

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045293.D
 Acq On : 12 Oct 2021 15:46
 Operator : SY/MD
 Sample : M4103-08ME
 Misc : 4.33g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 13 02:53:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 13 02:48:52 2021
 Response via : Initial Calibration

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

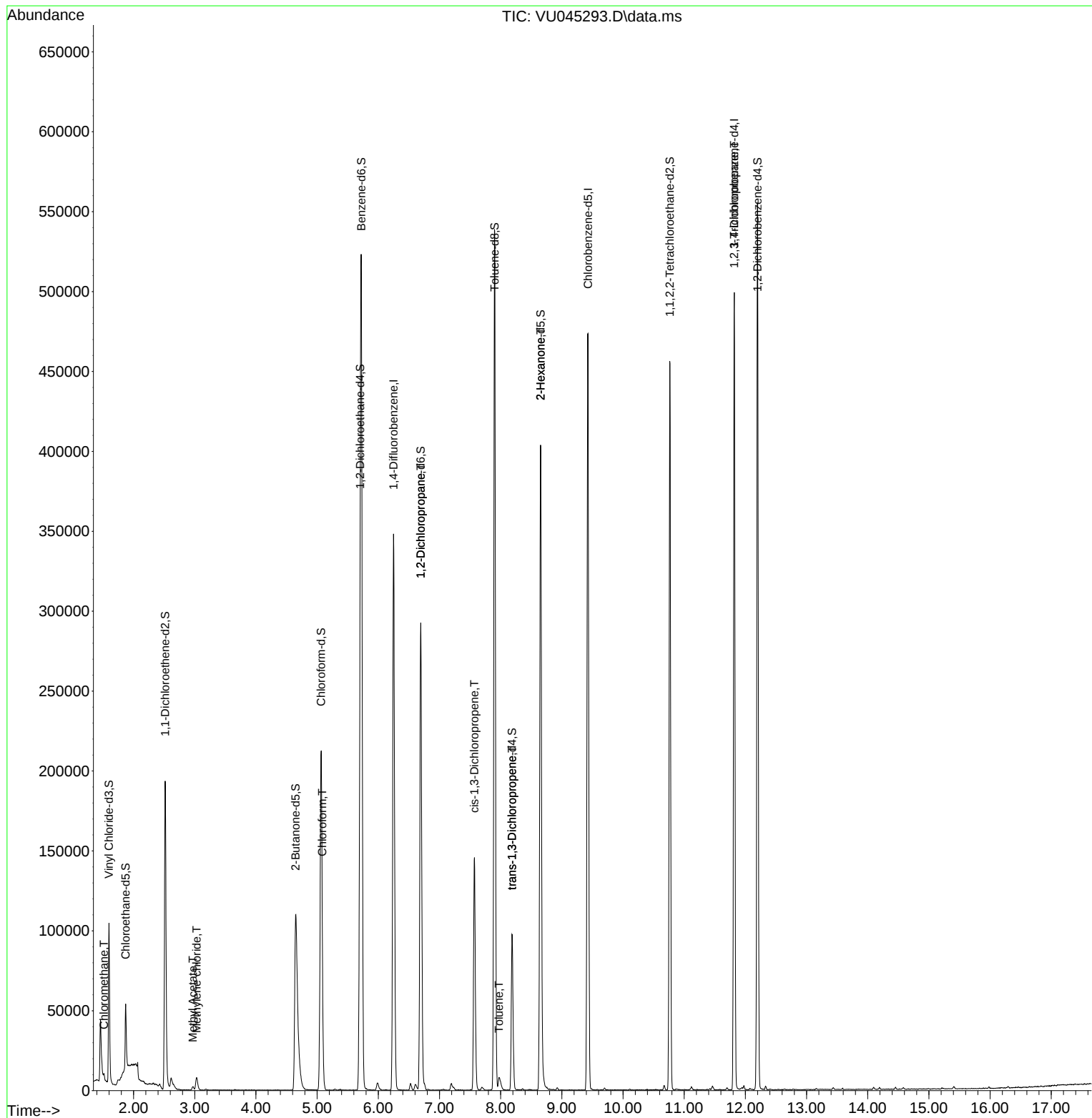
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	290841	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	273892	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	124217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80624	25.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	50.640%#		
7) Chloroethane-d5	1.871	69	29441	11.669	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	23.340%#		
11) 1,1-Dichloroethene-d2	2.517	63	131767	24.644	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.280%#		
21) 2-Butanone-d5	4.649	46	237224	94.246	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.250%		
24) Chloroform-d	5.067	84	207595	41.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.560%		
26) 1,2-Dichloroethane-d4	5.703	65	151947	44.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.220%		
32) Benzene-d6	5.723	84	430218	45.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.540%		
36) 1,2-Dichloropropane-d6	6.694	67	146272	47.201	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.400%		
41) Toluene-d8	7.899	98	366172	44.646	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.300%		
43) trans-1,3-Dichloroprop...	8.186	79	61351	44.506	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.020%		
47) 2-Hexanone-d5	8.652	63	163398	95.146	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.150%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	230217	47.707	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.420%		
66) 1,2-Dichlorobenzene-d4	12.198	152	134739	49.842	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.680%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	2466	0.710	ug/L	95
15) Methyl Acetate	2.970	43	3020	0.842	ug/L #	73
16) Methylene chloride	3.031	84	4377	1.534	ug/L	91
25) Chloroform	5.083	83	3126	0.637	ug/L #	68
37) 1,2-Dichloropropane	6.694	63	16020	5.792	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3875	0.979	ug/L #	75
42) Toluene	7.973	91	5727	0.555	ug/L	95
44) trans-1,3-Dichloropropene	8.186	75	2562	0.681	ug/L #	75
48) 2-Hexanone	8.652	43	19580	4.779	ug/L #	68
60) 1,2,3-Trichloropropane	11.816	75	16825	4.897	ug/L #	68

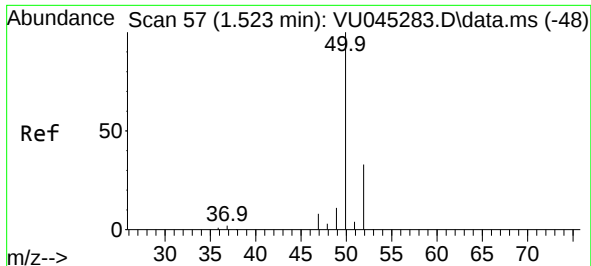
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 13 02:48:52 2021
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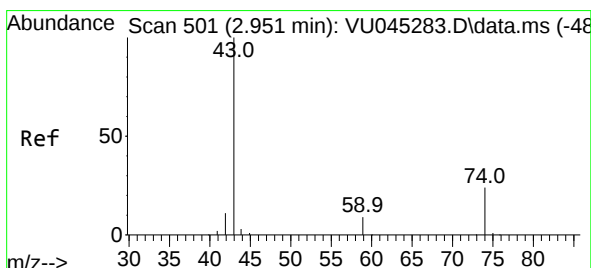
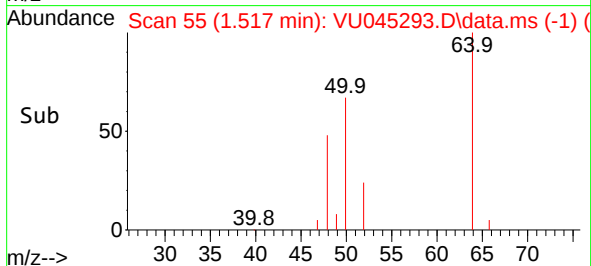
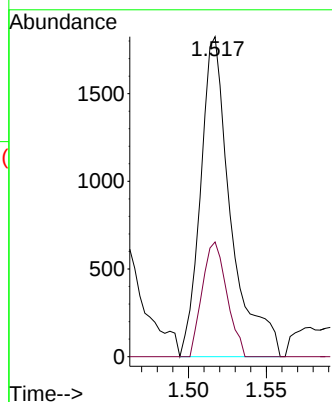
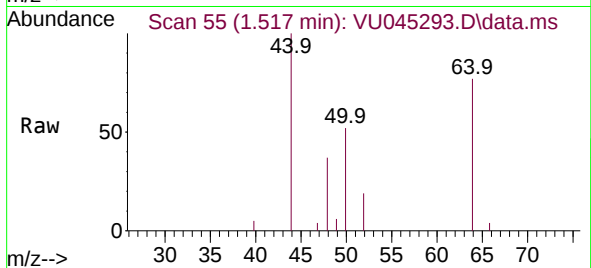




#3
Chloromethane
Concen: 0.710 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.006 min
Lab File: VU045293.D
Acq: 12 Oct 2021 15:46

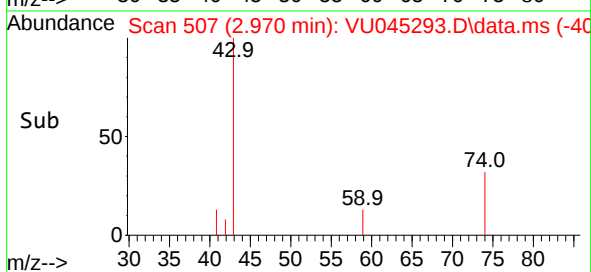
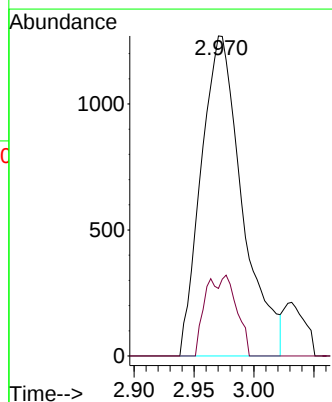
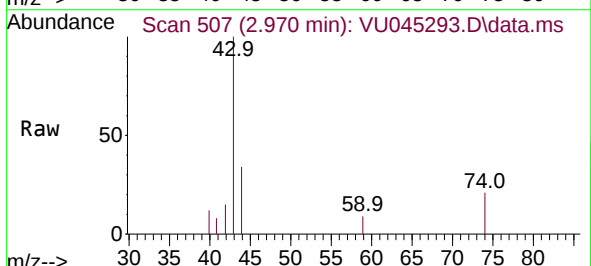
Instrument :
MSVOA_U
ClientSampleId :

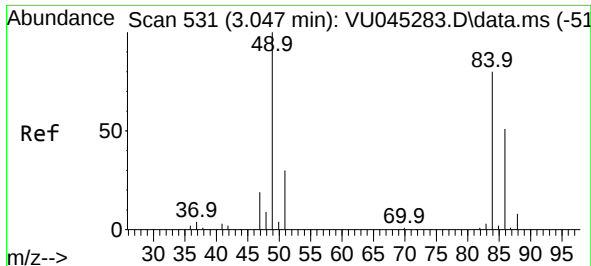
Tgt Ion: 50 Resp: 2466
Ion Ratio Lower Upper
50 100
52 35.8 23.0 42.8



#15
Methyl Acetate
Concen: 0.842 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.019 min
Lab File: VU045293.D
Acq: 12 Oct 2021 15:46

Tgt Ion: 43 Resp: 3020
Ion Ratio Lower Upper
43 100
74 9.9 18.4 27.6#

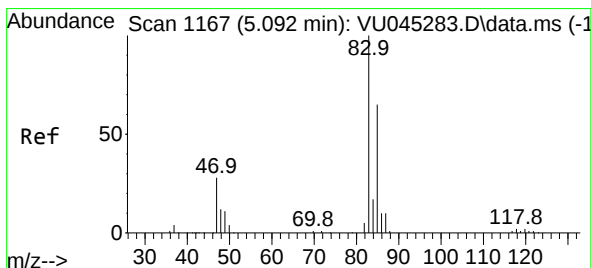
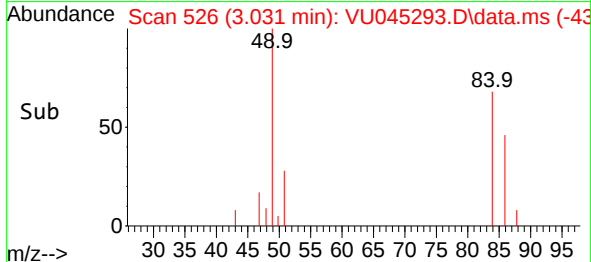
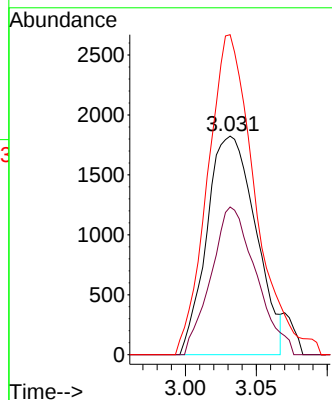
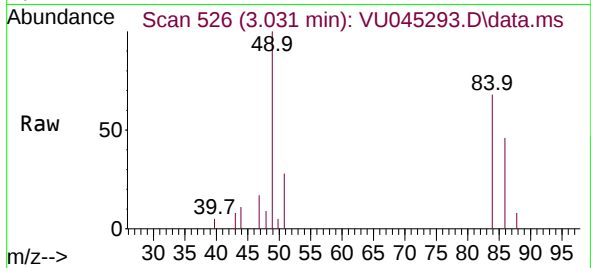




#16
Methylene chloride
Concen: 1.534 ug/L
RT: 3.031 min Scan# 526
Delta R.T. -0.016 min
Lab File: VU045293.D
Acq: 12 Oct 2021 15:46

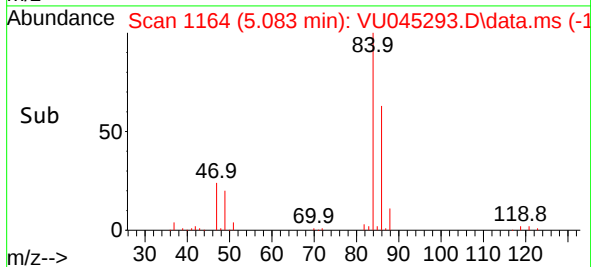
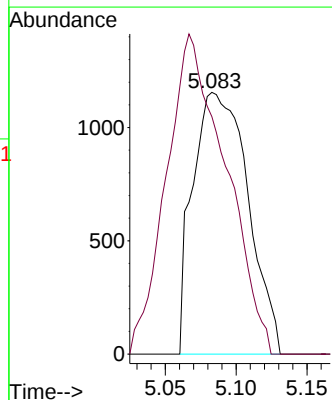
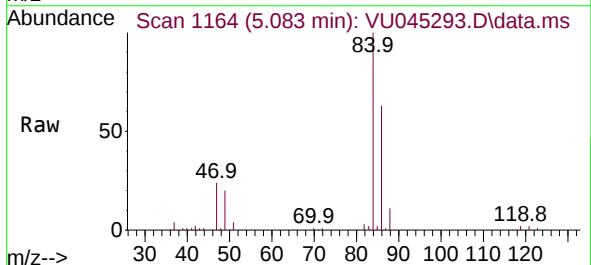
Instrument :
MSVOA_U
ClientSampled :

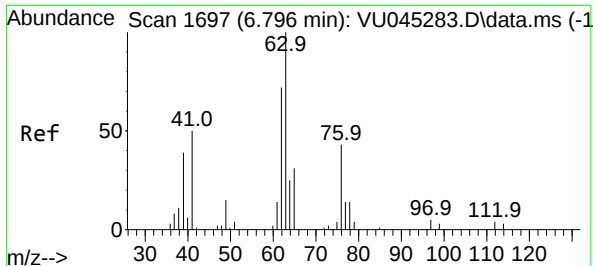
Tgt Ion:	84	Resp:	4377
Ion	Ratio	Lower	Upper
84	100		
86	67.5	44.7	83.1
49	146.4	92.9	172.5



#25
Chloroform
Concen: 0.637 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.009 min
Lab File: VU045293.D
Acq: 12 Oct 2021 15:46

Tgt Ion:	83	Resp:	3126
Ion	Ratio	Lower	Upper
83	100		
85	90.7	45.6	84.6#



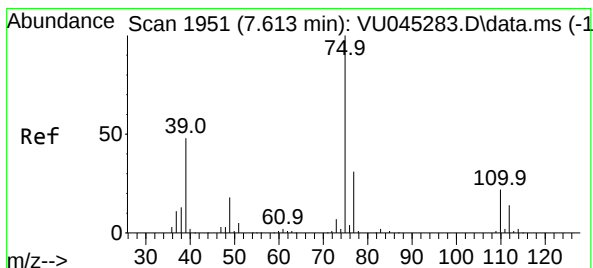
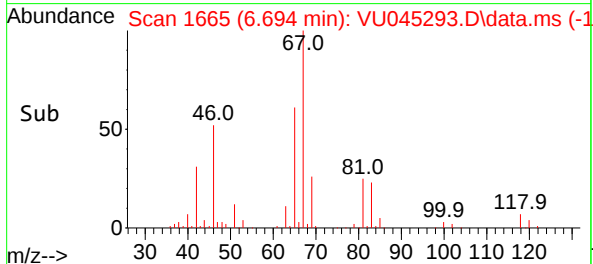
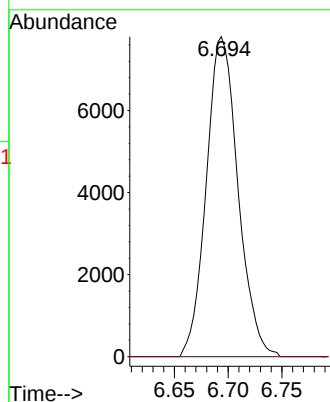
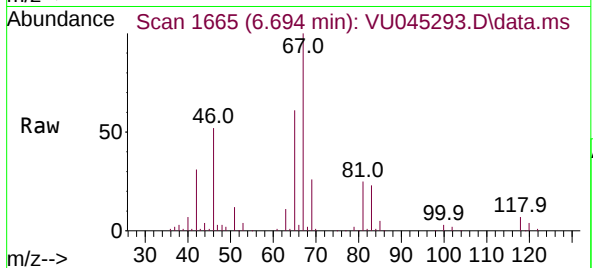


#37

1,2-Dichloropropane
Concen: 5.792 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045293.D
Acq: 12 Oct 2021 15:46

Instrument :
MSVOA_U
ClientSampled :

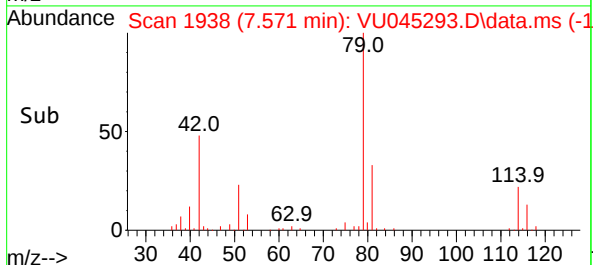
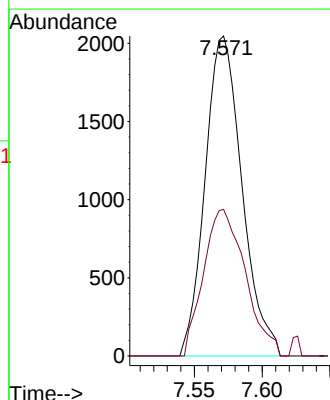
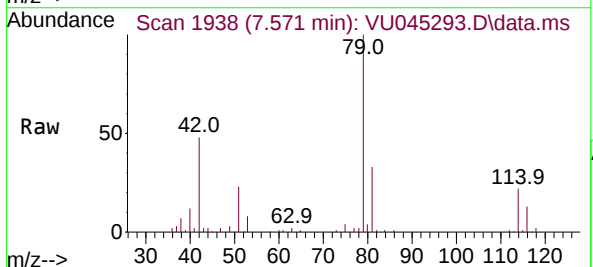
Tgt Ion: 63 Resp: 16020
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

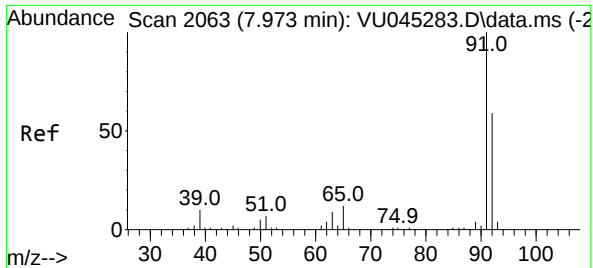


#39

cis-1,3-Dichloropropene
Concen: 0.979 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045293.D
Acq: 12 Oct 2021 15:46

Tgt Ion: 75 Resp: 3875
Ion Ratio Lower Upper
75 100
77 45.8 22.4 41.6#

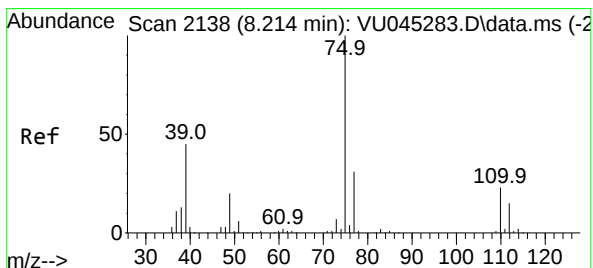
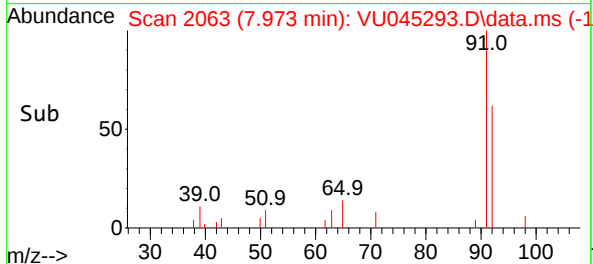
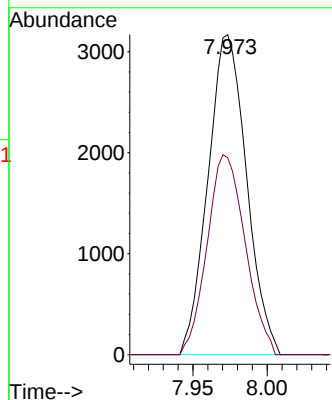
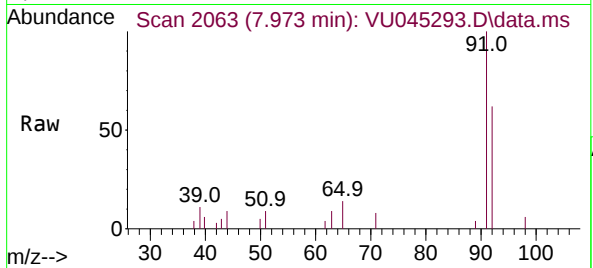




#42
Toluene
Concen: 0.555 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045293.D
Acq: 12 Oct 2021 15:46

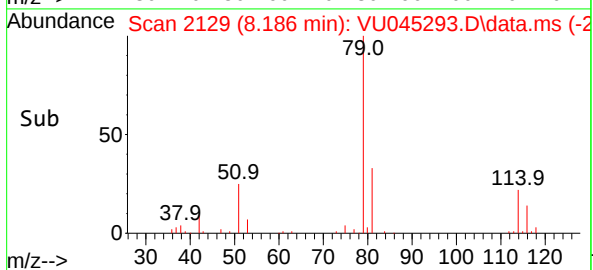
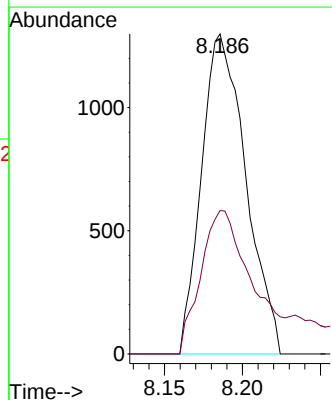
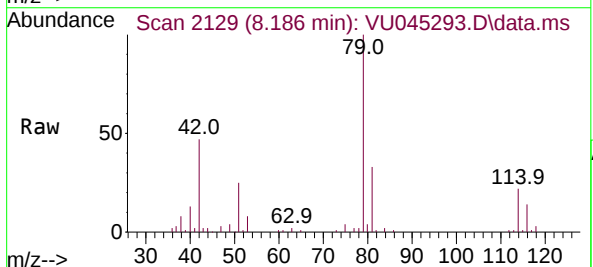
Instrument :
MSVOA_U
ClientSampled :

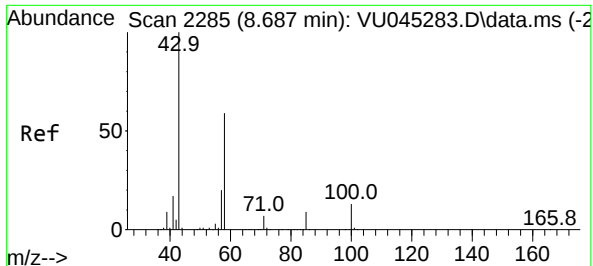
Tgt Ion: 91 Resp: 5727
Ion Ratio Lower Upper
91 100
92 61.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.681 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045293.D
Acq: 12 Oct 2021 15:46

Tgt Ion: 75 Resp: 2562
Ion Ratio Lower Upper
75 100
77 44.8 21.7 40.3#

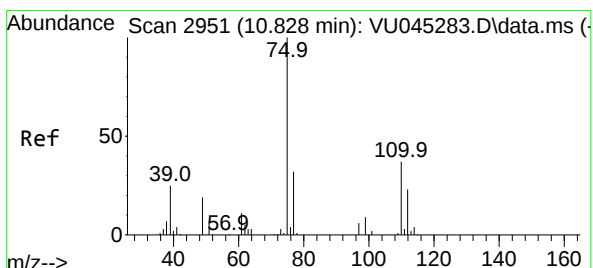
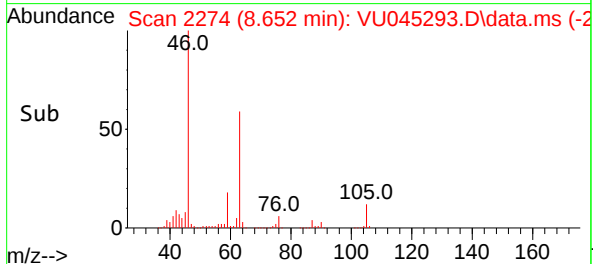
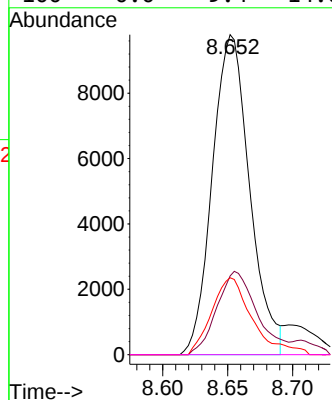
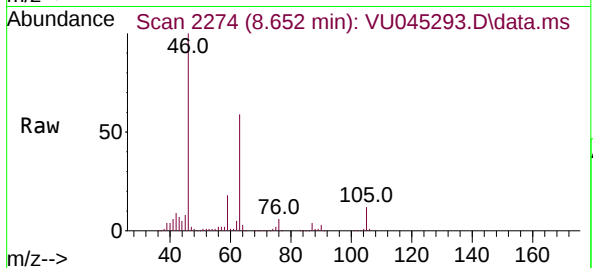




#48
2-Hexanone
Concen: 4.779 ug/L
RT: 8.652 min Scan# 2274
Delta R.T. -0.035 min
Lab File: VU045293.D
Acq: 12 Oct 2021 15:46

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43	Resp:	19580
Ion Ratio	Lower	Upper
43	100	
58	28.2	44.9 67.3#
57	26.1	15.5 23.3#
100	0.0	9.4 14.0#



#60
1,2,3-Trichloropropane
Concen: 4.897 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045293.D
Acq: 12 Oct 2021 15:46

Tgt Ion: 75	Resp:	16825
Ion Ratio	Lower	Upper
75	100	
77	32.8	25.5 38.3
110	1.9	29.0 43.4#

