

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102521\
 Data File : VW023029.D
 Acq On : 25 Oct 2021 13:10
 Operator : SY/MD
 Sample : M4070-01ME
 Misc : 4.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 26 00:55:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 26 00:54:34 2021
 Response via : Initial Calibration

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

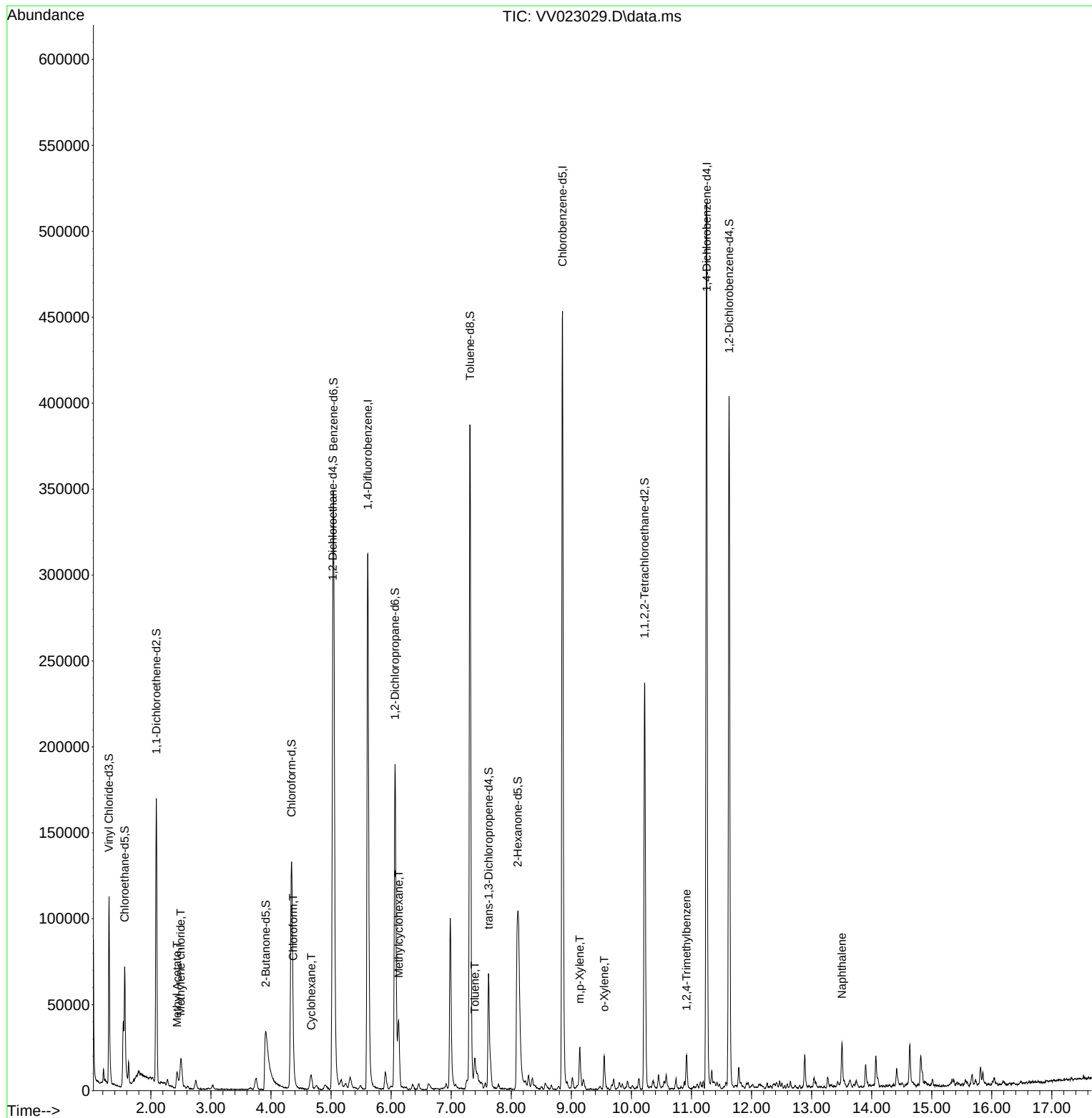
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	280299	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	270272	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	137811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76825	44.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.640%
7) Chloroethane-d5	1.565	69	48787	35.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.092	63	86180	25.213	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.420%#
21) 2-Butanone-d5	3.912	46	100885	105.725	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.720%
24) Chloroform-d	4.343	84	139719	44.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.220%
26) 1,2-Dichloroethane-d4	5.027	65	89645	48.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.580%
32) Benzene-d6	5.040	84	300501	47.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.980%
36) 1,2-Dichloropropane-d6	6.066	67	95322	49.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.900%
41) Toluene-d8	7.313	98	259183	45.127	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.260%
43) trans-1,3-Dichloroprop...	7.622	79	40467	44.373	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.740%
47) 2-Hexanone-d5	8.108	63	68603	85.916	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	121925	45.489	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.980%
66) 1,2-Dichlorobenzene-d4	11.628	152	108342	48.209	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.420%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.436	43	15948	7.253	ug/L	96
16) Methylene chloride	2.497	84	6119	2.487	ug/L	92
25) Chloroform	4.368	83	5996	1.567	ug/L	96
29) Cyclohexane	4.670	56	3831	1.216	ug/L	98
35) Methylcyclohexane	6.127	83	14435	4.369	ug/L	90
42) Toluene	7.394	91	12275	1.396	ug/L	99
53) m,p-Xylene	9.140	106	6939	1.914	ug/L	95
54) o-Xylene	9.548	106	5009	1.418	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	9033	1.231	ug/L	99
71) Naphthalene	13.506	128	18816	1.923	ug/L #	96

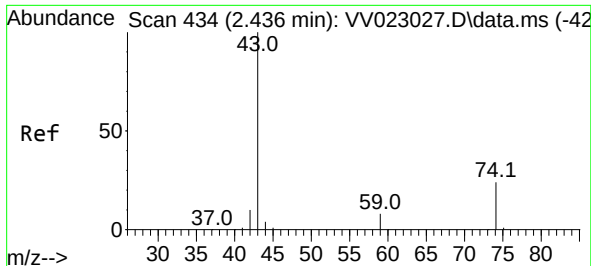
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
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Acq On : 25 Oct 2021 13:10
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Misc : 4.92g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 26 00:55:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 26 00:54:34 2021
Response via : Initial Calibration

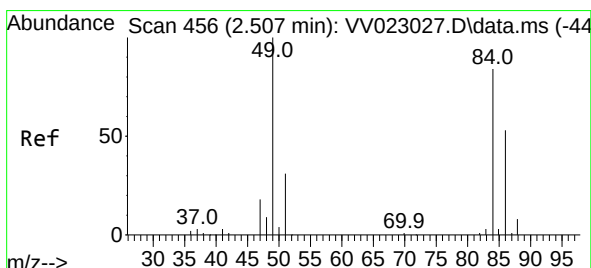
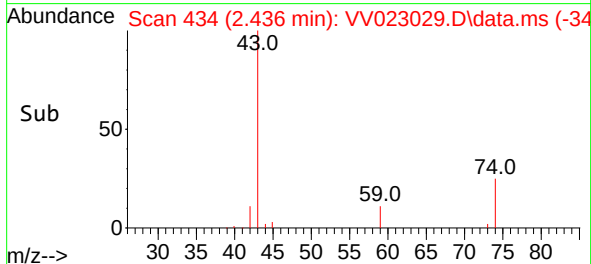
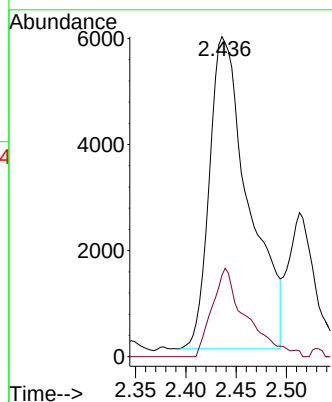
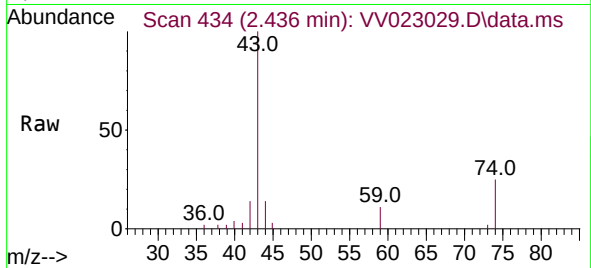




#15
Methyl Acetate
Concen: 7.253 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.000 min
Lab File: VV023029.D
Acq: 25 Oct 2021 13:10

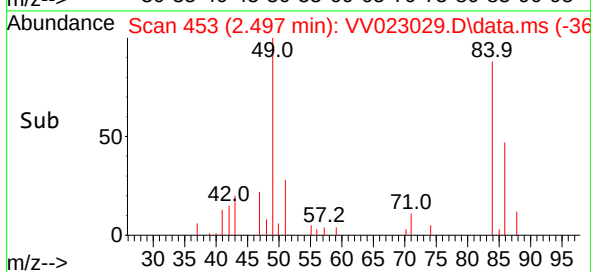
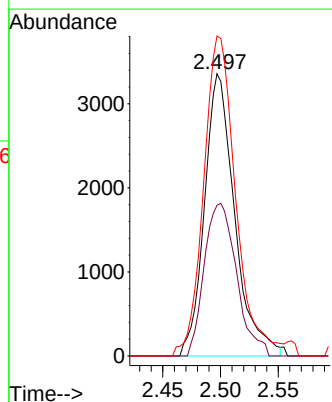
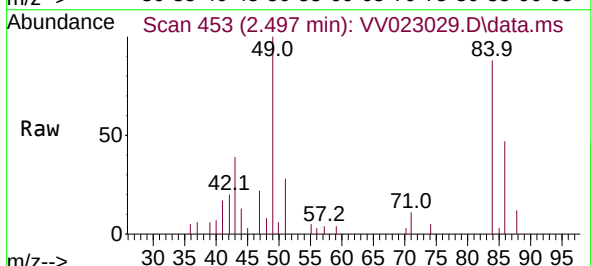
Instrument :
MSVOA_V
ClientSampleId :

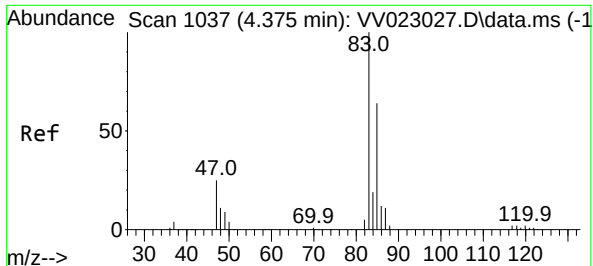
Tgt Ion: 43 Resp: 15948
Ion Ratio Lower Upper
43 100
74 23.7 20.6 30.8



#16
Methylene chloride
Concen: 2.487 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.010 min
Lab File: VV023029.D
Acq: 25 Oct 2021 13:10

Tgt Ion: 84 Resp: 6119
Ion Ratio Lower Upper
84 100
86 53.4 45.6 84.6
49 113.4 82.7 153.7





#25

Chloroform

Concen: 1.567 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VV023029.D

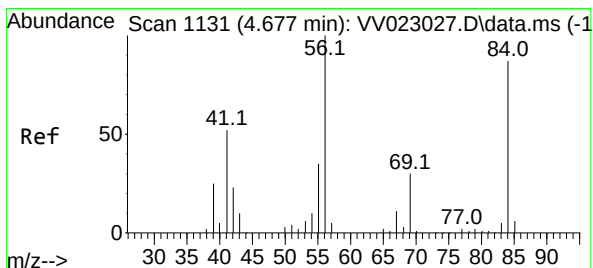
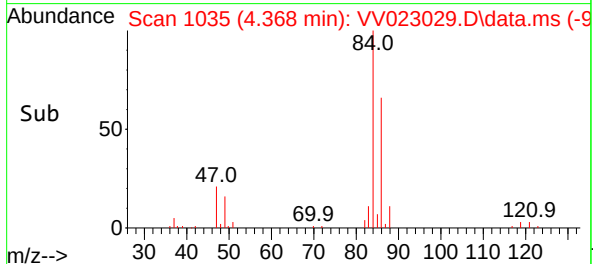
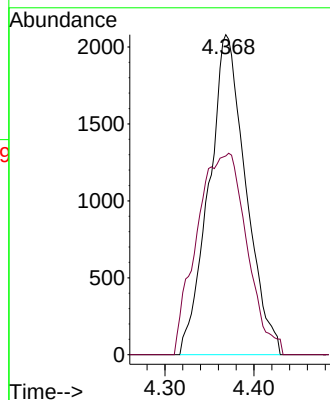
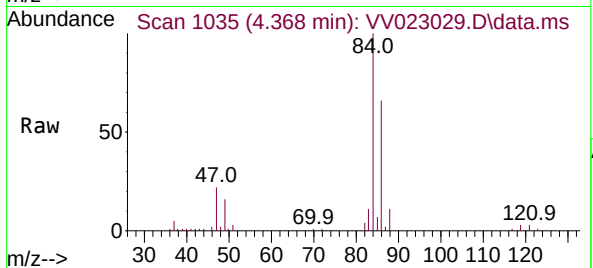
Acq: 25 Oct 2021 13:10

Tgt Ion: 83 Resp: 5996

Ion Ratio Lower Upper

83 100

85 62.1 45.8 85.0



#29

Cyclohexane

Concen: 1.216 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VV023029.D

Acq: 25 Oct 2021 13:10

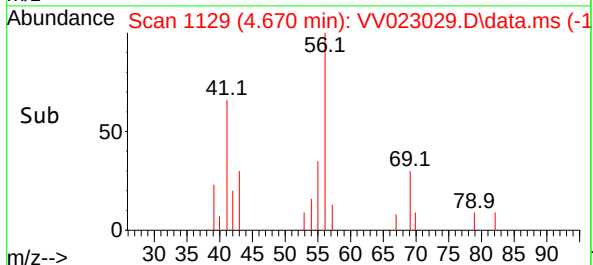
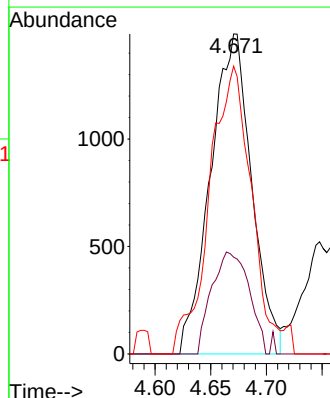
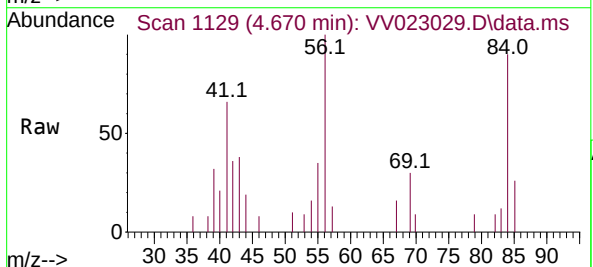
Tgt Ion: 56 Resp: 3831

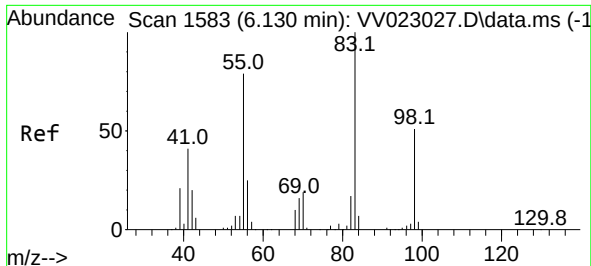
Ion Ratio Lower Upper

56 100

69 28.8 24.9 37.3

84 90.9 73.9 110.9

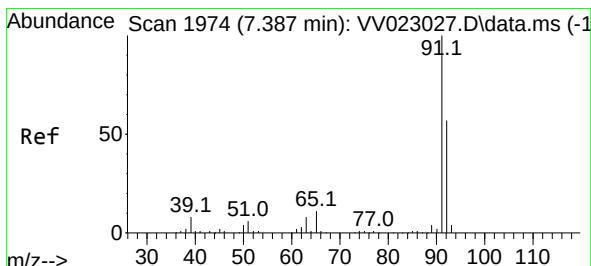
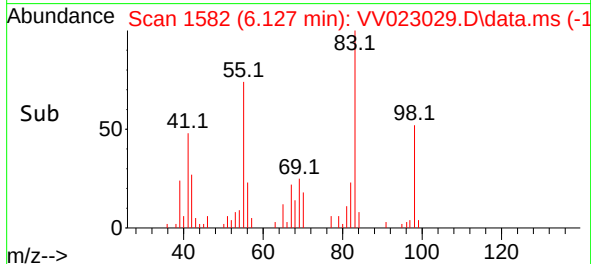
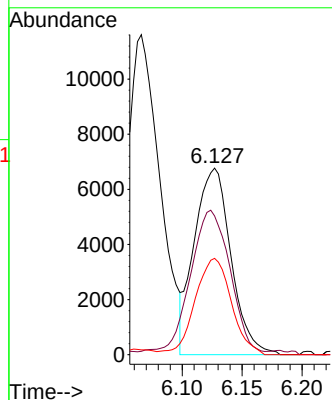
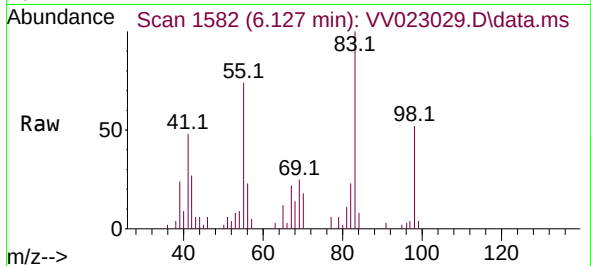




#35
Methylcyclohexane
Concen: 4.369 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV023029.D
Acq: 25 Oct 2021 13:10

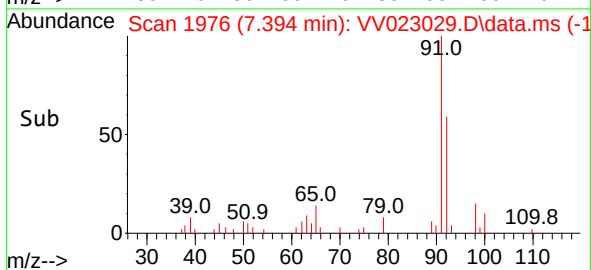
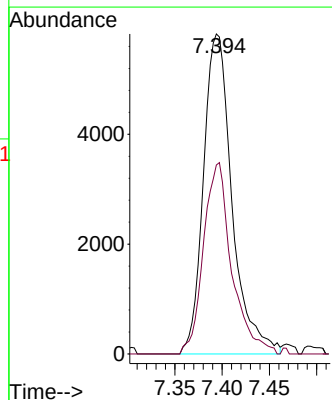
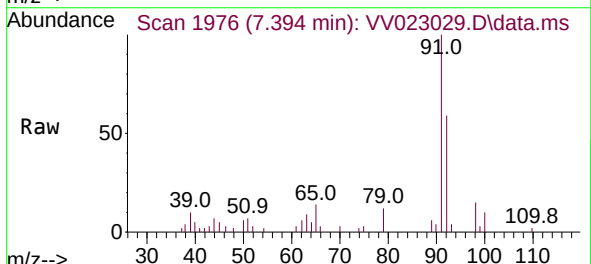
Instrument :
MSVOA_V
ClientSampled :

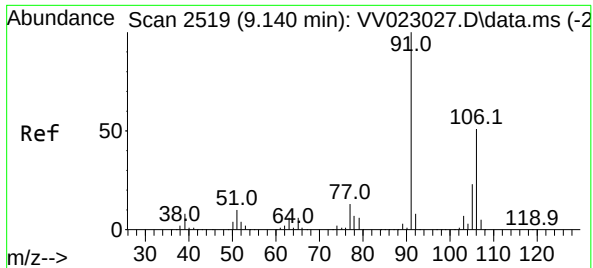
Tgt Ion: 83 Resp: 14435
Ion Ratio Lower Upper
83 100
55 84.8 56.7 85.1
98 51.0 40.6 60.8



#42
Toluene
Concen: 1.396 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV023029.D
Acq: 25 Oct 2021 13:10

Tgt Ion: 91 Resp: 12275
Ion Ratio Lower Upper
91 100
92 59.0 40.6 75.4

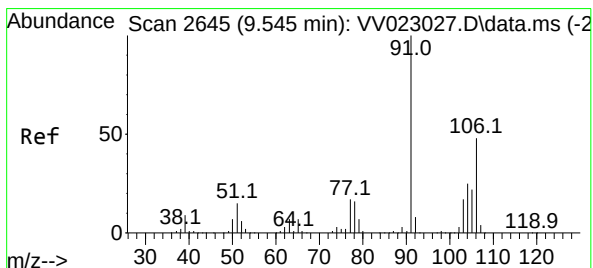
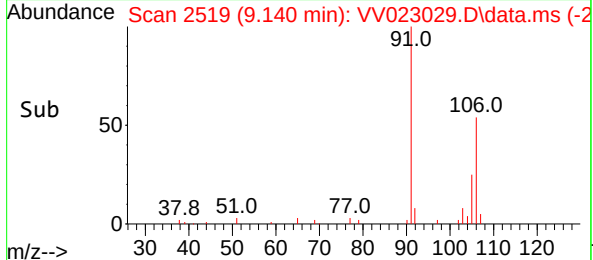
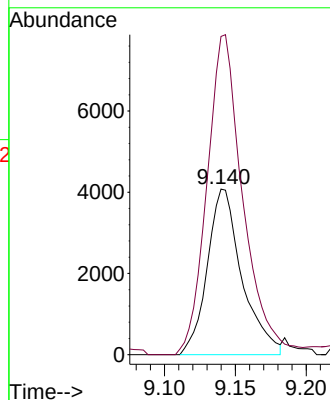
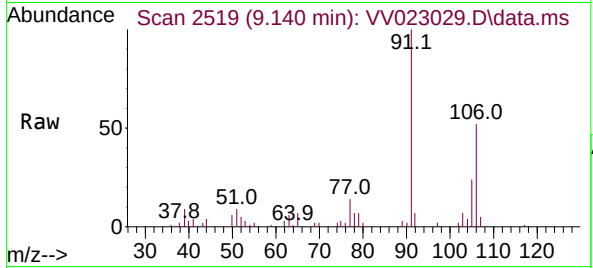




#53
m,p-Xylene
Concen: 1.914 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023029.D
Acq: 25 Oct 2021 13:10

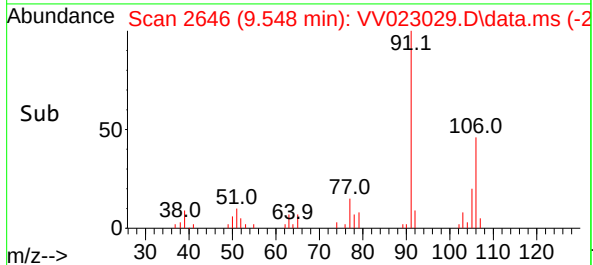
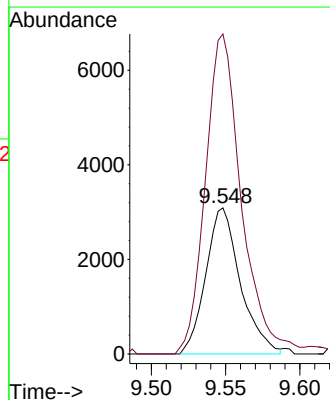
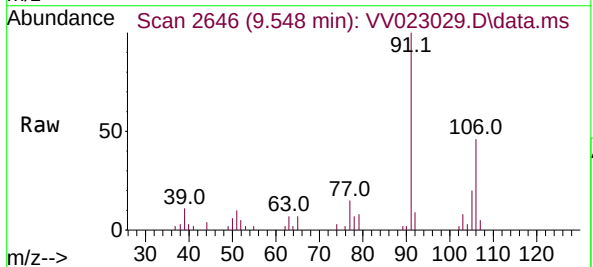
Instrument :
MSVOA_V
ClientSampled :

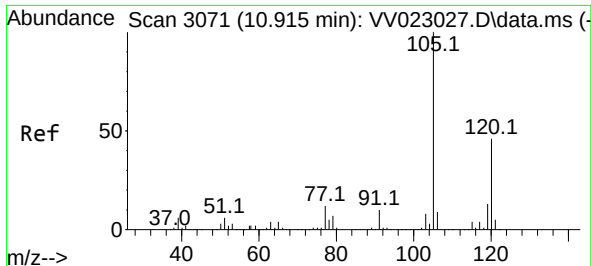
Tgt Ion:106 Resp: 6939
Ion Ratio Lower Upper
106 100
91 192.1 139.4 258.8



#54
o-Xylene
Concen: 1.418 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023029.D
Acq: 25 Oct 2021 13:10

Tgt Ion:106 Resp: 5009
Ion Ratio Lower Upper
106 100
91 219.0 148.7 276.1

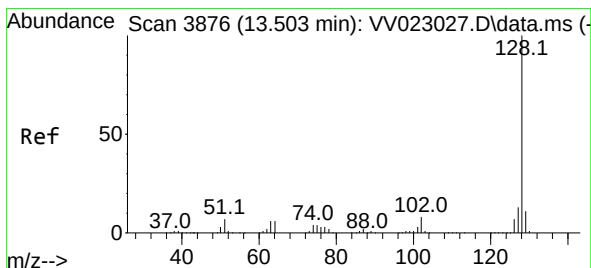
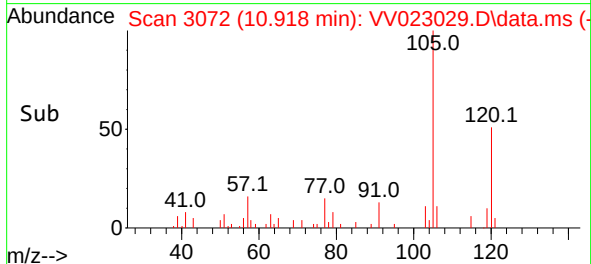
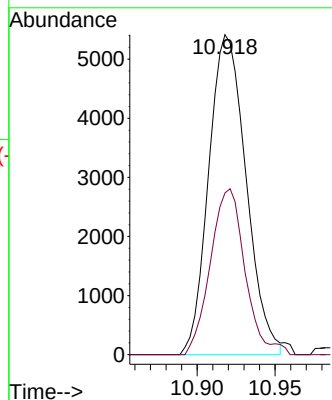
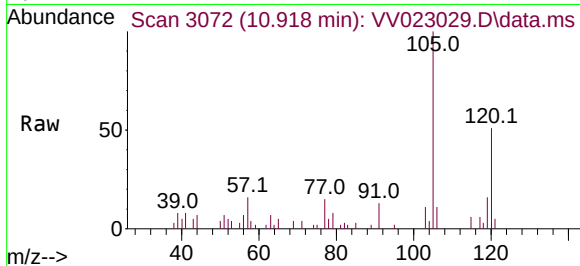




#63
1,2,4-Trimethylbenzene
Concen: 1.231 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023029.D
Acq: 25 Oct 2021 13:10

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 9033
Ion Ratio Lower Upper
105 100
120 47.1 37.4 56.0



#71
Naphthalene
Concen: 1.923 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV023029.D
Acq: 25 Oct 2021 13:10

Tgt Ion:128 Resp: 18816
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 13.5 8.7 13.1#

