

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045249.D
 Acq On : 08 Oct 2021 14:18
 Operator : SY/MD
 Sample : M4023-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:31:39 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)

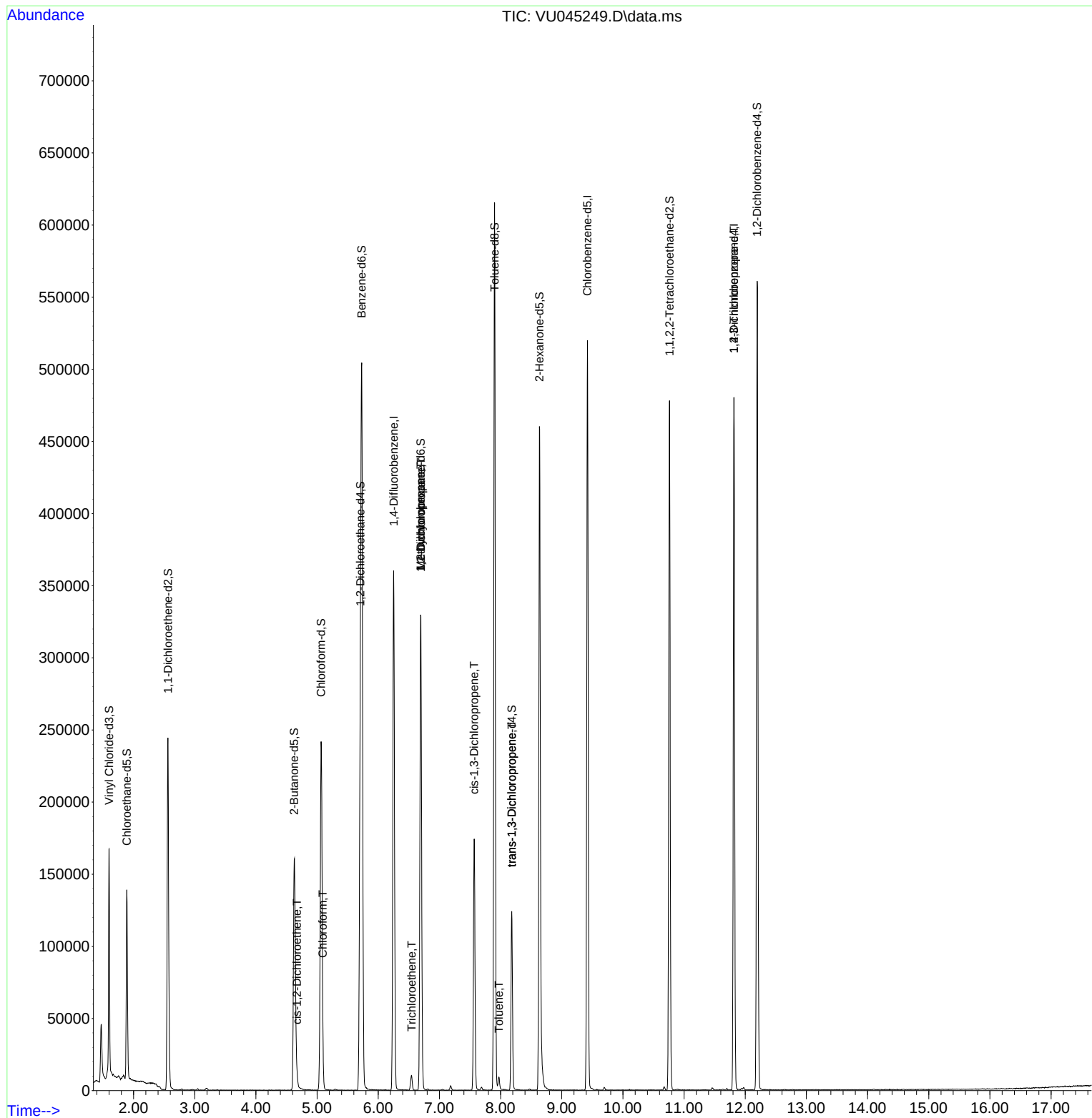
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	276296	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	269100	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	115908	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102817	33.993	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.980%
7) Chloroethane-d5	1.890	69	100184	41.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.562	63	149023	29.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.680%#
21) 2-Butanone-d5	4.626	46	231157	96.670	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.670%
24) Chloroform-d	5.067	84	219456	45.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.880%
26) 1,2-Dichloroethane-d4	5.707	65	156694	48.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
32) Benzene-d6	5.729	84	447926	47.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.940%
36) 1,2-Dichloropropane-d6	6.694	67	150300	49.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.720%
41) Toluene-d8	7.903	98	385544	47.845	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.680%
43) trans-1,3-Dichloroprop...	8.182	79	64855	47.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.780%
47) 2-Hexanone-d5	8.636	63	158304	93.822	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.820%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	237216	50.033	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.060%
66) 1,2-Dichlorobenzene-d4	12.195	152	138120	54.756	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.520%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.671	96	1902	0.766	ug/L	86
25) Chloroform	5.092	83	5435	1.166	ug/L	89
34) Trichloroethene	6.546	95	2787	1.163	ug/L	89
35) Methylcyclohexane	6.694	83	35319	8.800	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	17106	6.295	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4051	1.042	ug/L #	73
42) Toluene	7.973	91	6244	0.616	ug/L	92
44) trans-1,3-Dichloropropene	8.182	75	2688	0.727	ug/L #	77
60) 1,2,3-Trichloropropane	11.816	75	15580	4.860	ug/L #	67

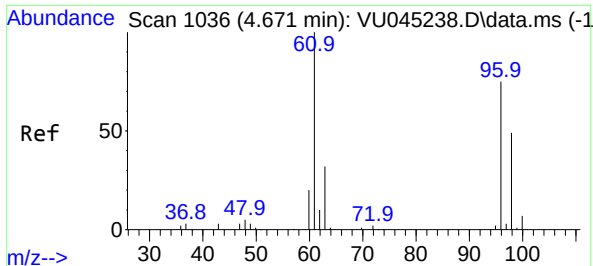
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

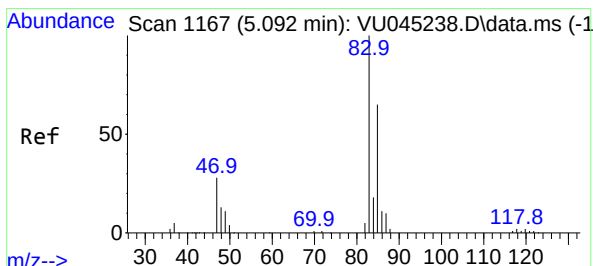
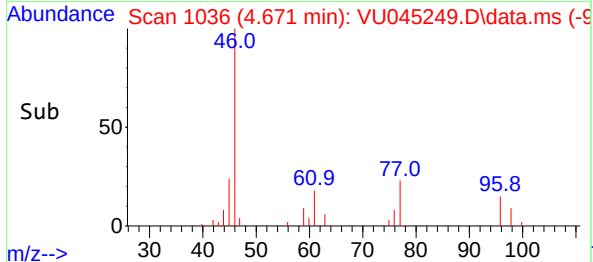
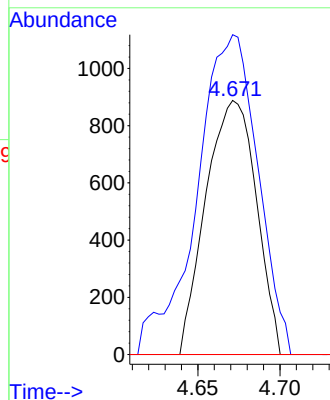
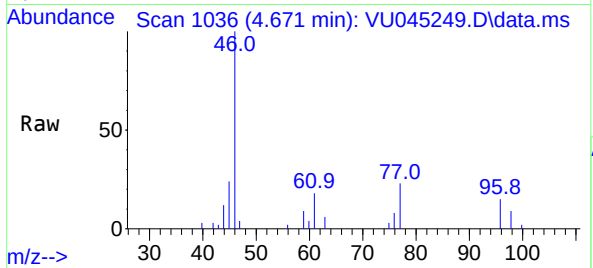




#20
cis-1,2-Dichloroethene
Concen: 0.766 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045249.D
Acq: 08 Oct 2021 14:18

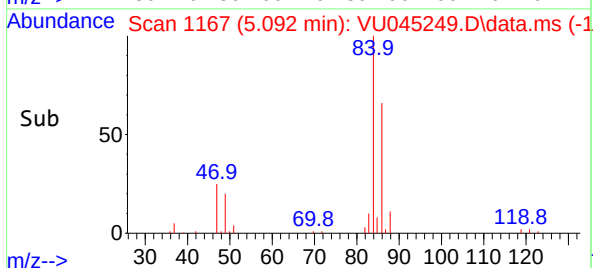
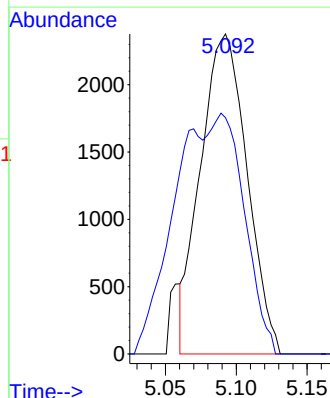
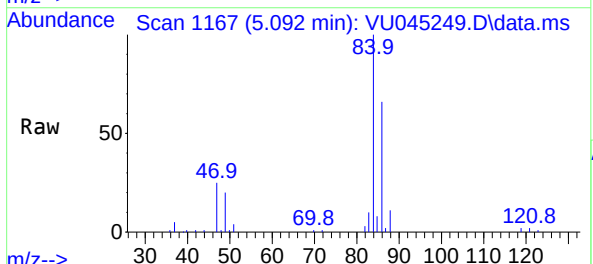
Instrument :
MSVOA_U
ClientSampled :

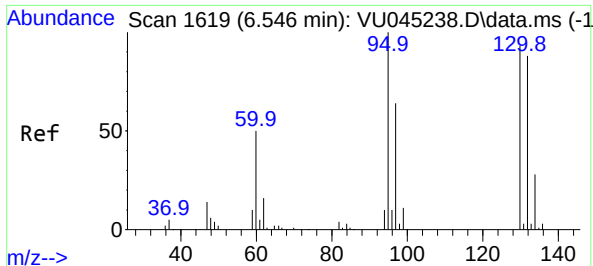
Tgt Ion: 96 Resp: 1902
Ion Ratio Lower Upper
96 100
61 125.9 100.2 186.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 1.166 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045249.D
Acq: 08 Oct 2021 14:18

Tgt Ion: 83 Resp: 5435
Ion Ratio Lower Upper
83 100
85 73.8 45.6 84.6

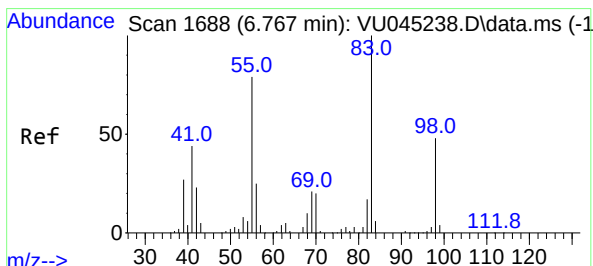
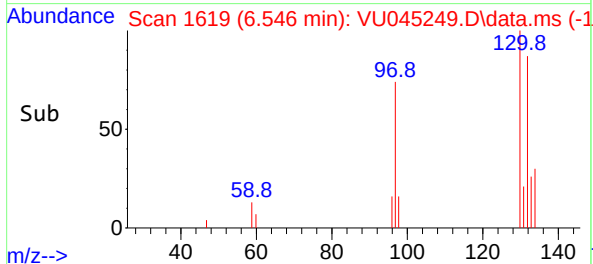
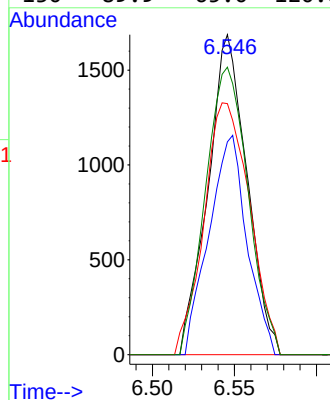
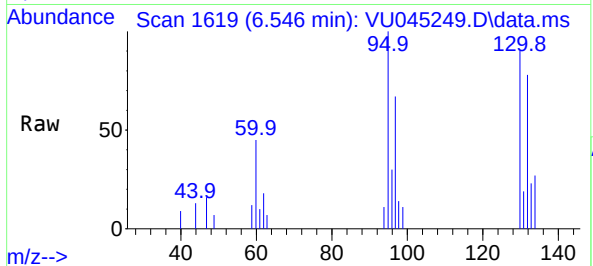




#34
Trichloroethene
Concen: 1.163 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045249.D
Acq: 08 Oct 2021 14:18

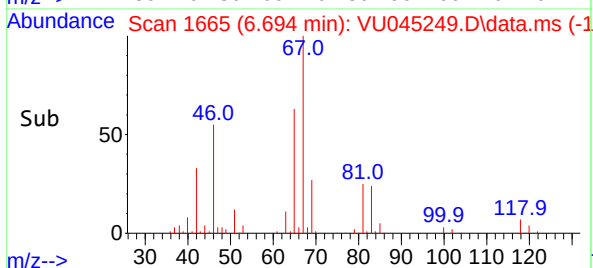
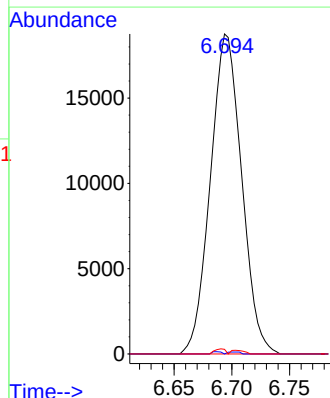
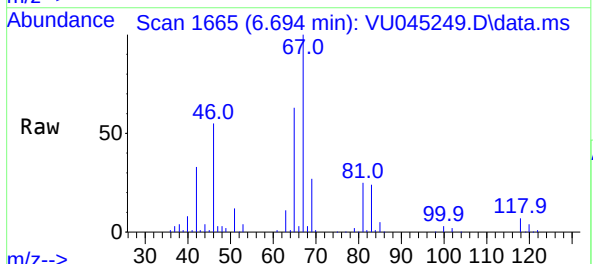
Instrument :
MSVOA_U
ClientSampleId :

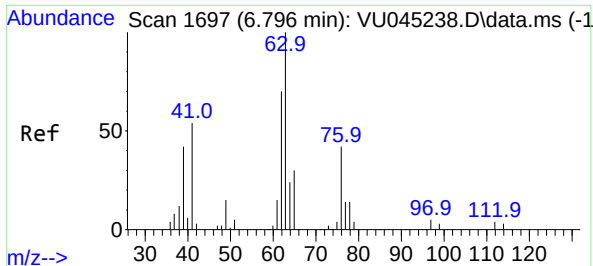
Tgt Ion: 95 Resp: 2787
Ion Ratio Lower Upper
95 100
97 80.9 44.4 82.4
132 78.4 62.9 116.9
130 89.9 65.0 120.8



#35
Methylcyclohexane
Concen: 8.800 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045249.D
Acq: 08 Oct 2021 14:18

Tgt Ion: 83 Resp: 35319
Ion Ratio Lower Upper
83 100
55 0.2 65.8 98.6#
98 0.5 37.1 55.7#

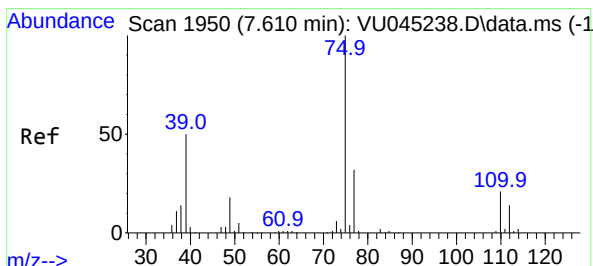
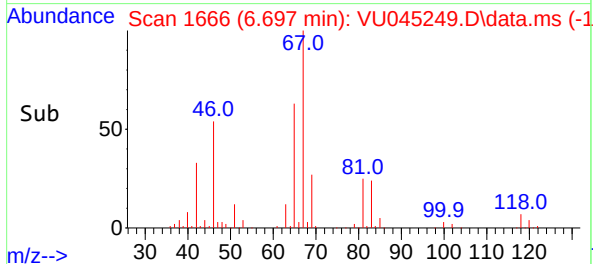
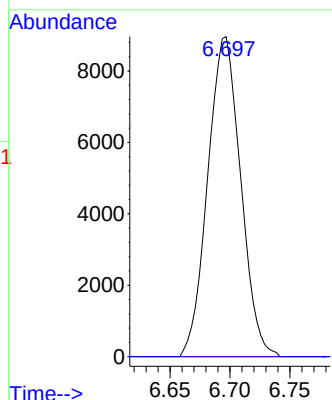
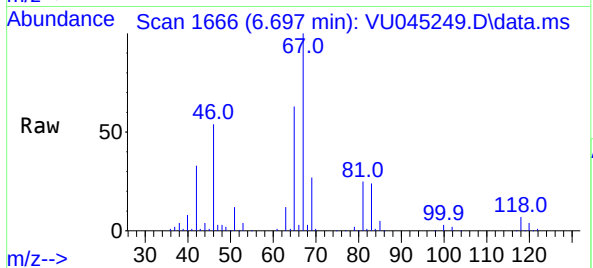




#37
1,2-Dichloropropane
Concen: 6.295 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045249.D
Acq: 08 Oct 2021 14:18

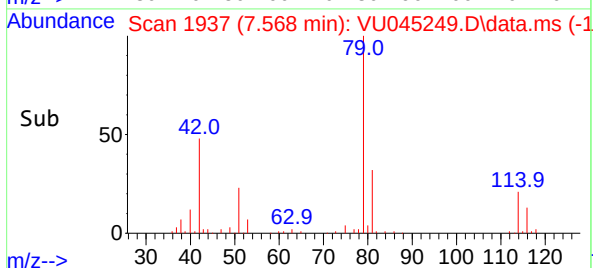
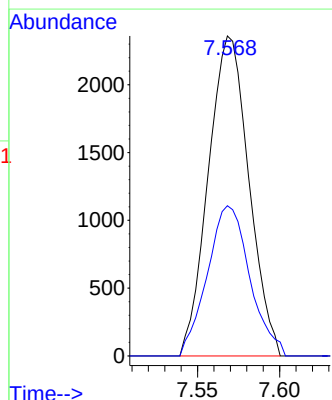
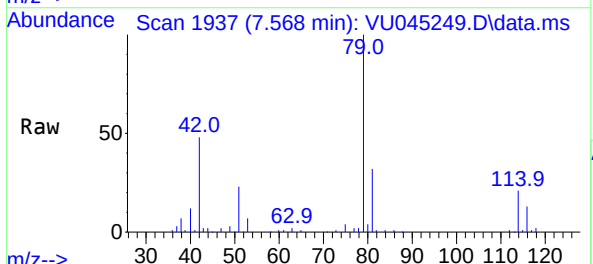
Instrument :
MSVOA_U
ClientSampled :

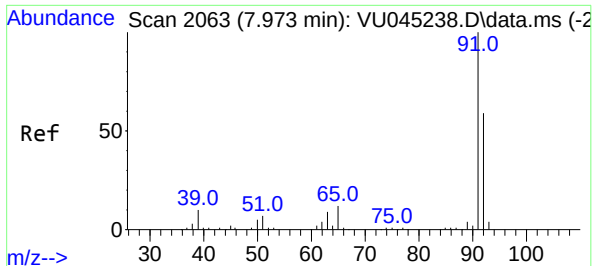
Tgt Ion: 63 Resp: 17106
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 1.042 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045249.D
Acq: 08 Oct 2021 14:18

Tgt Ion: 75 Resp: 4051
Ion Ratio Lower Upper
75 100
77 46.9 22.4 41.6#

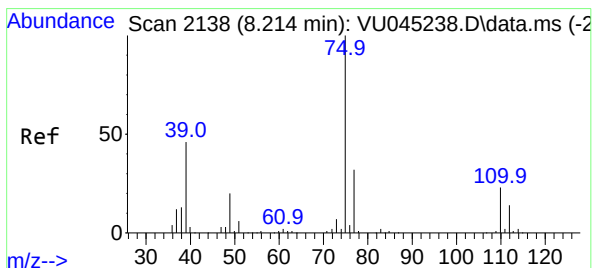
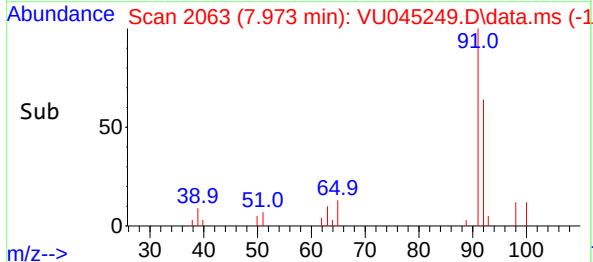
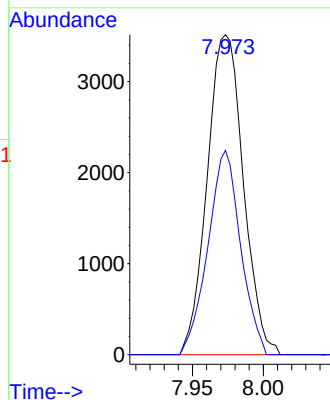
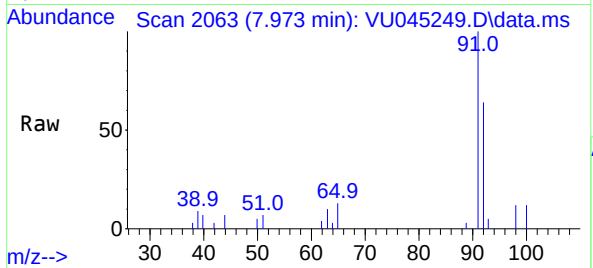




#42
Toluene
Concen: 0.616 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045249.D
Acq: 08 Oct 2021 14:18

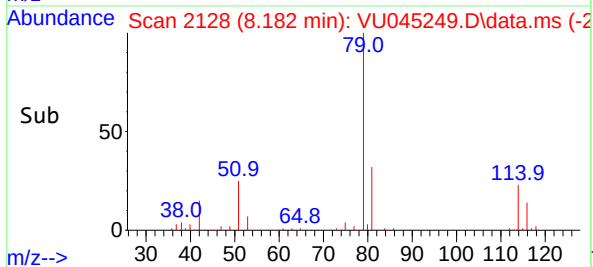
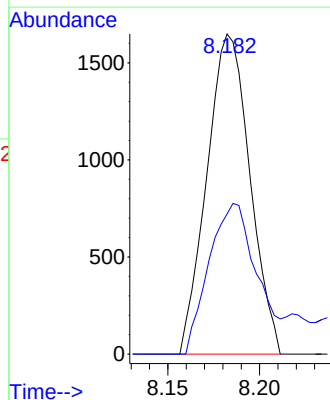
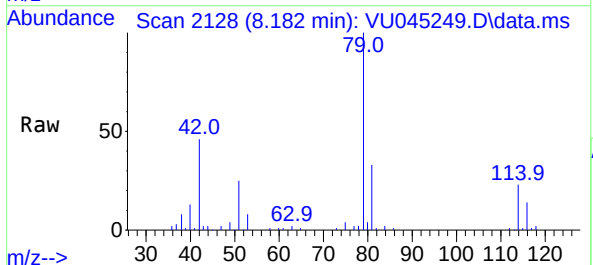
Instrument :
MSVOA_U
ClientSampled :

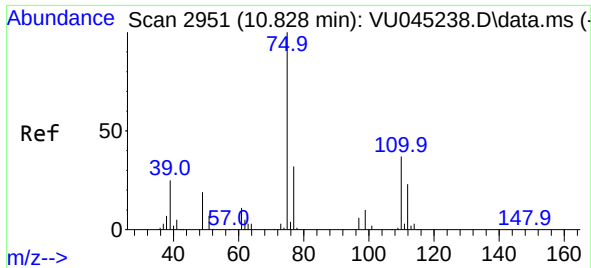
Tgt Ion: 91 Resp: 6244
Ion Ratio Lower Upper
91 100
92 63.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.727 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045249.D
Acq: 08 Oct 2021 14:18

Tgt Ion: 75 Resp: 2688
Ion Ratio Lower Upper
75 100
77 43.8 21.7 40.3#





#60
1,2,3-Trichloropropane
Concen: 4.860 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045249.D
Acq: 08 Oct 2021 14:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	75	Resp:	15580
Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.5	38.3
110	1.4	29.0	43.4#

