

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045292.D
 Acq On : 12 Oct 2021 15:22
 Operator : SY/MD
 Sample : M4103-07ME
 Misc : 4.56g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 13 02:53:42 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)

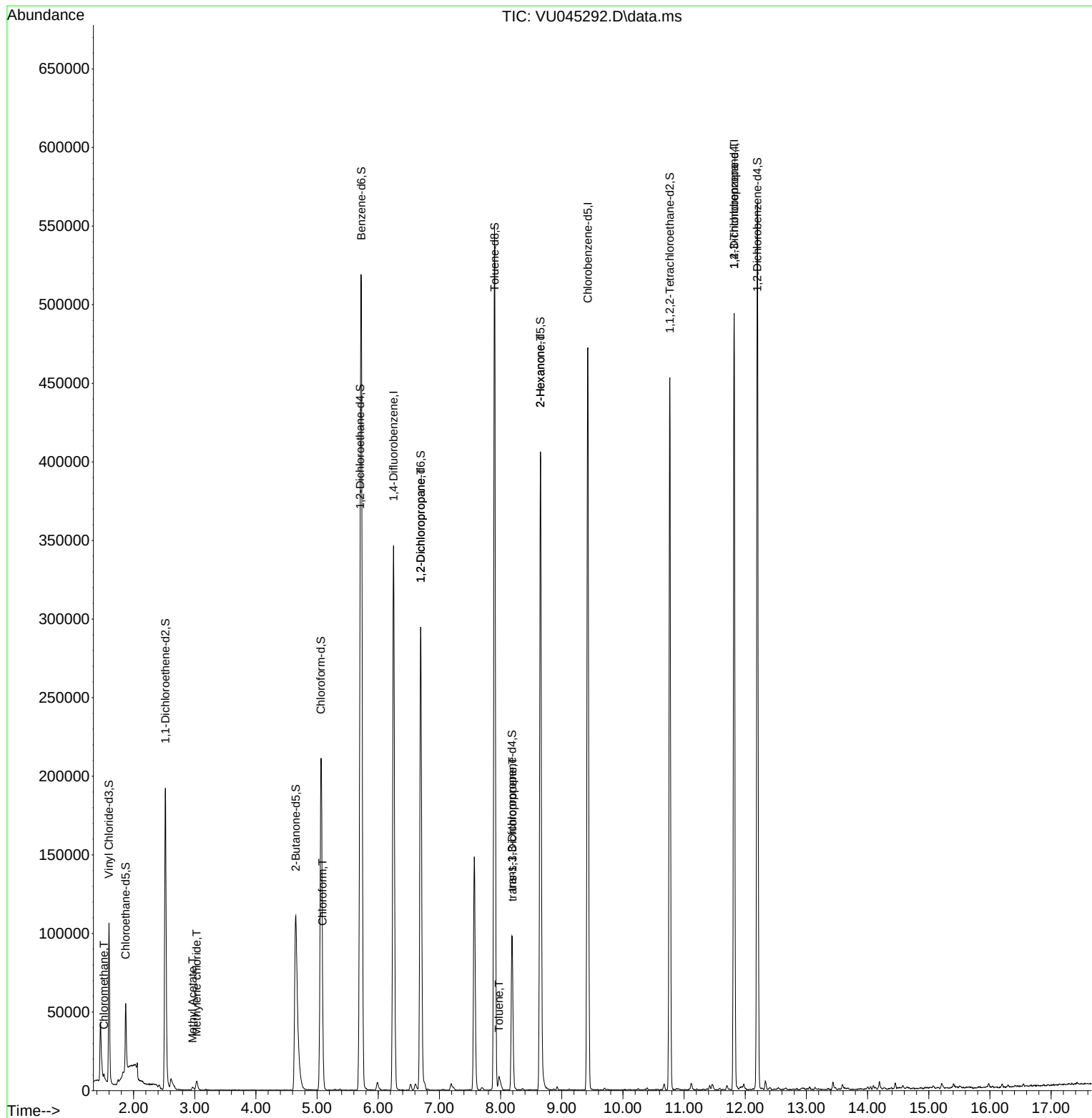
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	289177	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	275069	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	122635	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	81183	25.645	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.300%#
7) Chloroethane-d5	1.870	69	30264	12.064	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	24.120%#
11) 1,1-Dichloroethene-d2	2.520	63	131797	24.792	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.580%#
21) 2-Butanone-d5	4.652	46	233993	93.497	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.500%
24) Chloroform-d	5.063	84	208758	41.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.500%
26) 1,2-Dichloroethane-d4	5.703	65	152074	44.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.800%
32) Benzene-d6	5.722	84	435124	45.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
36) 1,2-Dichloropropane-d6	6.693	67	146202	46.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.960%
41) Toluene-d8	7.902	98	369866	44.903	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.185	79	62720	45.304	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.600%
47) 2-Hexanone-d5	8.652	63	161090	93.401	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.400%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	228587	47.167	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.340%
66) 1,2-Dichlorobenzene-d4	12.198	152	134373	50.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.700%
Target Compounds						Qvalue
3) Chloromethane	1.517	50	2457	0.712	ug/L	98
15) Methyl Acetate	2.967	43	2773	0.777	ug/L	97
16) Methylene chloride	3.031	84	3475	1.225	ug/L	82
25) Chloroform	5.089	83	2370	0.486	ug/L	88
37) 1,2-Dichloropropane	6.693	63	16193	5.830	ug/L #	88
42) Toluene	7.973	91	5928	0.572	ug/L	91
44) trans-1,3-Dichloropropene	8.192	75	2777	0.735	ug/L	91
48) 2-Hexanone	8.652	43	19144	4.653	ug/L #	67
60) 1,2,3-Trichloropropane	11.819	75	16586	4.890	ug/L #	69

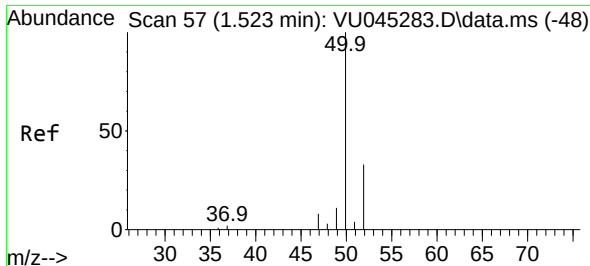
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 13 02:48:52 2021
Response via : Initial Calibration

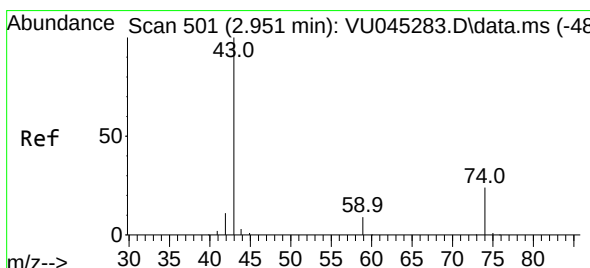
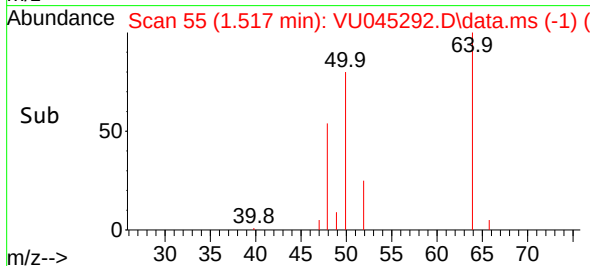
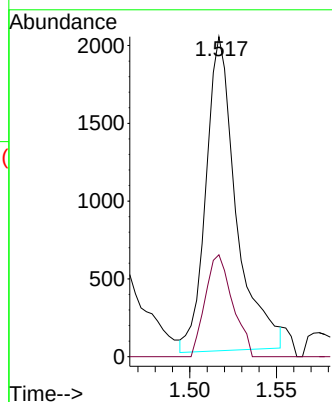
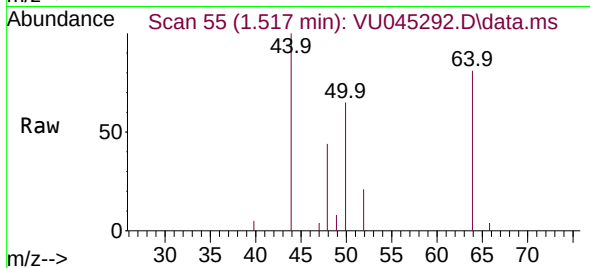




#3
Chloromethane
Concen: 0.712 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.007 min
Lab File: VU045292.D
Acq: 12 Oct 2021 15:22

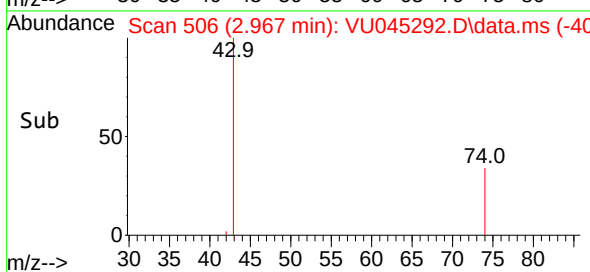
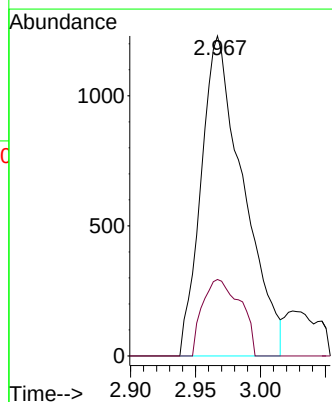
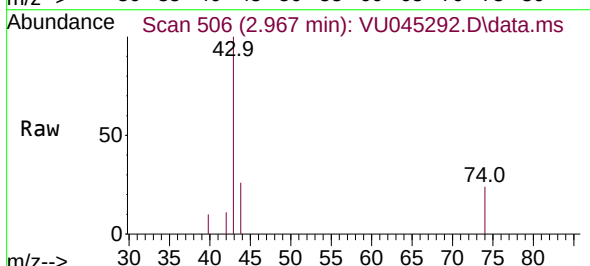
Instrument :
MSVOA_U
ClientSampled :

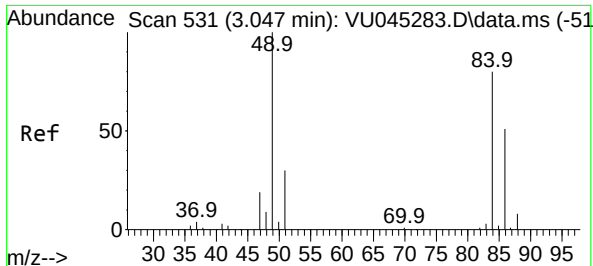
Tgt Ion: 50 Resp: 2457
Ion Ratio Lower Upper
50 100
52 31.8 23.0 42.8



#15
Methyl Acetate
Concen: 0.777 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.016 min
Lab File: VU045292.D
Acq: 12 Oct 2021 15:22

Tgt Ion: 43 Resp: 2773
Ion Ratio Lower Upper
43 100
74 21.5 18.4 27.6

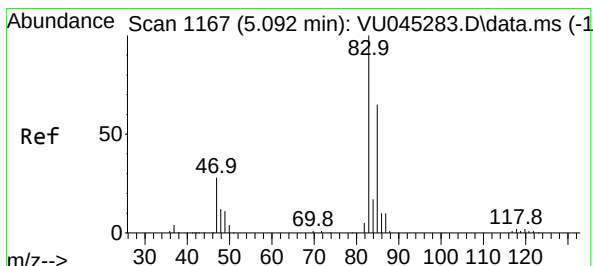
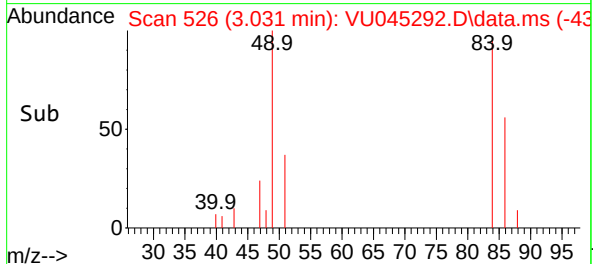
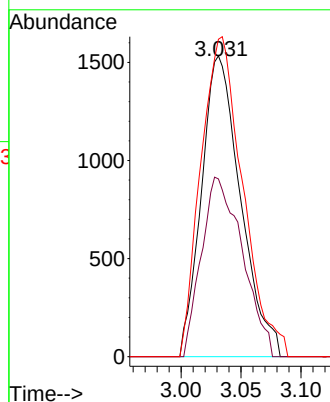
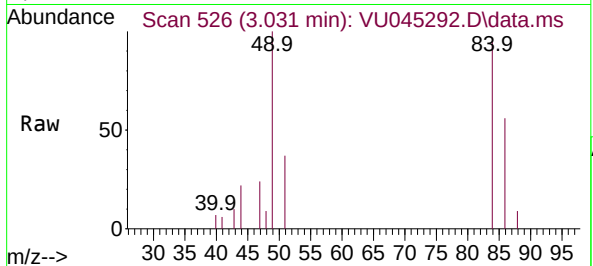




#16
Methylene chloride
Concen: 1.225 ug/L
RT: 3.031 min Scan# 526
Delta R.T. -0.016 min
Lab File: VU045292.D
Acq: 12 Oct 2021 15:22

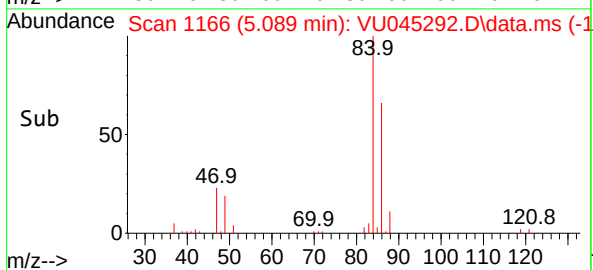
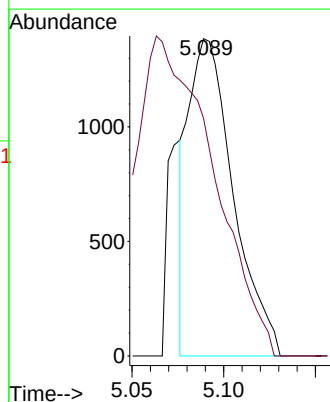
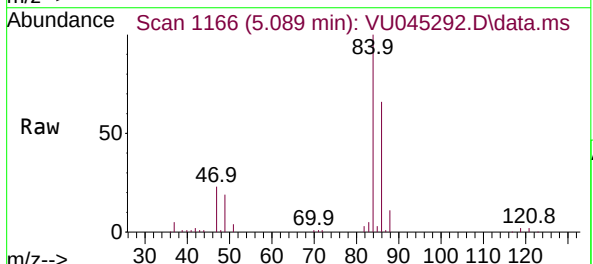
Instrument :
MSVOA_U
ClientSampled :

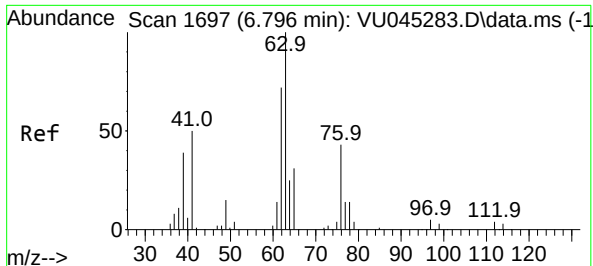
Tgt Ion: 84 Resp: 3475
Ion Ratio Lower Upper
84 100
86 59.1 44.7 83.1
49 105.5 92.9 172.5



#25
Chloroform
Concen: 0.486 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045292.D
Acq: 12 Oct 2021 15:22

Tgt Ion: 83 Resp: 2370
Ion Ratio Lower Upper
83 100
85 74.9 45.6 84.6



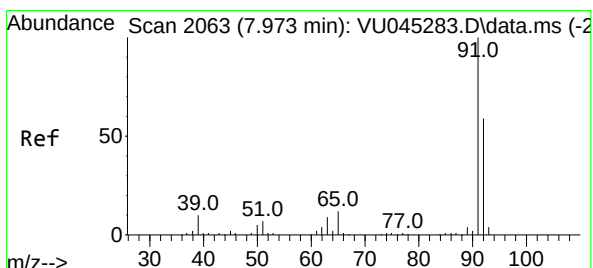
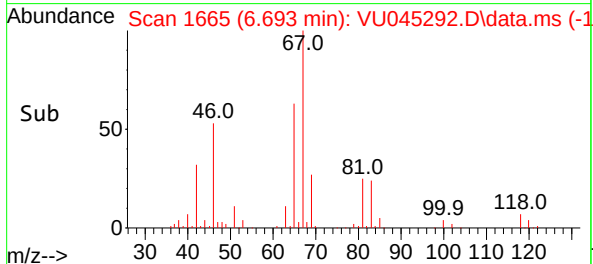
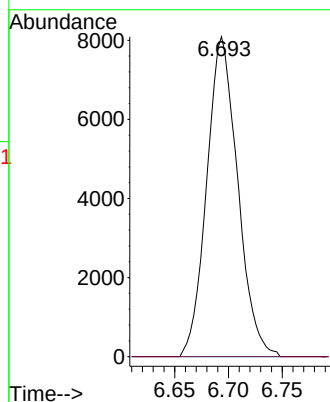
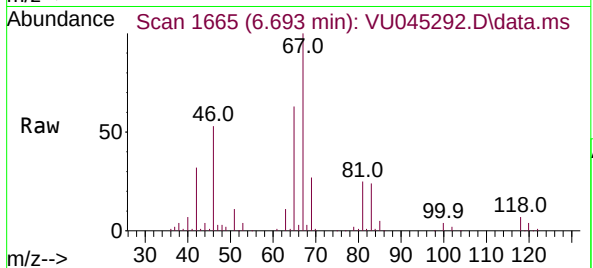


#37

1,2-Dichloropropane
Concen: 5.830 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045292.D
Acq: 12 Oct 2021 15:22

Instrument :
MSVOA_U
ClientSampled :

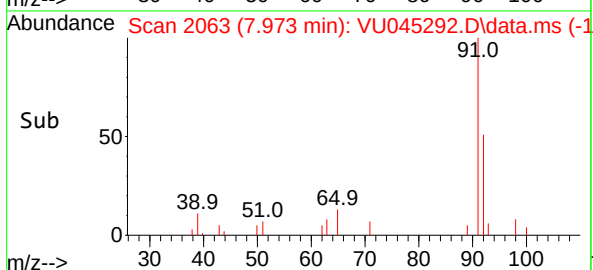
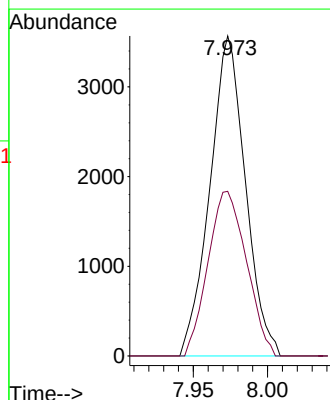
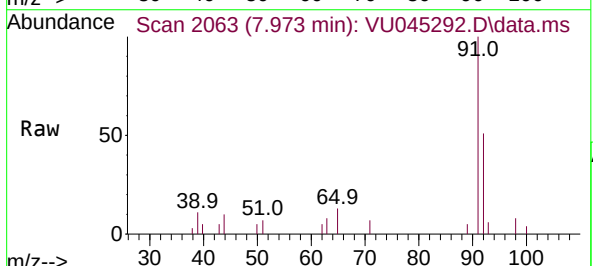
Tgt Ion: 63 Resp: 16193
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

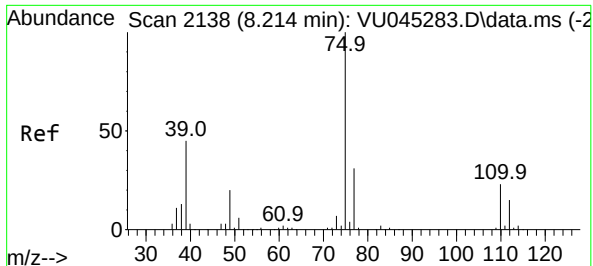


#42

Toluene
Concen: 0.572 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045292.D
Acq: 12 Oct 2021 15:22

Tgt Ion: 91 Resp: 5928
Ion Ratio Lower Upper
91 100
92 51.5 40.5 75.1



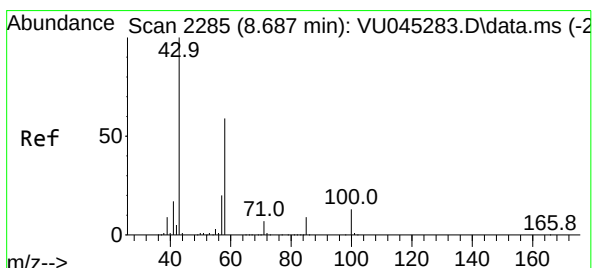
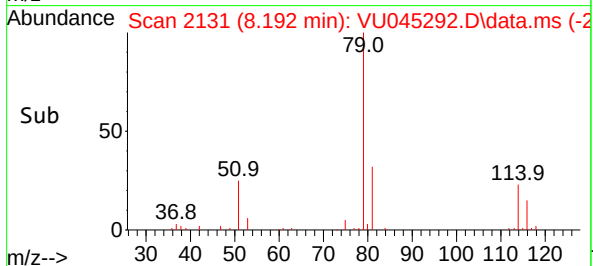
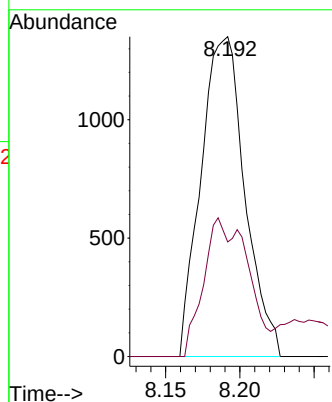
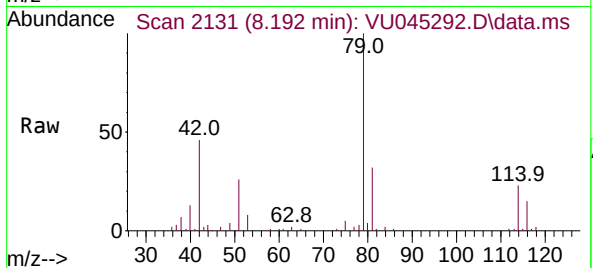


#44

trans-1,3-Dichloropropene
Concen: 0.735 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.023 min
Lab File: VU045292.D
Acq: 12 Oct 2021 15:22

Instrument :
MSVOA_U
ClientSampled :

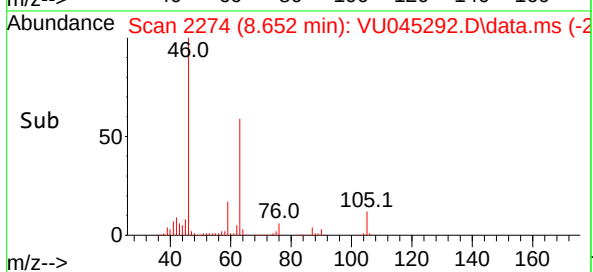
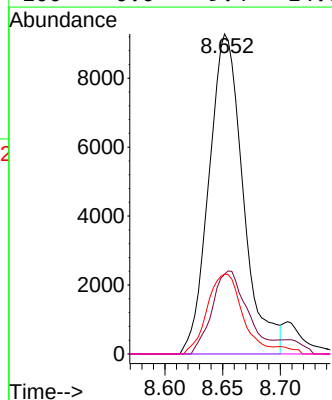
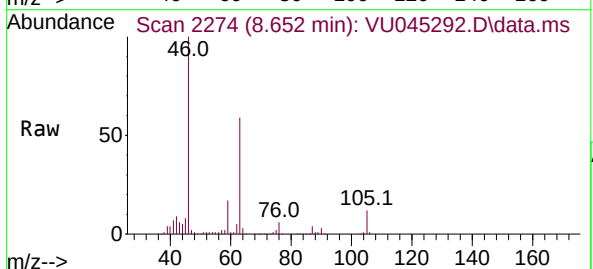
Tgt Ion: 75 Resp: 2777
Ion Ratio Lower Upper
75 100
77 35.8 21.7 40.3

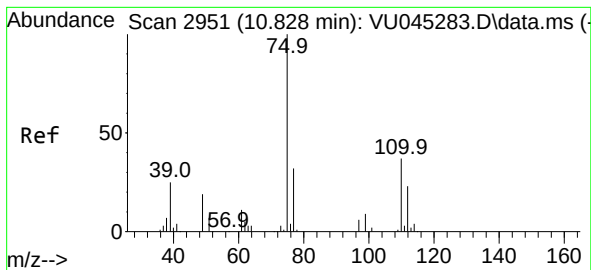


#48

2-Hexanone
Concen: 4.653 ug/L
RT: 8.652 min Scan# 2274
Delta R.T. -0.035 min
Lab File: VU045292.D
Acq: 12 Oct 2021 15:22

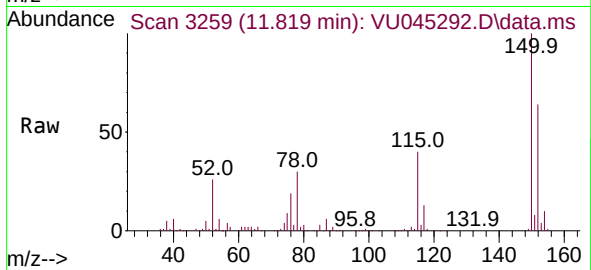
Tgt Ion: 43 Resp: 19144
Ion Ratio Lower Upper
43 100
58 26.7 44.9 67.3#
57 25.7 15.5 23.3#
100 0.0 9.4 14.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.890 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU045292.D
 Acq: 12 Oct 2021 15:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	16586
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3
110	2.2	29.0	43.4#

