

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451193.D
 Acq On : 06 Oct 2021 18:12
 Operator : SY/MD
 Sample : M3974-10ME
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:03:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

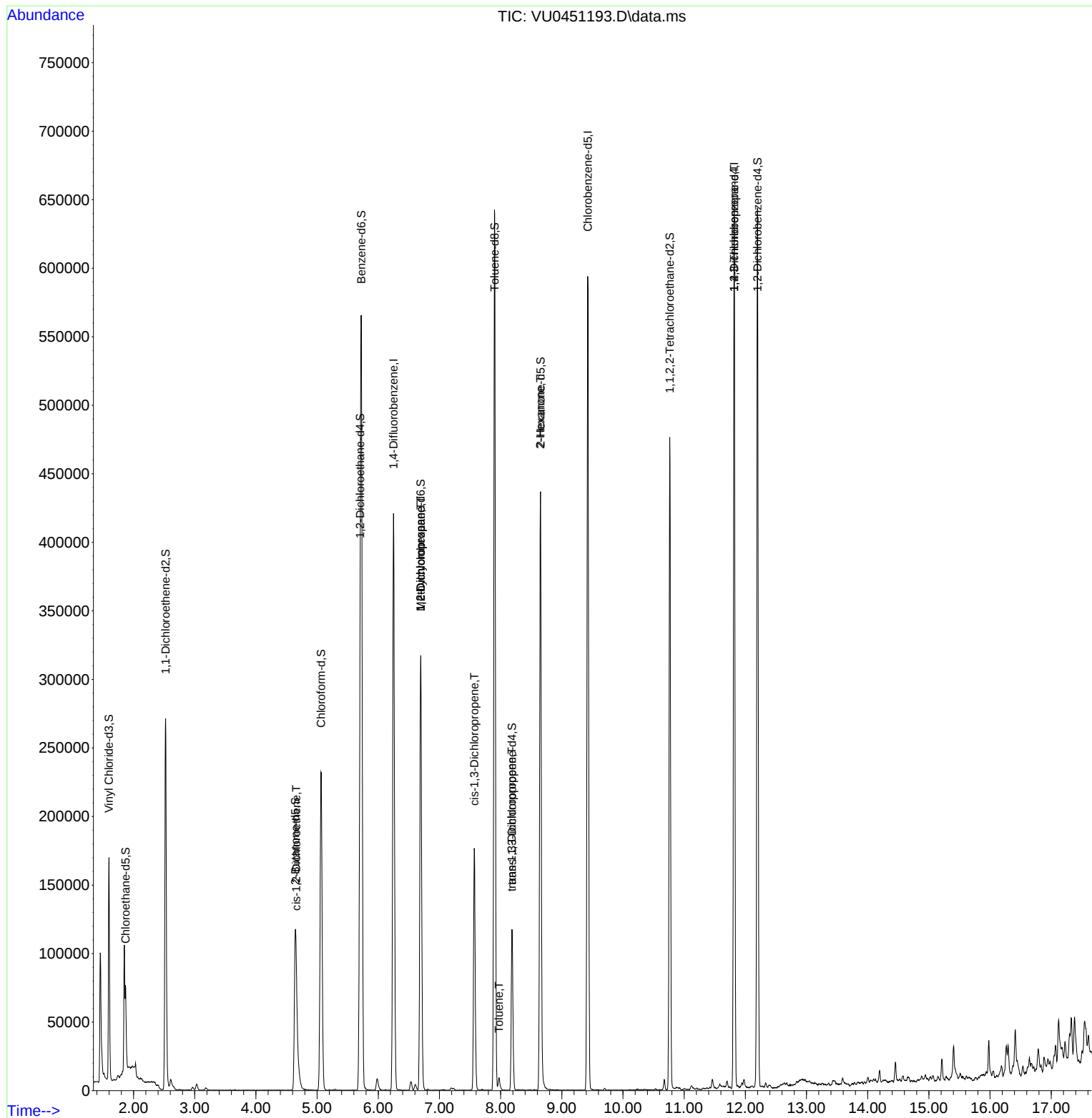
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	343970	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	329190	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	157705	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	124258	32.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.000%
7) Chloroethane-d5	1.871	69	40353	13.524	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	27.040%#
11) 1,1-Dichloroethene-d2	2.524	63	176954	27.983	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.960%#
21) 2-Butanone-d5	4.646	46	220417	74.043	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.040%
24) Chloroform-d	5.064	84	221397	37.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.460%
26) 1,2-Dichloroethane-d4	5.704	65	159828	39.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.360%
32) Benzene-d6	5.723	84	470171	41.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.320%
36) 1,2-Dichloropropane-d6	6.694	67	151103	40.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.140%
41) Toluene-d8	7.900	98	421629	42.772	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.540%
43) trans-1,3-Dichloroprop...	8.186	79	69964	42.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.460%
47) 2-Hexanone-d5	8.652	63	170639	82.672	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.670%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	235215	40.555	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.120%
66) 1,2-Dichlorobenzene-d4	12.198	152	153521	44.731	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.460%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.659	96	3570	1.155	ug/L	84
35) Methylcyclohexane	6.694	83	35353	7.201	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	16803	5.055	ug/L #	88
39) cis-1,3-Dichloropropene	7.572	75	4285	0.901	ug/L #	63
42) Toluene	7.974	91	6729	0.542	ug/L	97
44) trans-1,3-Dichloropropene	8.182	75	2976	0.658	ug/L	84
48) 2-Hexanone	8.649	43	19690	3.998	ug/L #	66
60) 1,2,3-Trichloropropane	11.816	75	21494	4.928	ug/L #	68

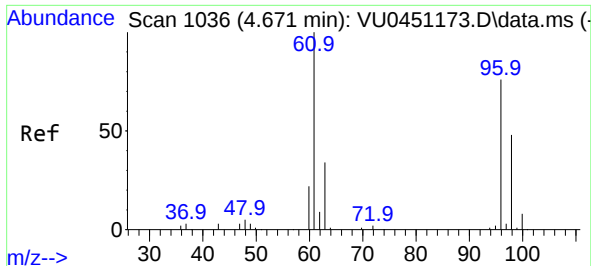
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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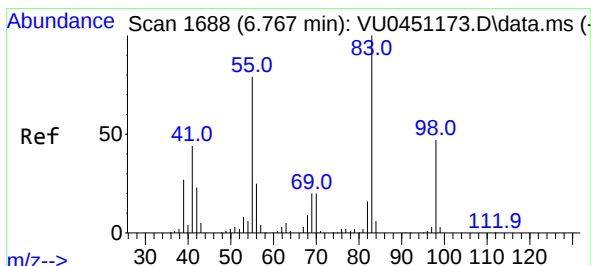
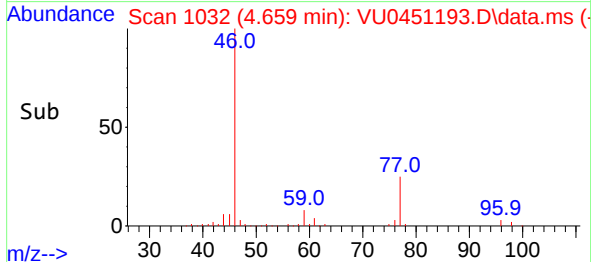
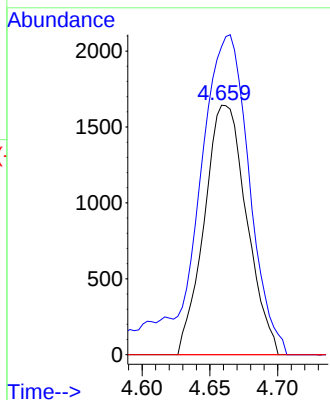
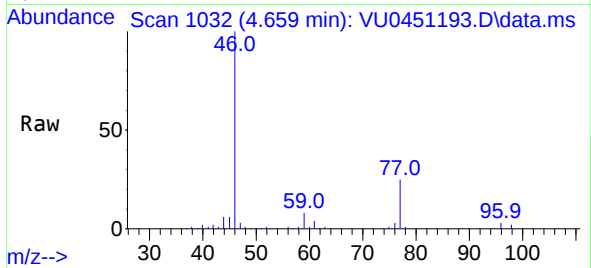


#20
 cis-1,2-Dichloroethene
 Concen: 1.155 ug/L
 RT: 4.659 min Scan# 1032
 Delta R.T. -0.012 min
 Lab File: VU0451193.D
 Acq: 06 Oct 2021 18:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 3570

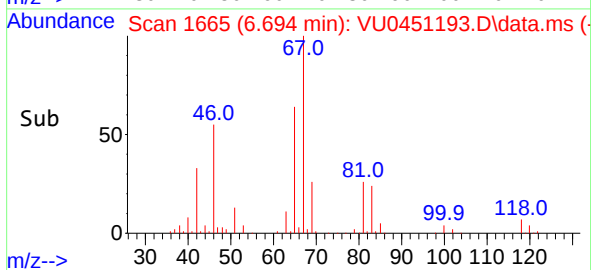
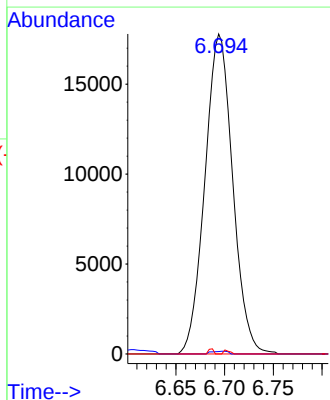
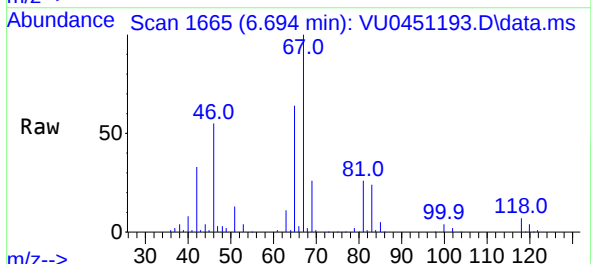
Ion	Ratio	Lower	Upper
96	100		
61	123.5	100.2	186.0
68	0.0	0.0	0.0

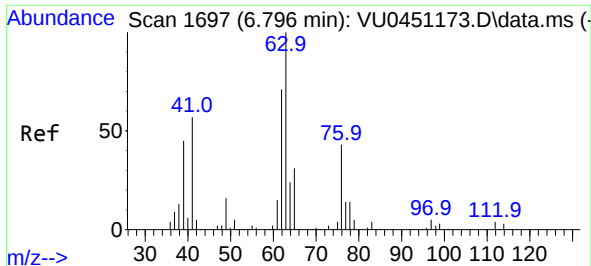


#35
 Methylcyclohexane
 Concen: 7.201 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.074 min
 Lab File: VU0451193.D
 Acq: 06 Oct 2021 18:12

Tgt Ion: 83 Resp: 35353

Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.8	98.6#
98	0.3	37.1	55.7#

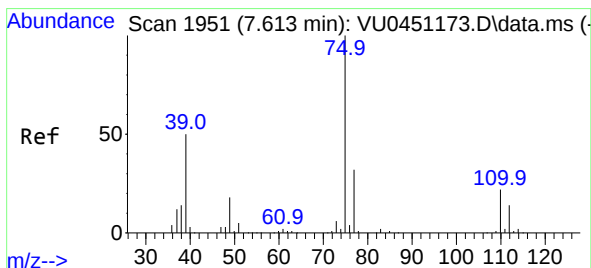
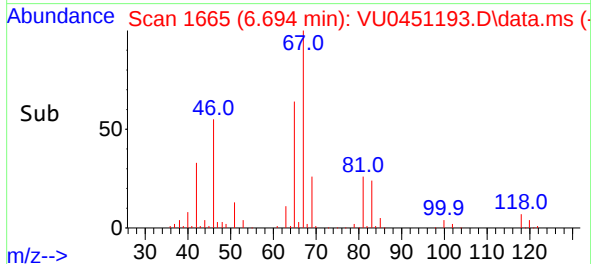
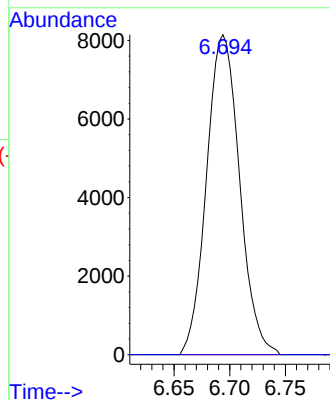
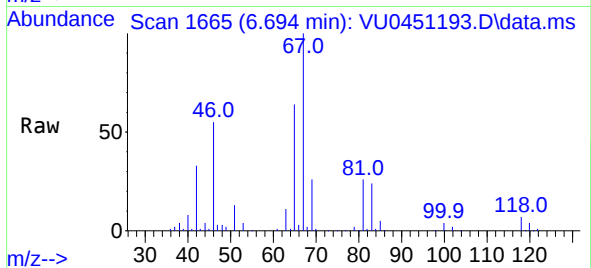




#37
1,2-Dichloropropane
Concen: 5.055 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.102 min
Lab File: VU0451193.D
Acq: 06 Oct 2021 18:12

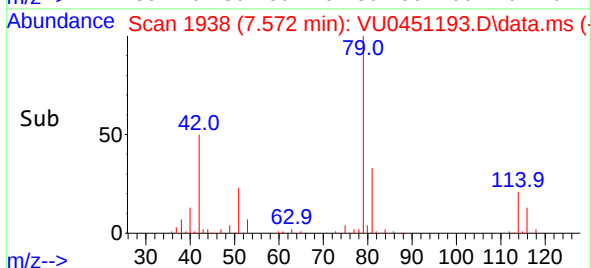
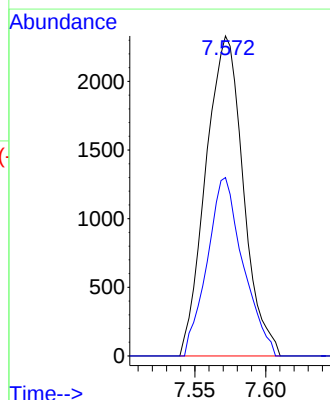
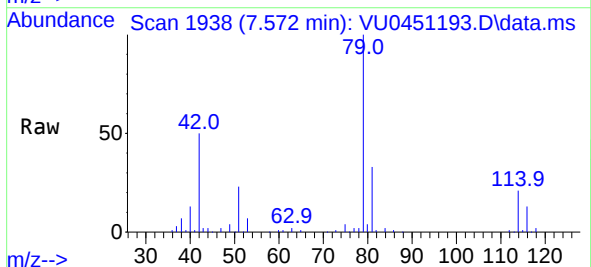
Instrument :
MSVOA_U
ClientSampleId :

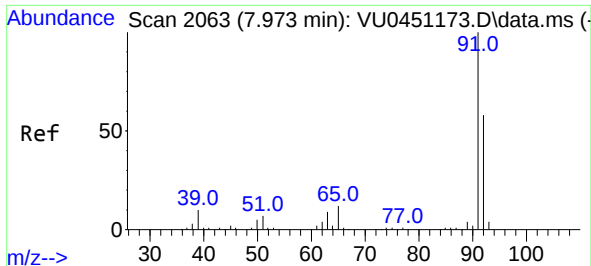
Tgt Ion: 63 Resp: 16803
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.901 ug/L
RT: 7.572 min Scan# 1938
Delta R.T. -0.041 min
Lab File: VU0451193.D
Acq: 06 Oct 2021 18:12

Tgt Ion: 75 Resp: 4285
Ion Ratio Lower Upper
75 100
77 52.8 22.4 41.6#

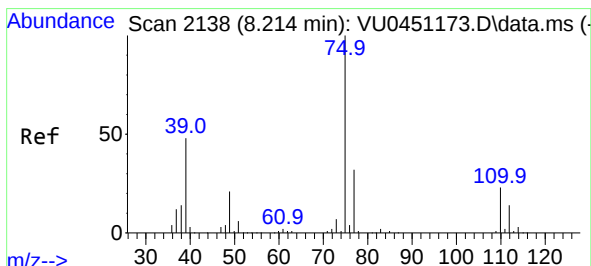
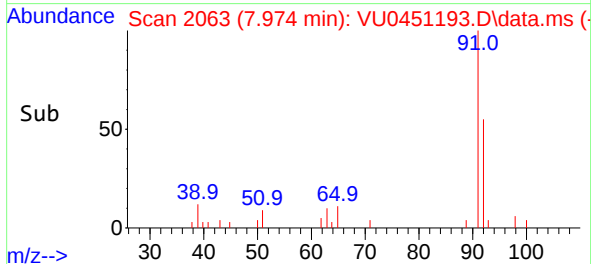
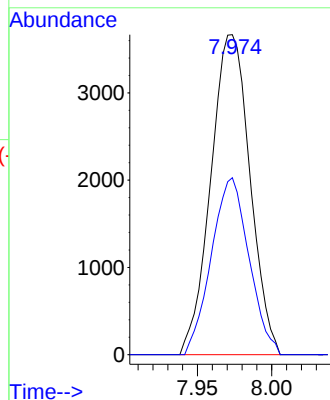
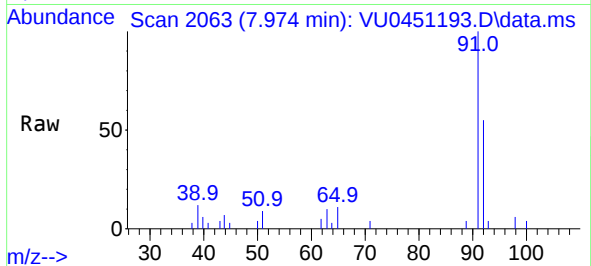




#42
Toluene
Concen: 0.542 ug/L
RT: 7.974 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU0451193.D
Acq: 06 Oct 2021 18:12

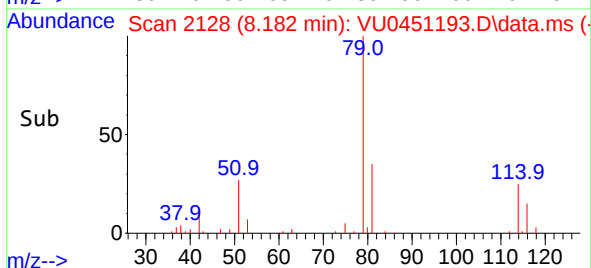
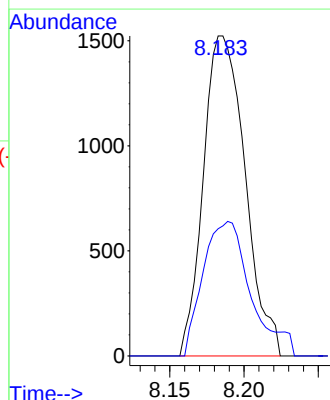
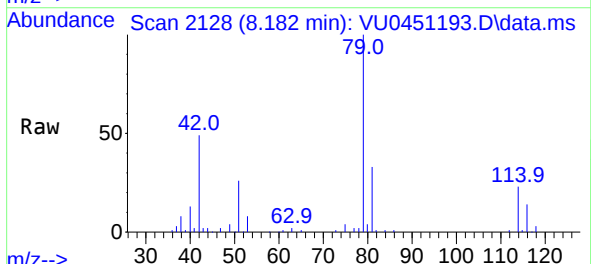
Instrument :
MSVOA_U
ClientSampleId :

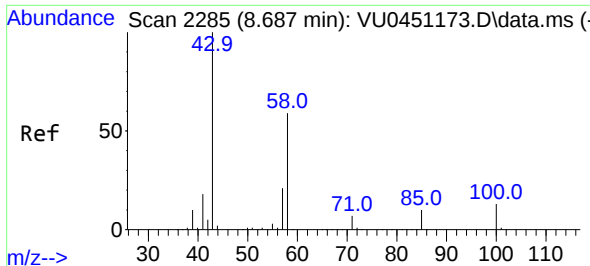
Tgt Ion: 91 Resp: 6729
Ion Ratio Lower Upper
91 100
92 55.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.658 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU0451193.D
Acq: 06 Oct 2021 18:12

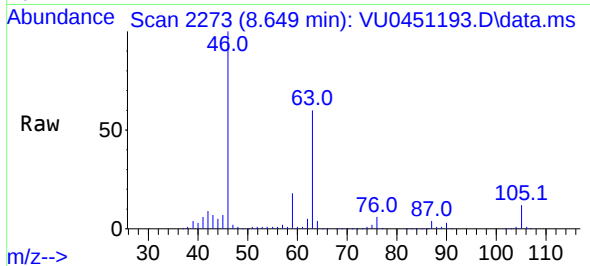
Tgt Ion: 75 Resp: 2976
Ion Ratio Lower Upper
75 100
77 39.7 21.7 40.3



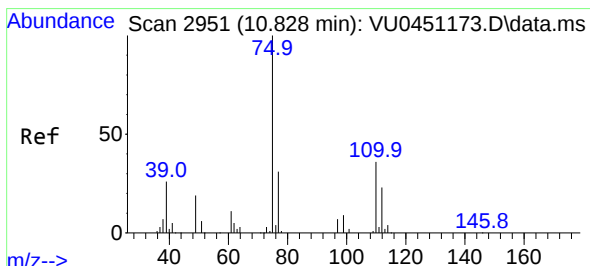
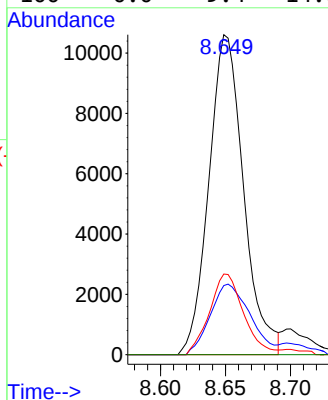
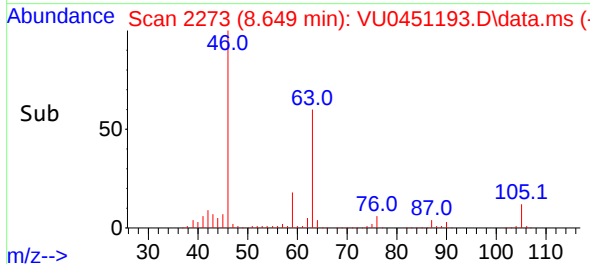


#48
2-Hexanone
Concen: 3.998 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.038 min
Lab File: VU0451193.D
Acq: 06 Oct 2021 18:12

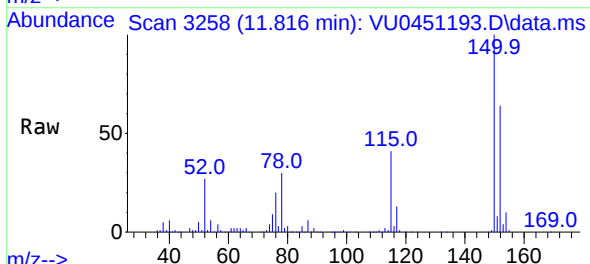
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	19690
Ion	Ratio	Lower	Upper
43	100		
58	25.2	44.9	67.3#
57	24.8	15.5	23.3#
100	0.0	9.4	14.0#



#60
1,2,3-Trichloropropane
Concen: 4.928 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU0451193.D
Acq: 06 Oct 2021 18:12



Tgt Ion:	75	Resp:	21494
Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.5	38.3
110	2.1	29.0	43.4#

