

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045333.D
 Acq On : 19 Oct 2021 16:44
 Operator : SY/MD
 Sample : VU1019WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 03:09:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:57:45 2021
 Response via : Initial Calibration

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

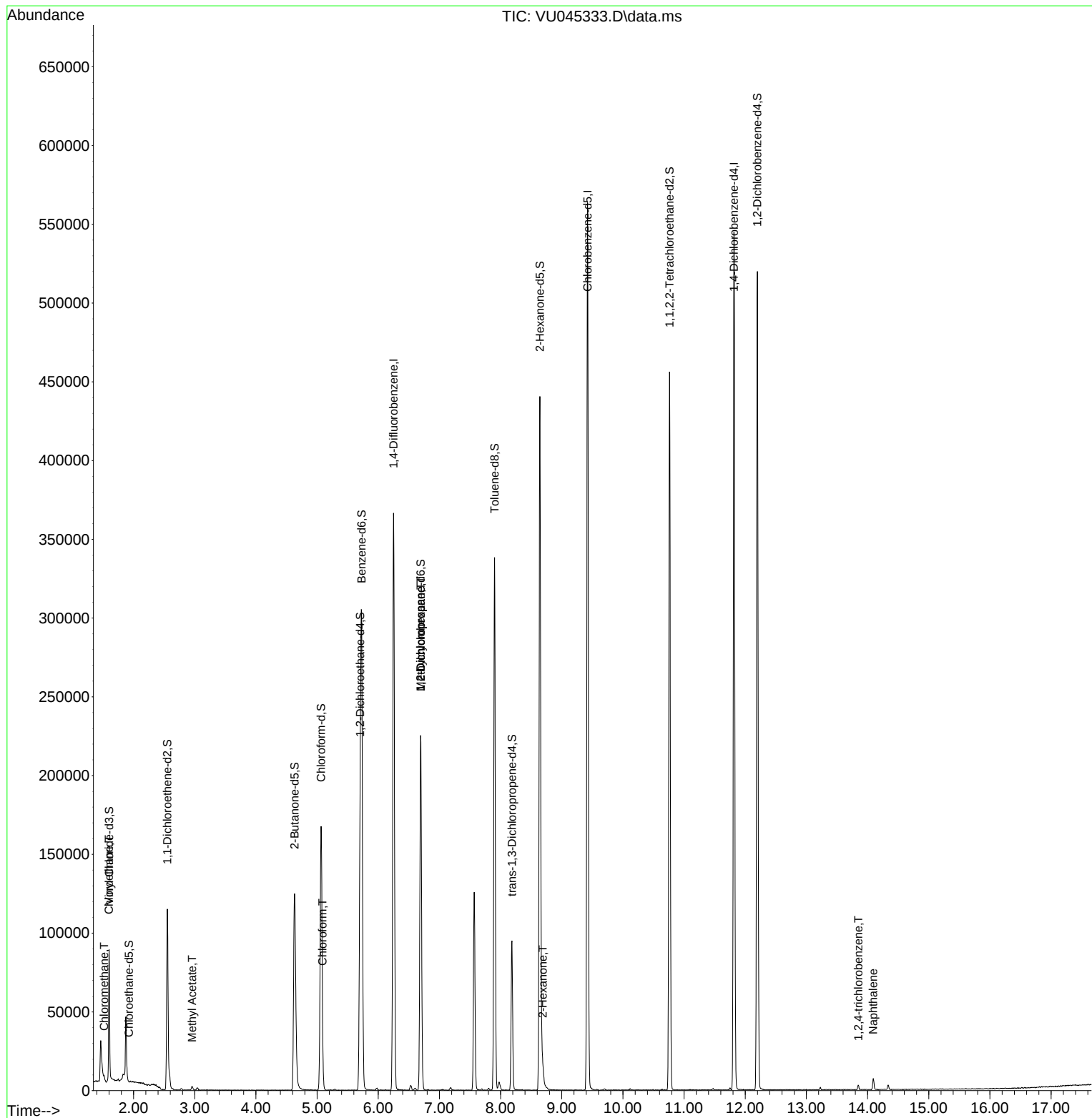
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	290360	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	300985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	137279	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	55383	43.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.580%
7) Chloroethane-d5	1.922	69	20	0.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.040%#
11) 1,1-Dichloroethene-d2	2.552	63	69970	27.782	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.560%#
21) 2-Butanone-d5	4.632	46	194088	102.799	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.800%
24) Chloroform-d	5.067	84	152797	45.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
26) 1,2-Dichloroethane-d4	5.703	65	110678	48.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
32) Benzene-d6	5.729	84	262534	46.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.740%
36) 1,2-Dichloropropane-d6	6.693	67	103597	47.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	7.902	98	216333	44.802	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.185	79	52374	46.887	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.780%
47) 2-Hexanone-d5	8.642	63	160891	116.523	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.520%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	230555	55.419	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.840%
66) 1,2-Dichlorobenzene-d4	12.198	152	127475	53.520	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1757	0.734	ug/L	97
8) Chloroethane	1.597	64	4637	2.786	ug/L	91
15) Methyl Acetate	2.954	43	2940	1.079	ug/L	91
25) Chloroform	5.089	83	4021	0.953	ug/L	92
35) Methylcyclohexane	6.693	83	24520	6.756	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	11521	4.521	ug/L #	88
48) 2-Hexanone	8.690	43	5277	1.608	ug/L #	84
70) 1,2,4-trichlorobenzene	13.848	180	1065	0.435	ug/L #	90
71) Naphthalene	14.092	128	6551	0.800	ug/L	98

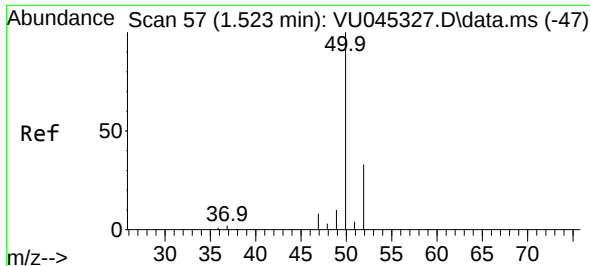
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_U
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
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QLast Update : Wed Oct 20 02:57:45 2021
Response via : Initial Calibration

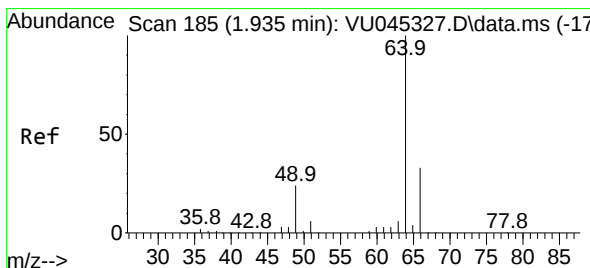
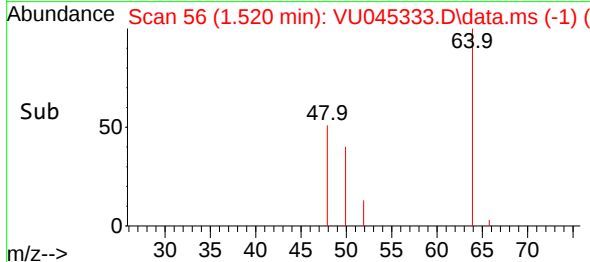
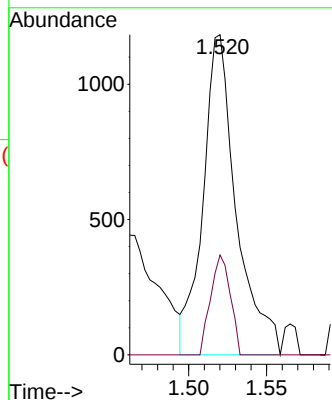
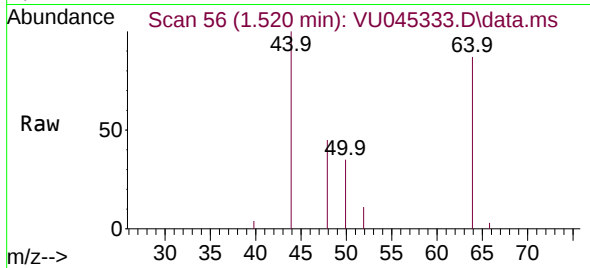




#3
Chloromethane
Concen: 0.734 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045333.D
Acq: 19 Oct 2021 16:44

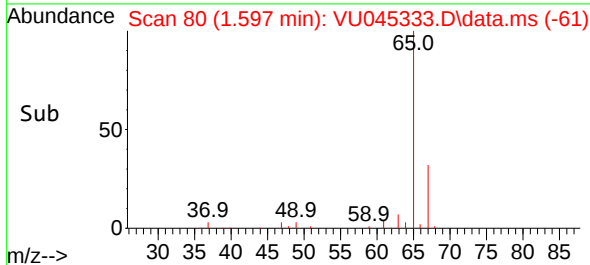
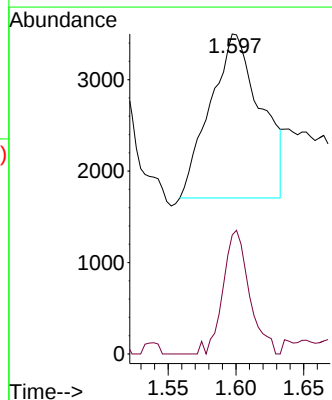
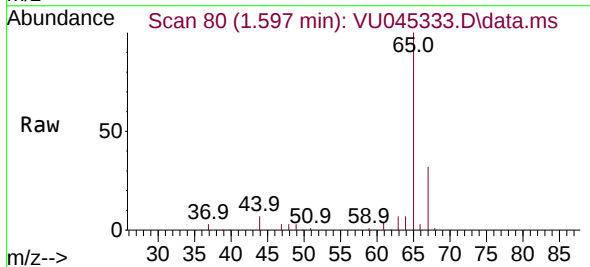
Instrument :
MSVOA_U
ClientSampled :

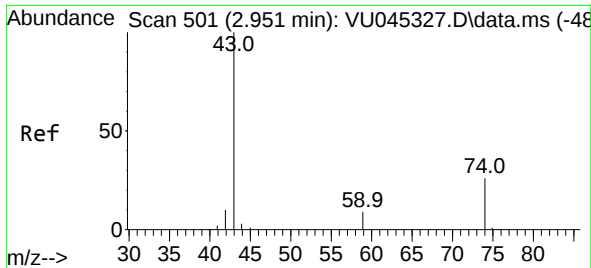
Tgt Ion: 50 Resp: 1757
Ion Ratio Lower Upper
50 100
52 31.2 23.2 43.0



#8
Chloroethane
Concen: 2.786 ug/L
RT: 1.597 min Scan# 80
Delta R.T. -0.338 min
Lab File: VU045333.D
Acq: 19 Oct 2021 16:44

Tgt Ion: 64 Resp: 4637
Ion Ratio Lower Upper
64 100
66 37.2 22.5 41.9

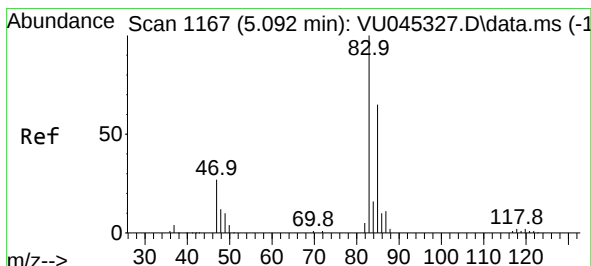
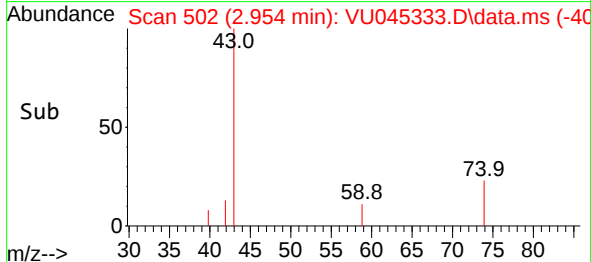
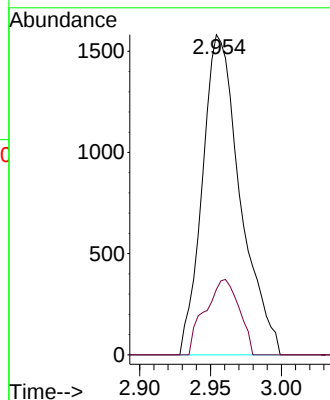
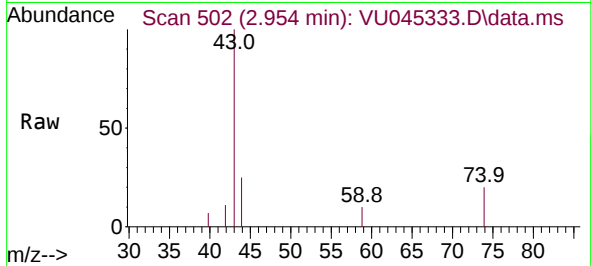




#15
Methyl Acetate
Concen: 1.079 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU045333.D
Acq: 19 Oct 2021 16:44

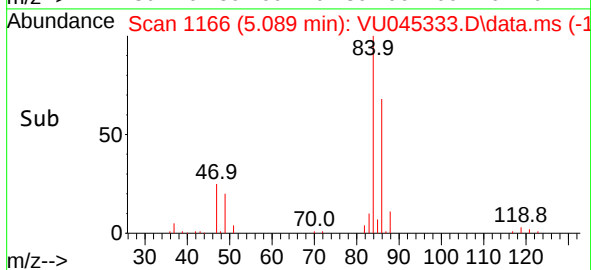
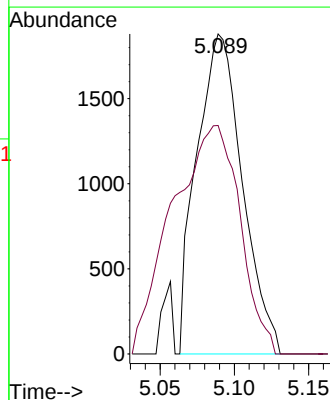
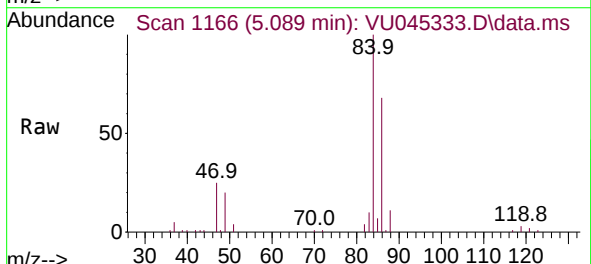
Instrument :
MSVOA_U
ClientSampled :

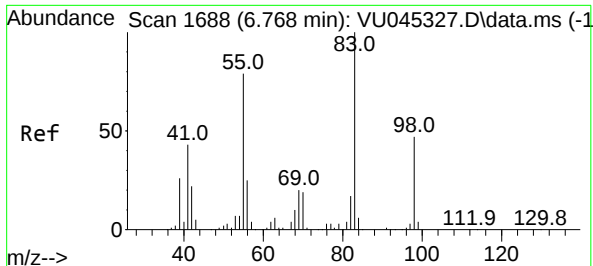
Tgt Ion: 43 Resp: 2940
Ion Ratio Lower Upper
43 100
74 21.1 20.5 30.7



#25
Chloroform
Concen: 0.953 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045333.D
Acq: 19 Oct 2021 16:44

Tgt Ion: 83 Resp: 4021
Ion Ratio Lower Upper
83 100
85 71.4 45.4 84.2





#35

Methylcyclohexane

Concen: 6.756 ug/L

RT: 6.693 min Scan# 1665

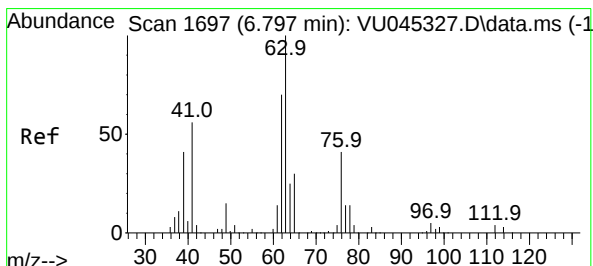
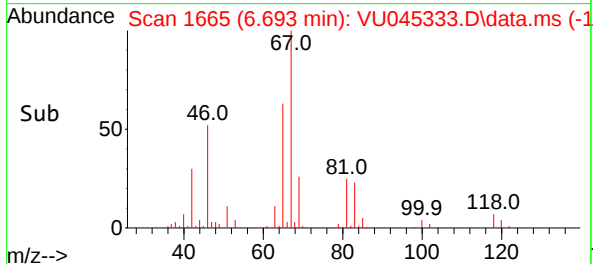
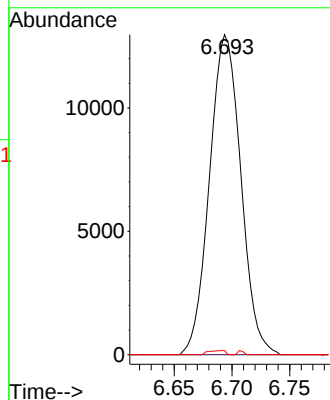
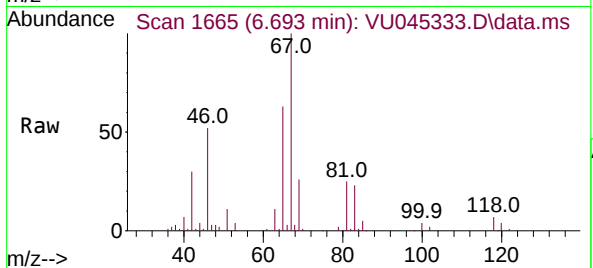
Delta R.T. -0.074 min

Lab File: VU045333.D

Acq: 19 Oct 2021 16:44

Tgt Ion:	83	Resp:	24520
Ion Ratio	Lower	Upper	
83	100		
55	0.0	63.4	95.0#
98	0.7	37.9	56.9#

Instrument :
MSVOA_U
ClientSampled :



#37

1,2-Dichloropropane

Concen: 4.521 ug/L

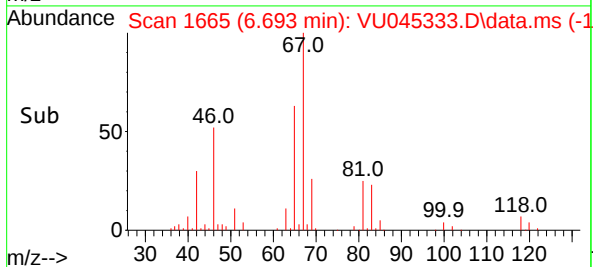
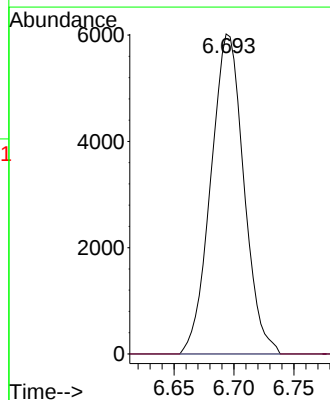
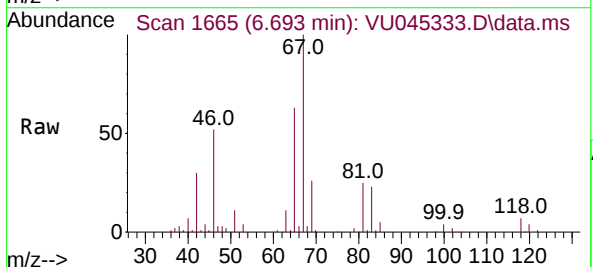
RT: 6.693 min Scan# 1665

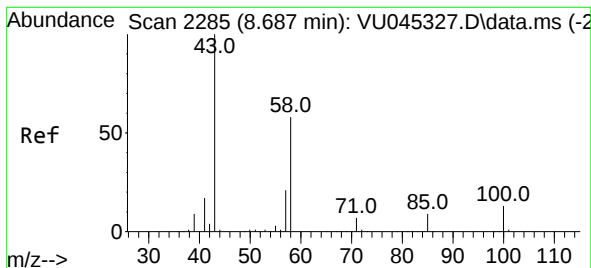
Delta R.T. -0.103 min

Lab File: VU045333.D

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Tgt Ion:	63	Resp:	11521
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#

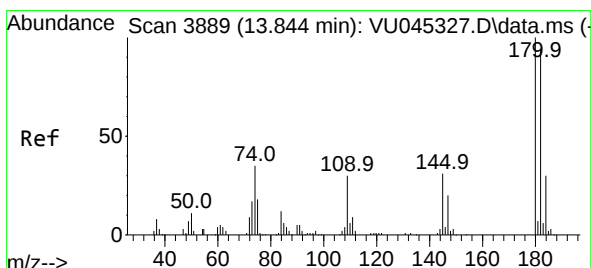
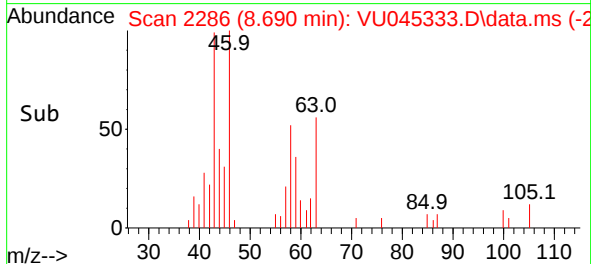
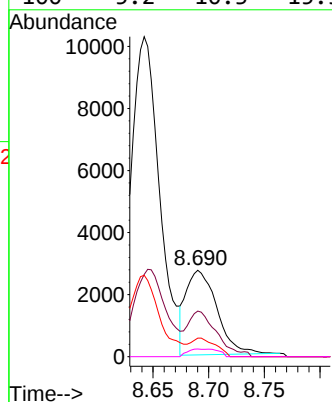
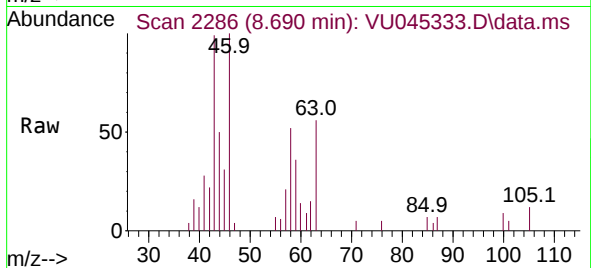




#48
2-Hexanone
Concen: 1.608 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045333.D
Acq: 19 Oct 2021 16:44

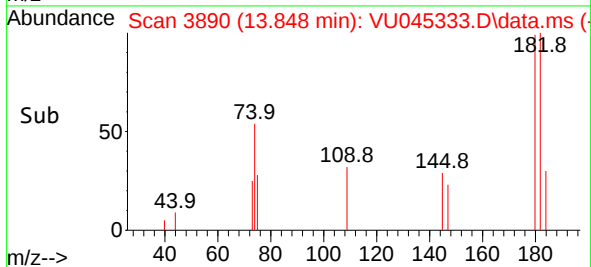
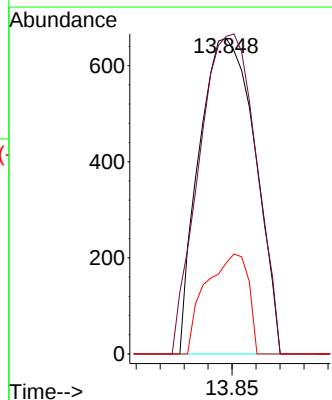
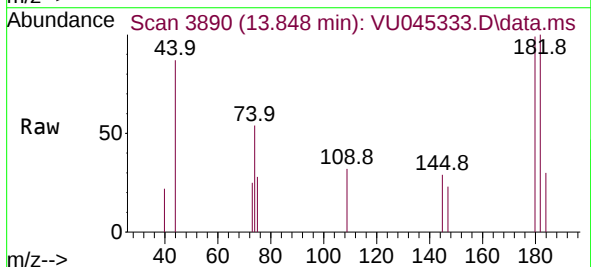
Instrument :
MSVOA_U
ClientSampled :

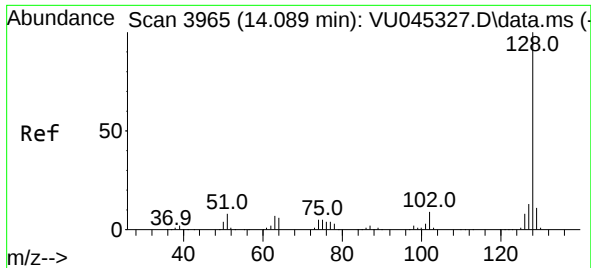
Tgt Ion: 43	Resp: 5277
Ion Ratio	Lower Upper
43	100
58	43.6 45.4 68.0#
57	17.0 16.0 24.0
100	5.2 10.3 15.5#



#70
1,2,4-trichlorobenzene
Concen: 0.435 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045333.D
Acq: 19 Oct 2021 16:44

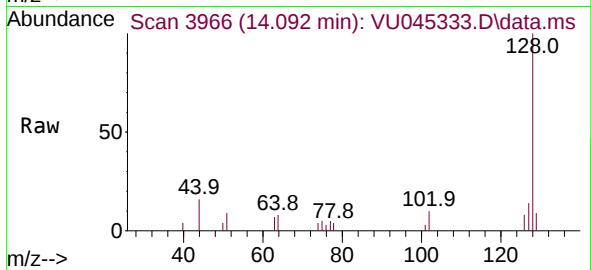
Tgt Ion: 180	Resp: 1065
Ion Ratio	Lower Upper
180	100
182	102.9 75.7 113.5
145	23.9 25.1 37.7#





#71
Naphthalene
Concen: 0.800 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045333.D
Acq: 19 Oct 2021 16:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 6551
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 9.8 8.6 13.0

