

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006983.D
 Acq On : 07 Dec 2021 01:22
 Operator : SY/MD
 Sample : M4884-07
 Misc : 4.48g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 04:15:19 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)

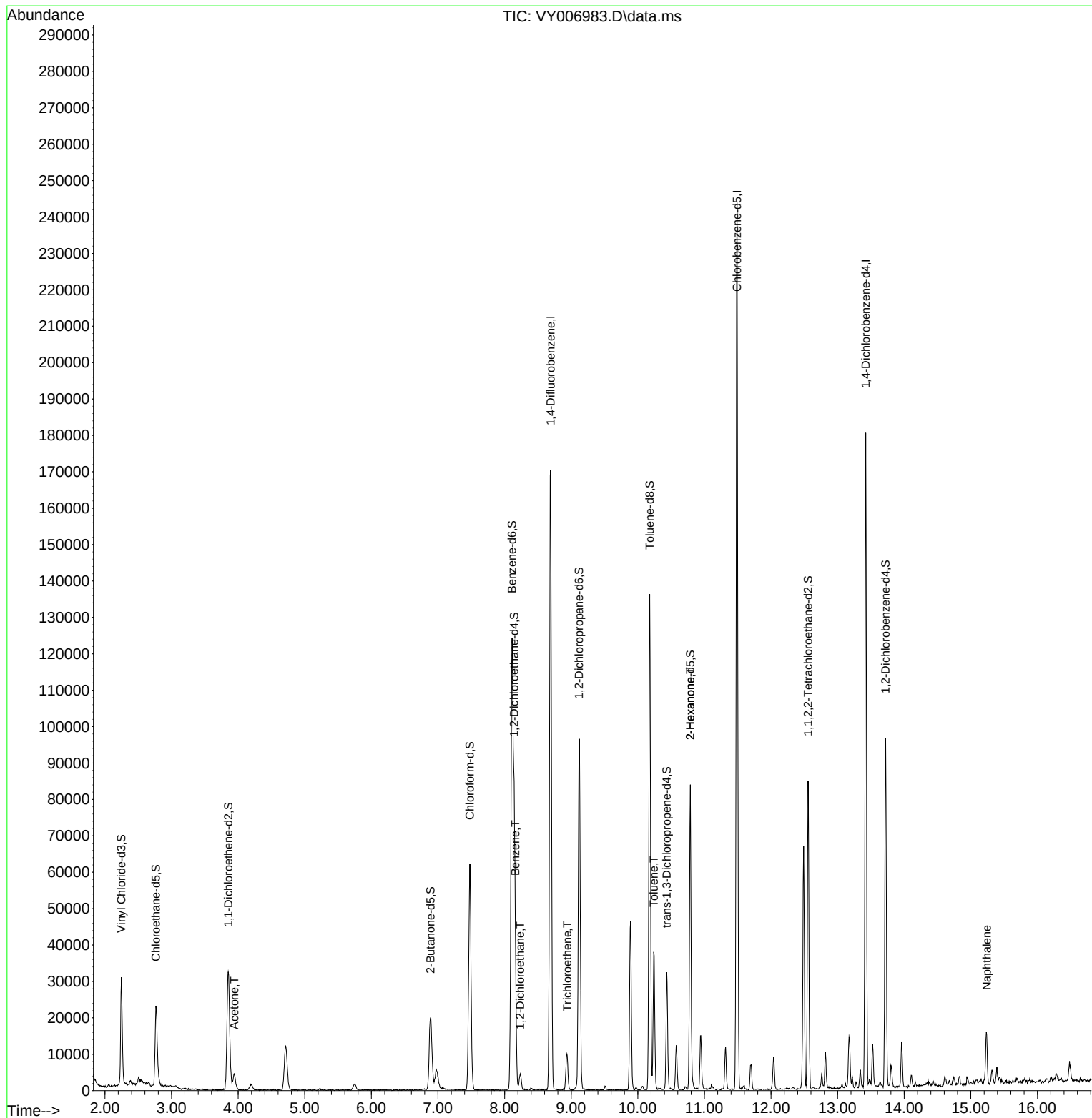
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	137028	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	121204	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	41081	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	30888	17.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.000%
7) Chloroethane-d5	2.765	69	27268	19.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	3.851	63	34082	9.289	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.160%#
21) 2-Butanone-d5	6.887	46	38167	55.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.980%
24) Chloroform-d	7.478	84	57690	16.894	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.560%
26) 1,2-Dichloroethane-d4	8.143	65	44661	21.788	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.160%
32) Benzene-d6	8.112	84	117894	18.311	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.240%
36) 1,2-Dichloropropane-d6	9.118	67	45941	22.711	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.840%
41) Toluene-d8	10.179	98	84246	13.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.880%
43) trans-1,3-Dichloroprop...	10.435	79	15922	16.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.080%
47) 2-Hexanone-d5	10.788	63	24768	52.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.800%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	39044	23.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.680%
66) 1,2-Dichlorobenzene-d4	13.721	152	21266	15.874	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	63.480%#
Target Compounds					Qvalue	
13) Acetone	3.942	43	7576	12.128	ug/L	91
27) 1,2-Dichloroethane	8.234	62	3941	1.452	ug/L #	92
33) Benzene	8.161	78	23807	2.922	ug/L	100
34) Trichloroethene	8.941	95	2948	1.469	ug/L	95
42) Toluene	10.240	91	25698	2.956	ug/L	99
48) 2-Hexanone	10.788	43	4477	3.724	ug/L #	71
71) Naphthalene	15.239	128	10821	3.636	ug/L	97

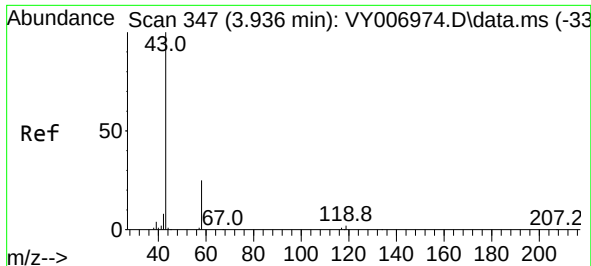
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 07 04:00:28 2021
Response via : Initial Calibration

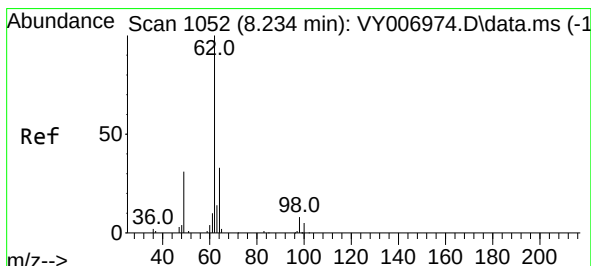
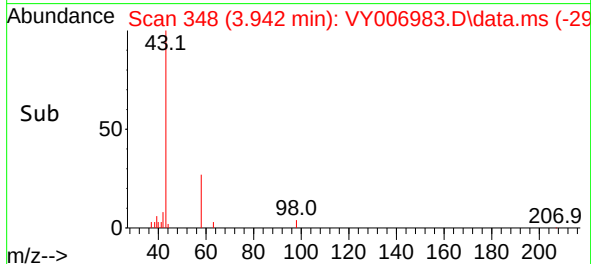
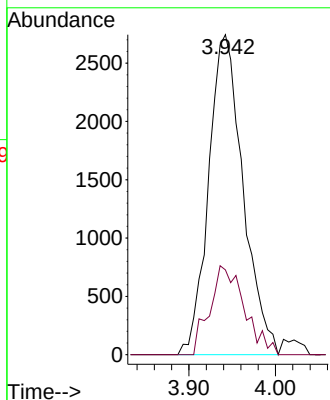
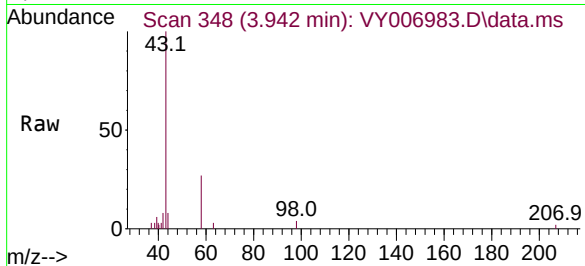




#13
Acetone
Concen: 12.128 ug/L
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY006983.D
Acq: 07 Dec 2021 01:22

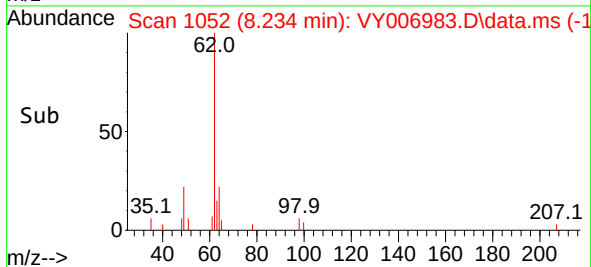
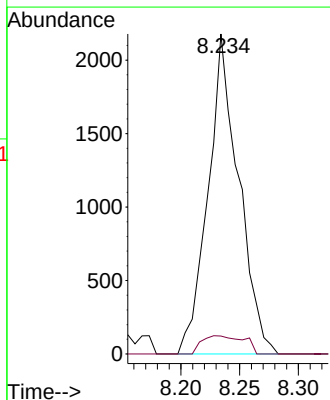
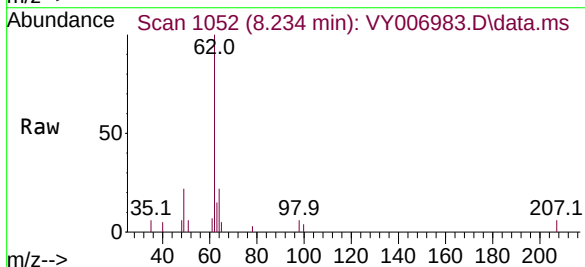
Instrument :
MSVOA_Y
ClientSampleId :

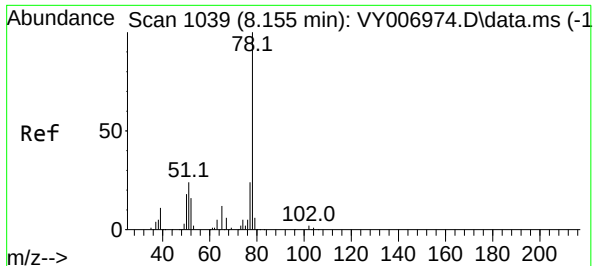
Tgt Ion: 43 Resp: 7576
Ion Ratio Lower Upper
43 100
58 25.2 0.0 60.8



#27
1,2-Dichloroethane
Concen: 1.452 ug/L
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY006983.D
Acq: 07 Dec 2021 01:22

Tgt Ion: 62 Resp: 3941
Ion Ratio Lower Upper
62 100
98 5.6 6.9 10.3#

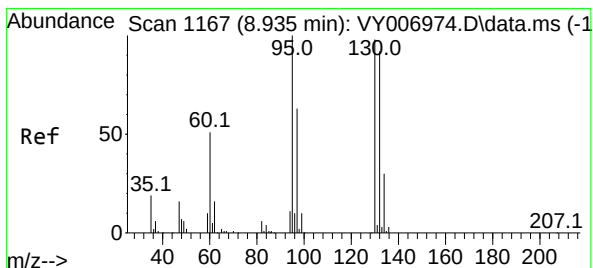
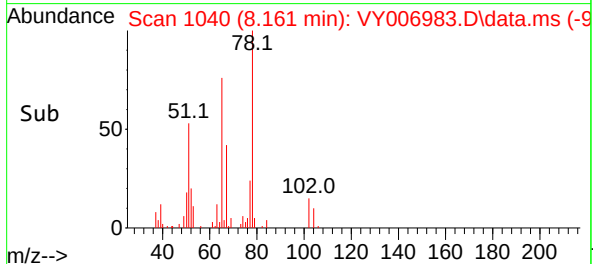
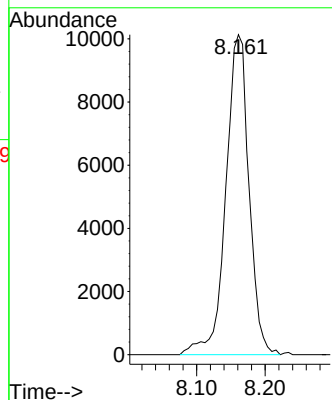
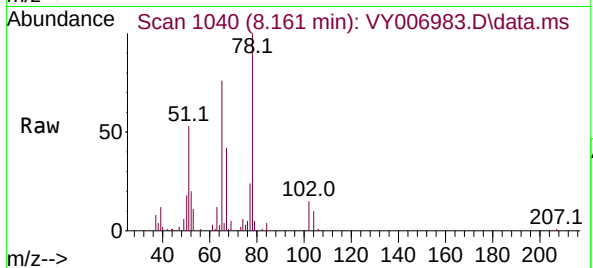




#33
Benzene
Concen: 2.922 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY006983.D
Acq: 07 Dec 2021 01:22

Instrument :
MSVOA_Y
ClientSampleId :

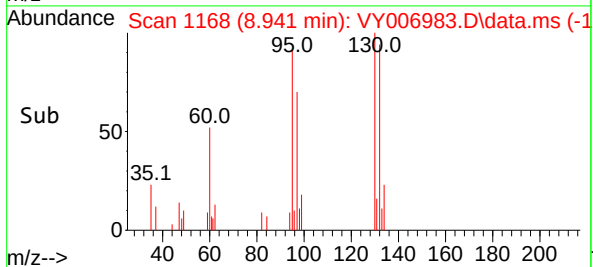
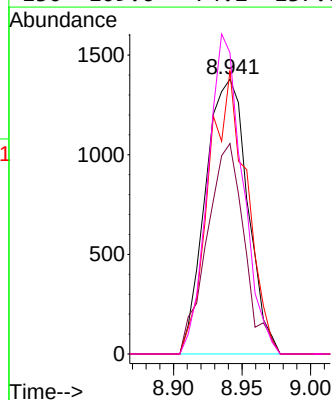
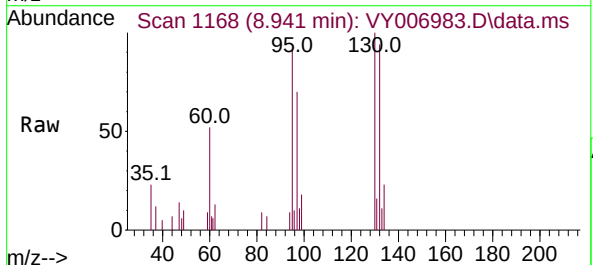
Tgt Ion: 78 Resp: 23807

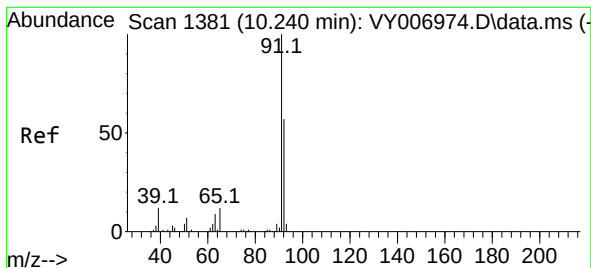


#34
Trichloroethene
Concen: 1.469 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY006983.D
Acq: 07 Dec 2021 01:22

Tgt Ion: 95 Resp: 2948

Ion	Ratio	Lower	Upper
95	100		
97	76.6	47.3	87.8
132	103.0	71.3	132.5
130	109.6	74.2	137.8





#42

Toluene

Concen: 2.956 ug/L

RT: 10.240 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006983.D

Acq: 07 Dec 2021 01:22

Instrument :

MSVOA_Y

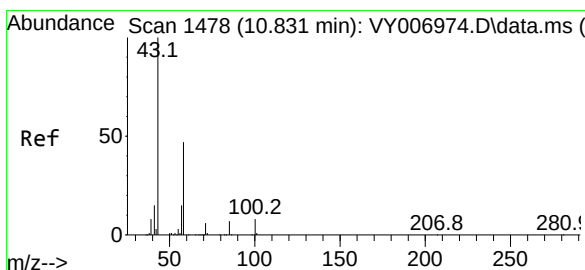
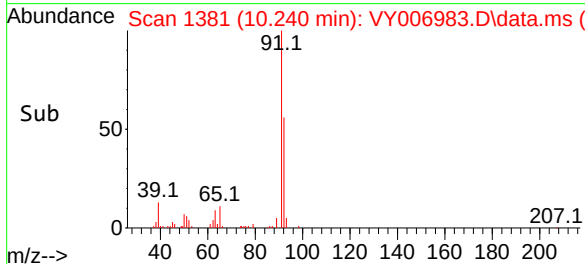
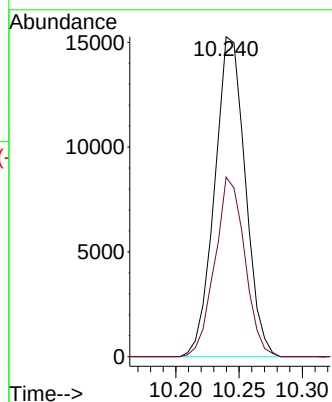
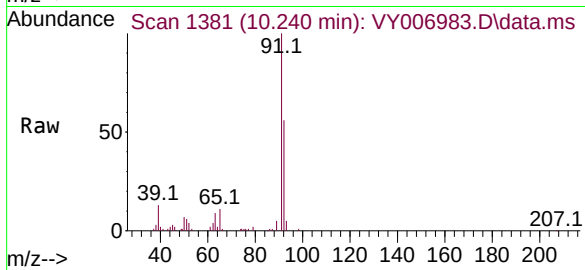
ClientSampleId :

Tgt Ion: 91 Resp: 25698

Ion Ratio Lower Upper

91 100

92 56.1 39.8 74.0



#48

2-Hexanone

Concen: 3.724 ug/L

RT: 10.788 min Scan# 1471

Delta R.T. -0.043 min

Lab File: VY006983.D

Acq: 07 Dec 2021 01:22

Tgt Ion: 43 Resp: 4477

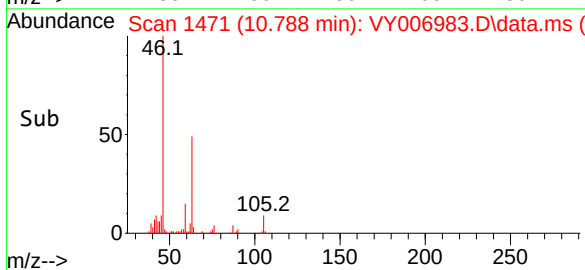
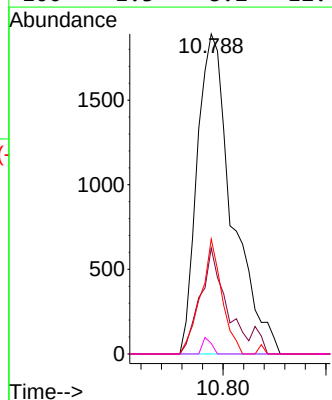
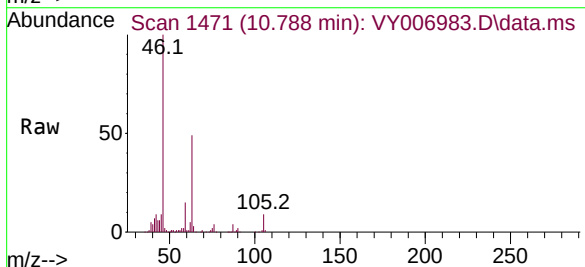
Ion Ratio Lower Upper

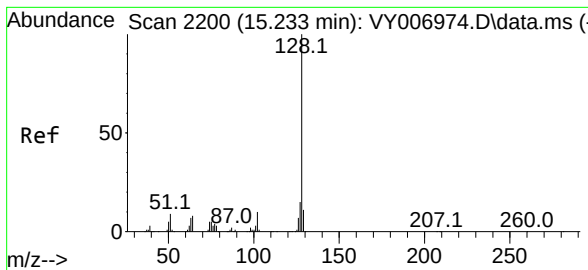
43 100

58 24.5 39.9 59.9#

57 21.7 14.2 21.4#

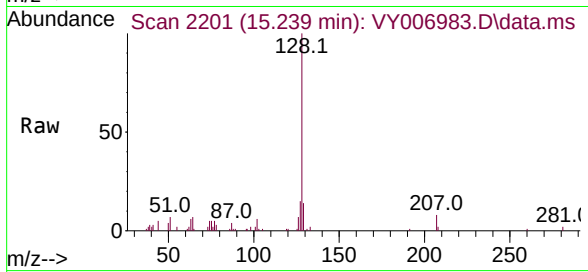
100 1.3 8.2 12.4#





#71
Naphthalene
Concen: 3.636 ug/L
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY006983.D
Acq: 07 Dec 2021 01:22

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	10821
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.8	16.2
129	12.3	8.7	13.1

