

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045240.D
 Acq On : 08 Oct 2021 10:43
 Operator : SY/MD
 Sample : VV1008WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:30:20 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)

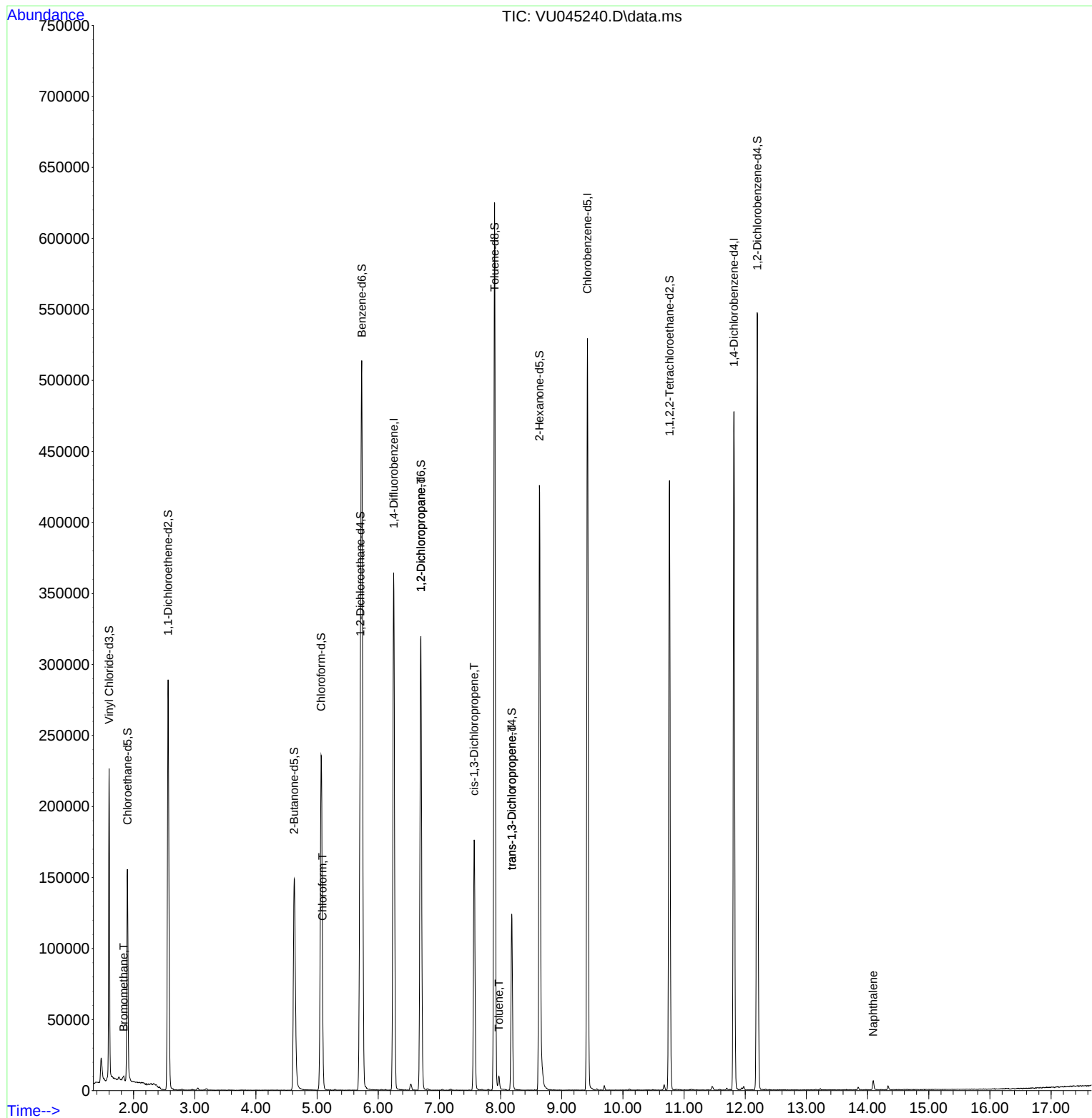
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	280955	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	273963	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	118396	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	143612	46.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.380%
7) Chloroethane-d5	1.899	69	113884	46.727	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.460%
11) 1,1-Dichloroethene-d2	2.565	63	175146	33.910	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.820%
21) 2-Butanone-d5	4.626	46	216743	89.139	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.140%
24) Chloroform-d	5.067	84	212958	43.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	5.706	65	152999	46.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.000%
32) Benzene-d6	5.732	84	452975	47.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.300%
36) 1,2-Dichloropropane-d6	6.697	67	145598	46.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.940%
41) Toluene-d8	7.902	98	391088	47.671	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.340%
43) trans-1,3-Dichloroprop...	8.182	79	65876	47.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.560%
47) 2-Hexanone-d5	8.636	63	146874	85.502	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.500%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	217961	45.156	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	12.198	152	133313	51.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.480%
Target Compounds						Qvalue
6) Bromomethane	1.838	94	1016	0.645	ug/L	87
25) Chloroform	5.089	83	2946	0.622	ug/L #	75
37) 1,2-Dichloropropane	6.697	63	16099	5.819	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4306	1.088	ug/L #	63
42) Toluene	7.973	91	6286	0.609	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	3007	0.799	ug/L	92
71) Naphthalene	14.092	128	6107	0.763	ug/L #	88

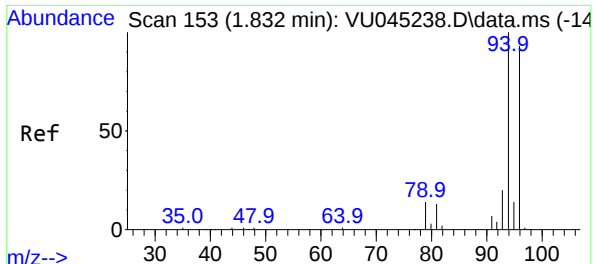
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

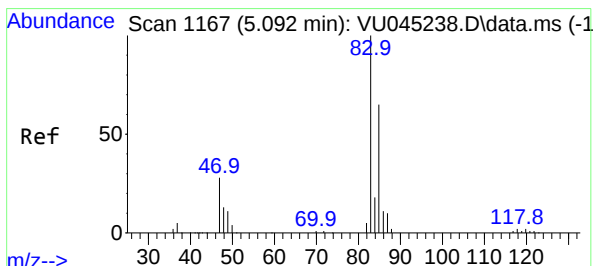
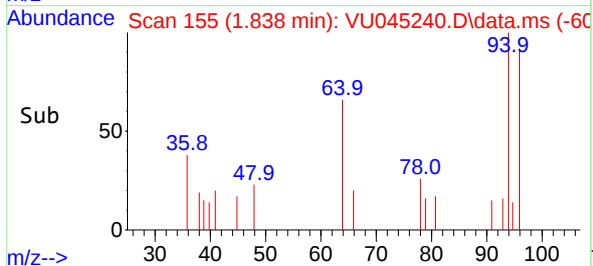
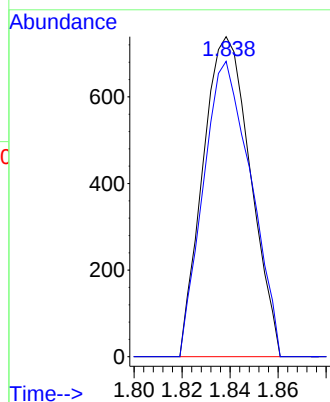
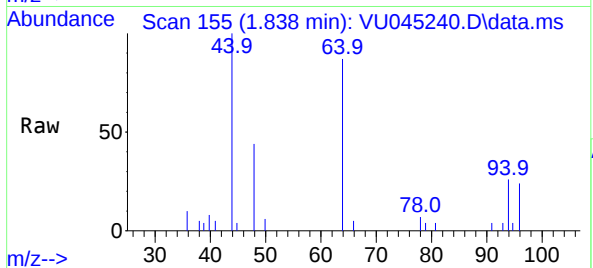




#6
Bromomethane
Concen: 0.645 ug/L
RT: 1.838 min Scan# 155
Delta R.T. 0.006 min
Lab File: VU045240.D
Acq: 08 Oct 2021 10:43

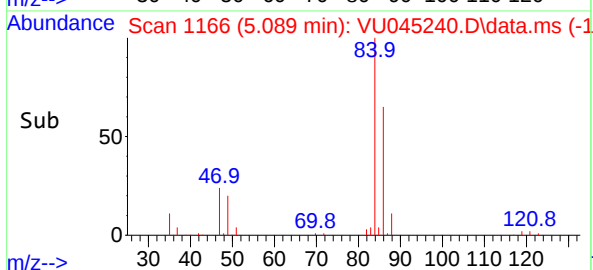
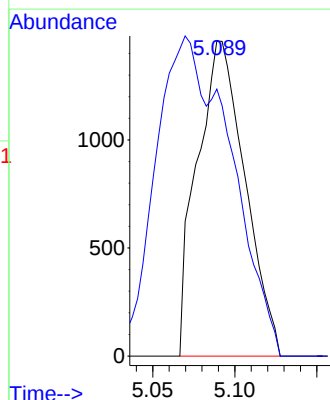
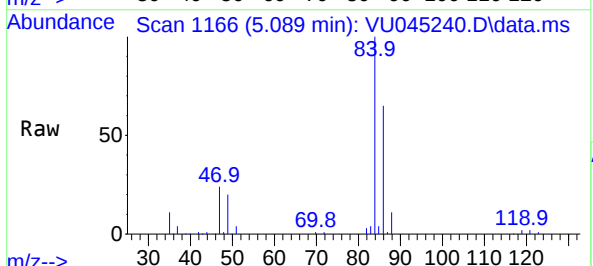
Instrument :
MSVOA_U
ClientSampleId :

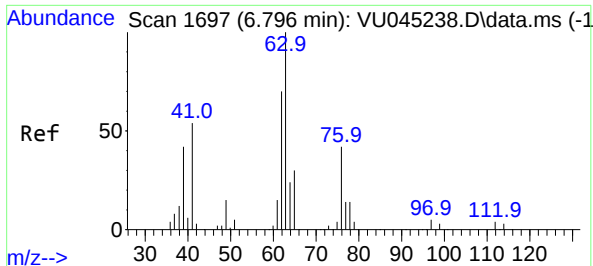
Tgt Ion: 94 Resp: 1016
Ion Ratio Lower Upper
94 100
96 80.9 65.7 121.9



#25
Chloroform
Concen: 0.622 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045240.D
Acq: 08 Oct 2021 10:43

Tgt Ion: 83 Resp: 2946
Ion Ratio Lower Upper
83 100
85 84.7 45.6 84.6#



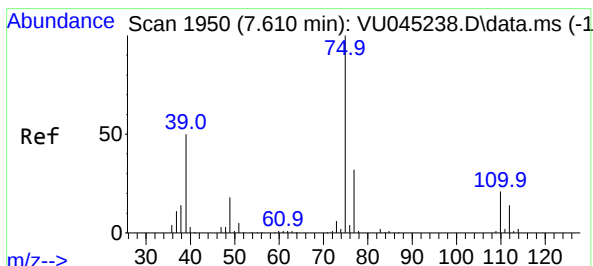
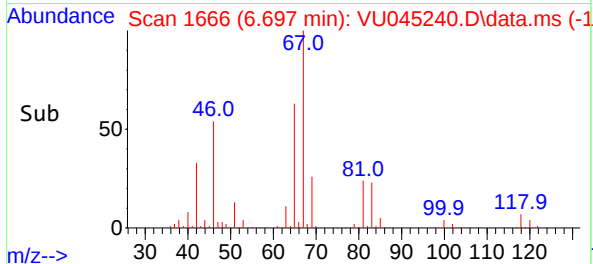
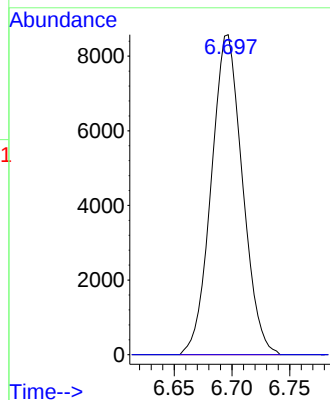
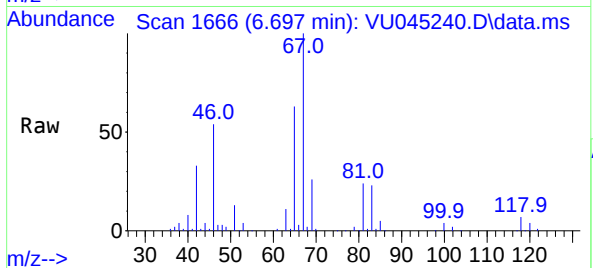


#37

1,2-Dichloropropane
Concen: 5.819 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045240.D
Acq: 08 Oct 2021 10:43

Instrument :
MSVOA_U
ClientSampled :

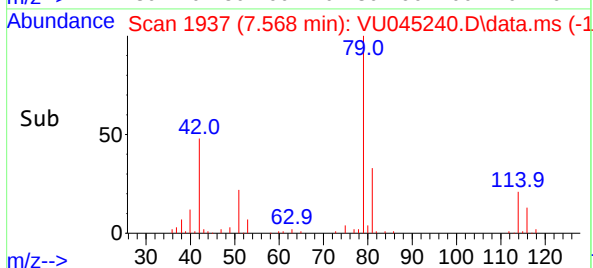
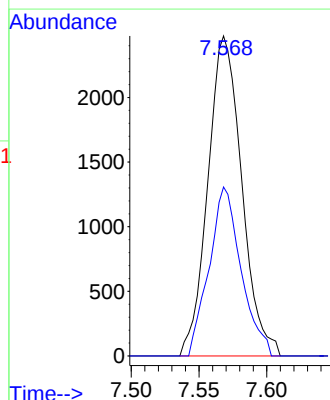
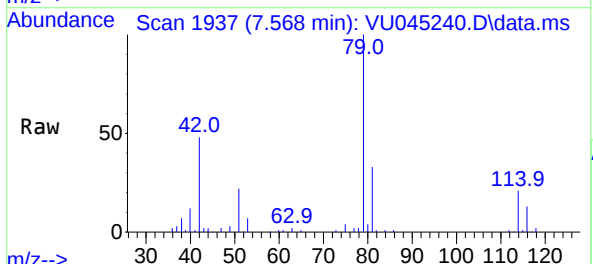
Tgt Ion: 63 Resp: 16099
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

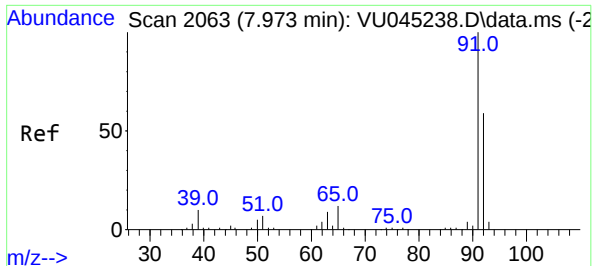


#39

cis-1,3-Dichloropropene
Concen: 1.088 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045240.D
Acq: 08 Oct 2021 10:43

Tgt Ion: 75 Resp: 4306
Ion Ratio Lower Upper
75 100
77 52.8 22.4 41.6#

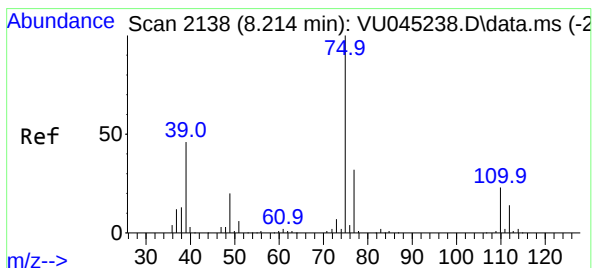
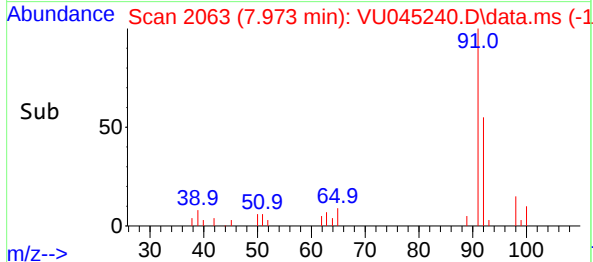
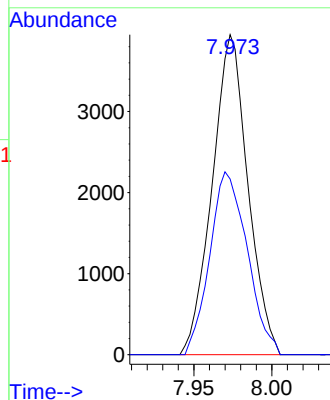
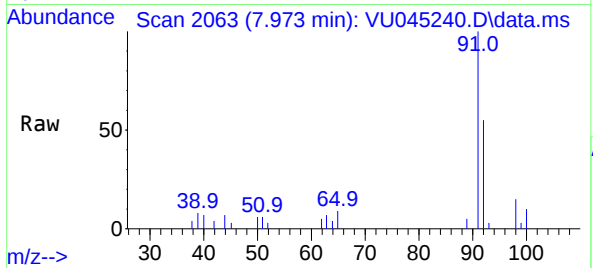




#42
Toluene
Concen: 0.609 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045240.D
Acq: 08 Oct 2021 10:43

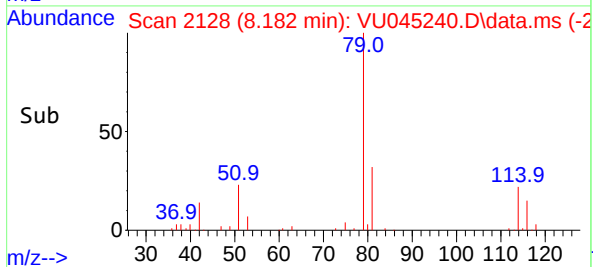
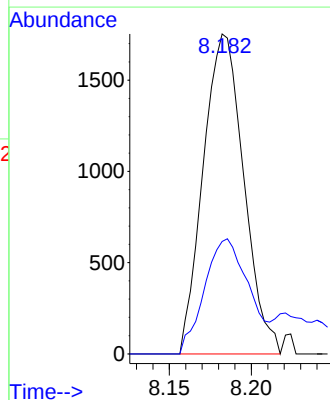
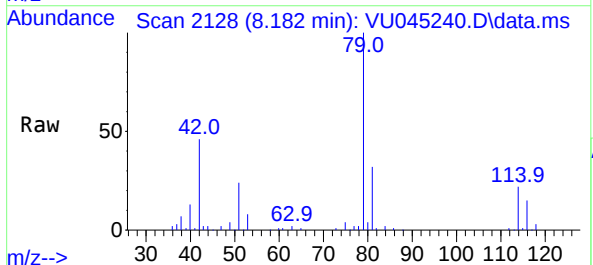
Instrument :
MSVOA_U
ClientSampled :

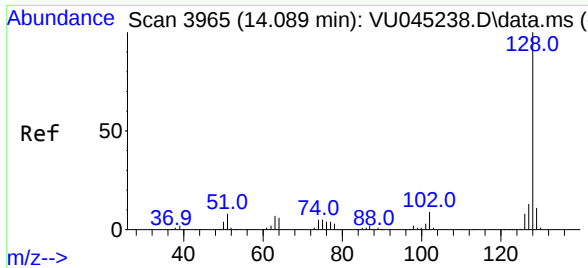
Tgt Ion: 91 Resp: 6286
Ion Ratio Lower Upper
91 100
92 54.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.799 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045240.D
Acq: 08 Oct 2021 10:43

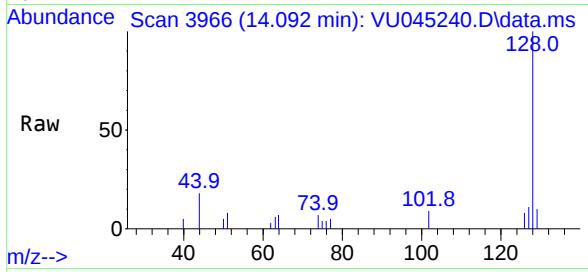
Tgt Ion: 75 Resp: 3007
Ion Ratio Lower Upper
75 100
77 35.1 21.7 40.3





#71
Naphthalene
Concen: 0.763 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045240.D
Acq: 08 Oct 2021 10:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 6107

Ion	Ratio	Lower	Upper
128	100		
127	7.1	10.4	15.6#
129	8.1	8.8	13.2#

