

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045289.D
 Acq On : 12 Oct 2021 14:11
 Operator : SY/MD
 Sample : M4103-04ME
 Misc : 4.78g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 13 02:52:59 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)

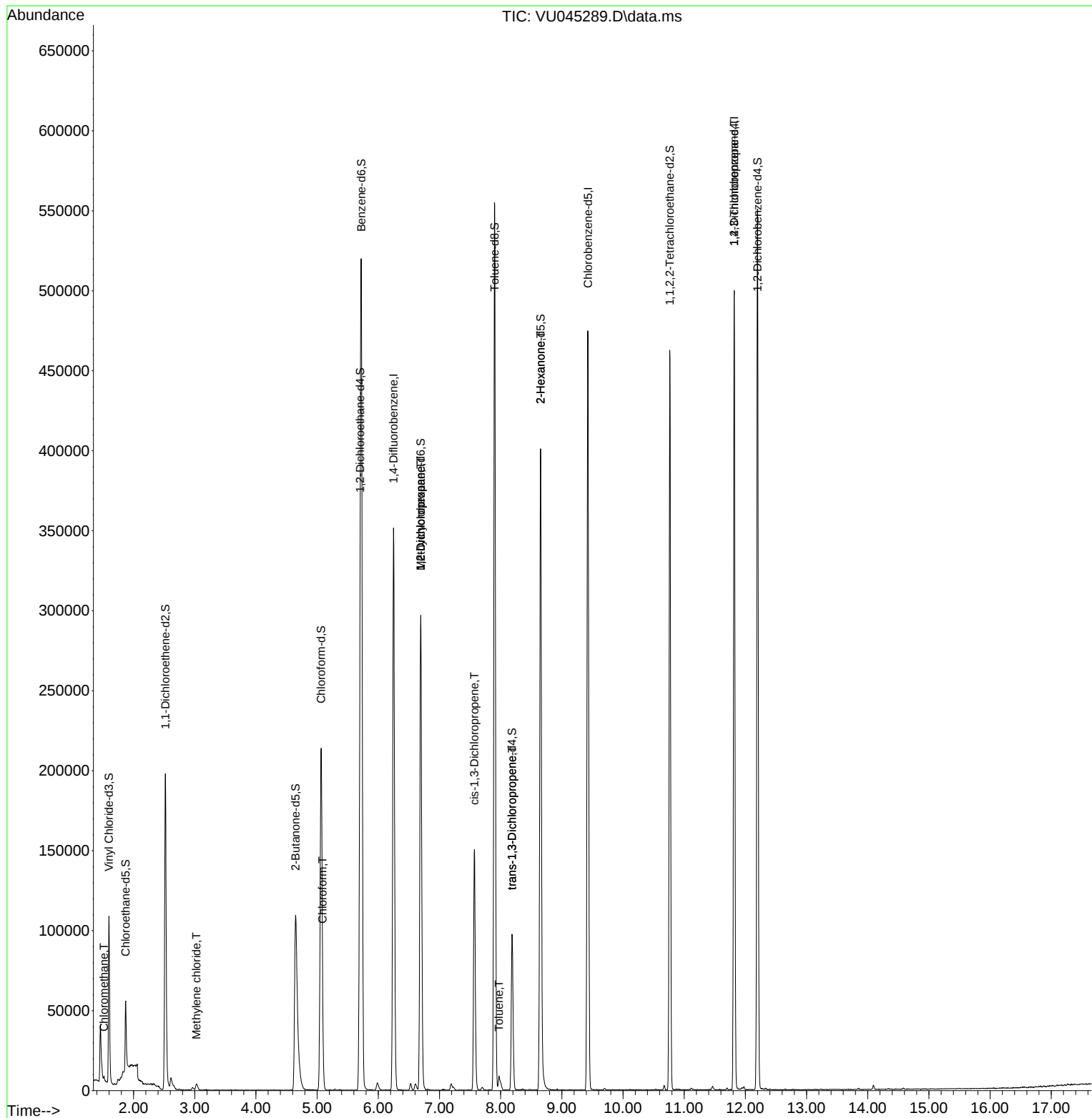
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	292633	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	272972	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	123429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	83141	25.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	51.900%#		
7) Chloroethane-d5	1.871	69	29550	11.641	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	23.280%#		
11) 1,1-Dichloroethene-d2	2.520	63	135581	25.202	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.400%#		
21) 2-Butanone-d5	4.649	46	229375	90.570	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.570%		
24) Chloroform-d	5.067	84	210106	41.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.060%		
26) 1,2-Dichloroethane-d4	5.703	65	152385	44.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.920%		
32) Benzene-d6	5.723	84	438605	46.305	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.620%		
36) 1,2-Dichloropropane-d6	6.694	67	147946	47.902	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.800%		
41) Toluene-d8	7.903	98	373155	45.650	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.300%		
43) trans-1,3-Dichloroprop...	8.186	79	62436	45.446	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.900%		
47) 2-Hexanone-d5	8.652	63	159676	93.292	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.290%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	229924	47.807	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.620%		
66) 1,2-Dichlorobenzene-d4	12.198	152	135124	50.304	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.600%		
Target Compounds						Qvalue
3) Chloromethane	1.517	50	2354	0.674	ug/L	96
16) Methylene chloride	3.028	84	2281	0.795	ug/L	98
25) Chloroform	5.089	83	3275	0.663	ug/L	77
35) Methylcyclohexane	6.694	83	34471	8.467	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	16214	5.882	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3916	0.993	ug/L #	55
42) Toluene	7.973	91	5767	0.561	ug/L	98
44) trans-1,3-Dichloropropene	8.186	75	2902	0.774	ug/L	90
48) 2-Hexanone	8.652	43	18702	4.580	ug/L #	68
60) 1,2,3-Trichloropropane	11.819	75	16339	4.786	ug/L #	69

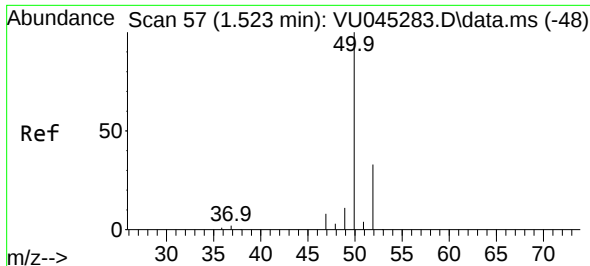
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 13 02:48:52 2021
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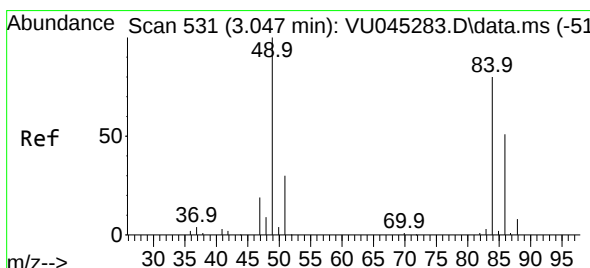
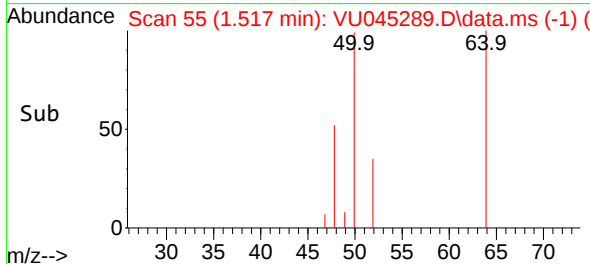
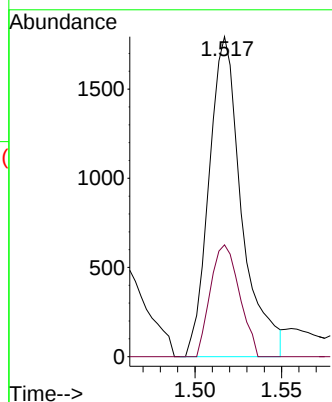
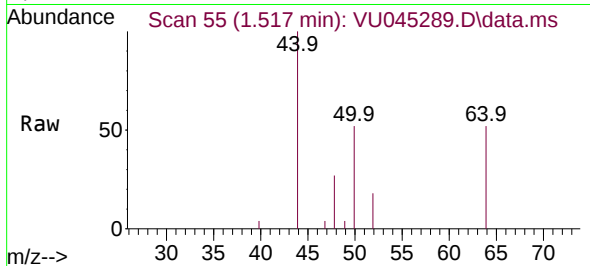




#3
Chloromethane
Concen: 0.674 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.006 min
Lab File: VU045289.D
Acq: 12 Oct 2021 14:11

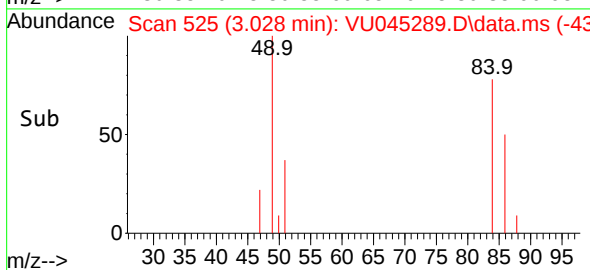
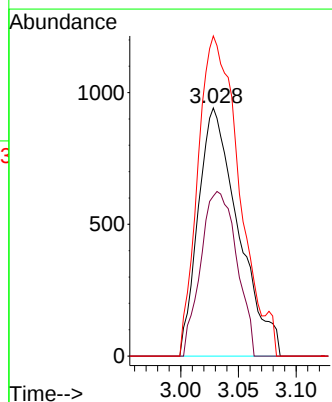
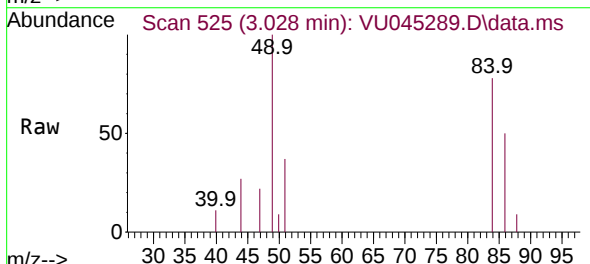
Instrument :
MSVOA_U
ClientSampled :

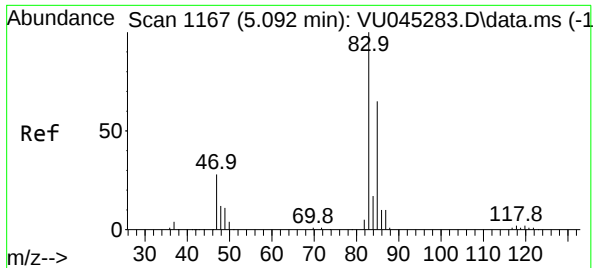
Tgt Ion: 50 Resp: 2354
Ion Ratio Lower Upper
50 100
52 34.9 23.0 42.8



#16
Methylene chloride
Concen: 0.795 ug/L
RT: 3.028 min Scan# 525
Delta R.T. -0.019 min
Lab File: VU045289.D
Acq: 12 Oct 2021 14:11

Tgt Ion: 84 Resp: 2281
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 129.0 92.9 172.5





#25

Chloroform

Concen: 0.663 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU045289.D

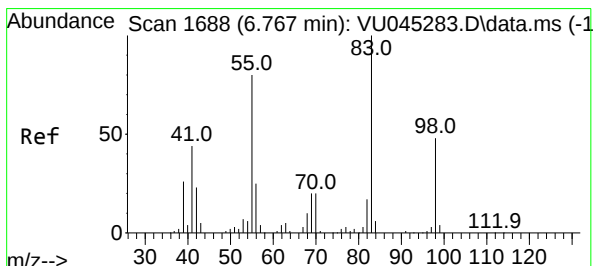
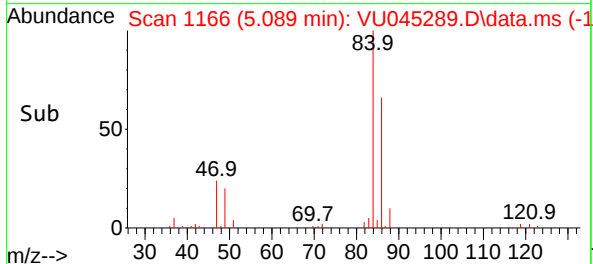
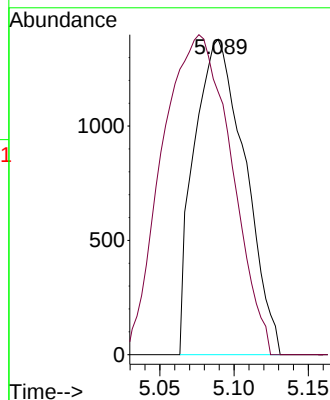
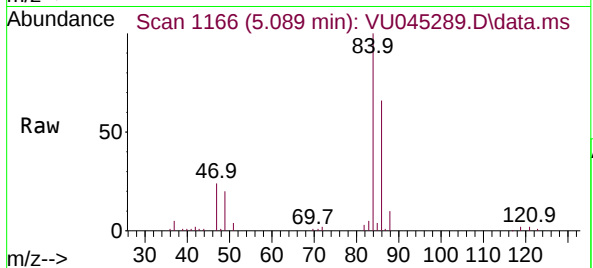
Acq: 12 Oct 2021 14:11

Tgt Ion: 83 Resp: 3275

Ion Ratio Lower Upper

83 100

85 83.3 45.6 84.6



#35

Methylcyclohexane

Concen: 8.467 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU045289.D

Acq: 12 Oct 2021 14:11

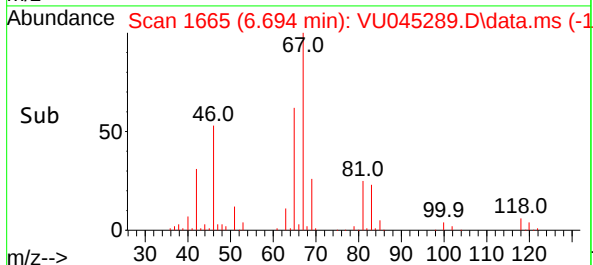
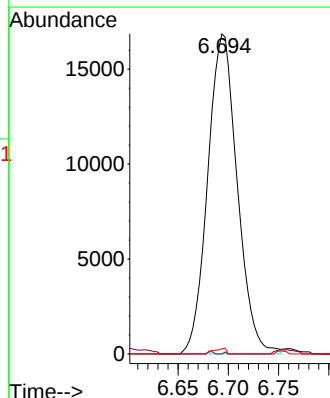
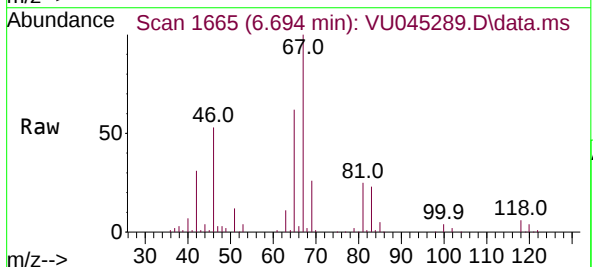
Tgt Ion: 83 Resp: 34471

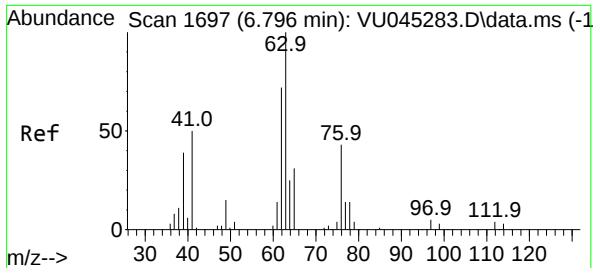
Ion Ratio Lower Upper

83 100

55 0.1 65.8 98.6#

98 0.7 37.1 55.7#



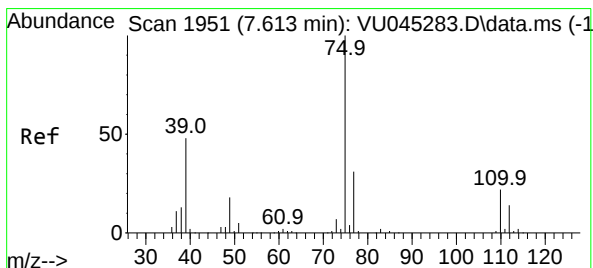
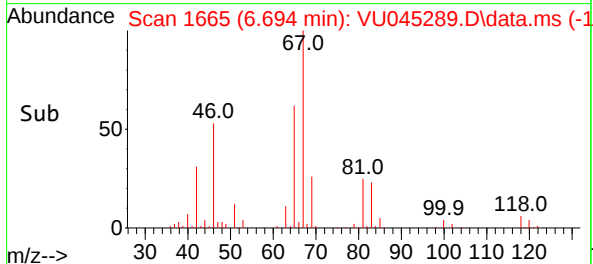
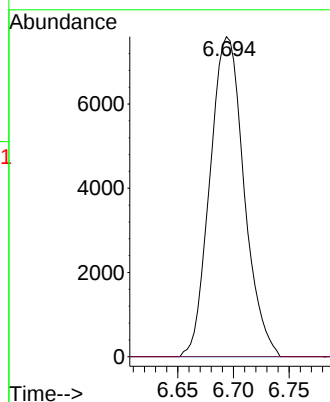
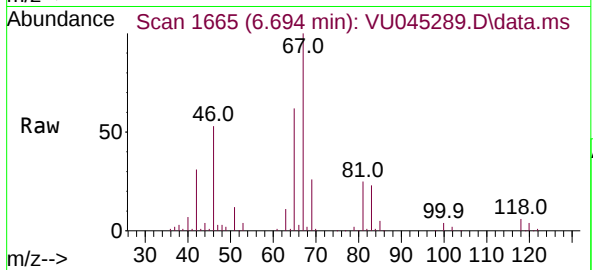


#37

1,2-Dichloropropane
Concen: 5.882 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045289.D
Acq: 12 Oct 2021 14:11

Instrument :
MSVOA_U
ClientSampled :

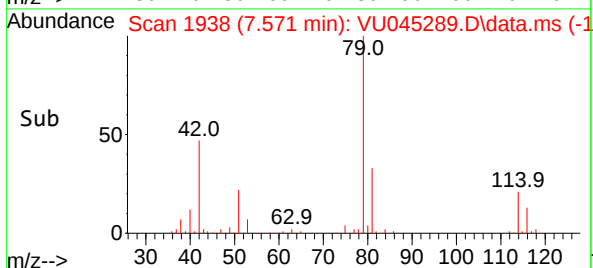
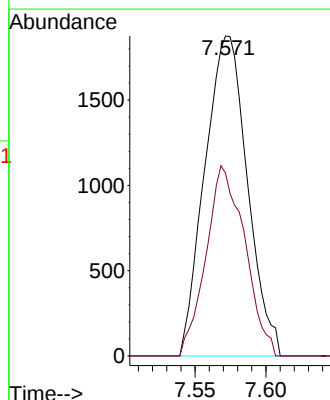
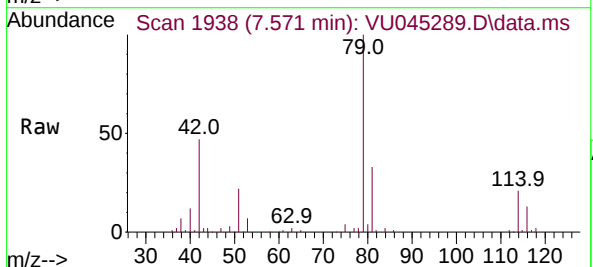
Tgt Ion: 63 Resp: 16214
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

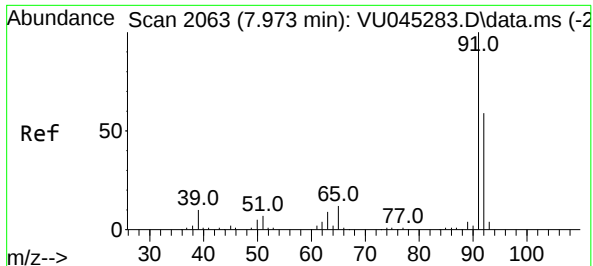


#39

cis-1,3-Dichloropropene
Concen: 0.993 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045289.D
Acq: 12 Oct 2021 14:11

Tgt Ion: 75 Resp: 3916
Ion Ratio Lower Upper
75 100
77 57.1 22.4 41.6#

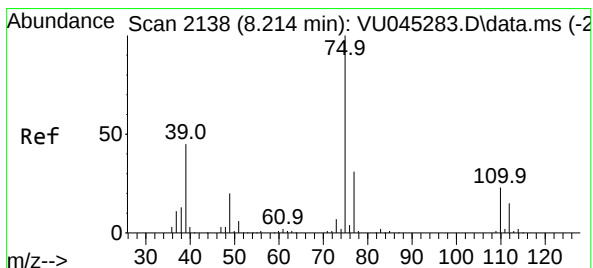
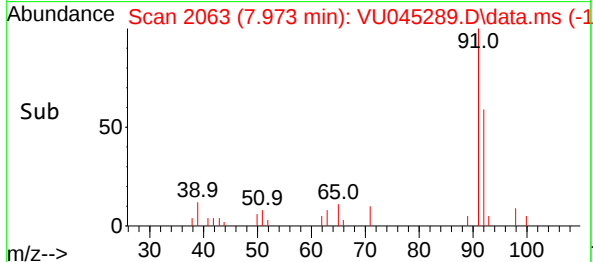
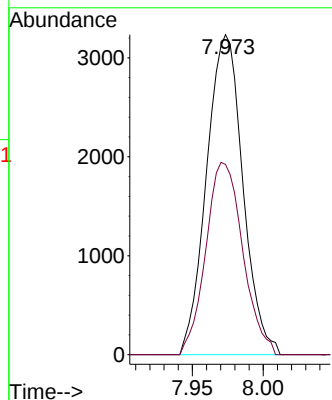
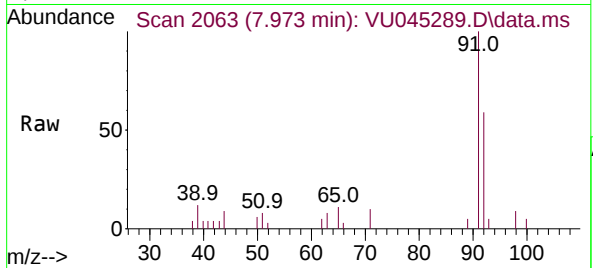




#42
Toluene
Concen: 0.561 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045289.D
Acq: 12 Oct 2021 14:11

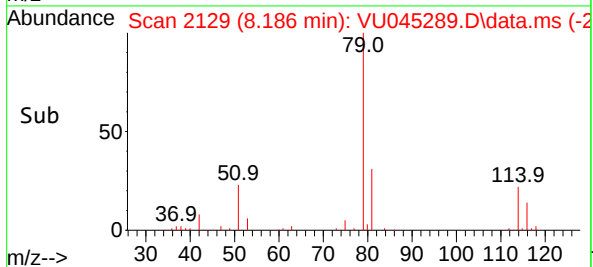
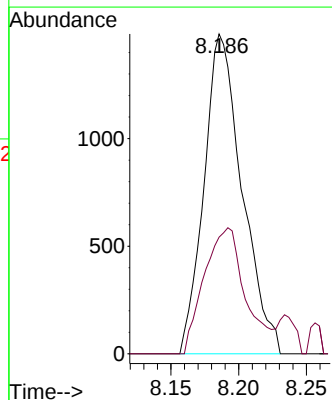
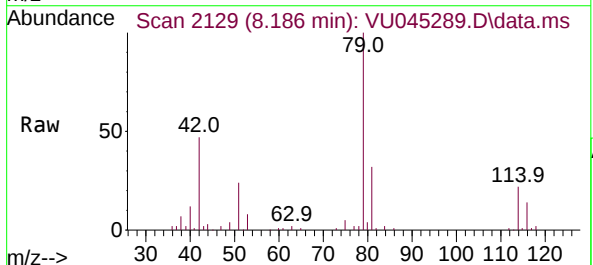
Instrument :
MSVOA_U
ClientSampled :

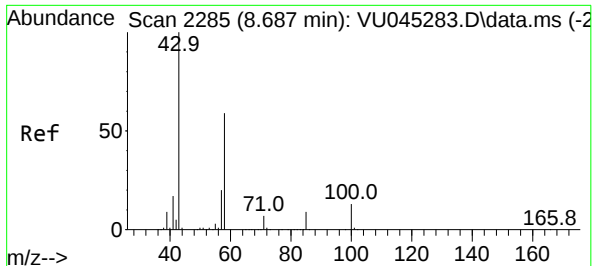
Tgt Ion: 91 Resp: 5767
Ion Ratio Lower Upper
91 100
92 59.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.774 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045289.D
Acq: 12 Oct 2021 14:11

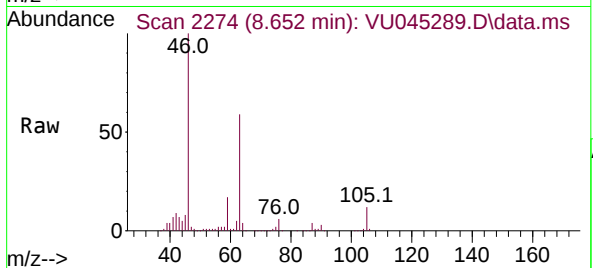
Tgt Ion: 75 Resp: 2902
Ion Ratio Lower Upper
75 100
77 36.5 21.7 40.3



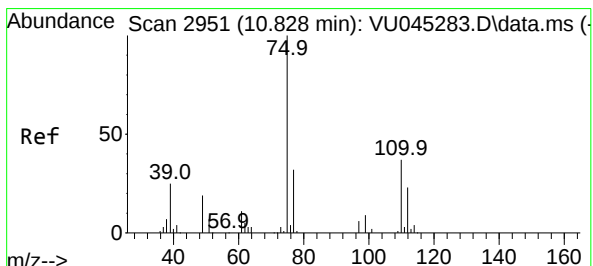
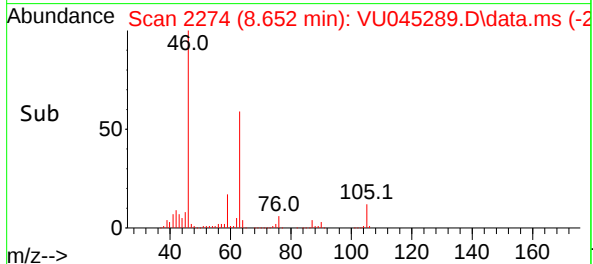
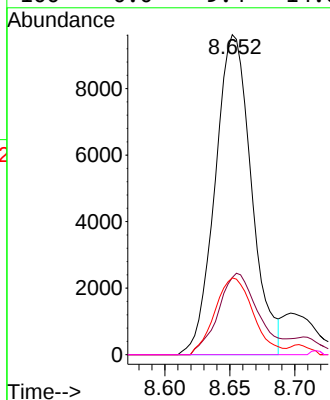


#48
2-Hexanone
Concen: 4.580 ug/L
RT: 8.652 min Scan# 2274
Delta R.T. -0.035 min
Lab File: VU045289.D
Acq: 12 Oct 2021 14:11

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 43	Resp: 18702
Ion Ratio	Lower Upper
43 100	
58 28.2	44.9 67.3#
57 25.5	15.5 23.3#
100 0.0	9.4 14.0#



#60
1,2,3-Trichloropropane
Concen: 4.786 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU045289.D
Acq: 12 Oct 2021 14:11

Tgt Ion: 75	Resp: 16339
Ion Ratio	Lower Upper
75 100	
77 33.2	25.5 38.3
110 2.6	29.0 43.4#

