

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006978.D
 Acq On : 06 Dec 2021 23:32
 Operator : SY/MD
 Sample : M4887-24
 Misc : 6.18g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 04:14:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.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)

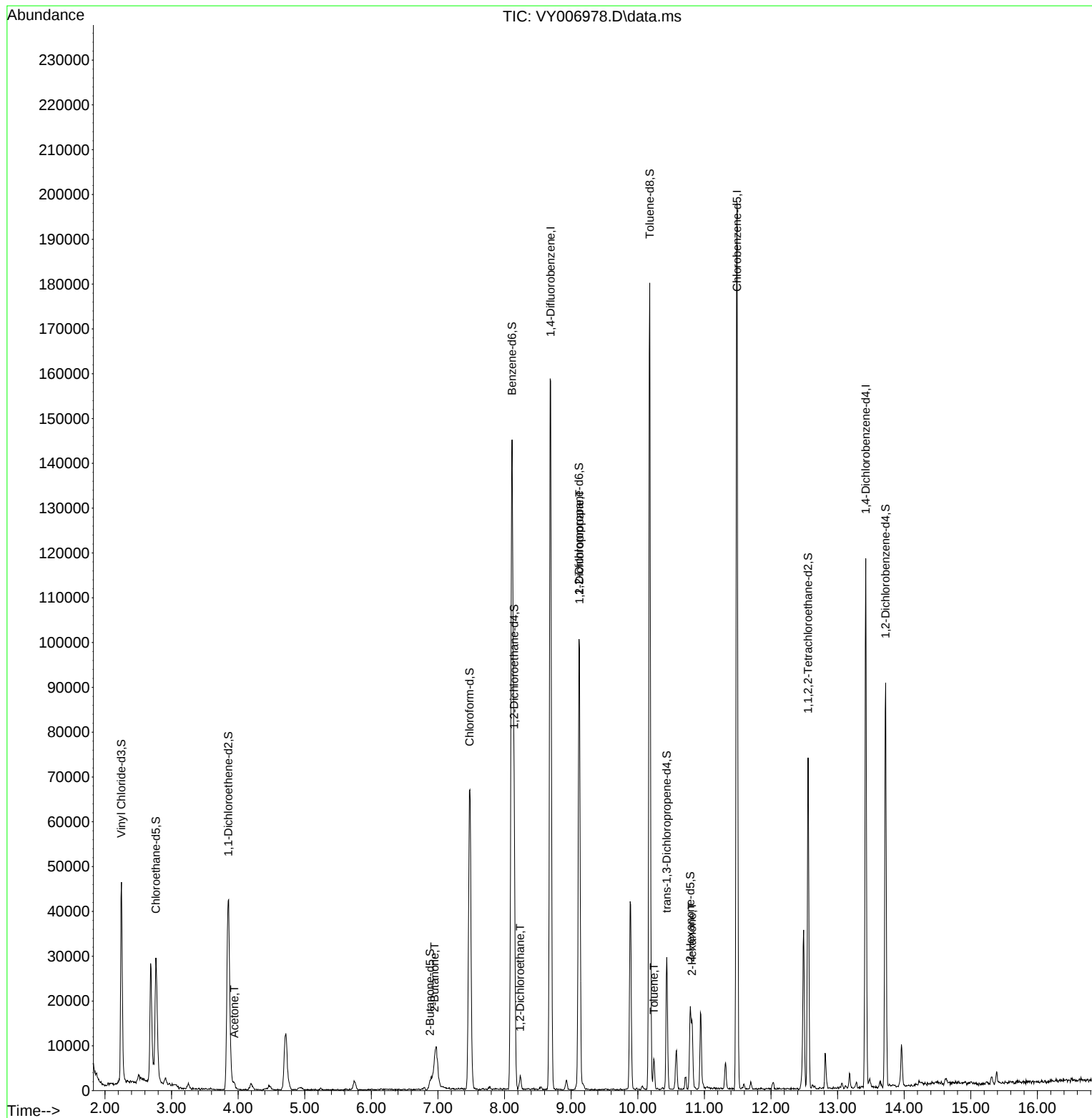
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	128182	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	98497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	26818	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	46858	28.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.520%
7) Chloroethane-d5	2.766	69	32504	25.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	3.851	63	47251	13.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.080%
21) 2-Butanone-d5	6.881	46	2195	3.442	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	6.880%#
24) Chloroform-d	7.472	84	69036	21.611	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.440%
26) 1,2-Dichloroethane-d4	8.143	65	45009	23.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.880%
32) Benzene-d6	8.112	84	136062	26.005	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.040%
36) 1,2-Dichloropropane-d6	9.118	67	46277	28.151	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.600%
41) Toluene-d8	10.179	98	109365	22.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.280%
43) trans-1,3-Dichloroprop...	10.435	79	15036	18.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.640%
47) 2-Hexanone-d5	10.789	63	5166	13.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.160%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	33996	24.822	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.280%
66) 1,2-Dichlorobenzene-d4	13.721	152	20240	23.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.560%
Target Compounds						Qvalue
13) Acetone	3.942	43	1996	3.416	ug/L	97
22) 2-Butanone	6.948	43	6440	7.878	ug/L #	49
27) 1,2-Dichloroethane	8.234	62	2316	0.912	ug/L	99
37) 1,2-Dichloropropane	9.124	63	5281	3.111	ug/L #	87
42) Toluene	10.240	91	4794	0.679	ug/L	92
48) 2-Hexanone	10.813	43	9120	9.334	ug/L #	50

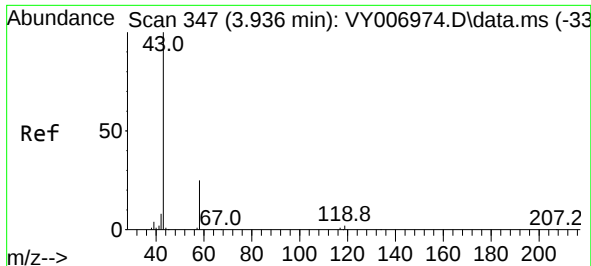
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.416 ug/L

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

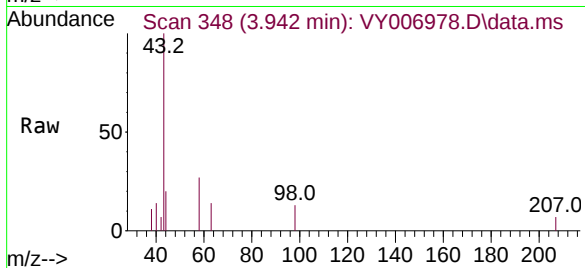
Lab File: VY006978.D

Acq: 06 Dec 2021 23:32

Instrument :

MSVOA_Y

ClientSampleId :

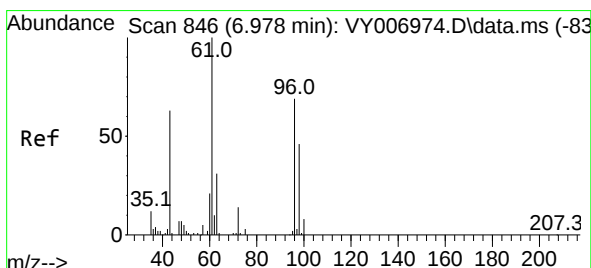
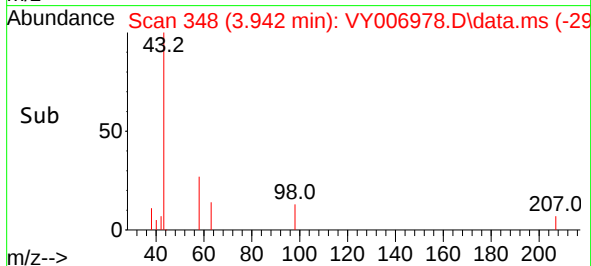
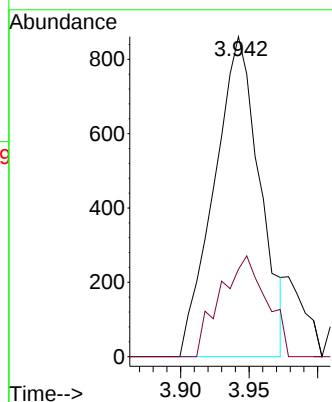


Tgt Ion: 43 Resp: 1996

Ion Ratio Lower Upper

43 100

58 31.9 0.0 60.8



#22

2-Butanone

Concen: 7.878 ug/L

RT: 6.948 min Scan# 841

Delta R.T. -0.030 min

Lab File: VY006978.D

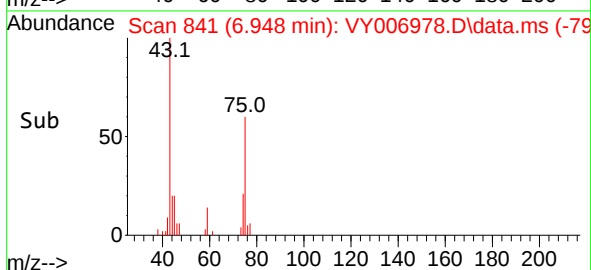
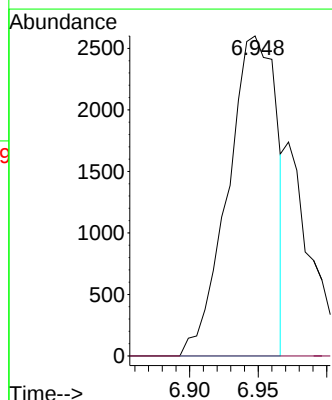
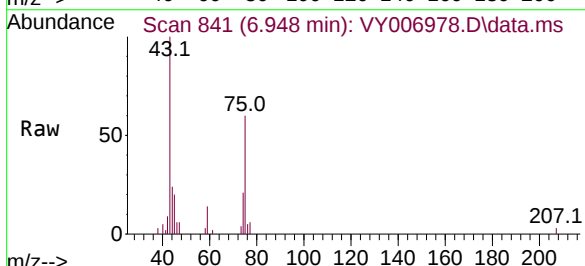
Acq: 06 Dec 2021 23:32

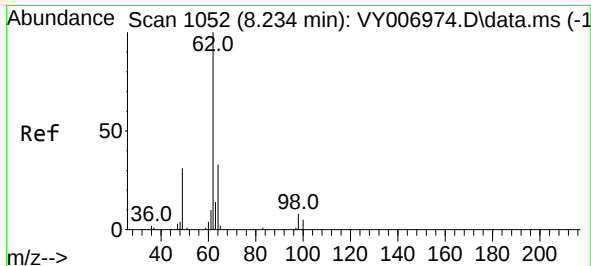
Tgt Ion: 43 Resp: 6440

Ion Ratio Lower Upper

43 100

72 0.0 12.9 38.6#





#27

1,2-Dichloroethane

Concen: 0.912 ug/L

RT: 8.234 min Scan# 1198

Delta R.T. 0.000 min

Lab File: VY006978.D

Acq: 06 Dec 2021 23:32

Instrument :

MSVOA_Y

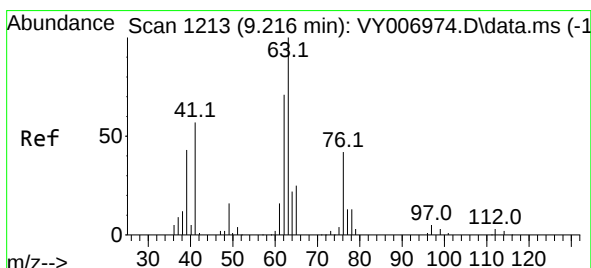
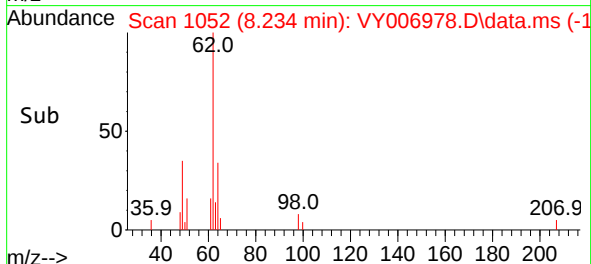
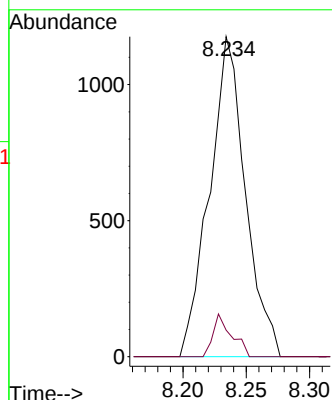
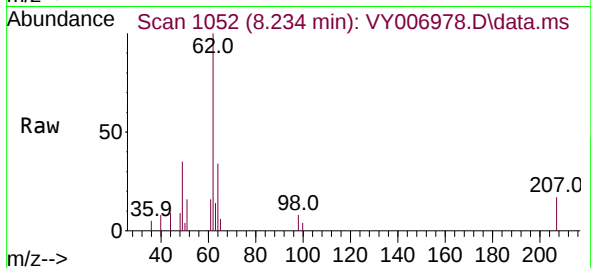
ClientSampleId :

Tgt Ion: 62 Resp: 2316

Ion Ratio Lower Upper

62 100

98 8.3 6.9 10.3



#37

1,2-Dichloropropane

Concen: 3.111 ug/L

RT: 9.124 min Scan# 1198

Delta R.T. -0.091 min

Lab File: VY006978.D

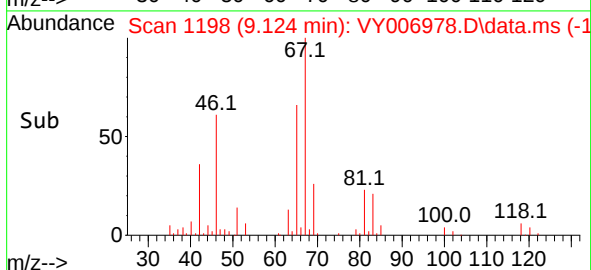
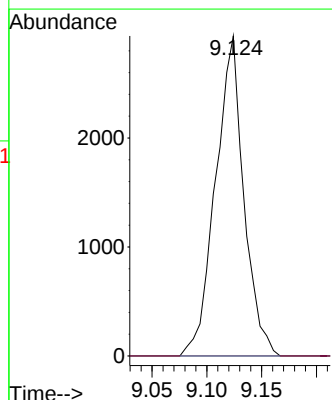
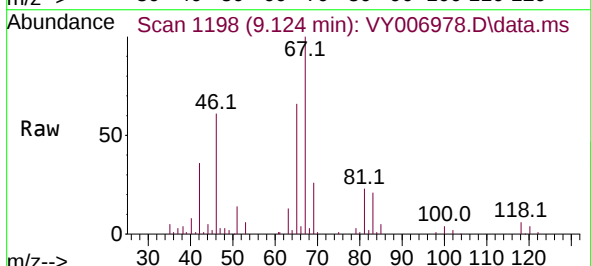
Acq: 06 Dec 2021 23:32

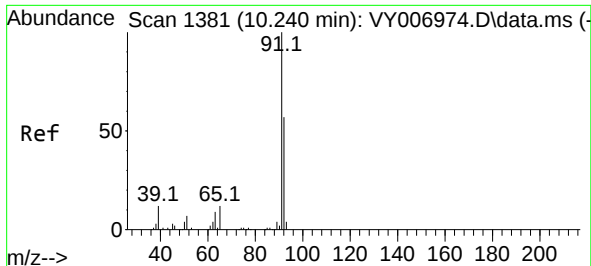
Tgt Ion: 63 Resp: 5281

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

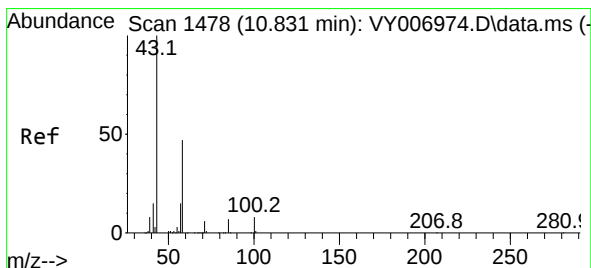
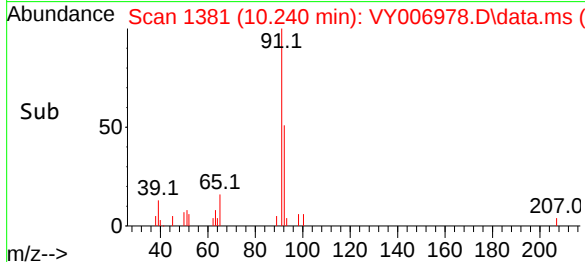
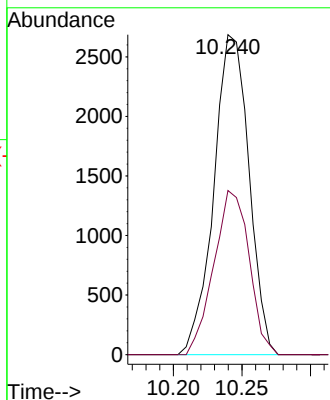
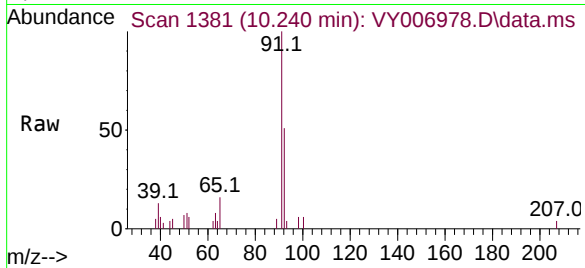




#42
Toluene
Concen: 0.679 ug/L
RT: 10.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006978.D
Acq: 06 Dec 2021 23:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 4794
Ion Ratio Lower Upper
91 100
92 51.3 39.8 74.0



#48
2-Hexanone
Concen: 9.334 ug/L
RT: 10.813 min Scan# 1475
Delta R.T. -0.018 min
Lab File: VY006978.D
Acq: 06 Dec 2021 23:32

Tgt Ion: 43 Resp: 9120
Ion Ratio Lower Upper
43 100
58 7.5 39.9 59.9#
57 3.8 14.2 21.4#
100 0.0 8.2 12.4#

