

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
 Data File : VV021951.D
 Acq On : 25 Aug 2021 16:00
 Operator : SY/MD
 Sample : M3526-07MEDL 5X
 Misc : 6.19g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 05:20:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 26 05:17:05 2021
 Response via : Initial Calibration

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

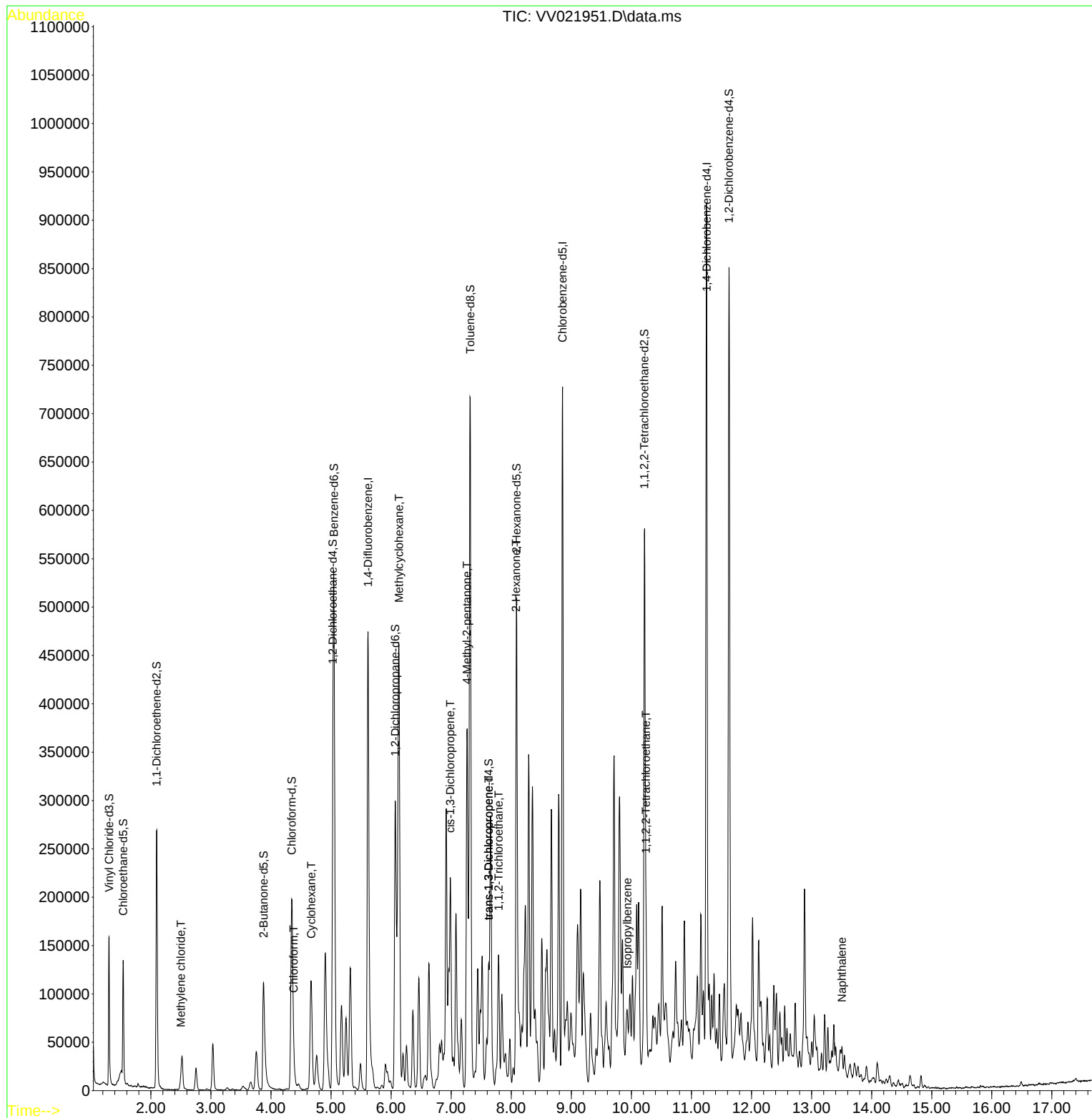
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	431854	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	408951	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	231194	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104341	30.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.820%
7) Chloroethane-d5	1.539	69	85070	33.391	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.780%#
11) 1,1-Dichloroethene-d2	2.095	63	138752	25.819	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.640%#
21) 2-Butanone-d5	3.876	46	175189	83.435	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.430%
24) Chloroform-d	4.346	84	206467	35.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.600%
26) 1,2-Dichloroethane-d4	5.031	65	140601	41.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.580%
32) Benzene-d6	5.047	84	477071	40.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.140%
36) 1,2-Dichloropropane-d6	6.069	67	151449	41.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.700%
41) Toluene-d8	7.317	98	459832	42.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.622	79	67757	37.594	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.180%
47) 2-Hexanone-d5	8.088	63	121474	101.205	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.210%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	198211	43.676	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.360%
66) 1,2-Dichlorobenzene-d4	11.625	152	205183	42.884	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.760%
Target Compounds						Qvalue
16) Methylene chloride	2.500	84	4394	1.237	ug/L	84
25) Chloroform	4.378	83	16919	2.949	ug/L	93
29) Cyclohexane	4.670	56	36349	7.217	ug/L #	80
35) Methylcyclohexane	6.130	83	214009	40.562	ug/L	92
39) cis-1,3-Dichloropropene	6.986	75	4140	0.820	ug/L #	47
40) 4-Methyl-2-pentanone	7.265	43	16880	3.851	ug/L #	45
44) trans-1,3-Dichloropropene	7.622	75	2987	0.628	ug/L #	70
45) 1,1,2-Trichloroethane	7.789	97	53917	16.890	ug/L #	20
48) 2-Hexanone	8.082	43	79227	23.334	ug/L #	31
57) 1,1,2,2-Tetrachloroethane	10.243	83	13643	3.070	ug/L #	40
60) Isopropylbenzene	9.934	105	18751	1.210	ug/L	97
71) Naphthalene	13.506	128	20432	1.541	ug/L #	96

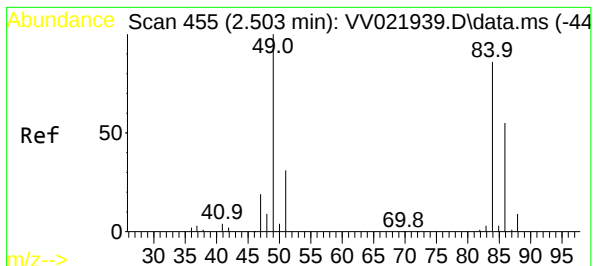
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
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QLast Update : Thu Aug 26 05:17:05 2021
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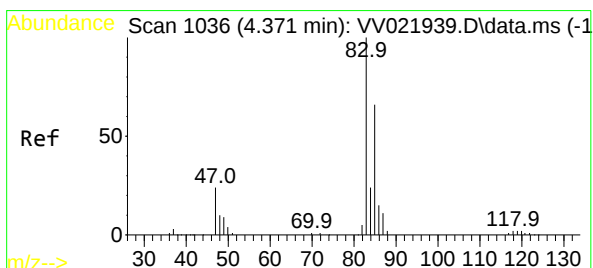
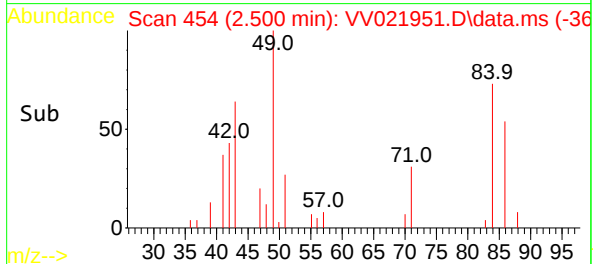
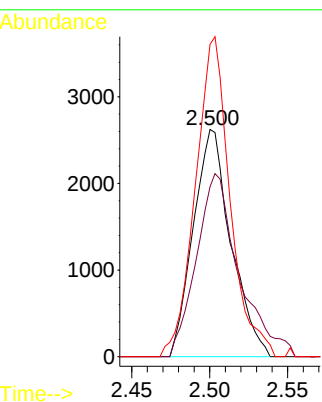
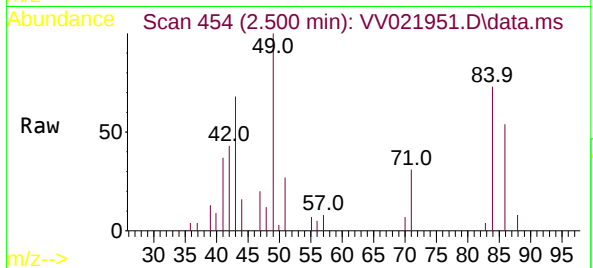




#16
Methylene chloride
Concen: 1.237 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV021951.D
Acq: 25 Aug 2021 16:00

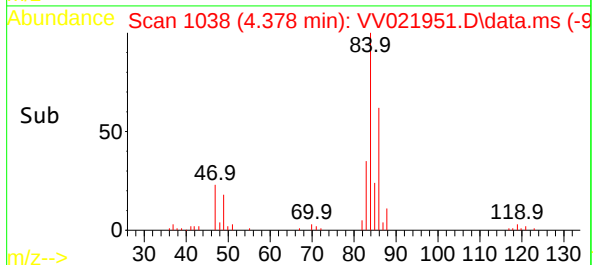
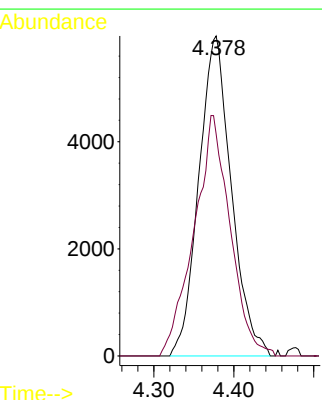
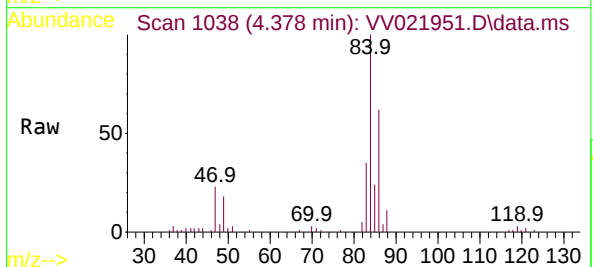
Instrument :
MSVOA_V
ClientSampleId :

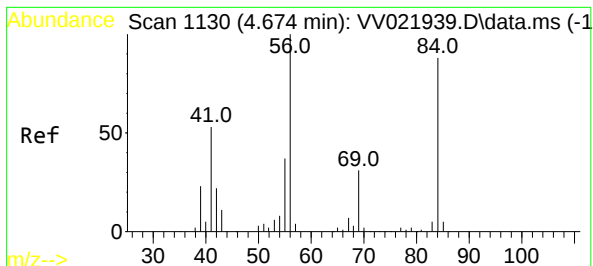
Tgt Ion:	84	Resp:	4394
Ion	Ratio	Lower	Upper
84	100		
86	74.8	44.7	83.1
49	137.5	82.5	153.3



#25
Chloroform
Concen: 2.949 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021951.D
Acq: 25 Aug 2021 16:00

Tgt Ion:	83	Resp:	16919
Ion	Ratio	Lower	Upper
83	100		
85	69.4	44.8	83.2





#29

Cyclohexane

Concen: 7.217 ug/L

RT: 4.670 min Scan# 1129

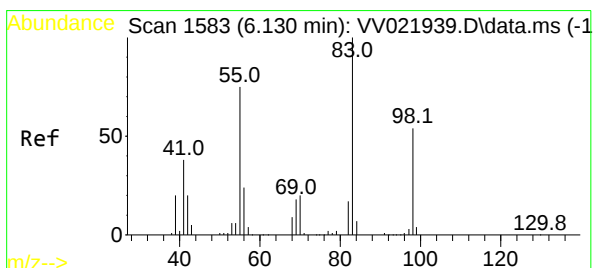
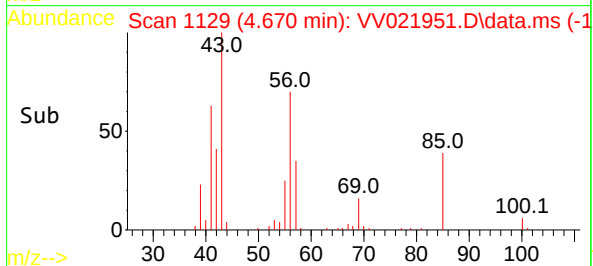
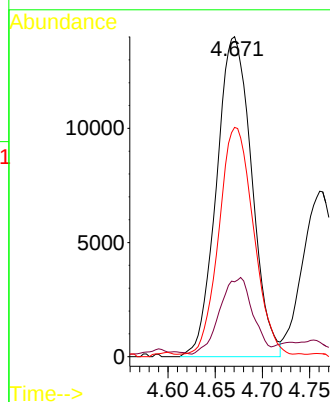
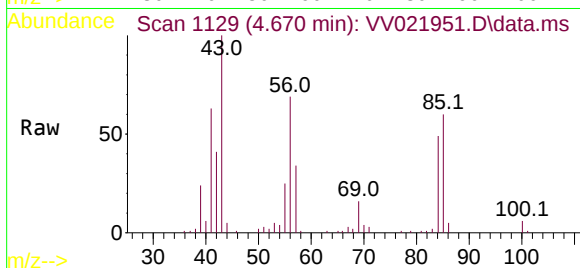
Delta R.T. -0.003 min

Lab File: VV021951.D

Acq: 25 Aug 2021 16:00

Tgt Ion:	56	Resp:	36349
Ion	Ratio	Lower	Upper
56	100		
69	22.3	24.9	37.3#
84	70.4	72.6	109.0#

Instrument :
MSVOA_V
ClientSampleId :



#35

Methylcyclohexane

Concen: 40.562 ug/L

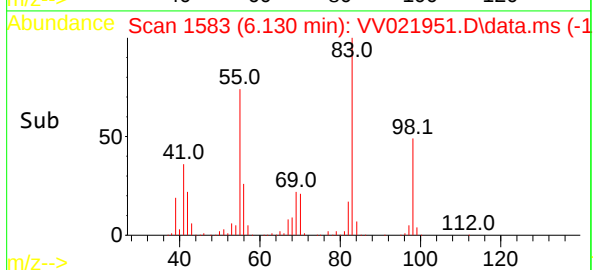
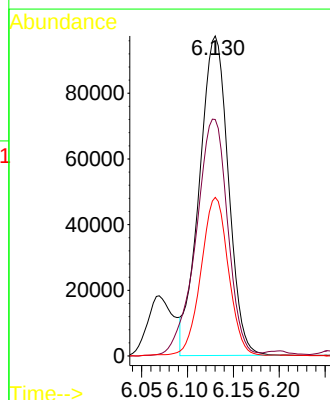
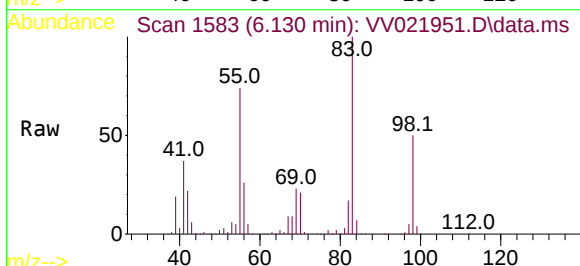
RT: 6.130 min Scan# 1583

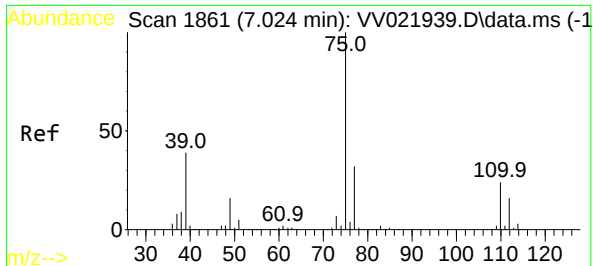
Delta R.T. -0.000 min

Lab File: VV021951.D

Acq: 25 Aug 2021 16:00

Tgt Ion:	83	Resp:	214009
Ion	Ratio	Lower	Upper
83	100		
55	81.2	57.9	86.9
98	46.7	39.9	59.9

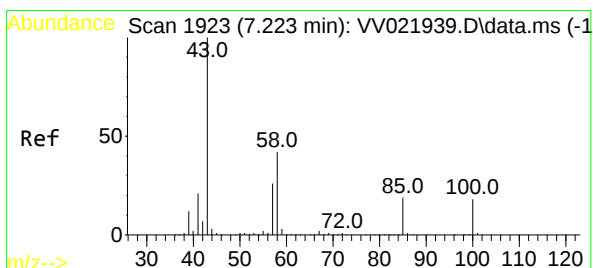
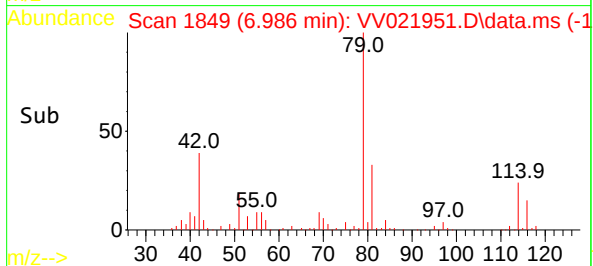
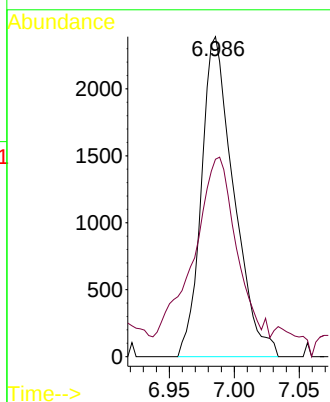
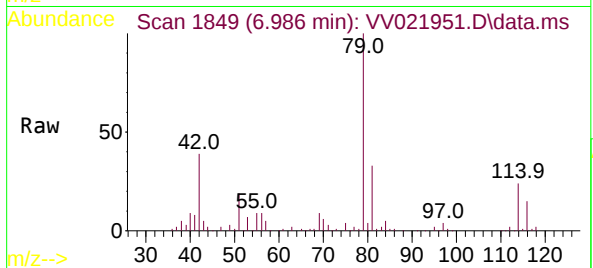




#39
cis-1,3-Dichloropropene
Concen: 0.820 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.039 min
Lab File: VV021951.D
Acq: 25 Aug 2021 16:00

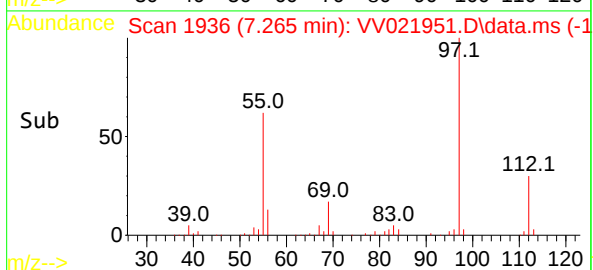
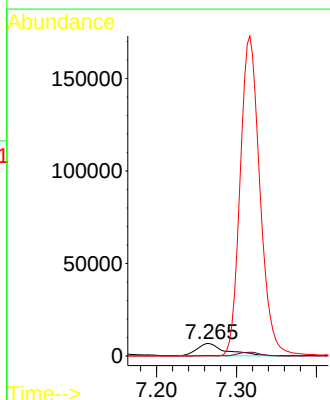
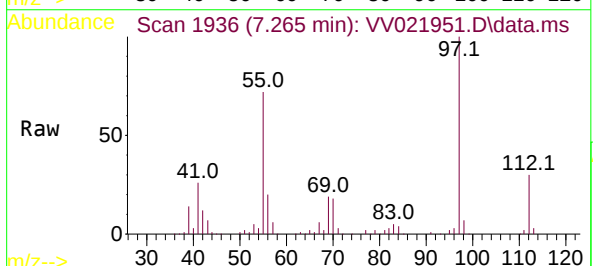
Instrument :
MSVOA_V
ClientSampled :

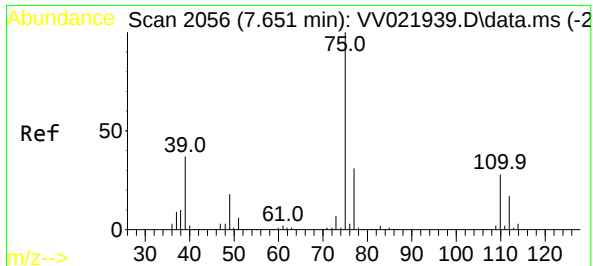
Tgt Ion: 75 Resp: 4140
Ion Ratio Lower Upper
75 100
77 61.7 22.5 41.9#



#40
4-Methyl-2-pentanone
Concen: 3.851 ug/L
RT: 7.265 min Scan# 1936
Delta R.T. 0.042 min
Lab File: VV021951.D
Acq: 25 Aug 2021 16:00

Tgt Ion: 43 Resp: 16880
Ion Ratio Lower Upper
43 100
58 3.0 32.9 49.3#
100 0.0 14.0 21.0#

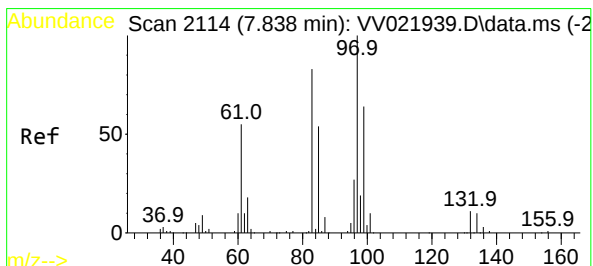
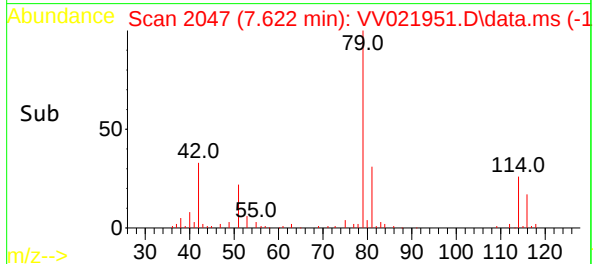
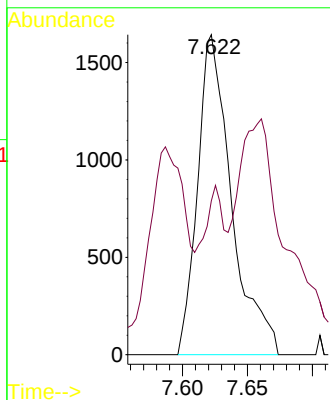
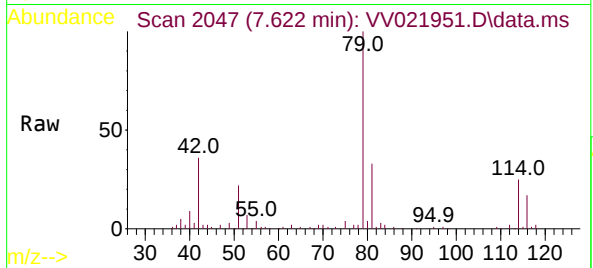




#44
trans-1,3-Dichloropropene
Concen: 0.628 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021951.D
Acq: 25 Aug 2021 16:00

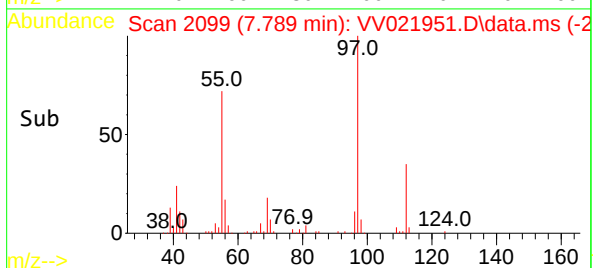
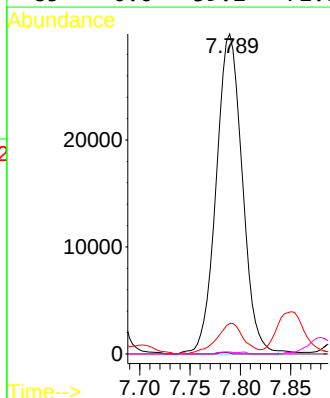
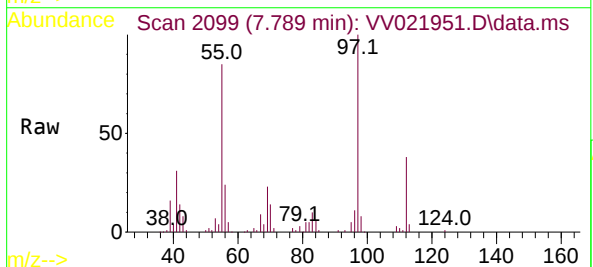
Instrument :
MSVOA_V
ClientSampled :

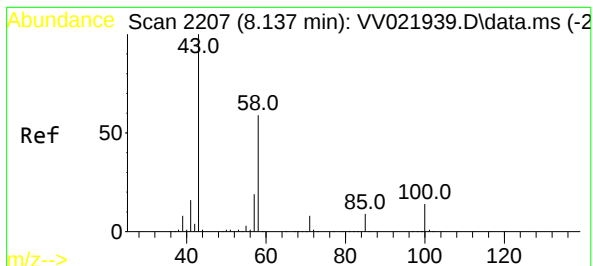
Tgt Ion: 75 Resp: 2987
Ion Ratio Lower Upper
75 100
77 48.1 22.2 41.2#



#45
1,1,2-Trichloroethane
Concen: 16.890 ug/L
RT: 7.789 min Scan# 2099
Delta R.T. -0.048 min
Lab File: VV021951.D
Acq: 25 Aug 2021 16:00

Tgt Ion: 97 Resp: 53917
Ion Ratio Lower Upper
97 100
99 0.4 44.2 82.0#
83 9.6 59.2 110.0#
85 0.6 39.2 72.8#





#48

2-Hexanone

Concen: 23.334 ug/L

RT: 8.082 min Scan# 2190

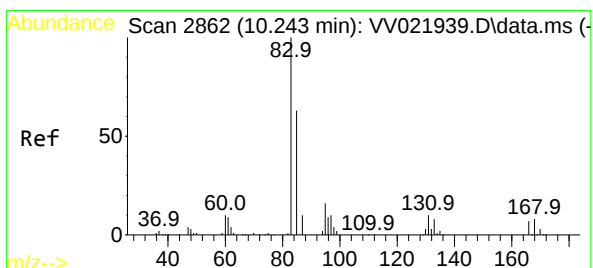
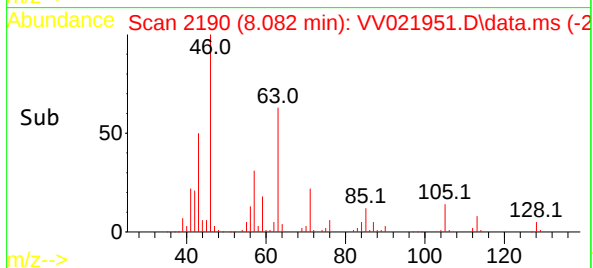
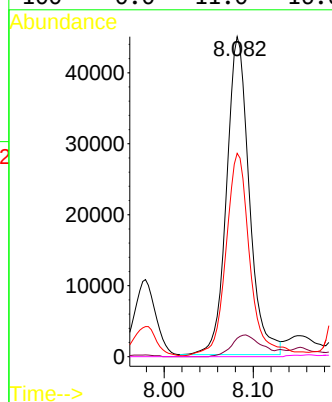
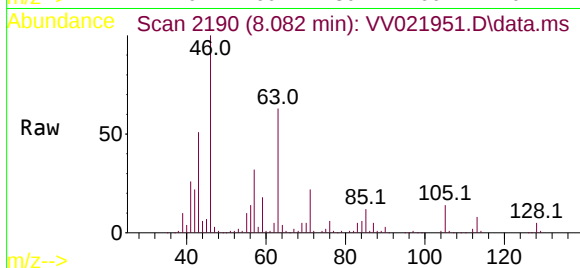
Delta R.T. -0.055 min

Lab File: VV021951.D

Acq: 25 Aug 2021 16:00

Tgt Ion:	43	Resp:	79227
Ion	Ratio	Lower	Upper
43	100		
58	8.8	45.4	68.2#
57	65.9	15.3	22.9#
100	0.0	11.0	16.6#

Instrument :
MSVOA_V
ClientSampleId :



#57

1,1,2,2-Tetrachloroethane

Concen: 3.070 ug/L

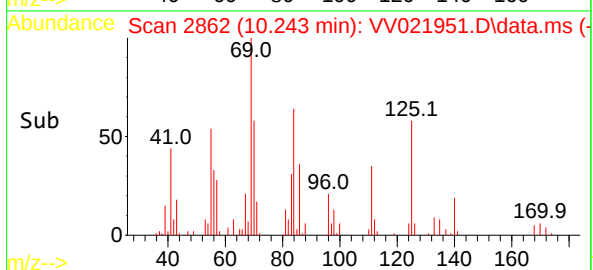
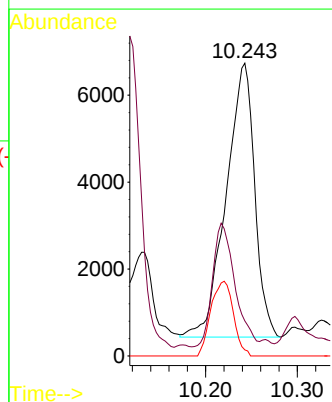
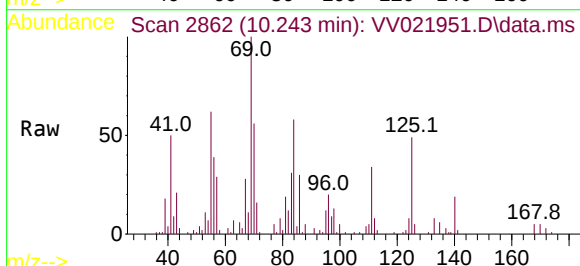
RT: 10.243 min Scan# 2862

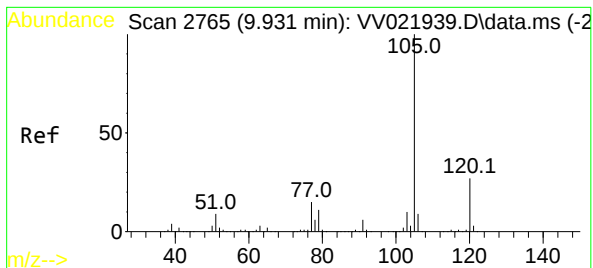
Delta R.T. 0.000 min

Lab File: VV021951.D

Acq: 25 Aug 2021 16:00

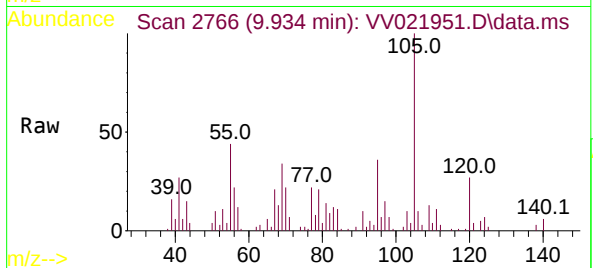
Tgt Ion:	83	Resp:	13643
Ion	Ratio	Lower	Upper
83	100		
85	12.0	44.4	82.5#
131	2.1	7.9	11.9#



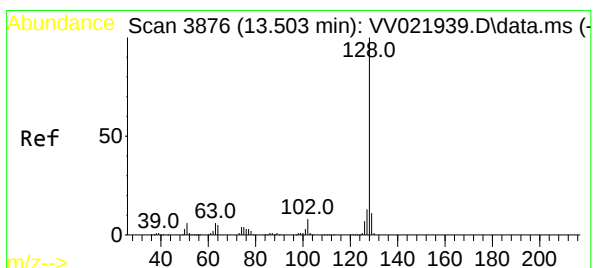
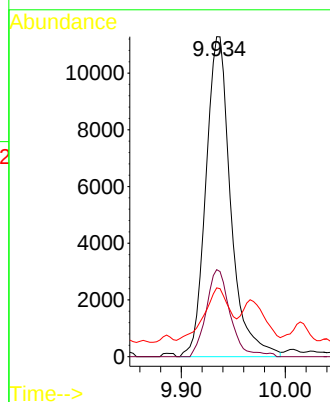
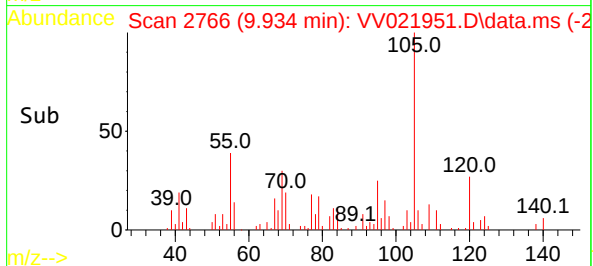


#60
Isopropylbenzene
Concen: 1.210 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021951.D
Acq: 25 Aug 2021 16:00

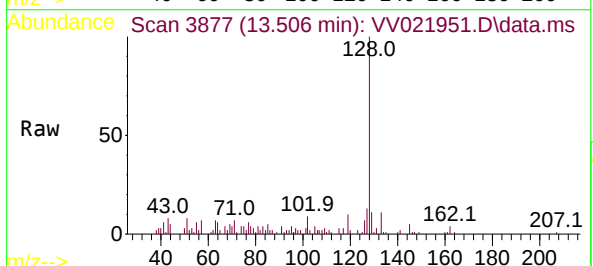
Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:105 Resp: 18751
Ion Ratio Lower Upper
105 100
120 25.5 21.3 31.9
77 17.3 11.8 17.8



#71
Naphthalene
Concen: 1.541 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021951.D
Acq: 25 Aug 2021 16:00



Tgt Ion:128 Resp: 20432
Ion Ratio Lower Upper
128 100
127 12.0 10.0 15.0
129 13.2 8.5 12.7#

