

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045219.D
 Acq On : 07 Oct 2021 19:40
 Operator : SY/MD
 Sample : M4023-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 22:20:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

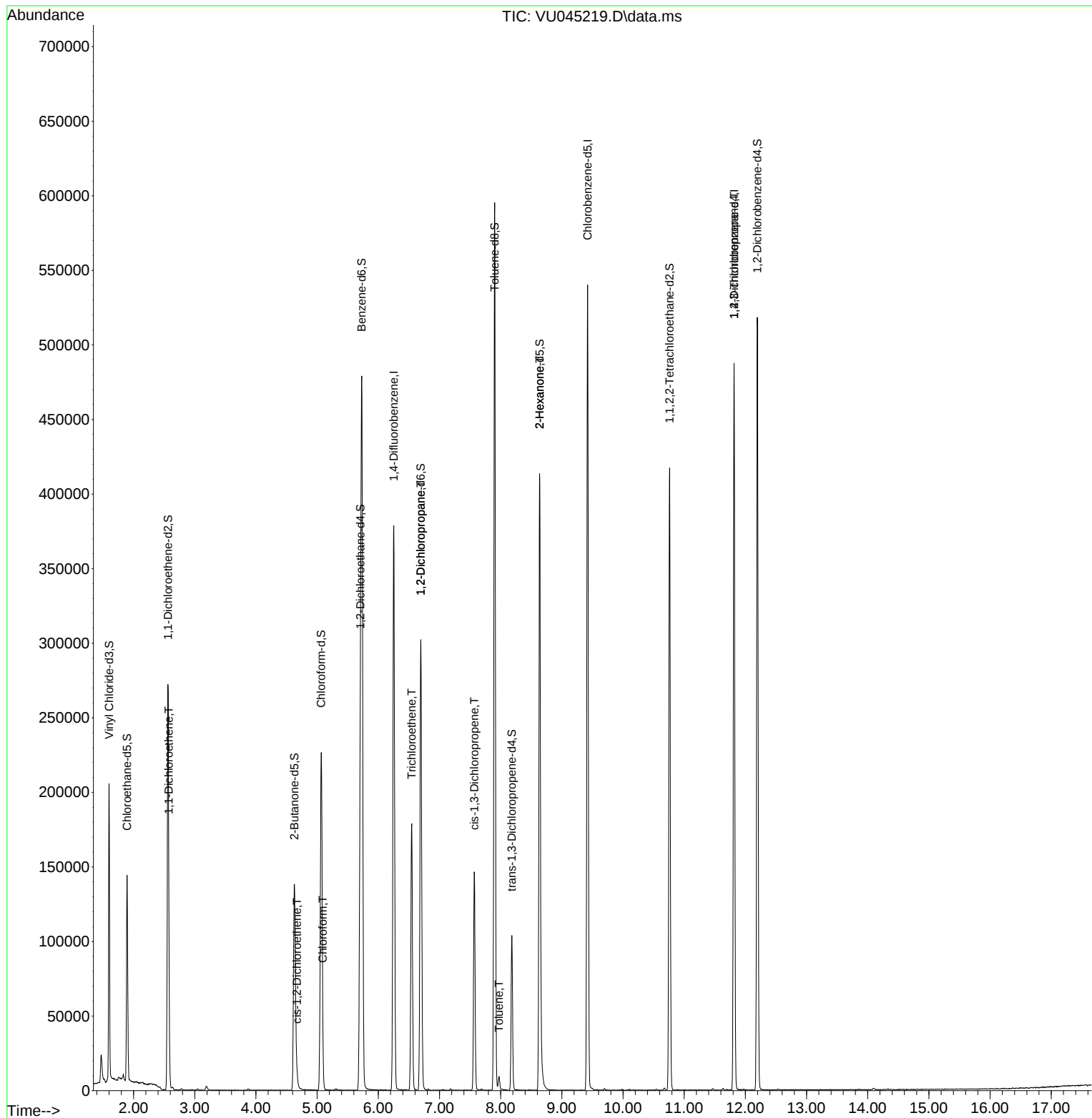
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291589	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	278285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	120265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131025	41.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.100%
7) Chloroethane-d5	1.893	69	103935	41.089	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.180%
11) 1,1-Dichloroethene-d2	2.562	63	164633	30.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.420%
21) 2-Butanone-d5	4.626	46	197829	78.393	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.390%
24) Chloroform-d	5.066	84	204714	40.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.220%
26) 1,2-Dichloroethane-d4	5.706	65	144789	42.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.800%
32) Benzene-d6	5.729	84	427460	44.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.540%
36) 1,2-Dichloropropane-d6	6.693	67	137232	43.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.160%
41) Toluene-d8	7.902	98	376676	45.201	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.182	79	54843	39.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.320%
47) 2-Hexanone-d5	8.635	63	140732	80.654	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.650%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	206136	42.043	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.080%
66) 1,2-Dichlorobenzene-d4	12.195	152	127003	48.524	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.040%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	4016	1.779	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	2196	0.838	ug/L	75
25) Chloroform	5.092	83	3055	0.621	ug/L	80
34) Trichloroethene	6.546	95	59128	23.850	ug/L	98
37) 1,2-Dichloropropane	6.693	63	16073	5.719	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3226	0.802	ug/L #	53
42) Toluene	7.973	91	6080	0.580	ug/L	100
48) 2-Hexanone	8.635	43	17184	4.128	ug/L #	71
60) 1,2,3-Trichloropropane	11.815	75	16992	5.108	ug/L #	68

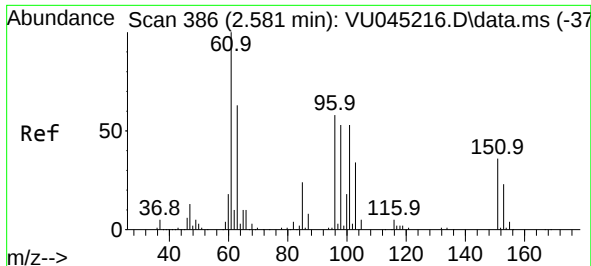
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 22:18:46 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.779 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.007 min

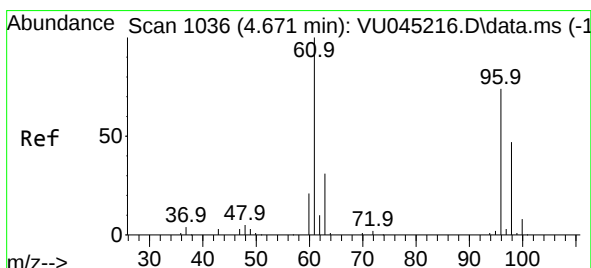
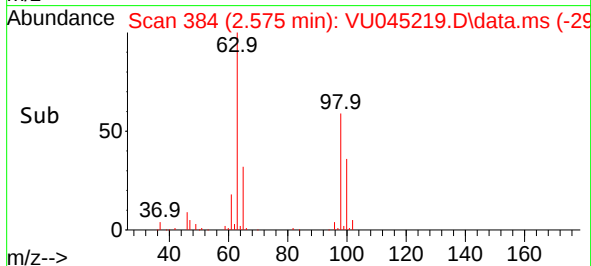
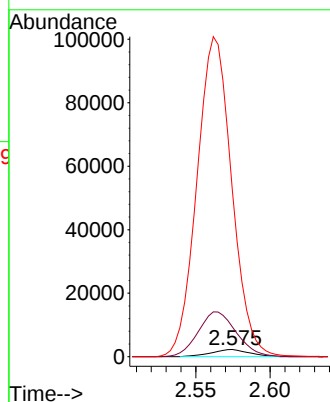
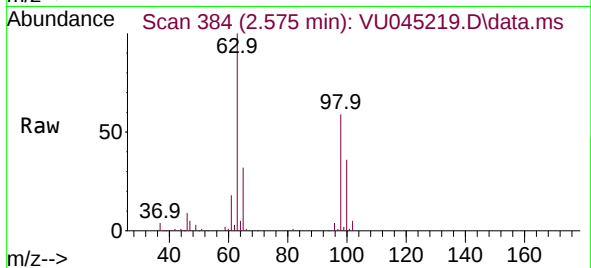
Lab File: VU045219.D

Acq: 07 Oct 2021 19:40

Tgt Ion: 96 Resp: 4016

Ion	Ratio	Lower	Upper
96	100		
61	418.4	131.3	243.9#
63	2329.2	102.5	190.3#

Instrument :
MSVOA_U
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 0.838 ug/L

RT: 4.671 min Scan# 1036

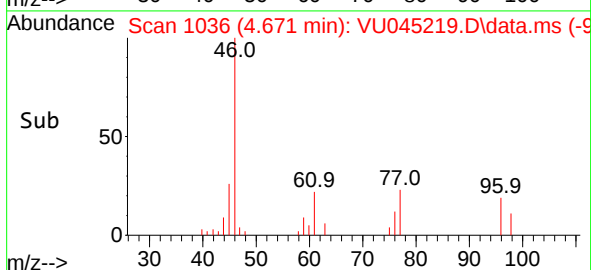
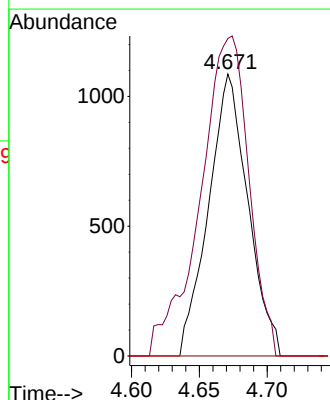
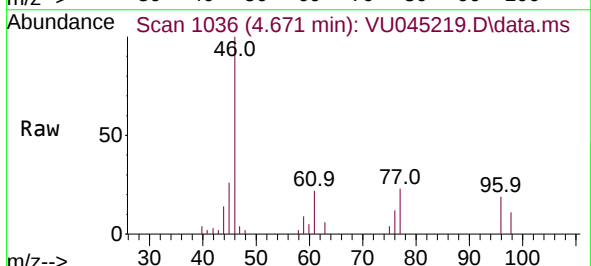
Delta R.T. -0.000 min

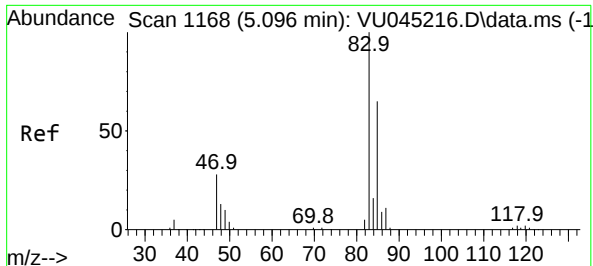
Lab File: VU045219.D

Acq: 07 Oct 2021 19:40

Tgt Ion: 96 Resp: 2196

Ion	Ratio	Lower	Upper
96	100		
61	112.6	100.2	186.0
68	0.0	0.0	0.0

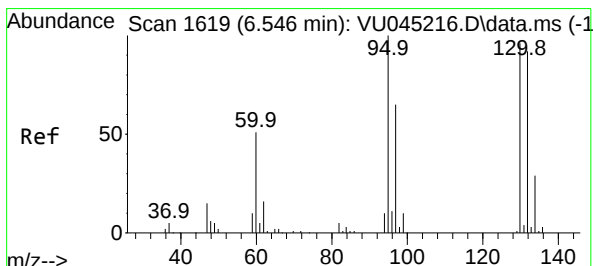
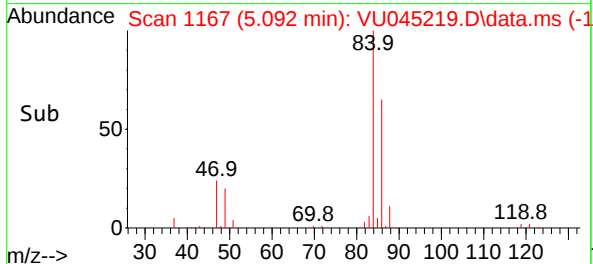
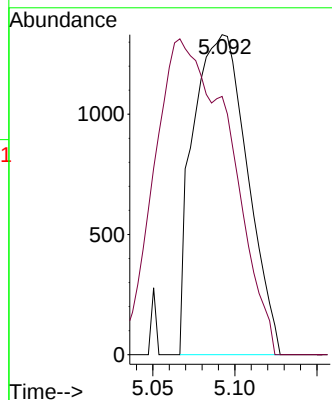
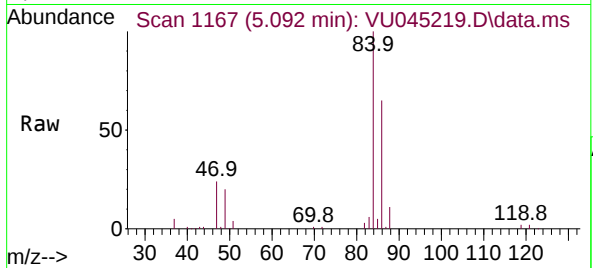




#25
Chloroform
Concen: 0.621 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045219.D
Acq: 07 Oct 2021 19:40

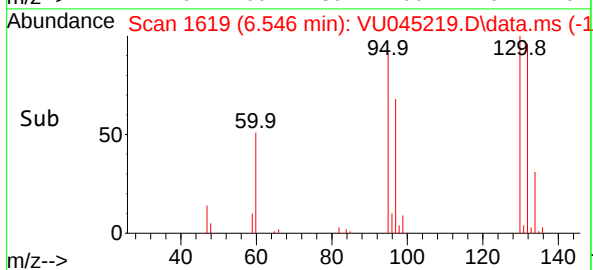
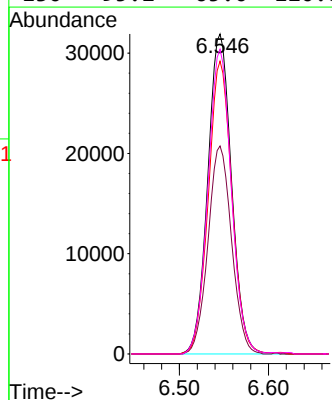
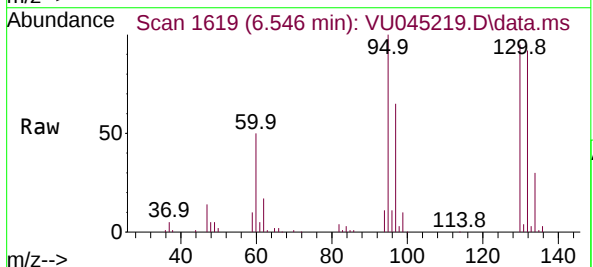
Instrument :
MSVOA_U
ClientSampleId :

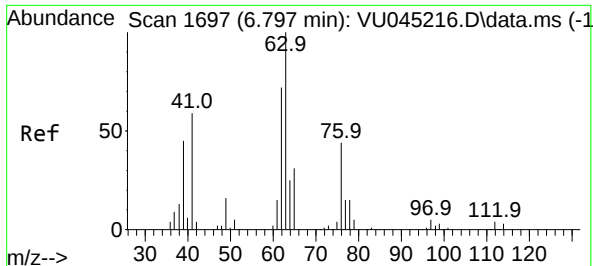
Tgt Ion: 83 Resp: 3055
Ion Ratio Lower Upper
83 100
85 80.7 45.6 84.6



#34
Trichloroethene
Concen: 23.850 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045219.D
Acq: 07 Oct 2021 19:40

Tgt Ion: 95 Resp: 59128
Ion Ratio Lower Upper
95 100
97 65.0 44.4 82.4
132 91.5 62.9 116.9
130 95.2 65.0 120.8



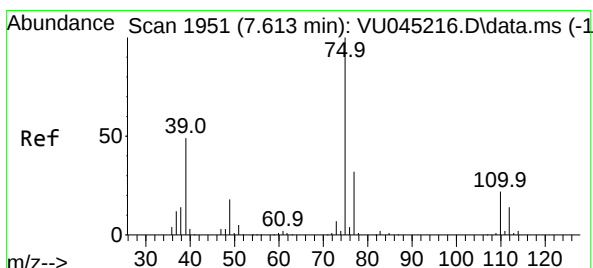
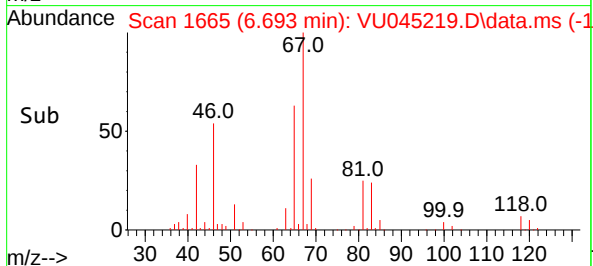
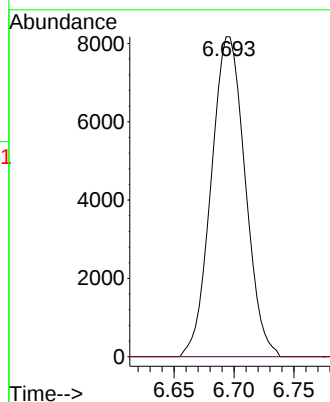
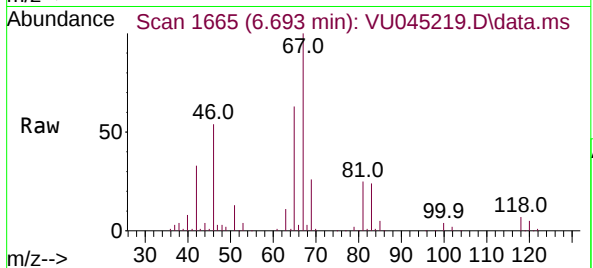


#37

1,2-Dichloropropane
Concen: 5.719 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045219.D
Acq: 07 Oct 2021 19:40

Instrument :
MSVOA_U
ClientSampleId :

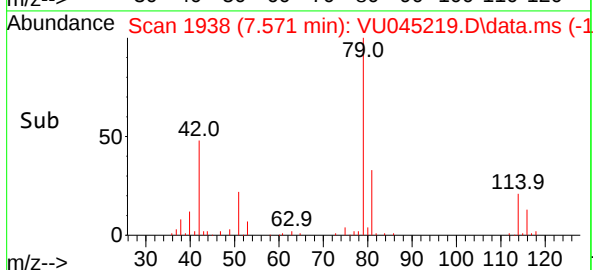
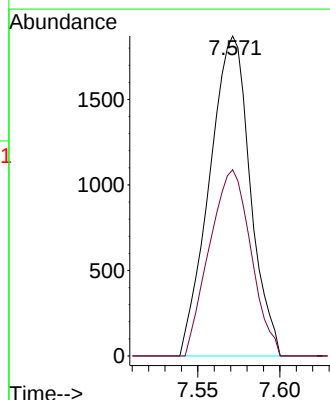
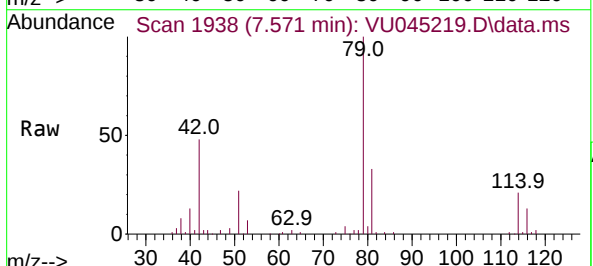
Tgt Ion: 63 Resp: 16073
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

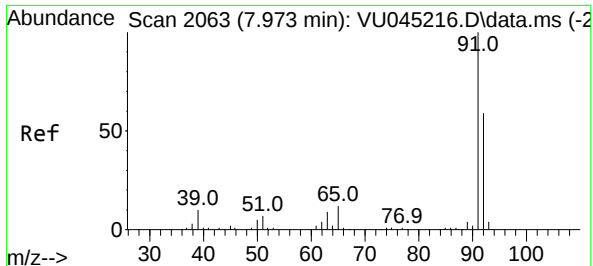


#39

cis-1,3-Dichloropropene
Concen: 0.802 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045219.D
Acq: 07 Oct 2021 19:40

Tgt Ion: 75 Resp: 3226
Ion Ratio Lower Upper
75 100
77 58.2 22.4 41.6#

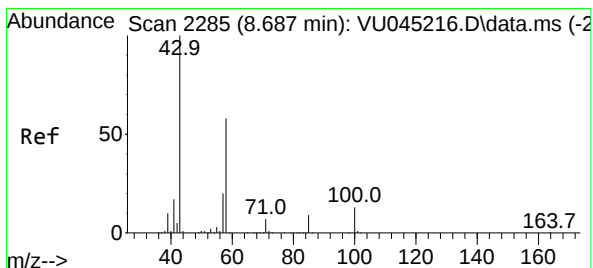
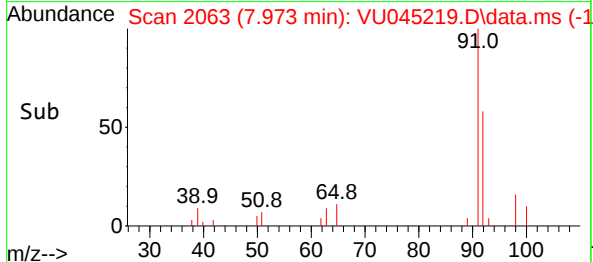
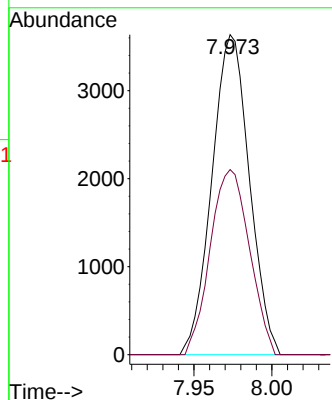
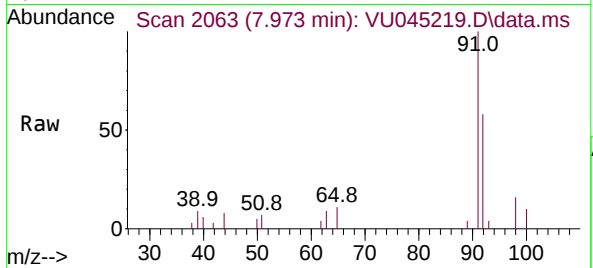




#42
Toluene
Concen: 0.580 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045219.D
Acq: 07 Oct 2021 19:40

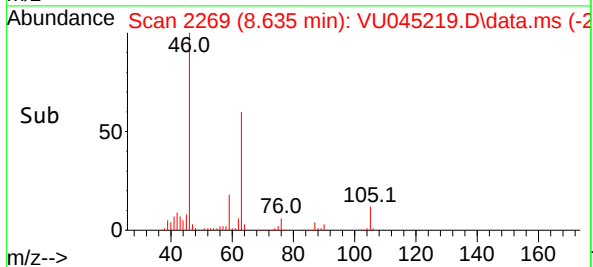
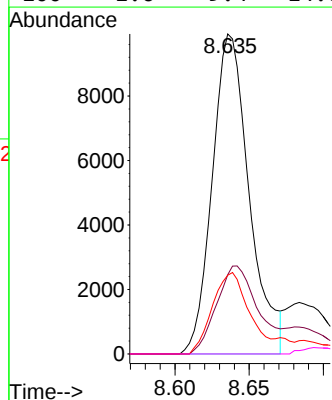
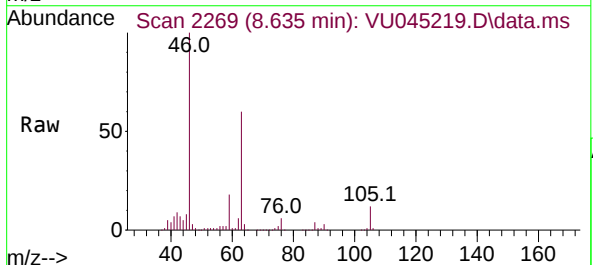
Instrument :
MSVOA_U
ClientSampled :

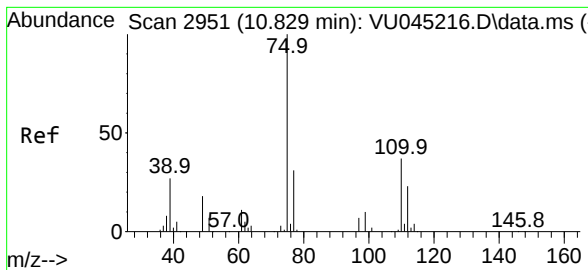
Tgt Ion: 91 Resp: 6080
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1



#48
2-Hexanone
Concen: 4.128 ug/L
RT: 8.635 min Scan# 2269
Delta R.T. -0.052 min
Lab File: VU045219.D
Acq: 07 Oct 2021 19:40

Tgt Ion: 43 Resp: 17184
Ion Ratio Lower Upper
43 100
58 30.9 44.9 67.3#
57 25.3 15.5 23.3#
100 1.6 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 5.108 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045219.D
 Acq: 07 Oct 2021 19:40

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	75	Resp:	16992
Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.5	38.3
110	1.7	29.0	43.4#

