

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022539.D
 Acq On : 03 Oct 2021 03:10
 Operator : SY/MD
 Sample : M3973-21
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 04:31:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

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

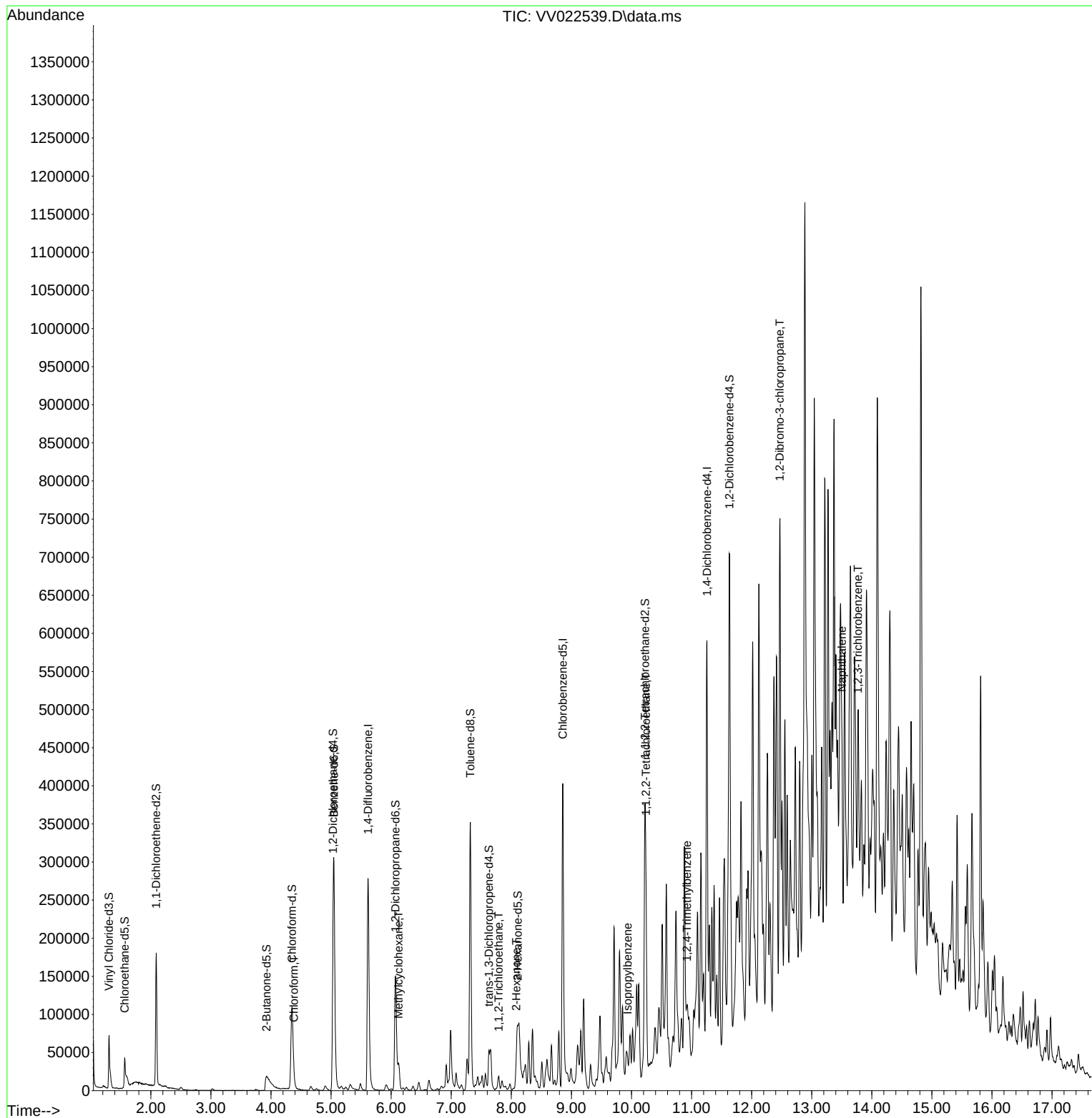
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	260290	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	255701	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	135239	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64324	39.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.920%
7) Chloroethane-d5	1.564	69	31221	24.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.340%#
11) 1,1-Dichloroethene-d2	2.088	63	91894	28.951	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.900%#
21) 2-Butanone-d5	3.924	46	36882	41.623	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	41.620%
24) Chloroform-d	4.349	84	123053	41.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.680%
26) 1,2-Dichloroethane-d4	5.034	65	80324	47.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
32) Benzene-d6	5.047	84	262313	44.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.560%
36) 1,2-Dichloropropane-d6	6.072	67	81349	44.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.220%
41) Toluene-d8	7.317	98	241077	44.366	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.740%
43) trans-1,3-Dichloroprop...	7.625	79	33665	39.018	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.040%
47) 2-Hexanone-d5	8.104	63	20069	26.566	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	26.570%#
56) 1,1,2,2-Tetrachloroeth...	10.226	84	111426	43.941	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.880%
66) 1,2-Dichlorobenzene-d4	11.628	152	101987	46.244	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.480%
Target Compounds						Qvalue
25) Chloroform	4.381	83	2680	0.754	ug/L	97
35) Methylcyclohexane	6.124	83	12844	4.109	ug/L #	88
45) 1,1,2-Trichloroethane	7.789	97	6429	3.072	ug/L #	21
48) 2-Hexanone	8.082	43	18409	8.474	ug/L #	33
57) 1,1,2,2-Tetrachloroethane	10.239	83	15968	4.937	ug/L #	44
60) Isopropylbenzene	9.937	105	7405	0.861	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	9545	1.325	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.467	75	1336	1.896	ug/L #	15
71) Naphthalene	13.503	128	37425	3.897	ug/L #	81
72) 1,2,3-Trichlorobenzene	13.766	180	2109	0.700	ug/L #	1

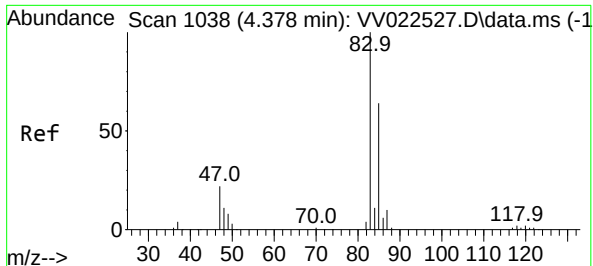
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Oct 04 04:27:20 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 0.754 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV022539.D

Acq: 03 Oct 2021 03:10

Tgt Ion: 83 Resp: 2680

Ion Ratio Lower Upper

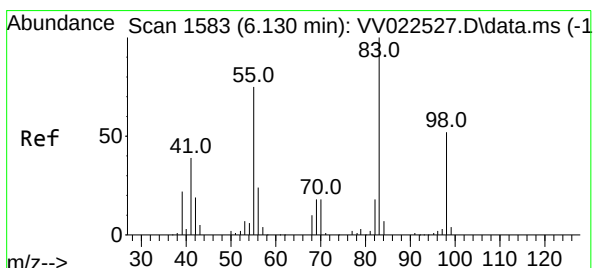
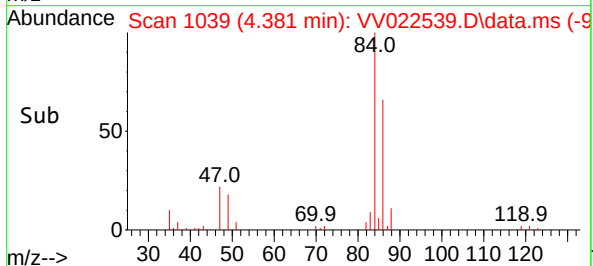
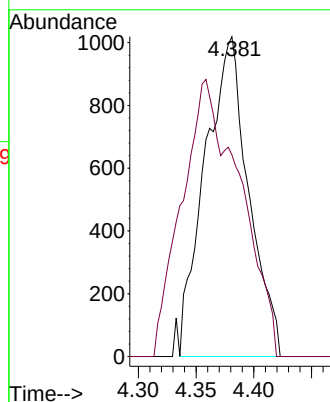
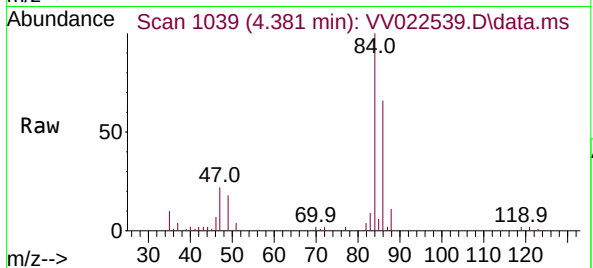
83 100

85 63.1 45.8 85.0

Instrument :

MSVOA_V

ClientSampled :



#35

Methylcyclohexane

Concen: 4.109 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.007 min

Lab File: VV022539.D

Acq: 03 Oct 2021 03:10

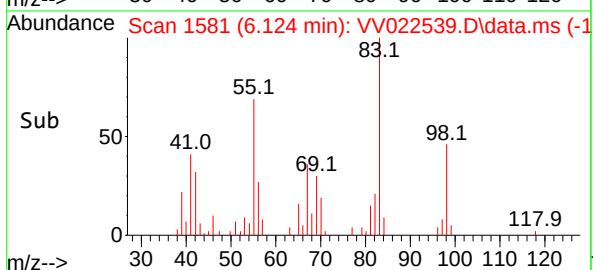
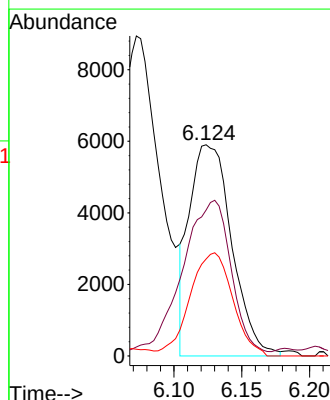
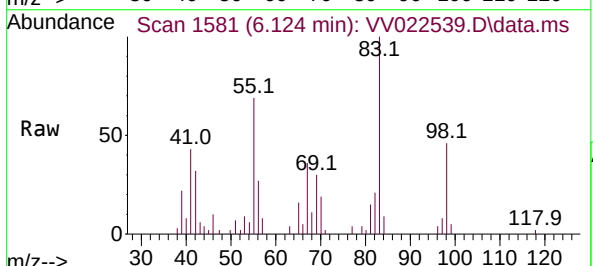
Tgt Ion: 83 Resp: 12844

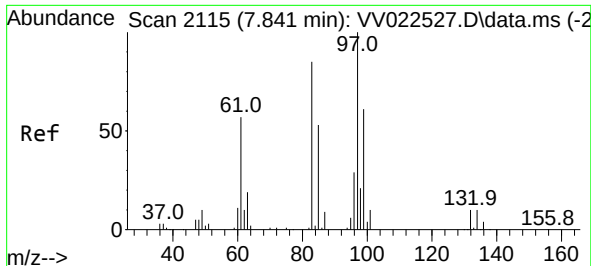
Ion Ratio Lower Upper

83 100

55 87.5 56.7 85.1#

98 49.4 40.6 60.8





#45

1,1,2-Trichloroethane

Concen: 3.072 ug/L

RT: 7.789 min Scan# 2099

Delta R.T. -0.052 min

Lab File: VV022539.D

Acq: 03 Oct 2021 03:10

Tgt Ion: 97 Resp: 6429

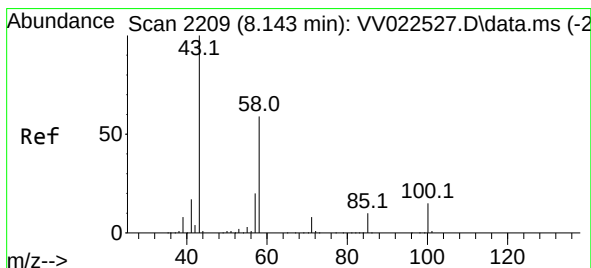
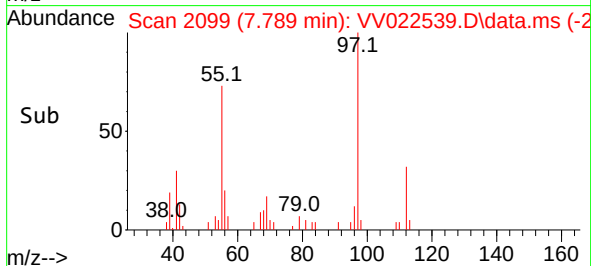
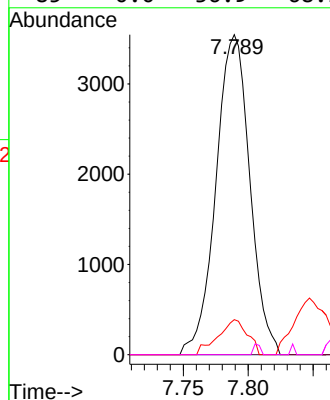
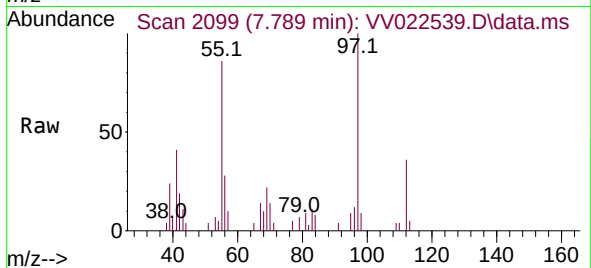
Ion Ratio Lower Upper

97 100

99 0.0 43.1 80.1#

83 11.0 58.6 108.8#

85 0.0 36.9 68.5#



#48

2-Hexanone

Concen: 8.474 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. -0.061 min

Lab File: VV022539.D

Acq: 03 Oct 2021 03:10

Tgt Ion: 43 Resp: 18409

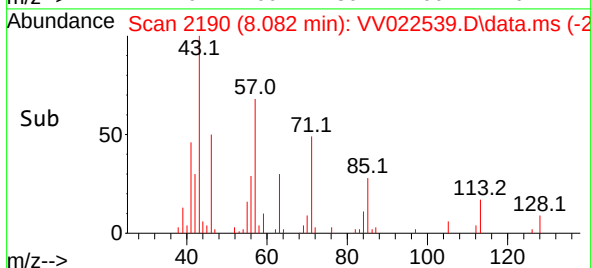
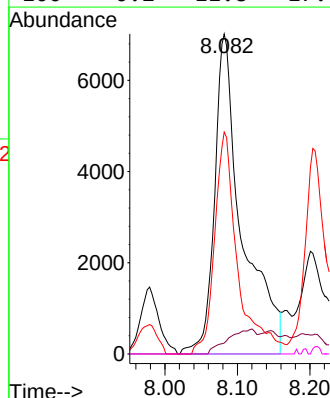
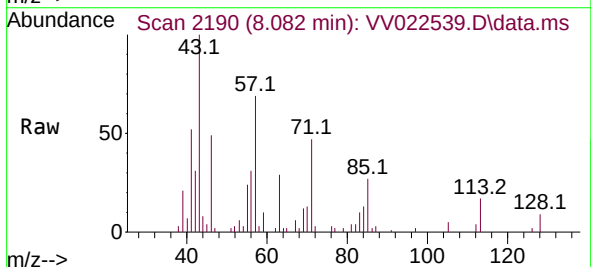
Ion Ratio Lower Upper

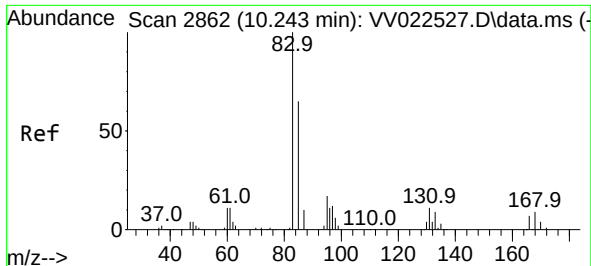
43 100

58 5.3 47.0 70.4#

57 55.6 15.8 23.6#

100 0.2 11.8 17.6#

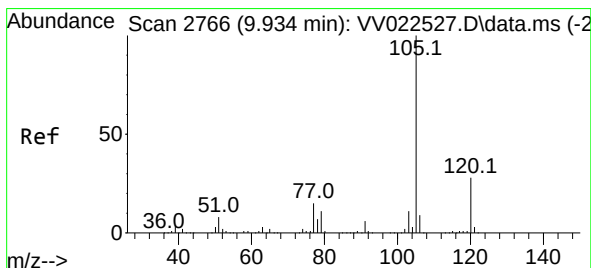
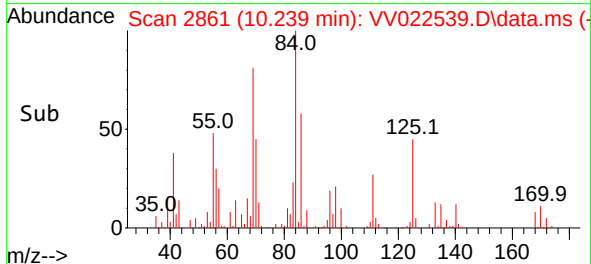
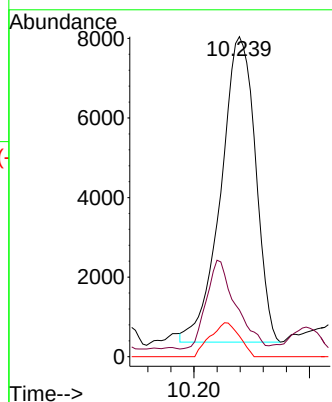
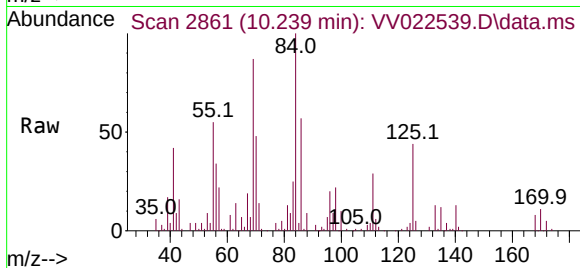




#57
1,1,2,2-Tetrachloroethane
Concen: 4.937 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV022539.D
Acq: 03 Oct 2021 03:10

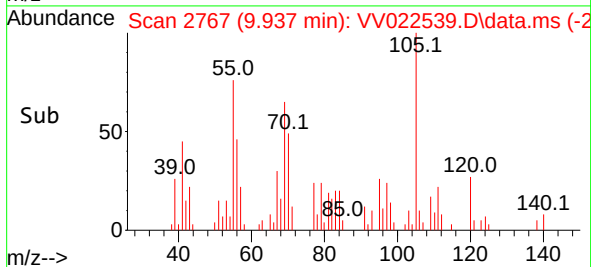
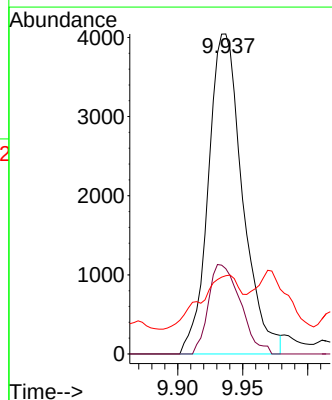
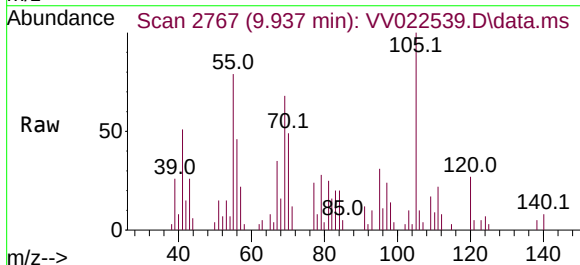
Instrument :
MSVOA_V
ClientSampleId :

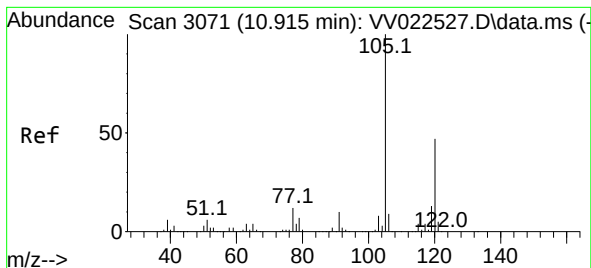
Tgt Ion: 83 Resp: 15968
Ion Ratio Lower Upper
83 100
85 14.6 45.2 84.0#
131 6.5 8.2 12.4#



#60
Isopropylbenzene
Concen: 0.861 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV022539.D
Acq: 03 Oct 2021 03:10

Tgt Ion: 105 Resp: 7405
Ion Ratio Lower Upper
105 100
120 25.9 21.6 32.4
77 14.5 12.0 18.0

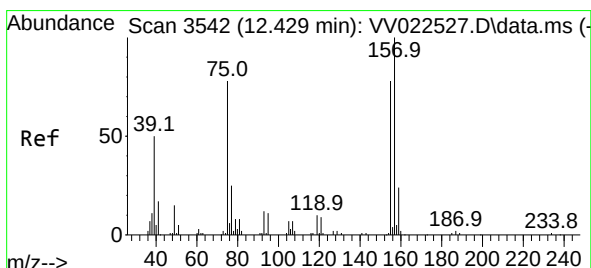
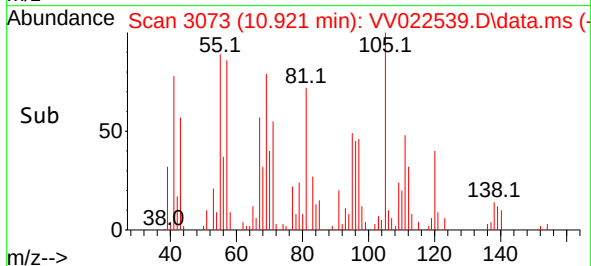
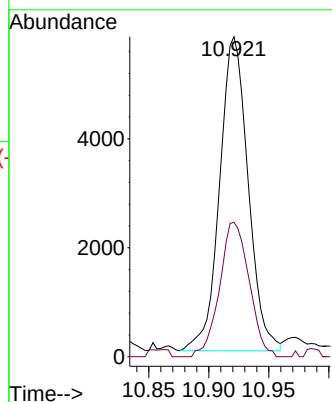
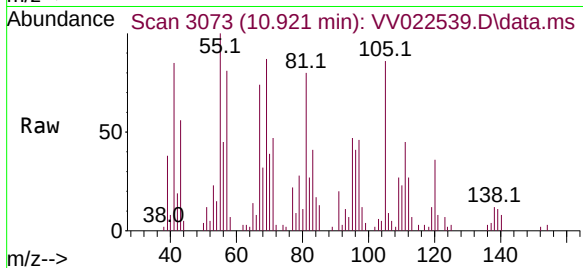




#63
1,2,4-Trimethylbenzene
Concen: 1.325 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV022539.D
Acq: 03 Oct 2021 03:10

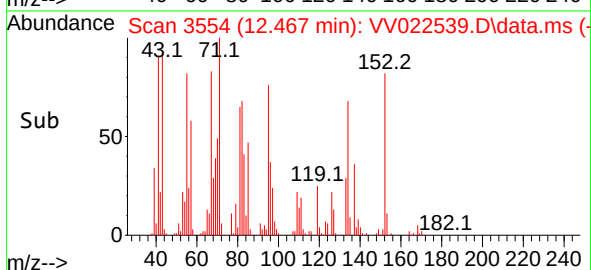
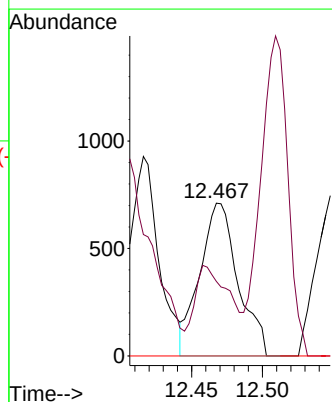
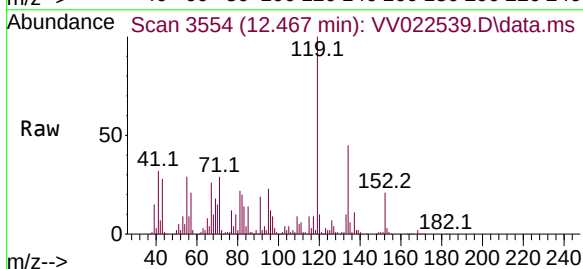
Instrument :
MSVOA_V
ClientSampled :

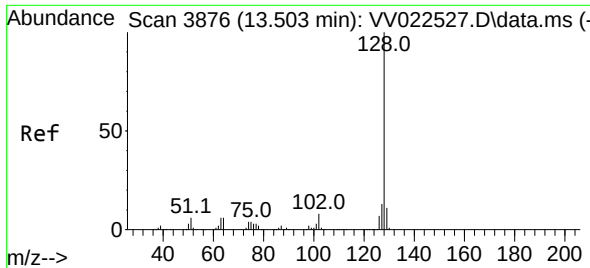
Tgt Ion:105 Resp: 9545
Ion Ratio Lower Upper
105 100
120 44.3 37.4 56.0



#68
1,2-Dibromo-3-chloropropane
Concen: 1.896 ug/L
RT: 12.467 min Scan# 3554
Delta R.T. 0.038 min
Lab File: VV022539.D
Acq: 03 Oct 2021 03:10

Tgt Ion: 75 Resp: 1336
Ion Ratio Lower Upper
75 100
155 48.8 79.1 118.7#
157 0.0 104.2 156.2#

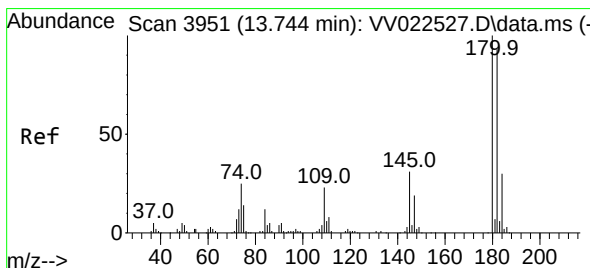
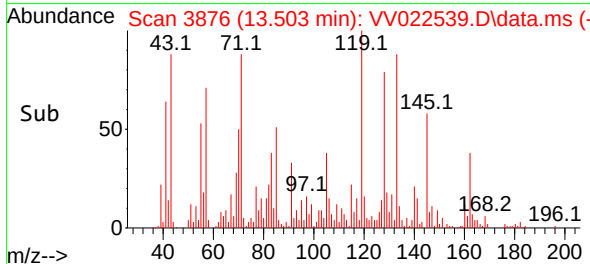
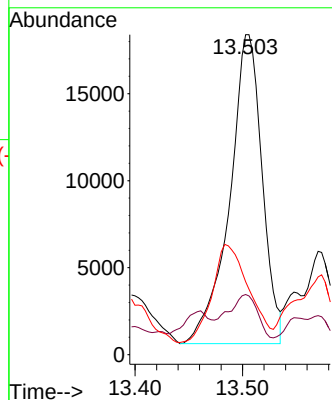
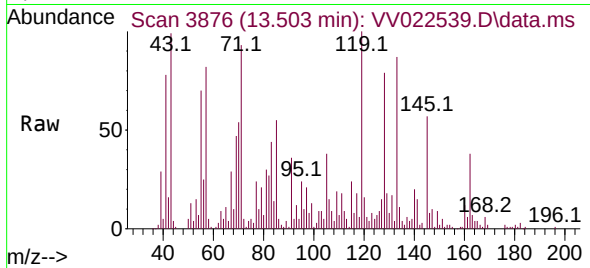




#71
Naphthalene
Concen: 3.897 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022539.D
Acq: 03 Oct 2021 03:10

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 37425
Ion Ratio Lower Upper
128 100
127 9.0 10.5 15.7#
129 0.0 8.7 13.1#



#72
1,2,3-Trichlorobenzene
Concen: 0.700 ug/L
RT: 13.766 min Scan# 3958
Delta R.T. 0.022 min
Lab File: VV022539.D
Acq: 03 Oct 2021 03:10

Tgt Ion:180 Resp: 2109
Ion Ratio Lower Upper
180 100
182 2.7 76.1 114.1#
145 3951.8 24.6 36.8#

