

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045290.D
 Acq On : 12 Oct 2021 14:35
 Operator : SY/MD
 Sample : M4103-05ME
 Misc : 4.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 13 02:53:13 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)

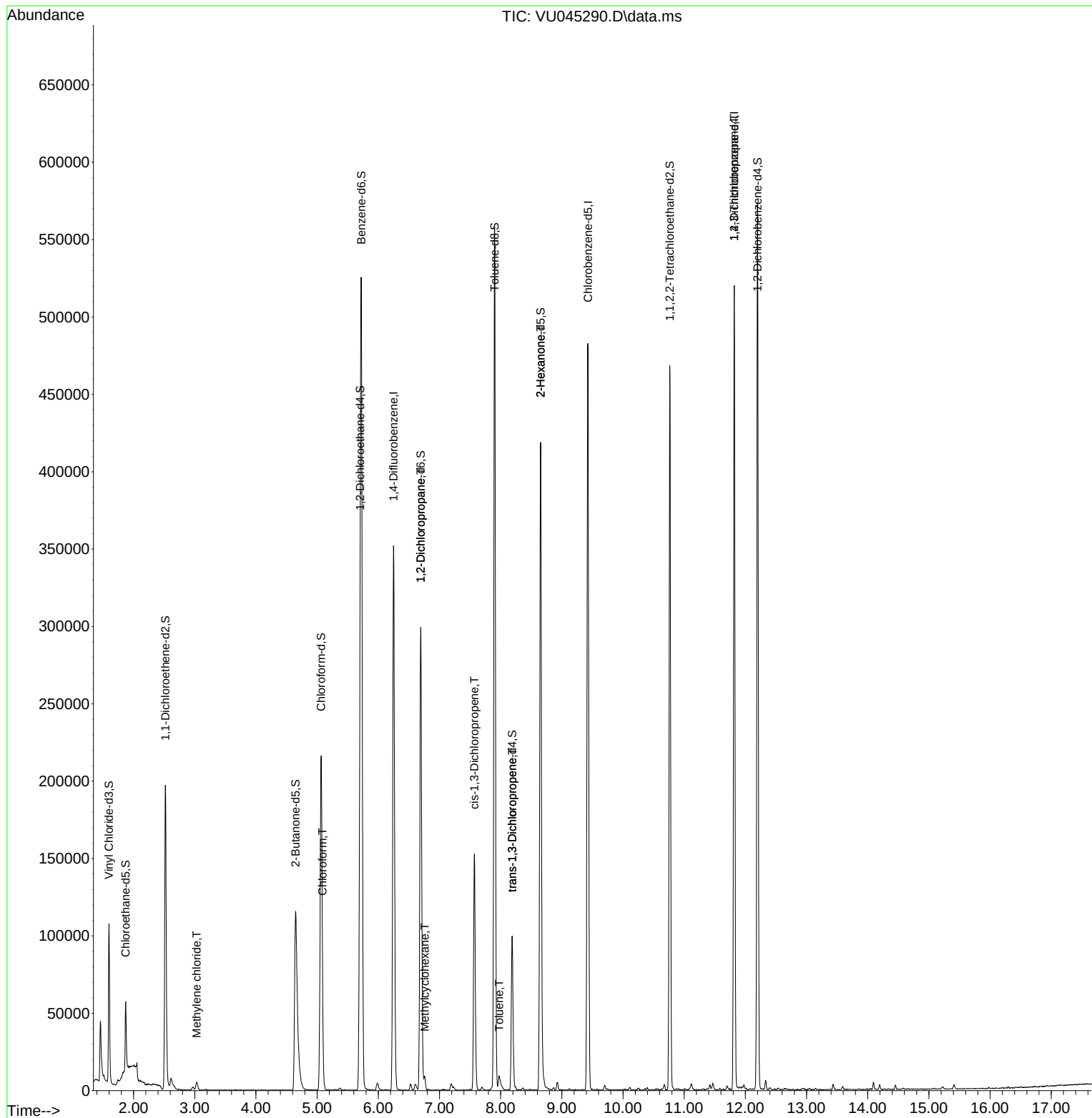
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	294165	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	281571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	127270	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82829	25.721	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.440%#
7) Chloroethane-d5	1.871	69	30649	12.011	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	24.020%#
11) 1,1-Dichloroethene-d2	2.520	63	134365	24.846	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.700%#
21) 2-Butanone-d5	4.649	46	237442	93.267	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.270%
24) Chloroform-d	5.067	84	209482	41.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.380%
26) 1,2-Dichloroethane-d4	5.703	65	154025	44.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
32) Benzene-d6	5.722	84	437955	44.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
36) 1,2-Dichloropropane-d6	6.693	67	148336	46.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.120%
41) Toluene-d8	7.899	98	376116	44.607	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.220%
43) trans-1,3-Dichloroprop...	8.189	79	62758	44.285	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.580%
47) 2-Hexanone-d5	8.652	63	166921	94.547	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.550%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	237439	47.862	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.720%
66) 1,2-Dichlorobenzene-d4	12.198	152	139561	50.388	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.780%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.031	84	2770	0.960	ug/L	88
25) Chloroform	5.086	83	2362	0.476	ug/L	76
35) Methylcyclohexane	6.758	83	3012	0.717	ug/L	90
37) 1,2-Dichloropropane	6.693	63	16481	5.796	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	3975	0.977	ug/L #	66
42) Toluene	7.976	91	6586	0.621	ug/L	99
44) trans-1,3-Dichloropropene	8.189	75	2822	0.729	ug/L	90
48) 2-Hexanone	8.652	43	19164	4.550	ug/L #	66
60) 1,2,3-Trichloropropane	11.819	75	17226	4.894	ug/L #	69

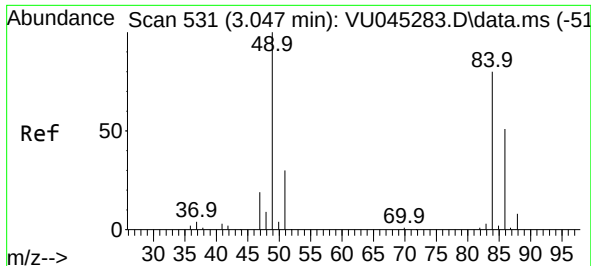
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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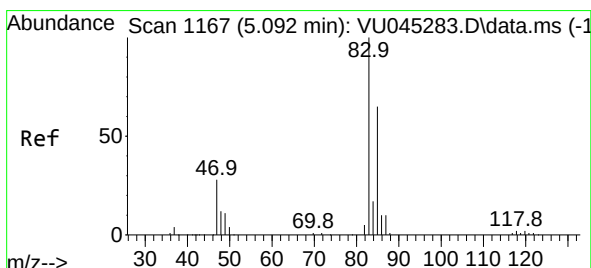
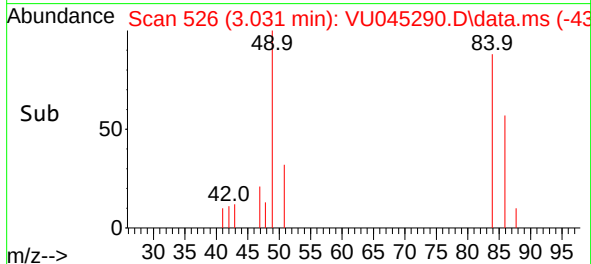
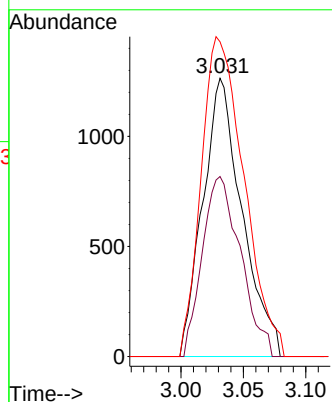
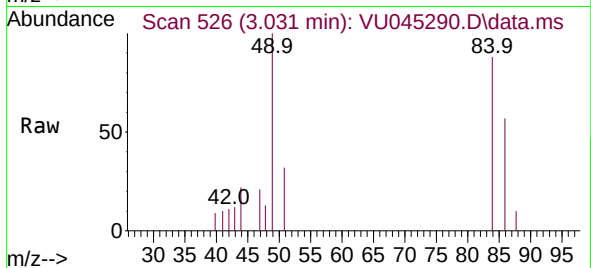




#16
Methylene chloride
Concen: 0.960 ug/L
RT: 3.031 min Scan# 526
Delta R.T. -0.016 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

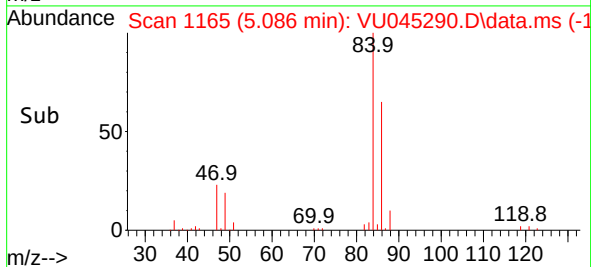
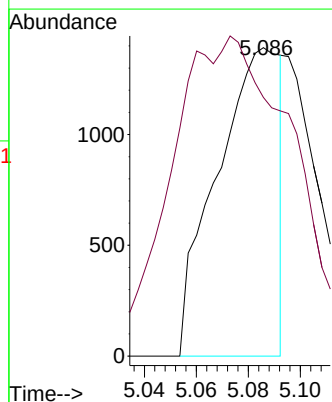
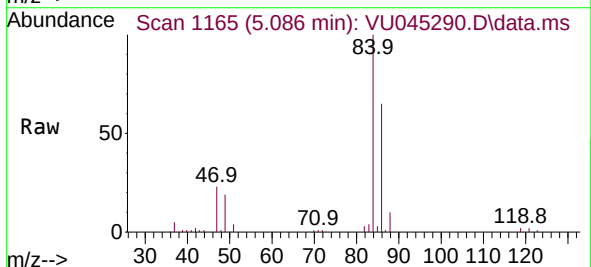
Instrument :
MSVOA_U
ClientSampled :

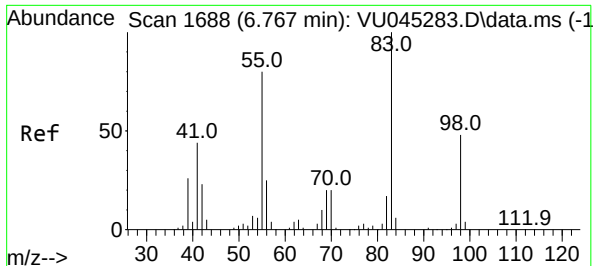
Tgt Ion: 84 Resp: 2770
Ion Ratio Lower Upper
84 100
86 64.7 44.7 83.1
49 113.1 92.9 172.5



#25
Chloroform
Concen: 0.476 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.006 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

Tgt Ion: 83 Resp: 2362
Ion Ratio Lower Upper
83 100
85 83.9 45.6 84.6

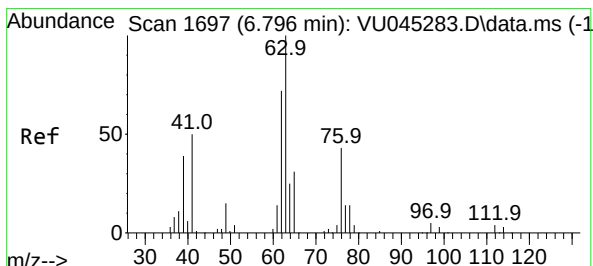
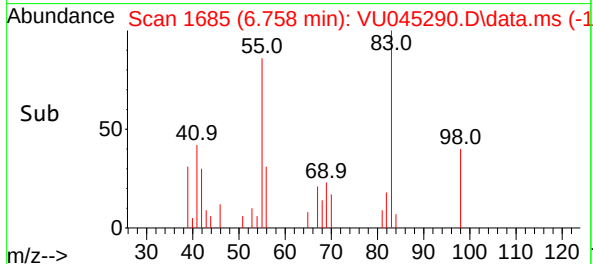
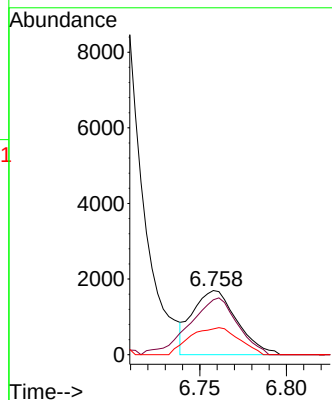
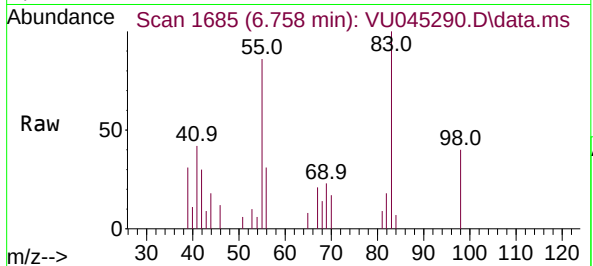




#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.010 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

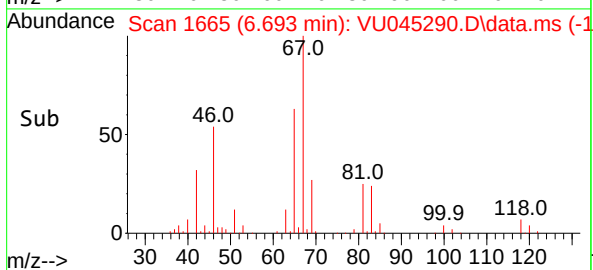
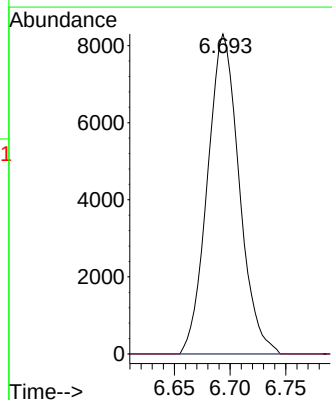
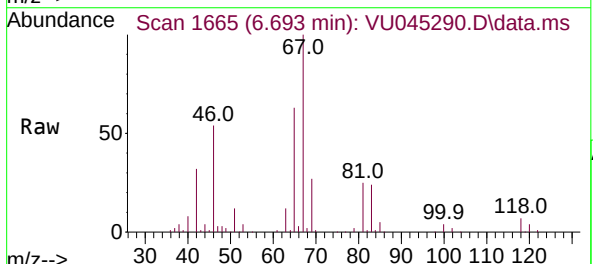
Instrument :
MSVOA_U
ClientSampled :

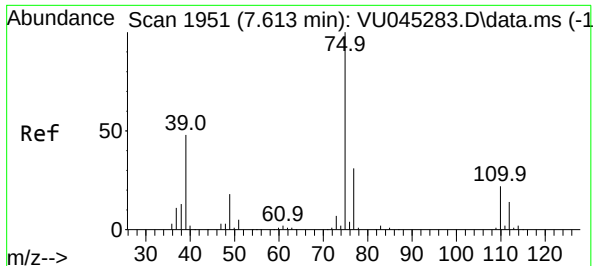
Tgt Ion: 83 Resp: 3012
Ion Ratio Lower Upper
83 100
55 95.8 65.8 98.6
98 46.4 37.1 55.7



#37
1,2-Dichloropropane
Concen: 5.796 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

Tgt Ion: 63 Resp: 16481
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



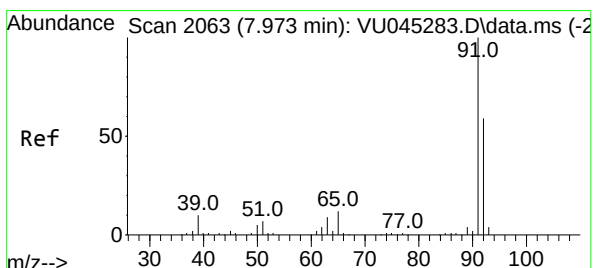
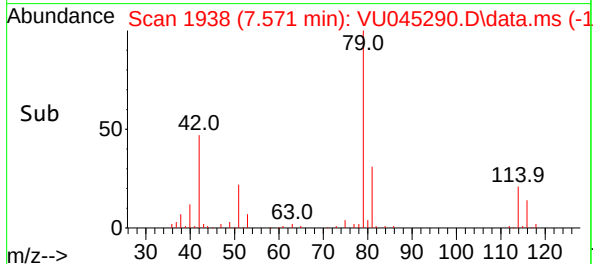
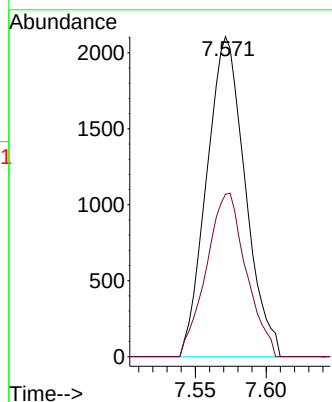
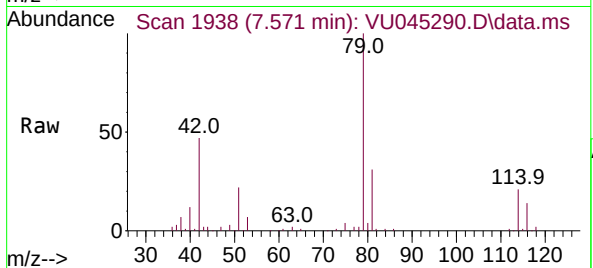


#39

cis-1,3-Dichloropropene
Concen: 0.977 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

Instrument :
MSVOA_U
ClientSampled :

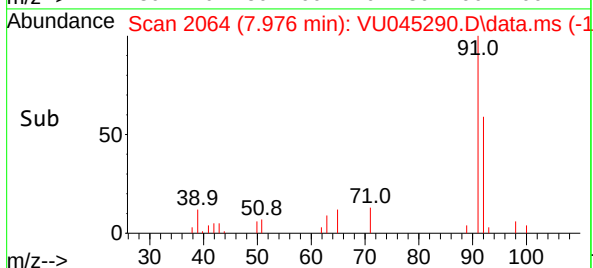
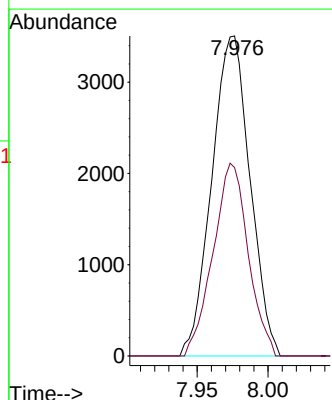
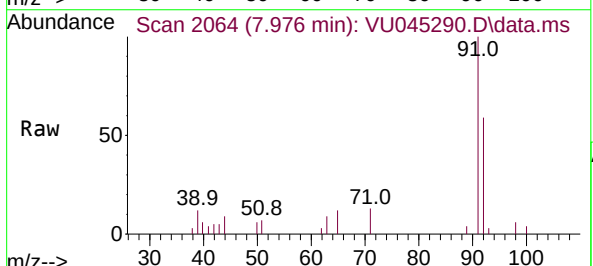
Tgt Ion: 75 Resp: 3975
Ion Ratio Lower Upper
75 100
77 50.8 22.4 41.6#

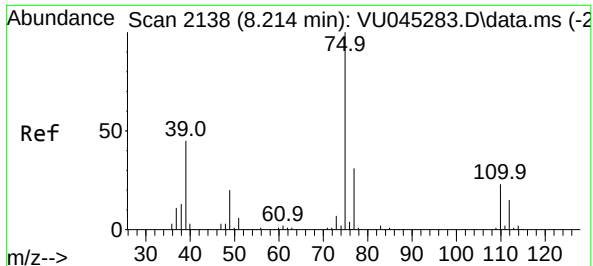


#42

Toluene
Concen: 0.621 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

Tgt Ion: 91 Resp: 6586
Ion Ratio Lower Upper
91 100
92 58.9 40.5 75.1

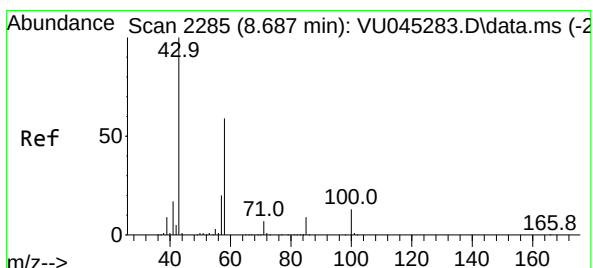
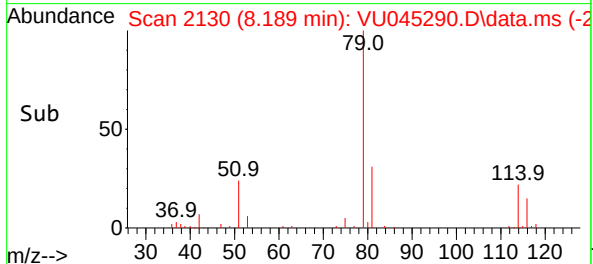
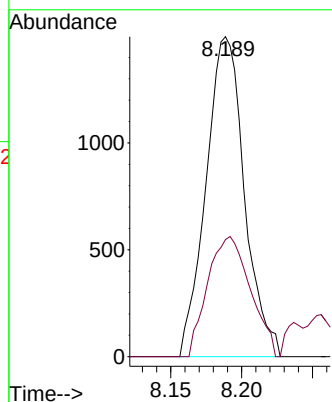
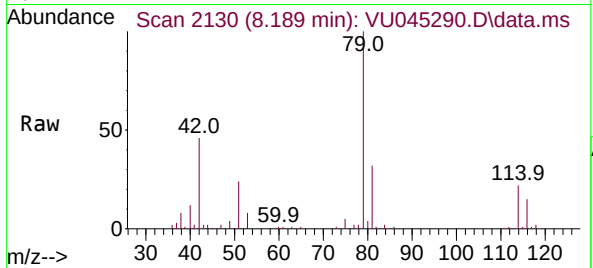




#44
trans-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.026 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

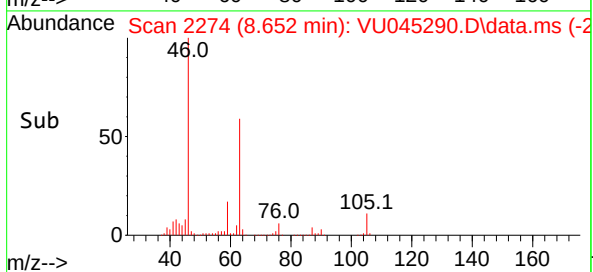
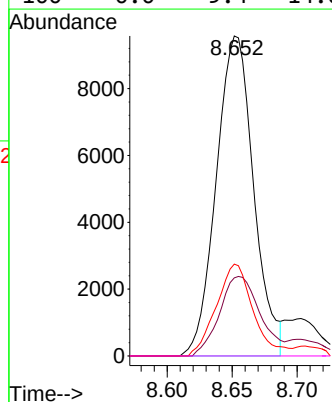
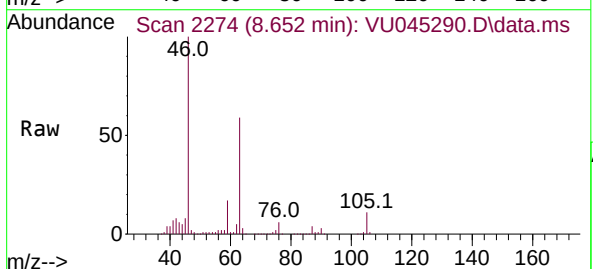
Instrument :
MSVOA_U
ClientSampled :

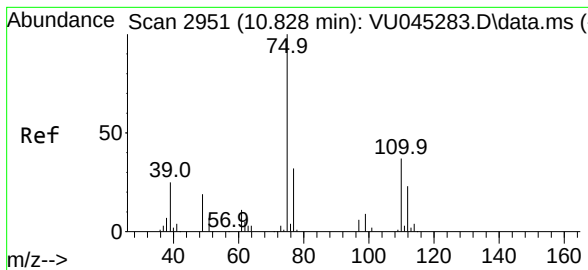
Tgt Ion: 75 Resp: 2822
Ion Ratio Lower Upper
75 100
77 36.6 21.7 40.3



#48
2-Hexanone
Concen: 4.550 ug/L
RT: 8.652 min Scan# 2274
Delta R.T. -0.035 min
Lab File: VU045290.D
Acq: 12 Oct 2021 14:35

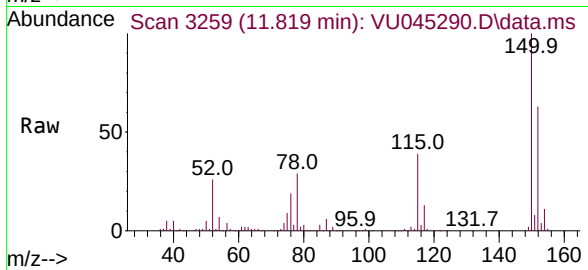
Tgt Ion: 43 Resp: 19164
Ion Ratio Lower Upper
43 100
58 27.2 44.9 67.3#
57 28.4 15.5 23.3#
100 0.0 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.894 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU045290.D
 Acq: 12 Oct 2021 14:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	17226
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.5	38.3
110	2.4	29.0	43.4#

