

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045208.D
 Acq On : 07 Oct 2021 13:42
 Operator : SY/MD
 Sample : M4025-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:37:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

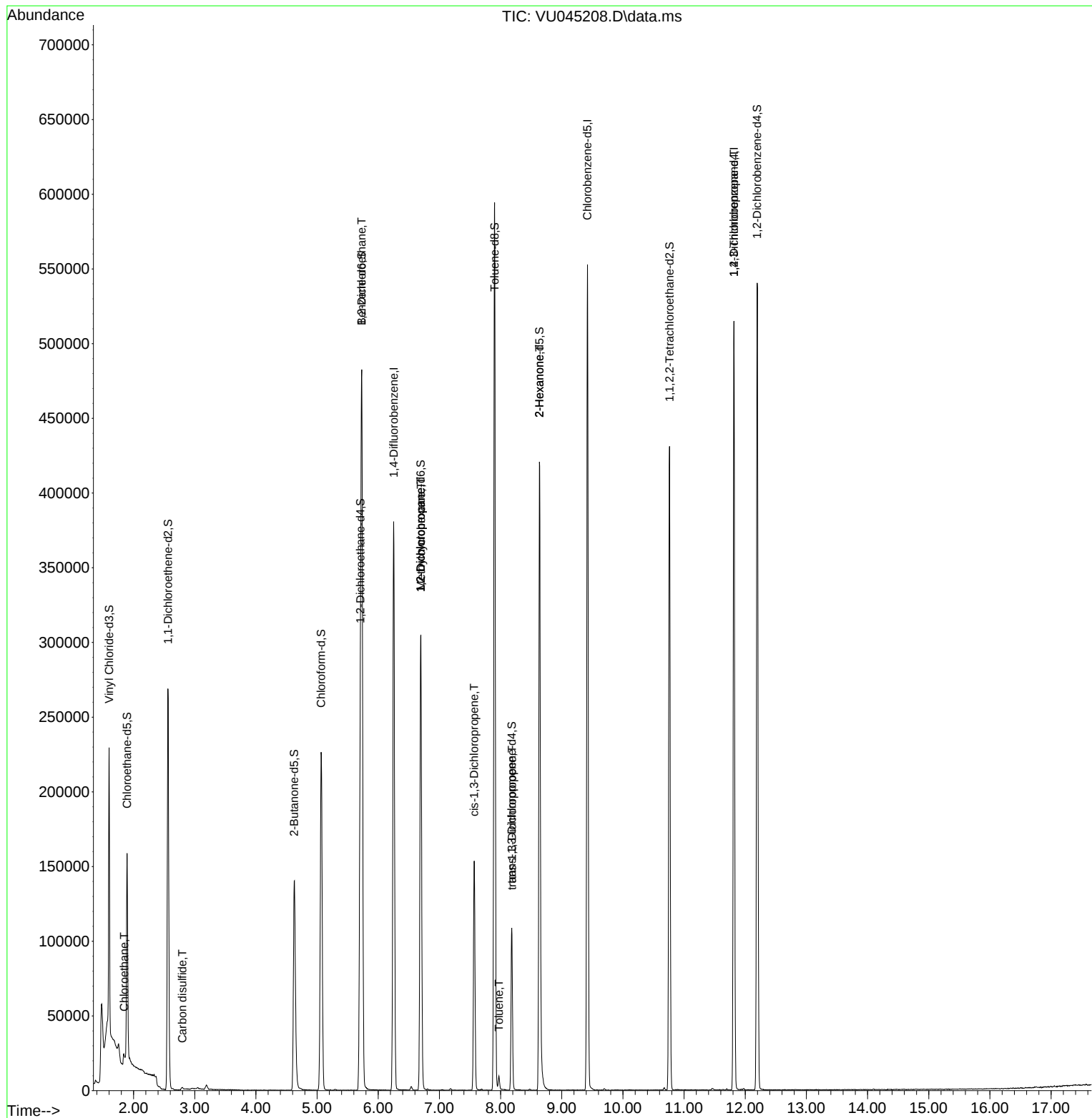
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	298051	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	286958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	125424	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	121884	37.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.720%
7) Chloroethane-d5	1.893	69	103407	39.994	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.980%
11) 1,1-Dichloroethene-d2	2.562	63	161804	29.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.060%#
21) 2-Butanone-d5	4.626	46	198949	77.128	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.130%
24) Chloroform-d	5.067	84	206404	40.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.100%
26) 1,2-Dichloroethane-d4	5.706	65	147061	42.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.260%
32) Benzene-d6	5.729	84	425684	42.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.500%
36) 1,2-Dichloropropane-d6	6.693	67	136417	42.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.040%
41) Toluene-d8	7.902	98	380121	44.236	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.480%
43) trans-1,3-Dichloroprop...	8.182	79	56480	39.107	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.220%
47) 2-Hexanone-d5	8.636	63	144580	80.355	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.360%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	210820	41.699	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	133772	49.008	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.020%
Target Compounds						
					Qvalue	
8) Chloroethane	1.848	64	9824	4.491	ug/L #	52
14) Carbon disulfide	2.797	76	3124	0.422	ug/L	100
27) 1,2-Dichloroethane	5.729	62	2497	0.594	ug/L #	75
35) Methylcyclohexane	6.697	83	33396	7.803	ug/L #	16
37) 1,2-Dichloropropane	6.693	63	15787	5.448	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3800	0.916	ug/L	84
42) Toluene	7.973	91	6092	0.563	ug/L	92
44) trans-1,3-Dichloropropene	8.185	75	2581	0.655	ug/L	89
48) 2-Hexanone	8.636	43	17593	4.098	ug/L #	70
60) 1,2,3-Trichloropropane	11.815	75	16914	4.876	ug/L #	68

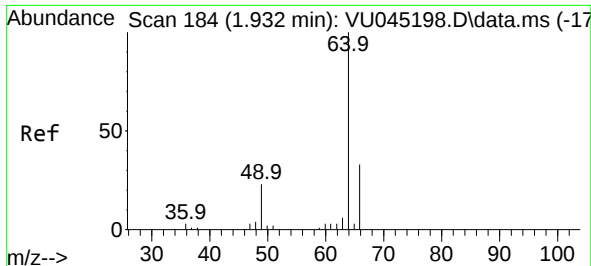
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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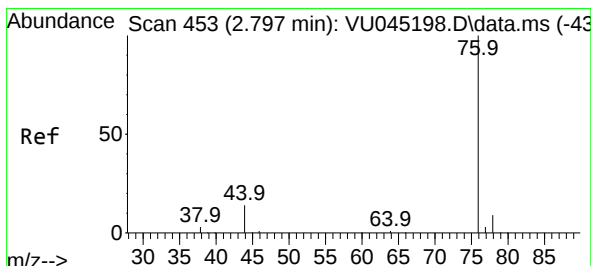
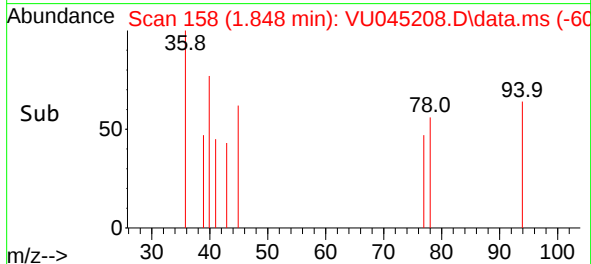
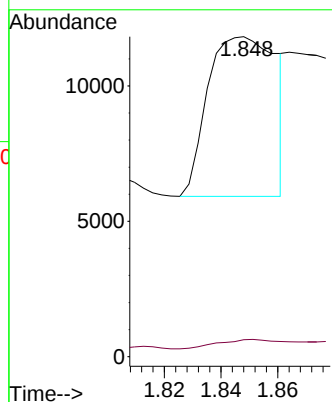
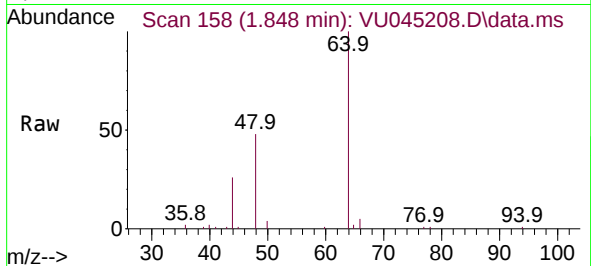




#8
Chloroethane
Concen: 4.491 ug/L
RT: 1.848 min Scan# 158
Delta R.T. -0.084 min
Lab File: VU045208.D
Acq: 07 Oct 2021 13:42

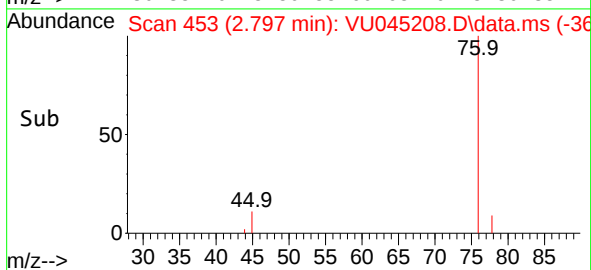
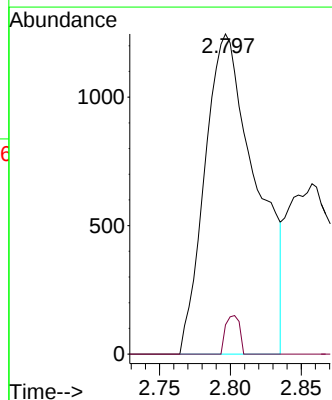
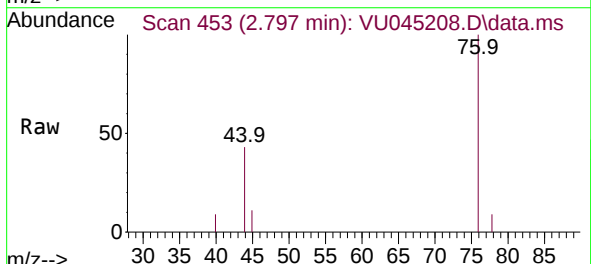
Instrument :
MSVOA_U
ClientSampled :

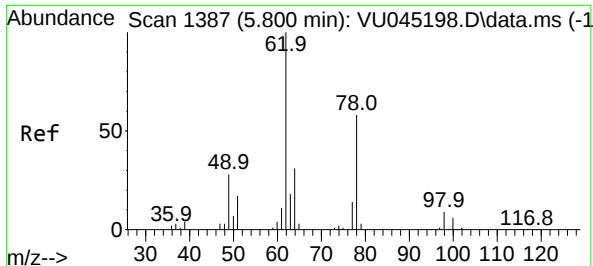
Tgt Ion: 64 Resp: 9824
Ion Ratio Lower Upper
64 100
66 5.2 22.3 41.3#



#14
Carbon disulfide
Concen: 0.422 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045208.D
Acq: 07 Oct 2021 13:42

Tgt Ion: 76 Resp: 3124
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#27

1,2-Dichloroethane

Concen: 0.594 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.071 min

Lab File: VU045208.D

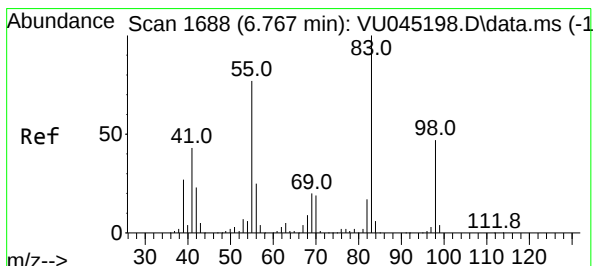
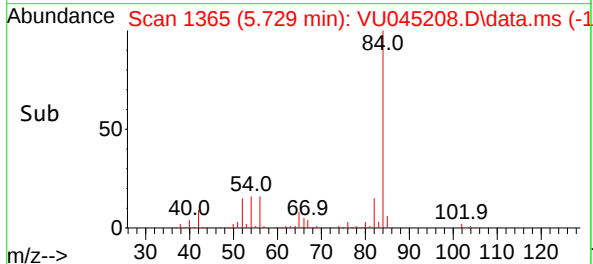
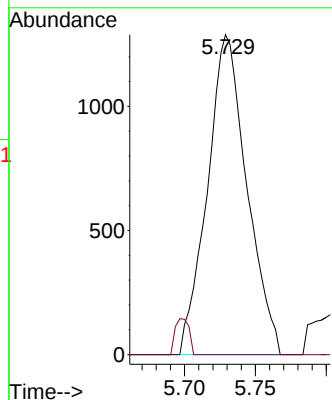
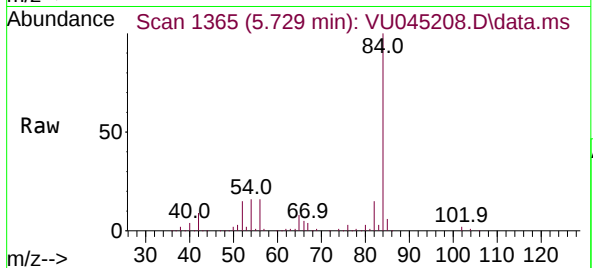
Acq: 07 Oct 2021 13:42

Tgt Ion: 62 Resp: 2497

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



#35

Methylcyclohexane

Concen: 7.803 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU045208.D

Acq: 07 Oct 2021 13:42

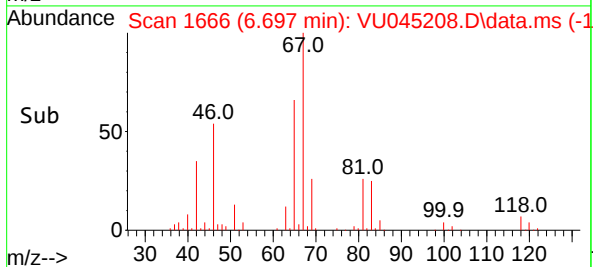
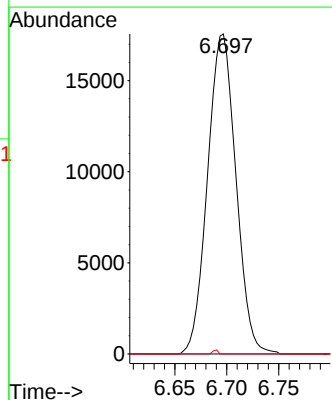
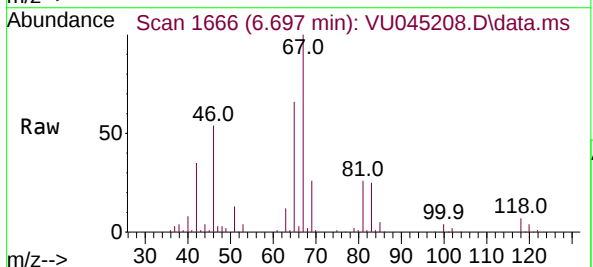
Tgt Ion: 83 Resp: 33396

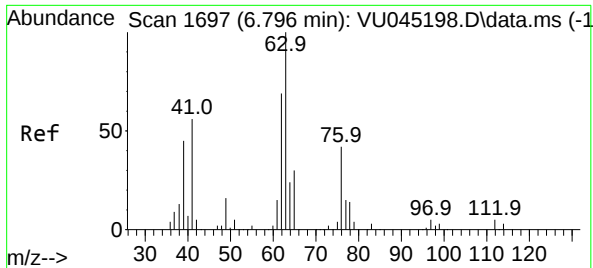
Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.6#

98 0.2 37.1 55.7#

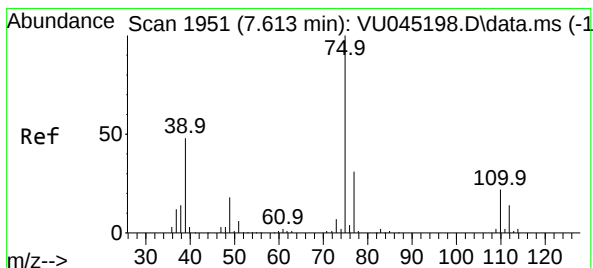
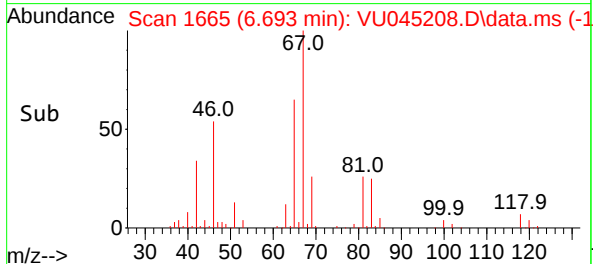
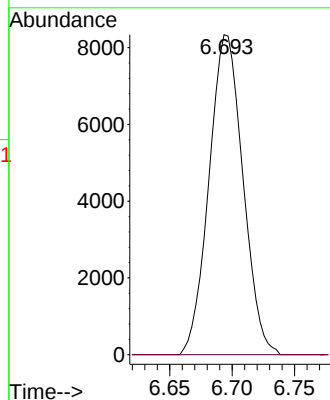
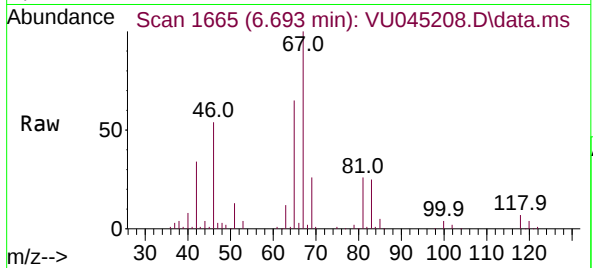




#37
1,2-Dichloropropane
Concen: 5.448 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045208.D
Acq: 07 Oct 2021 13:42

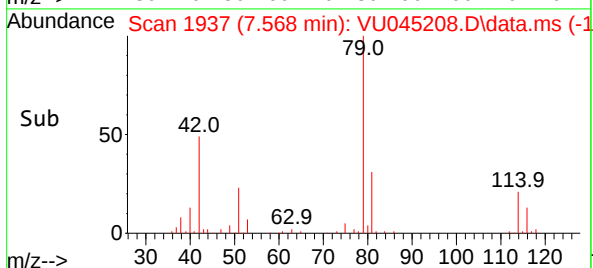
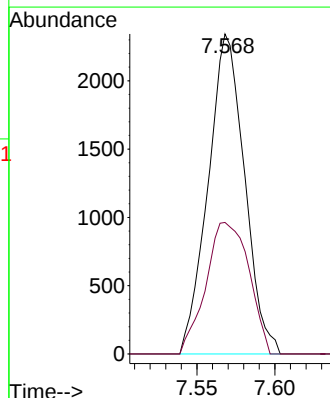
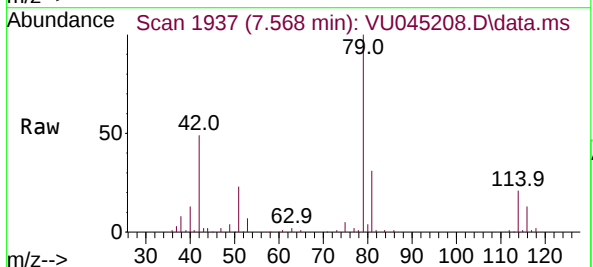
Instrument :
MSVOA_U
ClientSampled :

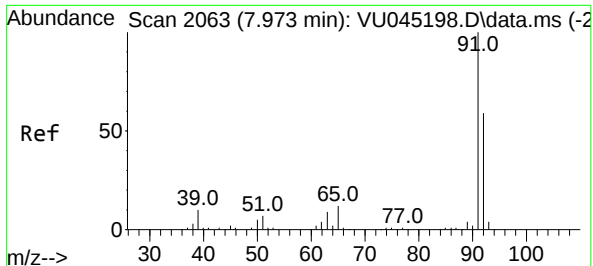
Tgt Ion: 63 Resp: 15787
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.916 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045208.D
Acq: 07 Oct 2021 13:42

Tgt Ion: 75 Resp: 3800
Ion Ratio Lower Upper
75 100
77 41.1 22.4 41.6

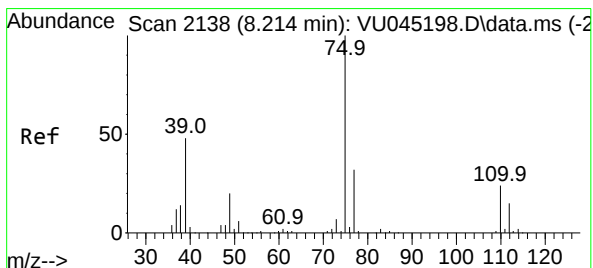
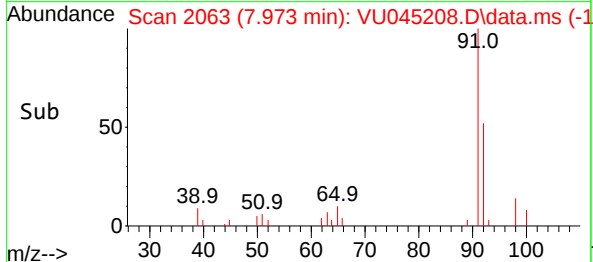
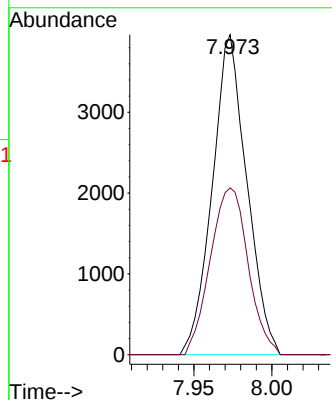
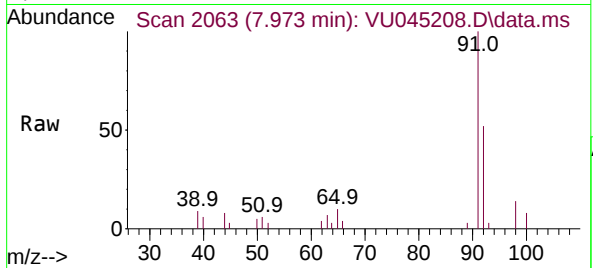




#42
Toluene
Concen: 0.563 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045208.D
Acq: 07 Oct 2021 13:42

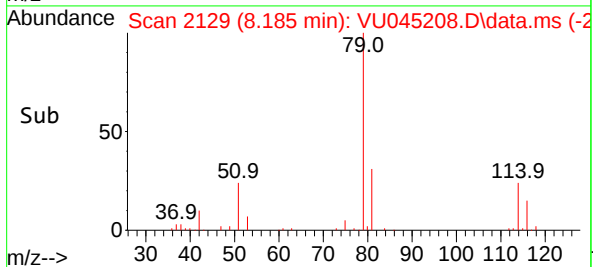
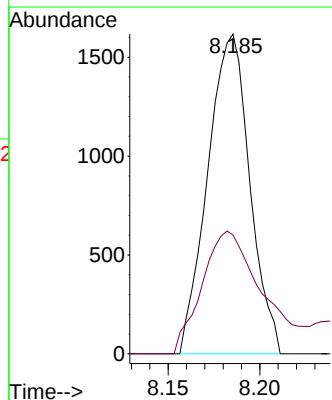
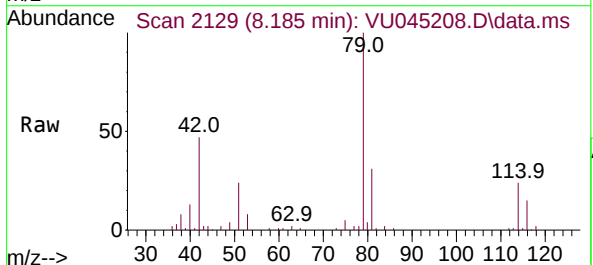
Instrument :
MSVOA_U
ClientSampled :

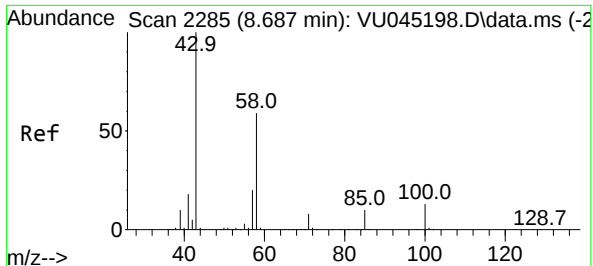
Tgt Ion: 91 Resp: 6092
Ion Ratio Lower Upper
91 100
92 52.1 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.655 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045208.D
Acq: 07 Oct 2021 13:42

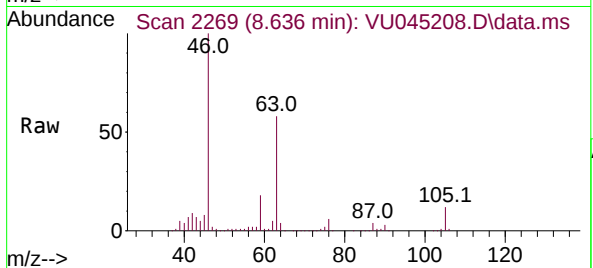
Tgt Ion: 75 Resp: 2581
Ion Ratio Lower Upper
75 100
77 37.1 21.7 40.3



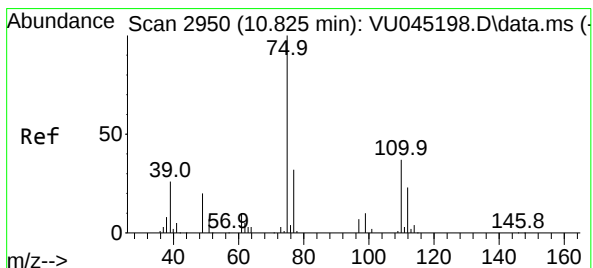
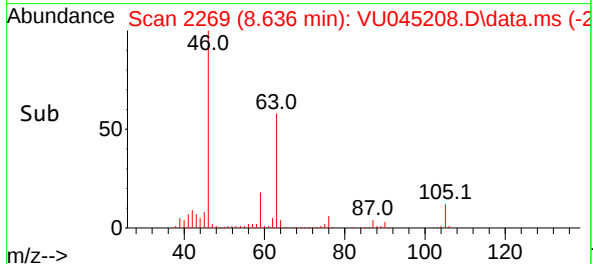
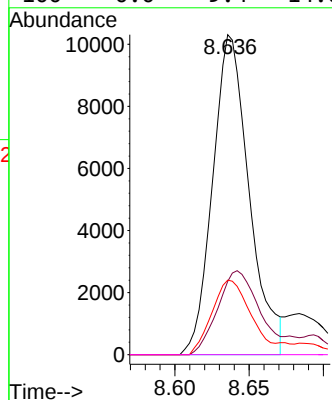


#48
2-Hexanone
Concen: 4.098 ug/L
RT: 8.636 min Scan# 2269
Delta R.T. -0.051 min
Lab File: VU045208.D
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Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 43	Resp: 17593
Ion Ratio	Lower Upper
43 100	
58 29.7	44.9 67.3#
57 24.8	15.5 23.3#
100 0.0	9.4 14.0#



#60
1,2,3-Trichloropropane
Concen: 4.876 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045208.D
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Tgt Ion: 75	Resp: 16914
Ion Ratio	Lower Upper
75 100	
77 31.2	25.5 38.3
110 1.9	29.0 43.4#

