

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006980.D
 Acq On : 07 Dec 2021 00:16
 Operator : SY/MD
 Sample : M4884-02
 Misc : 3.17g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 04:14:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 04:00:28 2021
 Response via : Initial Calibration

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

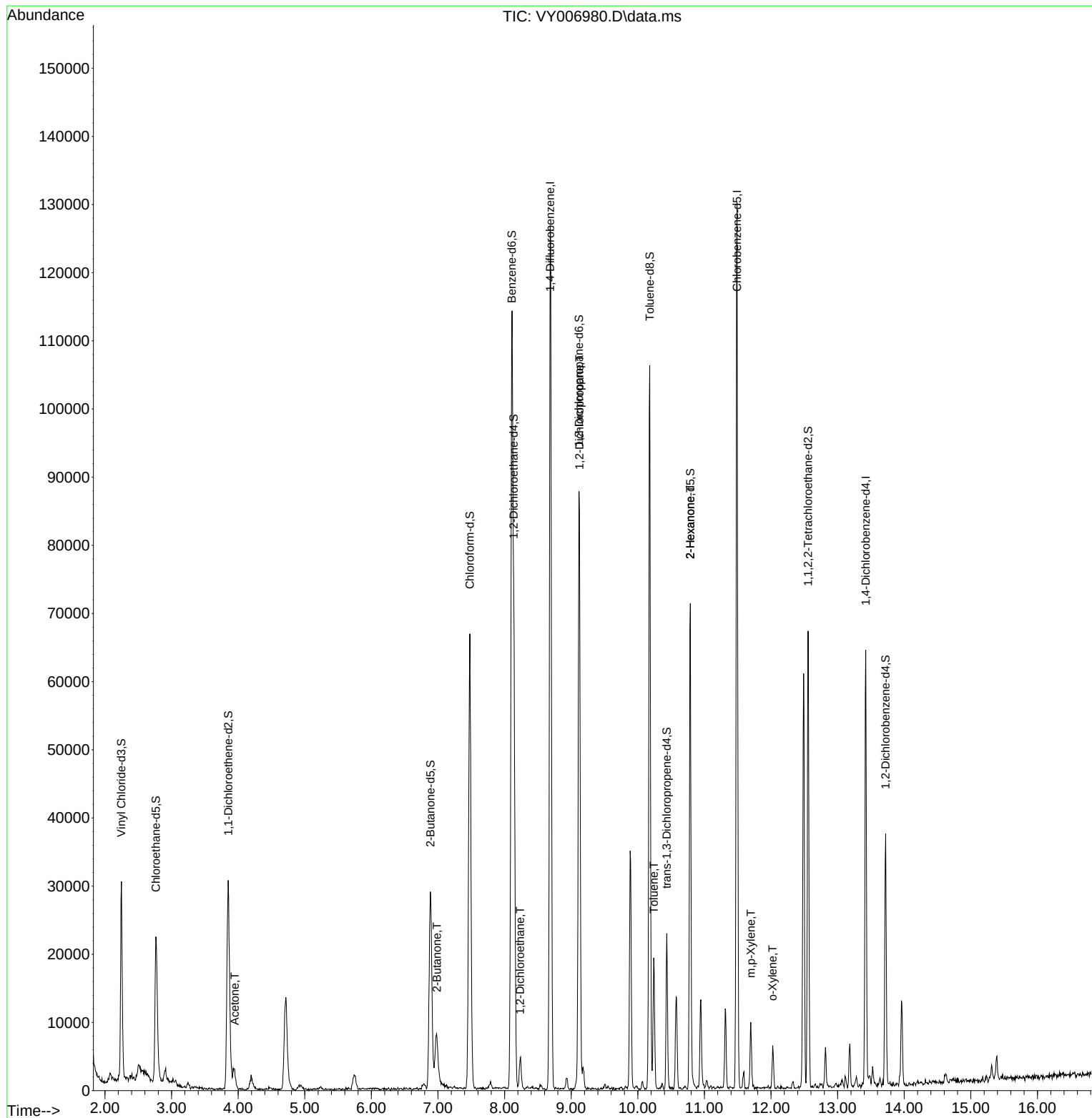
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	101475	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	62972	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	15268	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	29491	22.565	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	90.280%	
7) Chloroethane-d5	2.765	69	27518	26.841	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	107.360%	
11) 1,1-Dichloroethene-d2	3.851	63	29653	10.914	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	43.640%#	
21) 2-Butanone-d5	6.887	46	54276	107.524	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	215.040%#	
24) Chloroform-d	7.478	84	62847	24.852	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	8.136	65	40317	26.560	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	106.240%	
32) Benzene-d6	8.106	84	98709	29.509	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	118.040%	
36) 1,2-Dichloropropane-d6	9.118	67	40465	38.501	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	154.000%#	
41) Toluene-d8	10.179	98	64101	20.460	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	81.840%	
43) trans-1,3-Dichloroprop...	10.435	79	11072	21.780	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	87.120%	
47) 2-Hexanone-d5	10.788	63	21408	88.009	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	176.020%#	
56) 1,1,2,2-Tetrachloroeth...	12.556	84	31269	35.711	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	142.840%#	
66) 1,2-Dichlorobenzene-d4	13.721	152	8587	17.246	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	69.000%#	
Target Compounds						Qvalue
13) Acetone	3.948	43	5150	11.132	ug/L	83
22) 2-Butanone	6.984	43	3083	4.764	ug/L	79
27) 1,2-Dichloroethane	8.234	62	4092	2.035	ug/L	96
37) 1,2-Dichloropropane	9.124	63	4611	4.249	ug/L #	87
42) Toluene	10.240	91	13160	2.914	ug/L	96
48) 2-Hexanone	10.788	43	3424	5.481	ug/L #	68
53) m,p-Xylene	11.697	106	2579	1.404	ug/L	89
54) o-Xylene	12.026	106	1385	0.802	ug/L	68

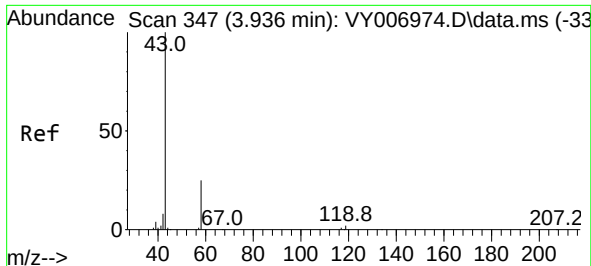
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 07 04:00:28 2021
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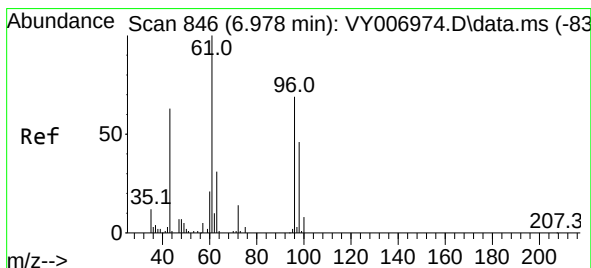
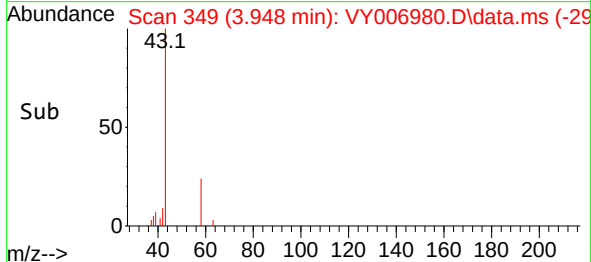
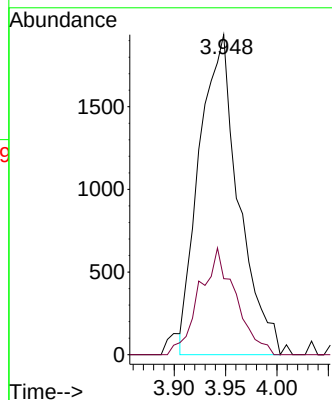
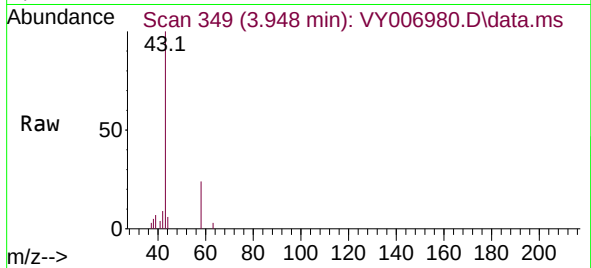




#13
Acetone
Concen: 11.132 ug/L
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY006980.D
Acq: 07 Dec 2021 00:16

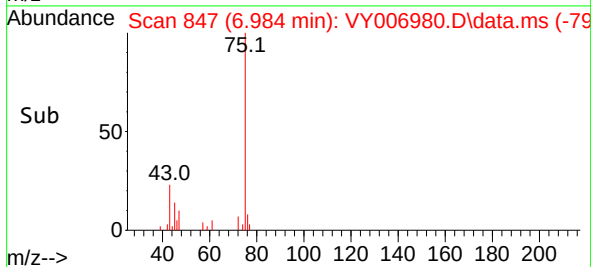
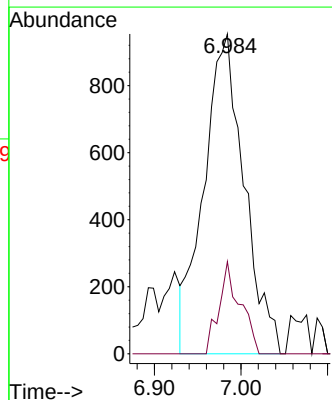
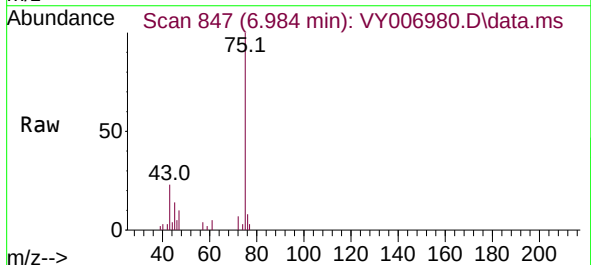
Instrument :
MSVOA_Y
ClientSampleId :

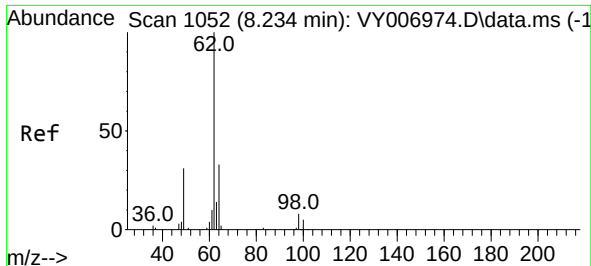
Tgt Ion: 43 Resp: 5150
Ion Ratio Lower Upper
43 100
58 21.3 0.0 60.8



#22
2-Butanone
Concen: 4.764 ug/L
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY006980.D
Acq: 07 Dec 2021 00:16

Tgt Ion: 43 Resp: 3083
Ion Ratio Lower Upper
43 100
72 15.2 12.9 38.6





#27

1,2-Dichloroethane

Concen: 2.035 ug/L

RT: 8.234 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VY006980.D

Acq: 07 Dec 2021 00:16

Instrument :

MSVOA_Y

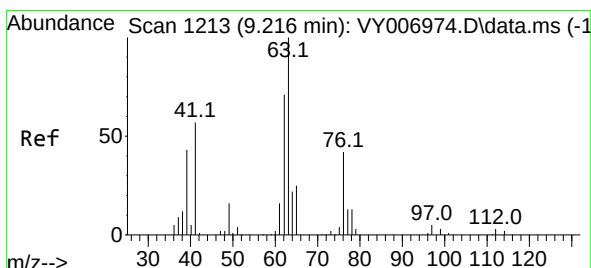
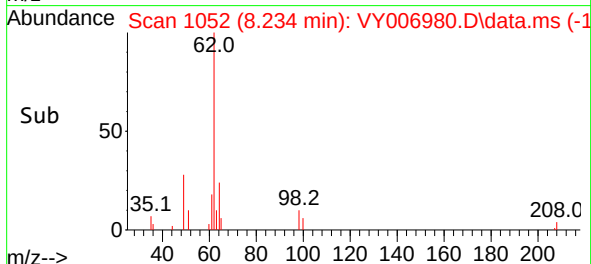
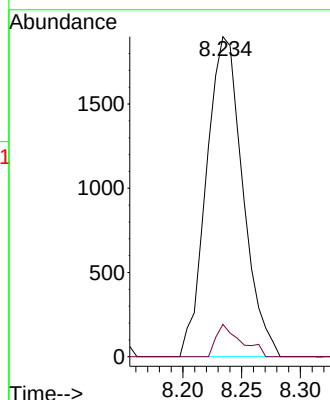
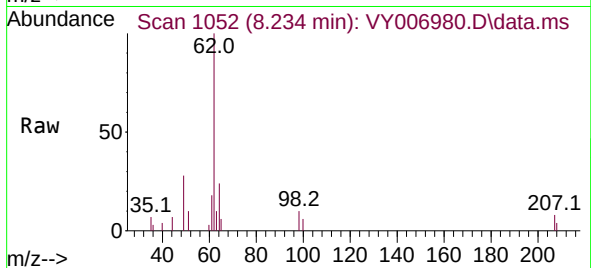
ClientSampleId :

Tgt Ion: 62 Resp: 4092

Ion Ratio Lower Upper

62 100

98 10.1 6.9 10.3



#37

1,2-Dichloropropane

Concen: 4.249 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.091 min

Lab File: VY006980.D

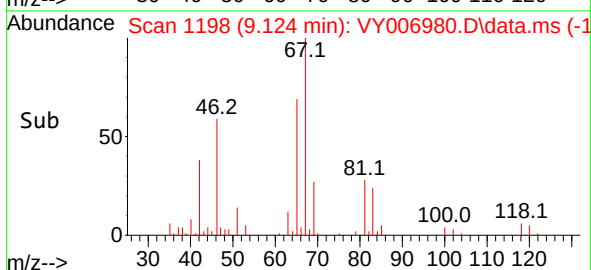
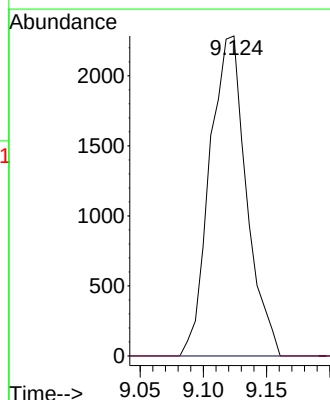
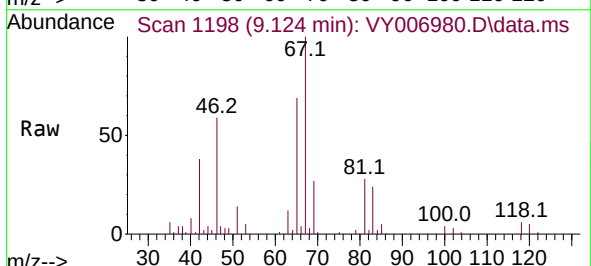
Acq: 07 Dec 2021 00:16

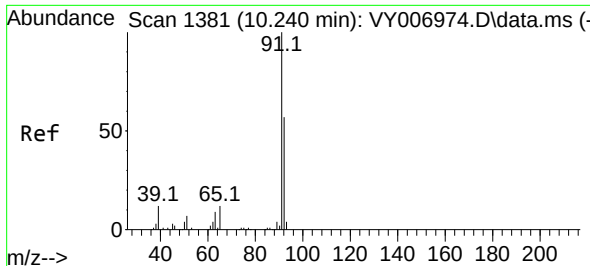
Tgt Ion: 63 Resp: 4611

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

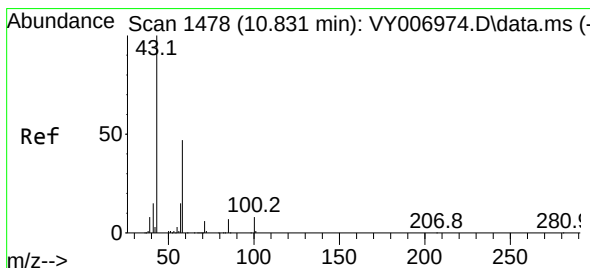
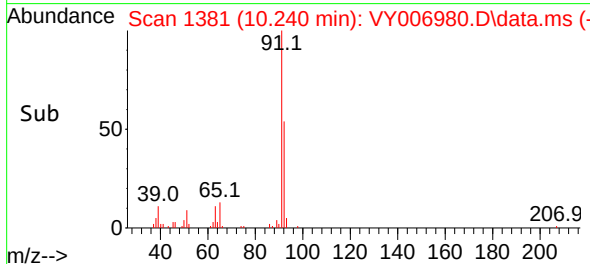
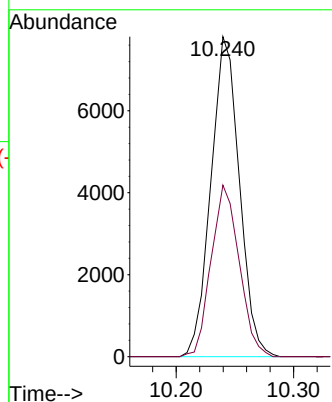
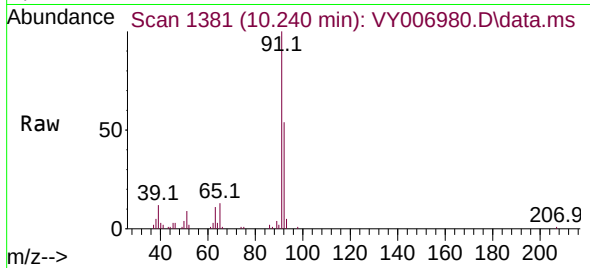




#42
Toluene
Concen: 2.914 ug/L
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006980.D
Acq: 07 Dec 2021 00:16

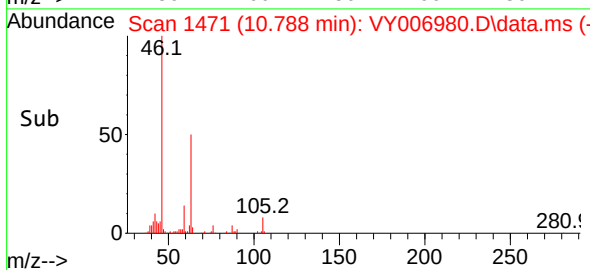
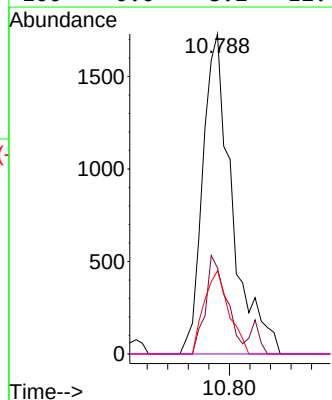
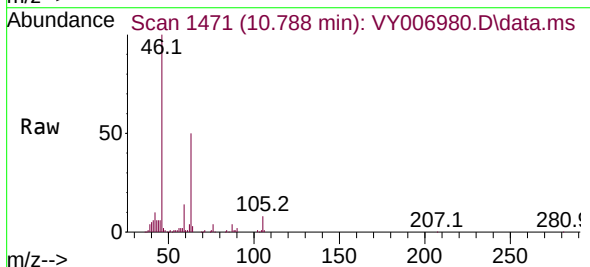
Instrument :
MSVOA_Y
ClientSampleId :

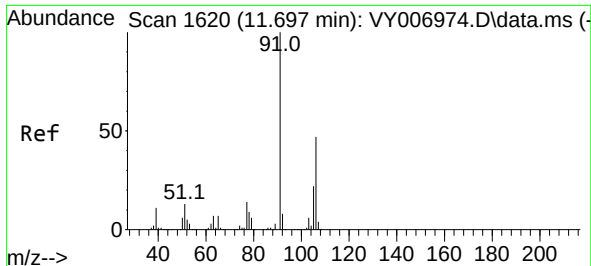
Tgt Ion: 91 Resp: 13160
Ion Ratio Lower Upper
91 100
92 53.6 39.8 74.0



#48
2-Hexanone
Concen: 5.481 ug/L
RT: 10.788 min Scan# 1471
Delta R.T. -0.043 min
Lab File: VY006980.D
Acq: 07 Dec 2021 00:16

Tgt Ion: 43 Resp: 3424
Ion Ratio Lower Upper
43 100
58 22.2 39.9 59.9#
57 22.1 14.2 21.4#
100 0.0 8.2 12.4#

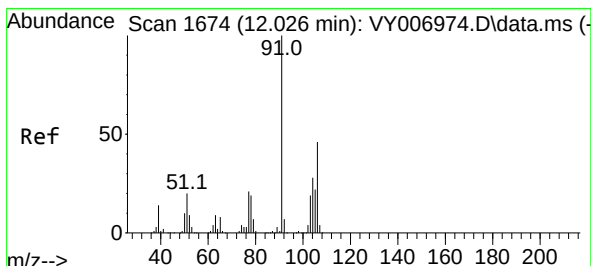
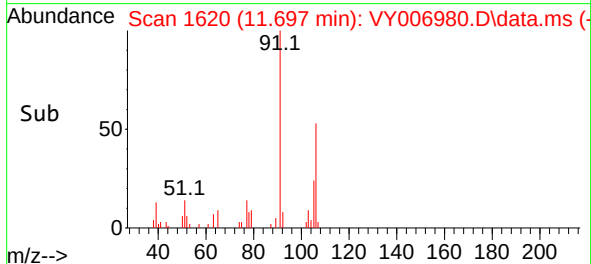
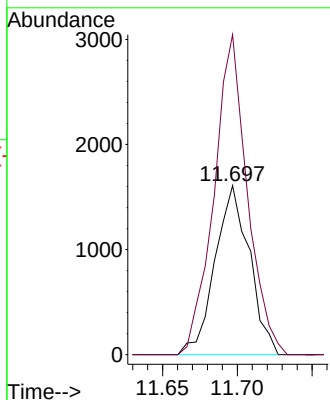
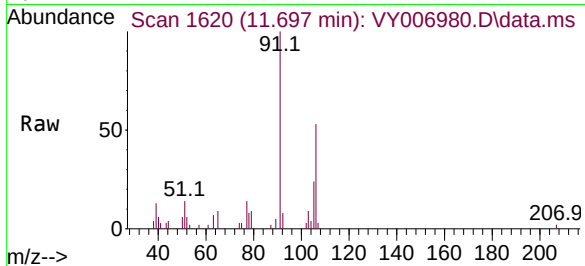




#53
m,p-Xylene
Concen: 1.404 ug/L
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY006980.D
Acq: 07 Dec 2021 00:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 2579
Ion Ratio Lower Upper
106 100
91 189.1 144.7 268.7



#54
o-Xylene
Concen: 0.802 ug/L
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY006980.D
Acq: 07 Dec 2021 00:16

Tgt Ion:106 Resp: 1385
Ion Ratio Lower Upper
106 100
91 274.1 155.5 288.7

