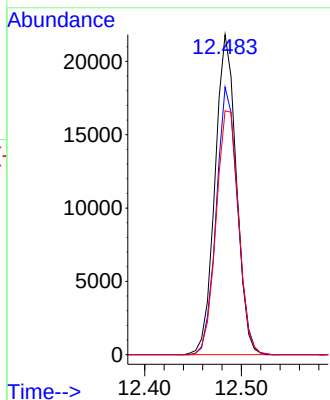
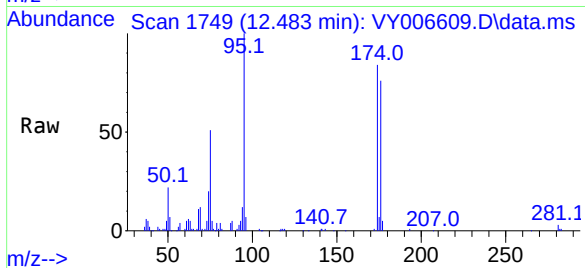




#62
4-Bromofluorobenzene
Concen: 43.438 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

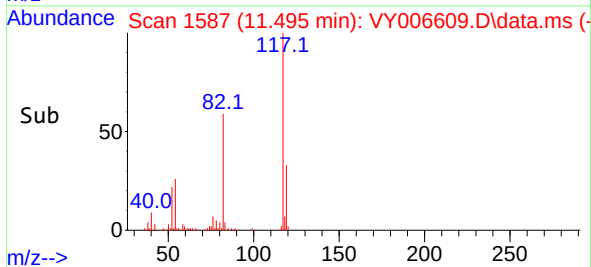
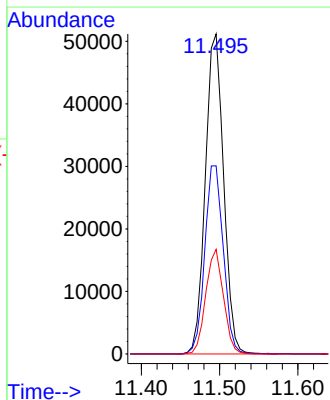
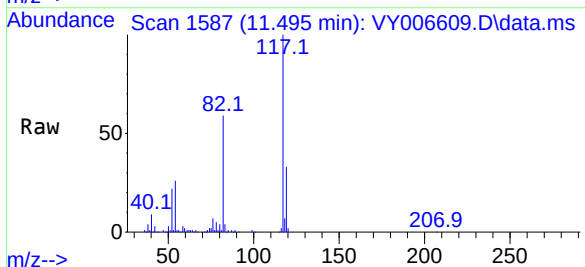
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KS

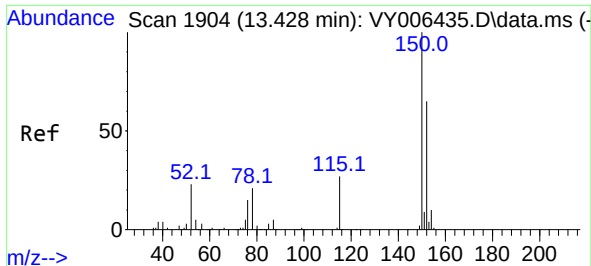
Tgt Ion: 95 Resp: 33429
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

Tgt Ion: 117 Resp: 82954
Ion Ratio Lower Upper
117 100
82 58.8 45.7 68.5
119 32.7 25.5 38.3

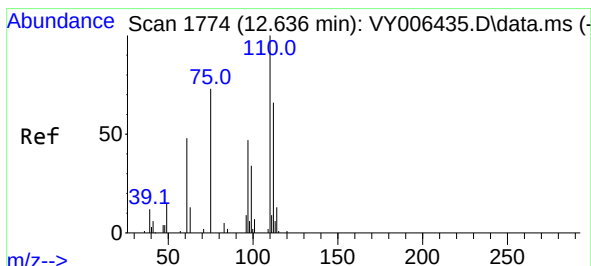
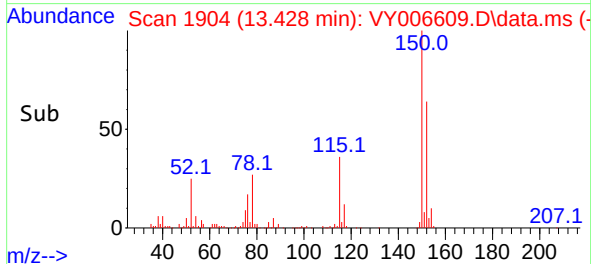
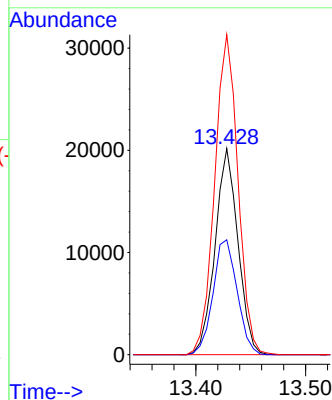
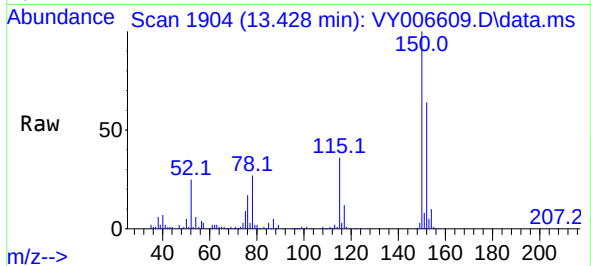




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

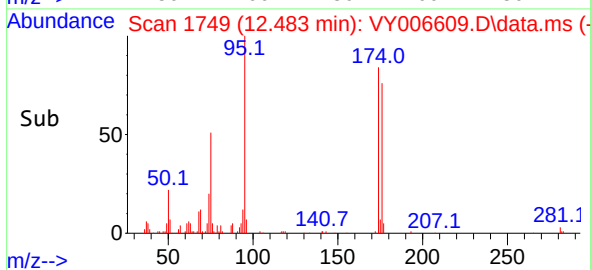
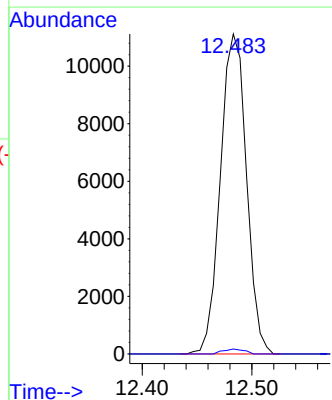
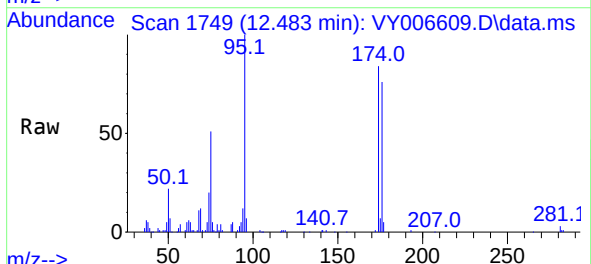
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KS

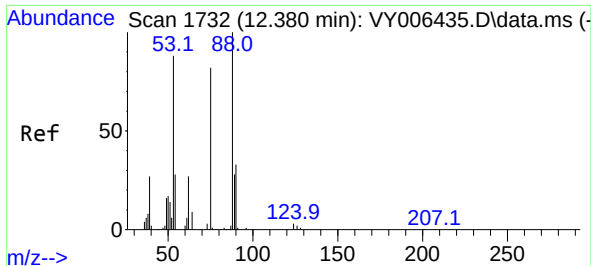
Tgt Ion:152 Resp: 29285
Ion Ratio Lower Upper
152 100
115 58.9 28.5 85.5
150 158.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 60.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

Tgt Ion: 75 Resp: 18356
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

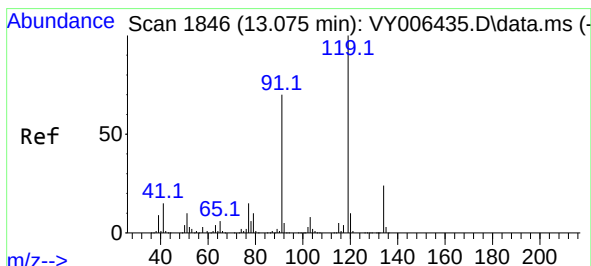
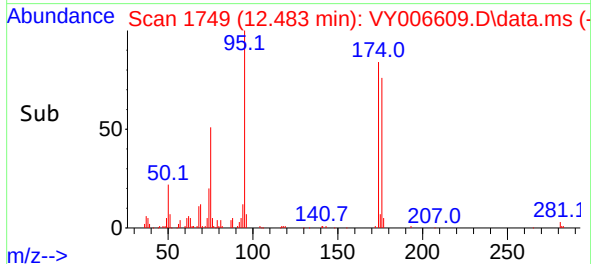
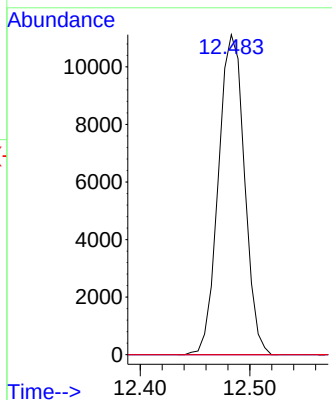
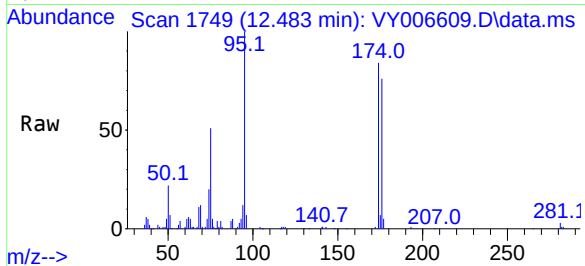




#81
trans-1,4-Dichloro-2-butene
Concen: 124.875 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

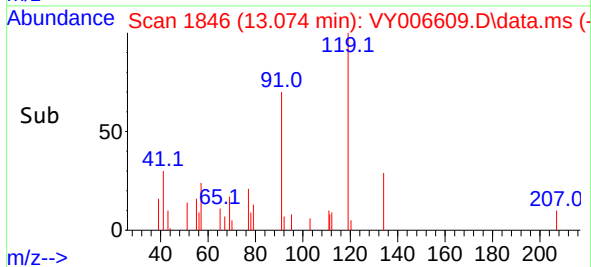
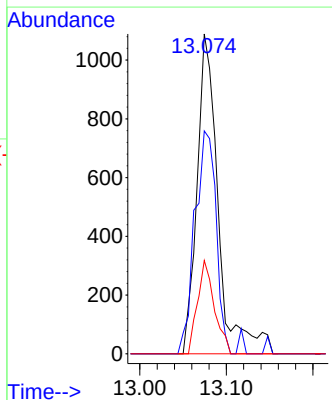
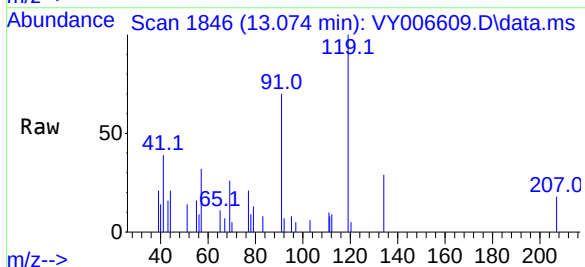
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KS

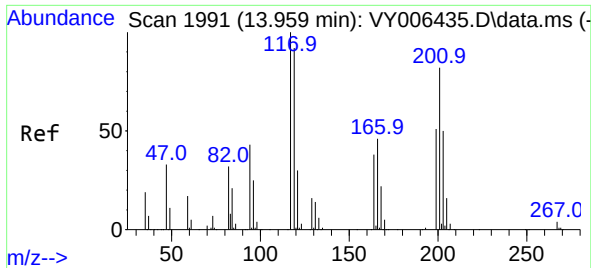
Tgt Ion: 75 Resp: 18356
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#83
tert-Butylbenzene
Concen: 1.258 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

Tgt Ion: 119 Resp: 1855
Ion Ratio Lower Upper
119 100
91 69.4 34.8 104.5
134 23.2 13.0 38.9





#90
Hexachloroethane
Concen: 1.141 ug/l
RT: 14.086 min Scan# 20
Delta R.T. 0.128 min
Lab File: VY006609.D
Acq: 03 Nov 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KS

Tgt Ion:117 Resp: 389
Ion Ratio Lower Upper
117 100
201 0.0 43.4 130.1#

