

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045247.D
 Acq On : 08 Oct 2021 13:30
 Operator : SY/MD
 Sample : M4025-14DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:31:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

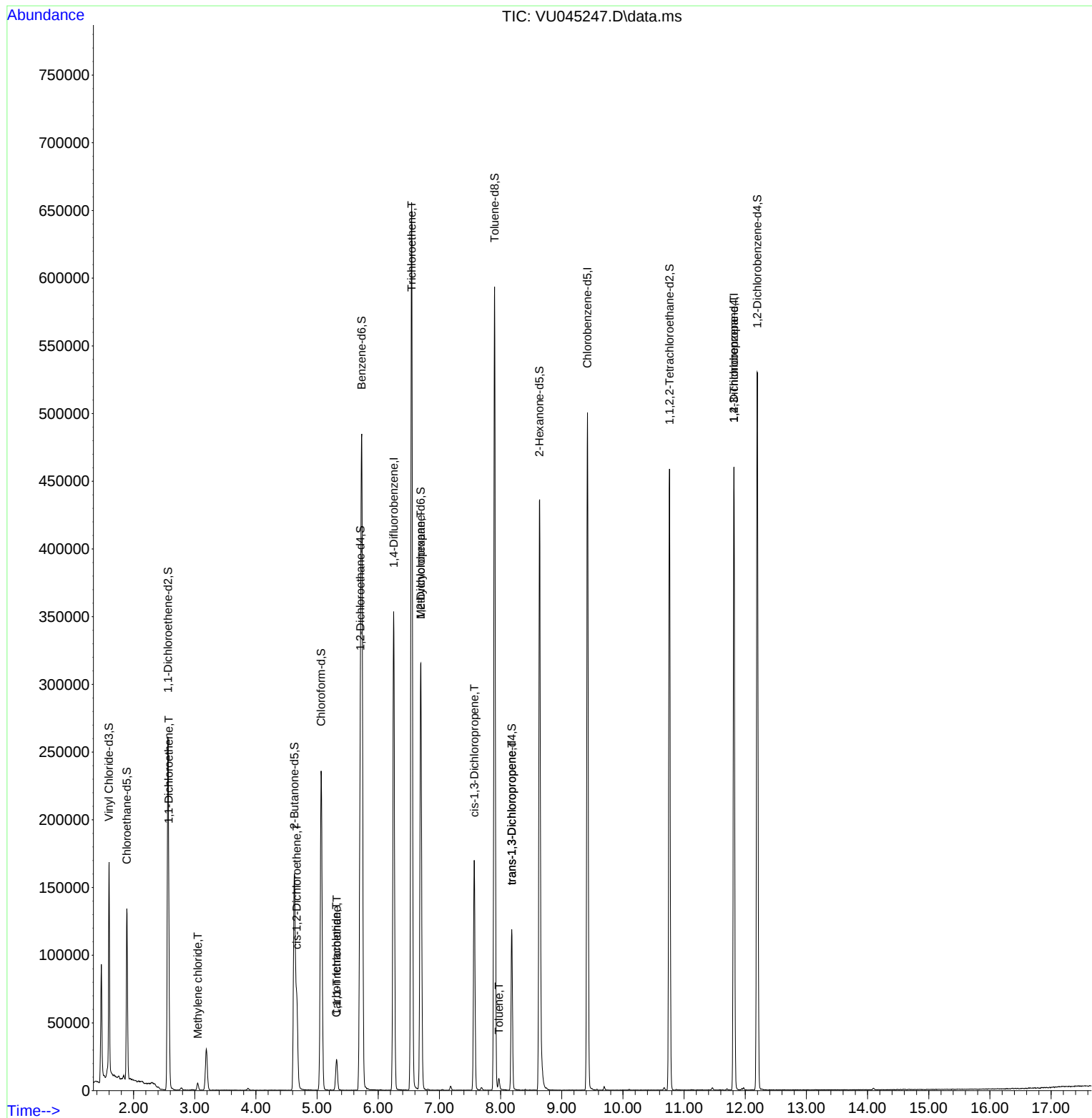
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	271352	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	260829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	112334	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100474	33.824	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.640%		
7) Chloroethane-d5	1.890	69	95496	40.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.140%		
11) 1,1-Dichloroethene-d2	2.562	63	152436	30.557	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.120%		
21) 2-Butanone-d5	4.629	46	225544	96.041	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.040%		
24) Chloroform-d	5.067	84	210979	44.969	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.940%		
26) 1,2-Dichloroethane-d4	5.706	65	150414	47.331	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.660%		
32) Benzene-d6	5.729	84	433902	47.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.880%		
36) 1,2-Dichloropropane-d6	6.693	67	143814	48.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.460%		
41) Toluene-d8	7.902	98	373308	47.795	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.600%		
43) trans-1,3-Dichloroprop...	8.182	79	62751	47.801	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.600%		
47) 2-Hexanone-d5	8.636	63	151606	92.701	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.700%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	227531	49.512	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.020%		
66) 1,2-Dichlorobenzene-d4	12.198	152	130600	53.422	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.840%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	16381	7.796	ug/L #	1
16) Methylene chloride	3.051	84	2437	0.915	ug/L	86
20) cis-1,2-Dichloroethene	4.668	96	28275	11.592	ug/L	89
30) 1,1,1-Trichloroethane	5.321	97	15748	4.362	ug/L	98
31) Carbon tetrachloride	5.314	117	1923	0.674	ug/L	93
34) Trichloroethene	6.546	95	223850	96.337	ug/L	100
35) Methylcyclohexane	6.693	83	33528	8.619	ug/L #	17
39) cis-1,3-Dichloropropene	7.571	75	3865	1.026	ug/L #	70
42) Toluene	7.973	91	5890	0.599	ug/L	93
44) trans-1,3-Dichloropropene	8.182	75	2633	0.735	ug/L #	79
60) 1,2,3-Trichloropropane	11.815	75	14862	4.783	ug/L #	67

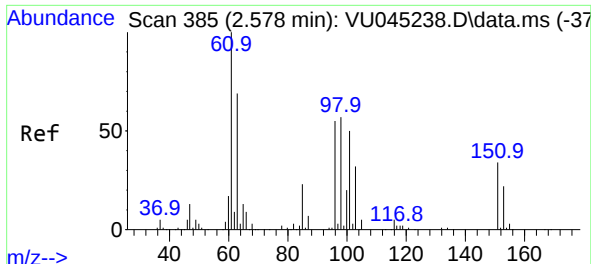
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
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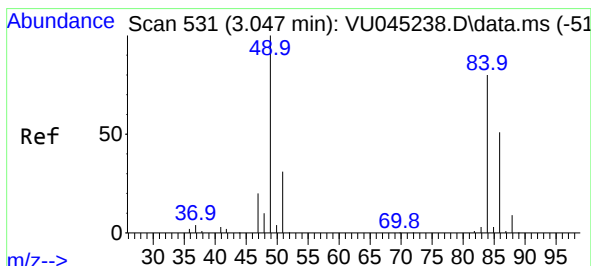
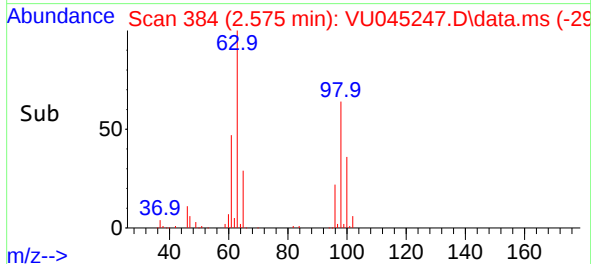
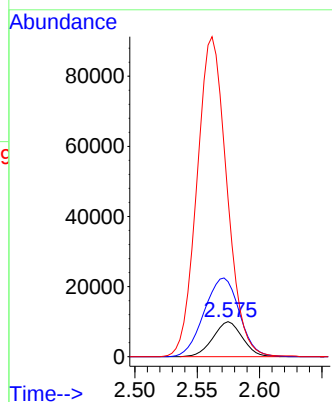
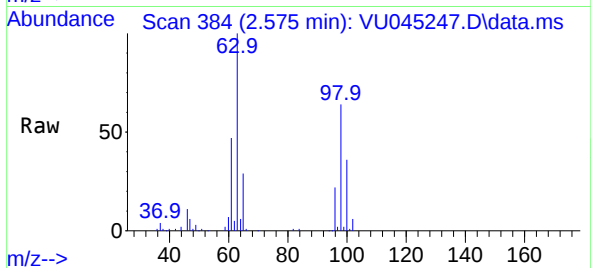




#12
1,1-Dichloroethene
Concen: 7.796 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU045247.D
Acq: 08 Oct 2021 13:30

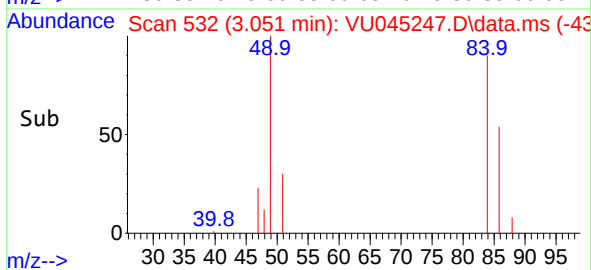
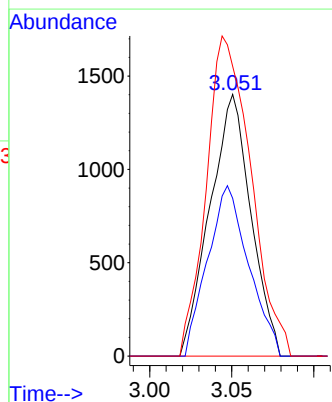
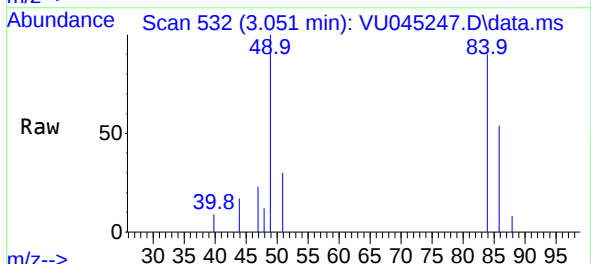
Instrument :
MSVOA_U
ClientSampleId :

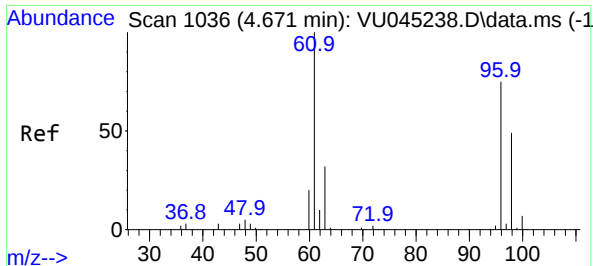
Tgt Ion: 96 Resp: 16381
Ion Ratio Lower Upper
96 100
61 214.4 131.3 243.9
63 452.0 102.5 190.3#



#16
Methylene chloride
Concen: 0.915 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045247.D
Acq: 08 Oct 2021 13:30

Tgt Ion: 84 Resp: 2437
Ion Ratio Lower Upper
84 100
86 60.3 44.7 83.1
49 110.7 92.9 172.5

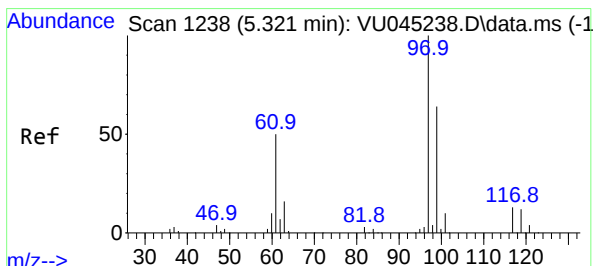
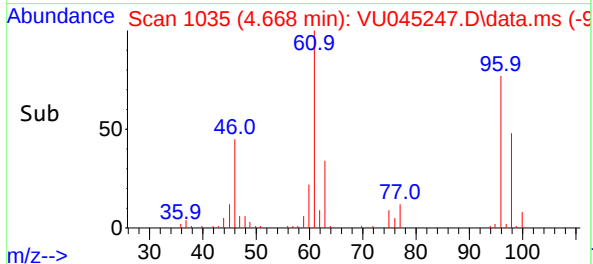
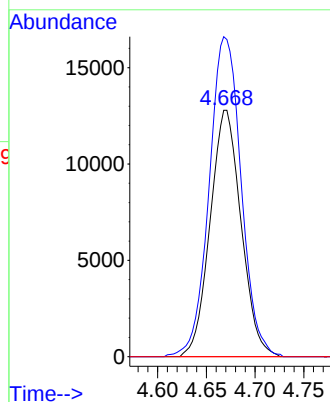
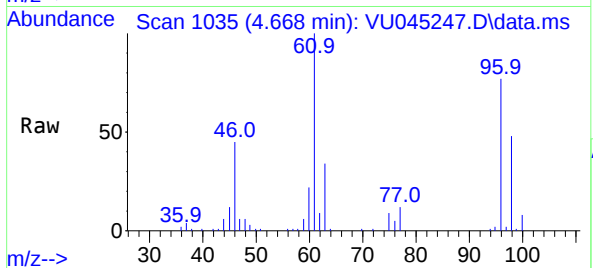




#20
 cis-1,2-Dichloroethene
 Concen: 11.592 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045247.D
 Acq: 08 Oct 2021 13:30

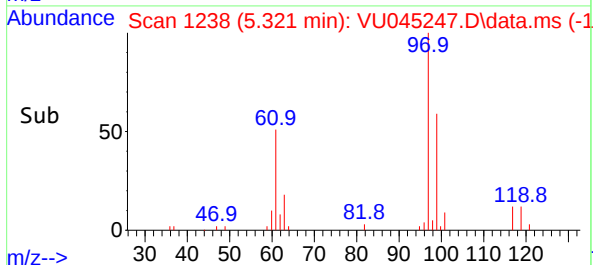
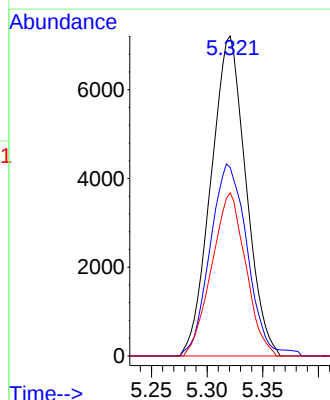
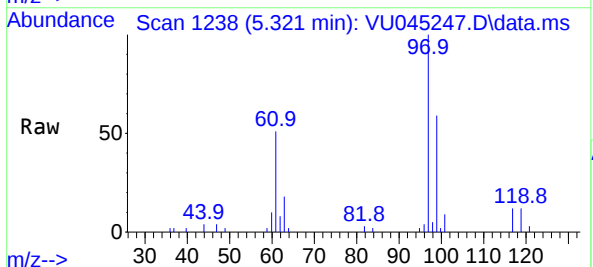
Instrument :
 MSVOA_U
 ClientSampleId :

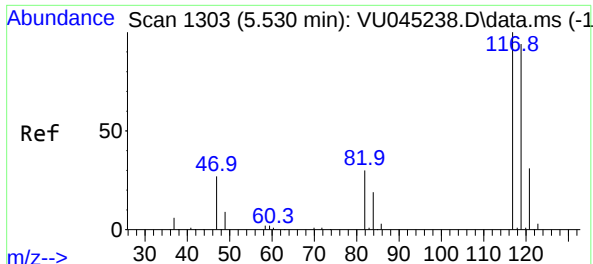
Tgt Ion: 96 Resp: 28275
 Ion Ratio Lower Upper
 96 100
 61 129.9 100.2 186.0
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 4.362 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VU045247.D
 Acq: 08 Oct 2021 13:30

Tgt Ion: 97 Resp: 15748
 Ion Ratio Lower Upper
 97 100
 99 63.8 50.6 75.8
 61 49.6 41.3 61.9

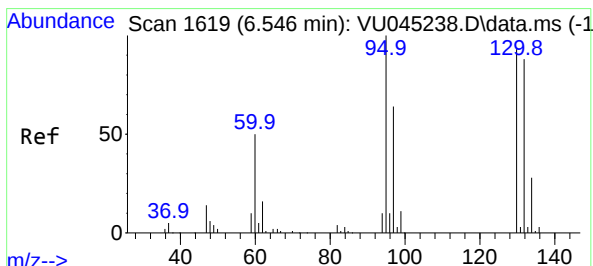
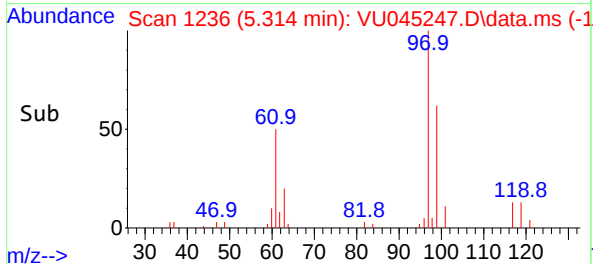
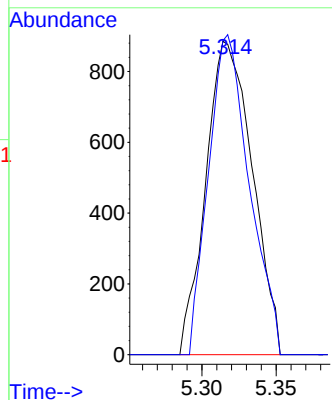
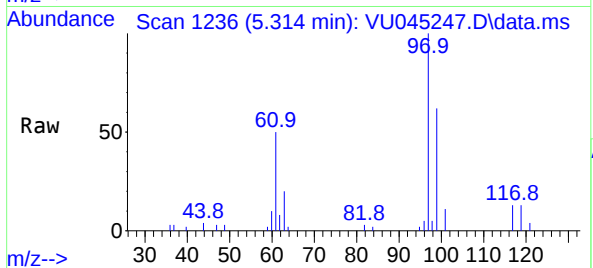




#31
Carbon tetrachloride
Concen: 0.674 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.215 min
Lab File: VU045247.D
Acq: 08 Oct 2021 13:30

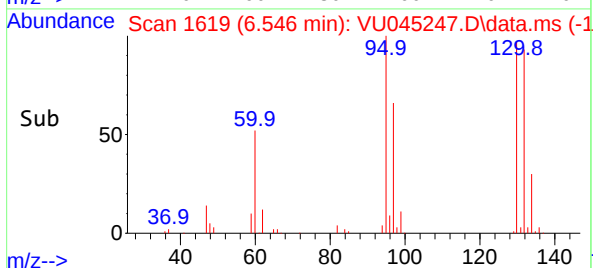
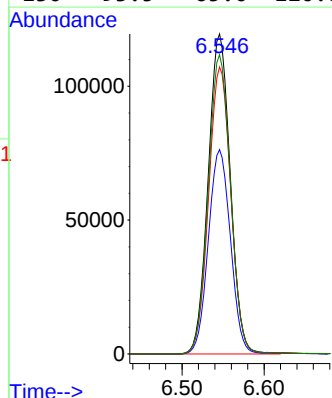
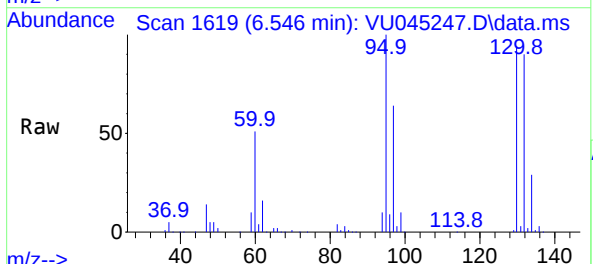
Instrument :
MSVOA_U
ClientSampleId :

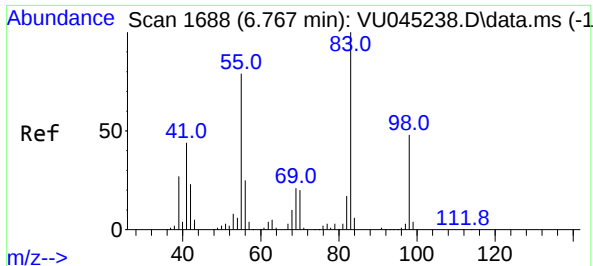
Tgt Ion:117 Resp: 1923
Ion Ratio Lower Upper
117 100
119 89.9 77.7 116.5



#34
Trichloroethene
Concen: 96.337 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045247.D
Acq: 08 Oct 2021 13:30

Tgt Ion: 95 Resp: 223850
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.4
132 89.7 62.9 116.9
130 93.5 65.0 120.8





#35

Methylcyclohexane

Concen: 8.619 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU045247.D

Acq: 08 Oct 2021 13:30

Tgt Ion: 83 Resp: 33528

Ion Ratio Lower Upper

83 100

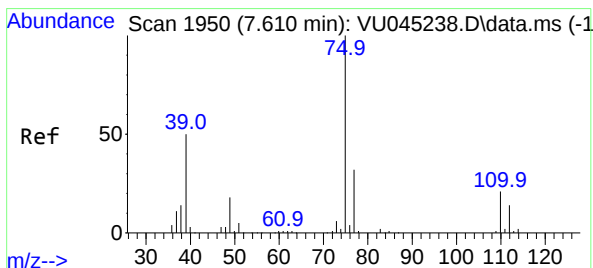
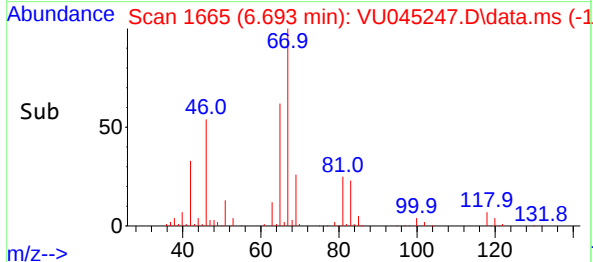
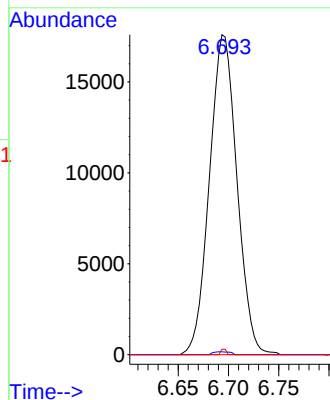
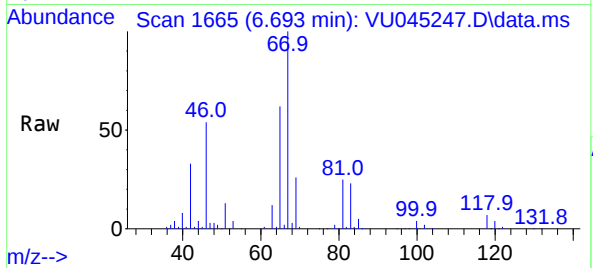
55 0.5 65.8 98.6#

98 0.3 37.1 55.7#

Instrument :

MSVOA_U

ClientSampleId :



#39

cis-1,3-Dichloropropene

Concen: 1.026 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU045247.D

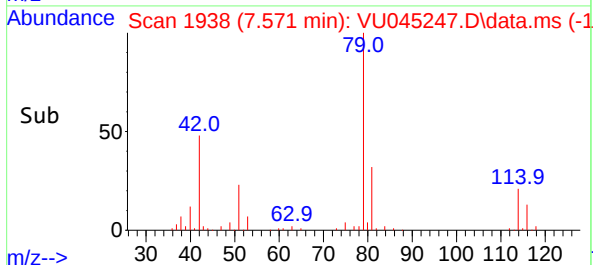
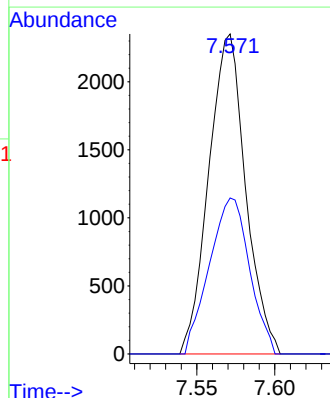
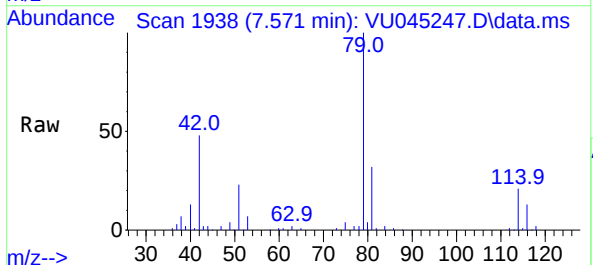
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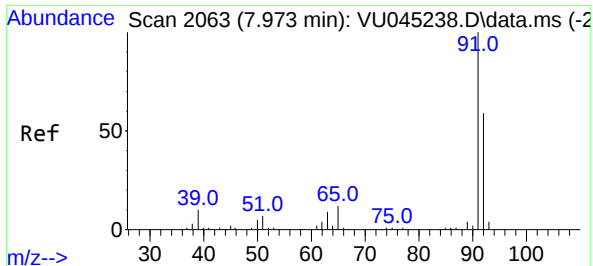
Tgt Ion: 75 Resp: 3865

Ion Ratio Lower Upper

75 100

77 48.8 22.4 41.6#

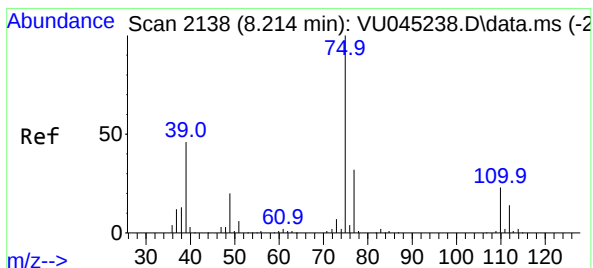
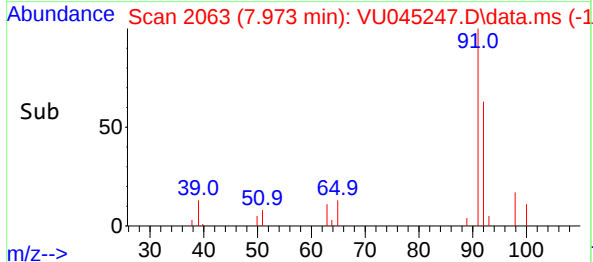
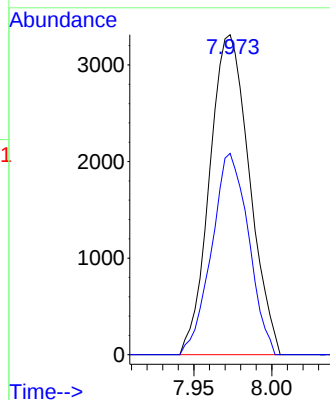
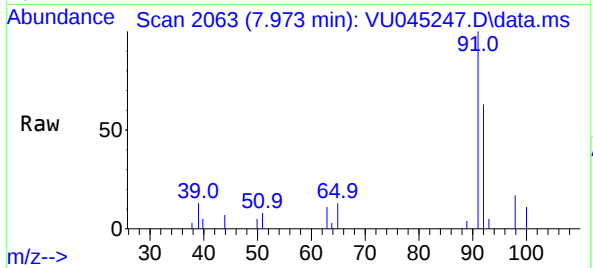




#42
Toluene
Concen: 0.599 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045247.D
Acq: 08 Oct 2021 13:30

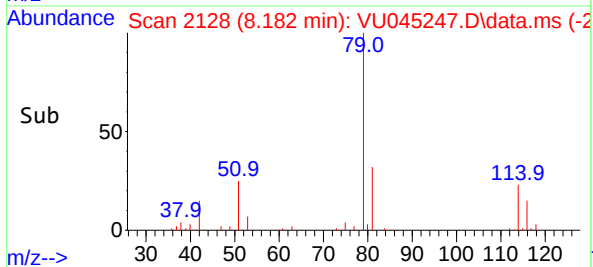
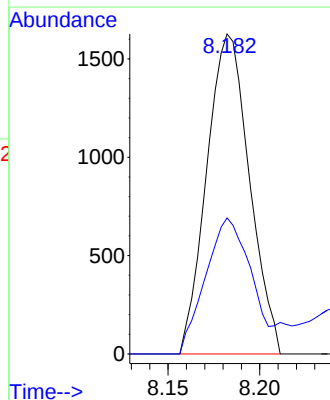
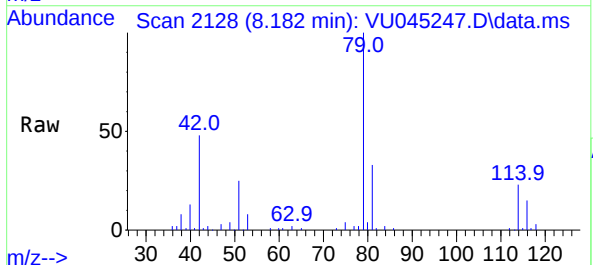
Instrument :
MSVOA_U
ClientSampled :

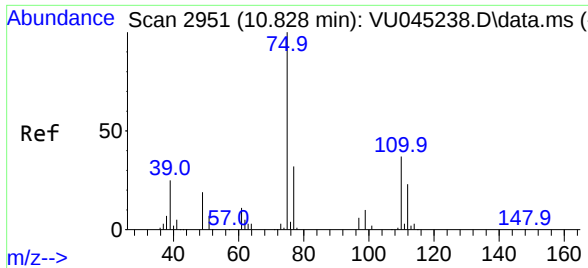
Tgt Ion: 91 Resp: 5890
Ion Ratio Lower Upper
91 100
92 62.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.735 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045247.D
Acq: 08 Oct 2021 13:30

Tgt Ion: 75 Resp: 2633
Ion Ratio Lower Upper
75 100
77 42.5 21.7 40.3#





#60
1,2,3-Trichloropropane
Concen: 4.783 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045247.D
Acq: 08 Oct 2021 13:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	75	Resp:	14862
Ion Ratio	Lower	Upper	
75	100		
77	34.4	25.5	38.3
110	1.9	29.0	43.4#

