

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042825.D
 Acq On : 29 Mar 2021 18:51
 Operator : SY/MD
 Sample : M1846-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR30

Quant Time: Mar 30 01:18:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

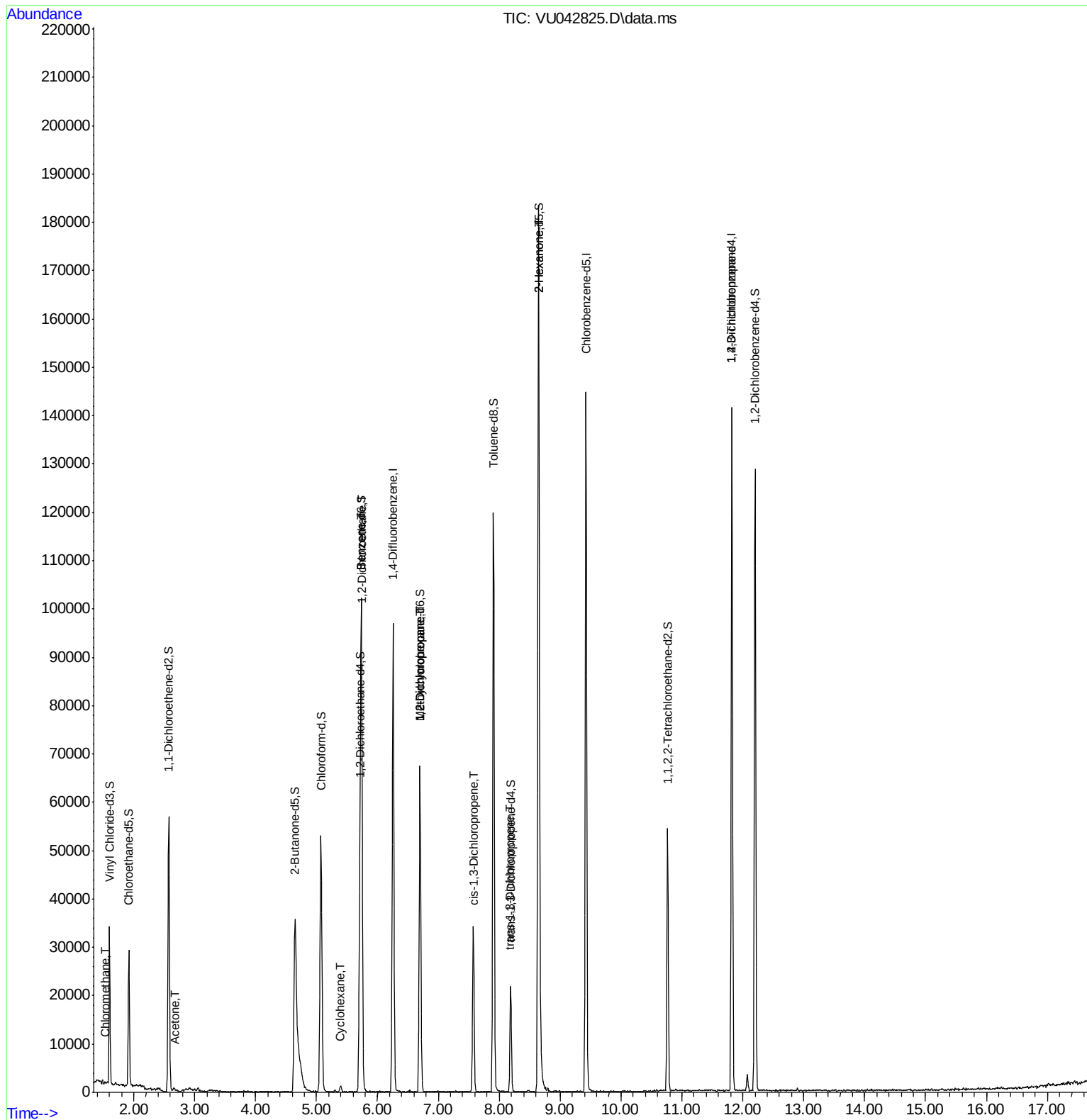
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	76096	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	73345	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35083	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20734	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.919	69	18479	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.575	63	35257	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.649	46	88644	53.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.44%
24) Chloroform-d	5.073	84	47261	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.713	65	29791	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.739	84	85056	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.700	67	27991	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.906	98	75130	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloroprop...	8.189	79	11345	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.645	63	63335	48.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.62%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24475	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	32119	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	326	0.05	ug/L	99
13) Acetone	2.671	43	949	0.74	ug/L	85
27) 1,2-Dichloroethane	5.742	62	588	0.07	ug/L #	75
30) Cyclohexane	5.395	56	611	0.06	ug/L #	71
33) Benzene	5.739	78	690	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6630	0.69	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3412	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.581	75	839	0.09	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	521	0.06	ug/L #	44
48) 2-Hexanone	8.645	43	11047	2.77	ug/L #	65
59) 1,2,3-Trichloropropane	11.819	75	4392	0.94	ug/L	91

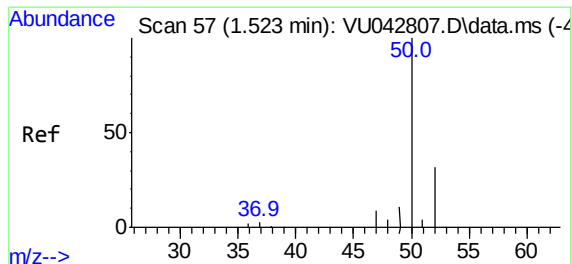
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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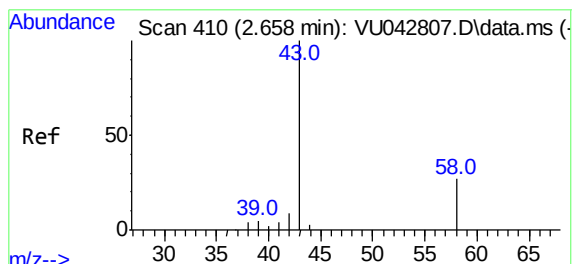
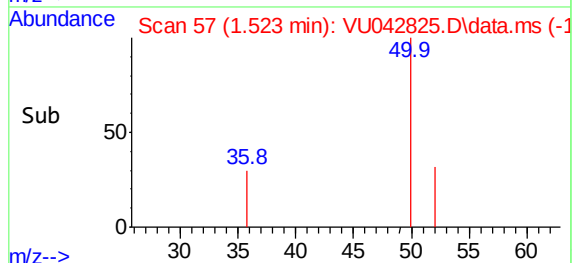
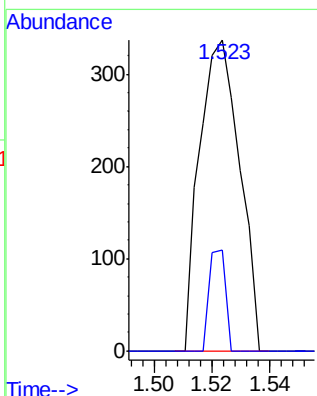
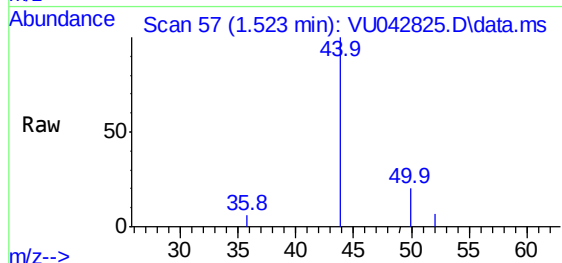




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042825.D
Acq: 29 Mar 2021 18:51

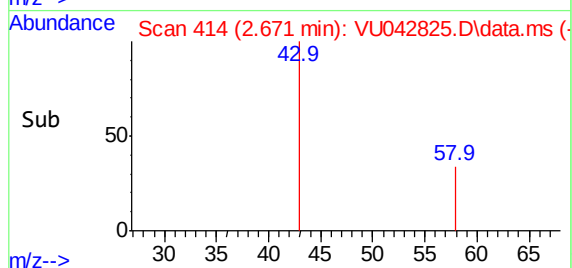
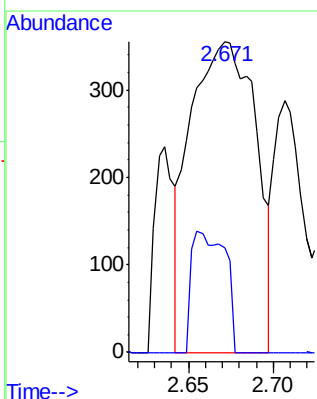
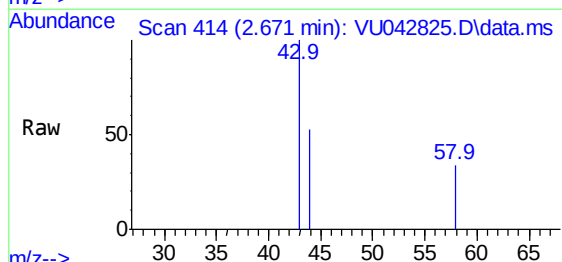
Instrument :
MSVOA_U
ClientSampleId :
YAR30

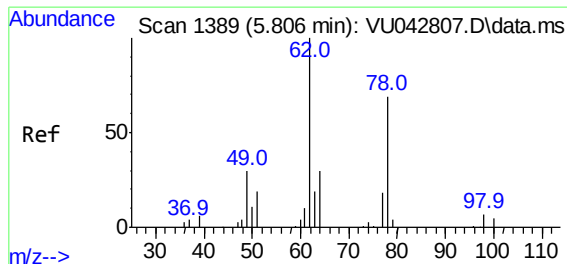
Tgt Ion: 50 Resp: 326
Ion Ratio Lower Upper
50 100
52 32.3 23.0 42.8



#13
Acetone
Concen: 0.74 ug/L
RT: 2.671 min Scan# 414
Delta R.T. 0.013 min
Lab File: VU042825.D
Acq: 29 Mar 2021 18:51

Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 20.0 0.0 55.8

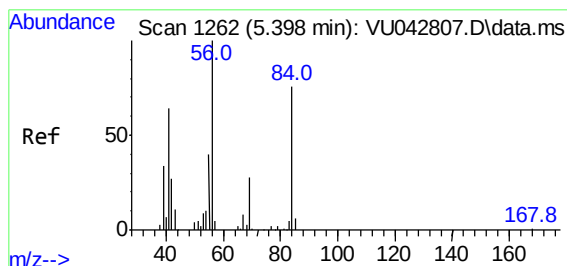
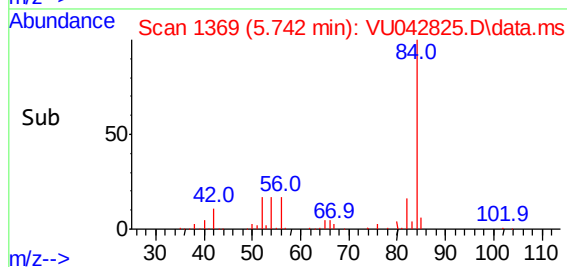
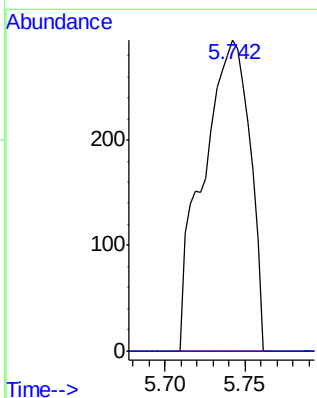
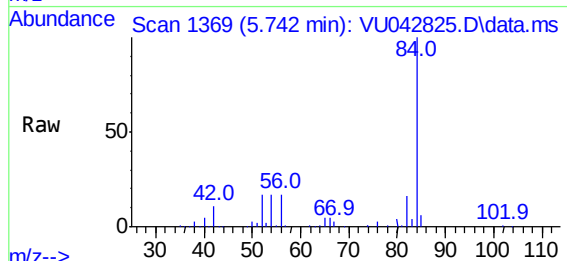




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.064 min
Lab File: VU042825.D
Acq: 29 Mar 2021 18:51

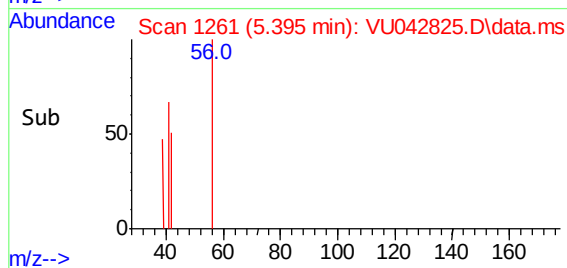
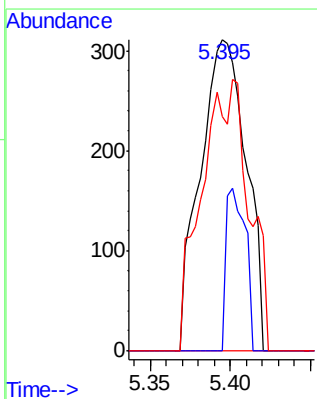
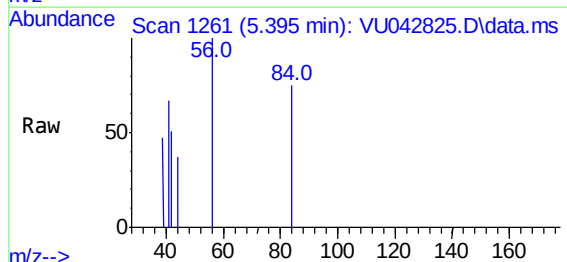
Instrument :
MSVOA_U
ClientSampleId :
YAR30

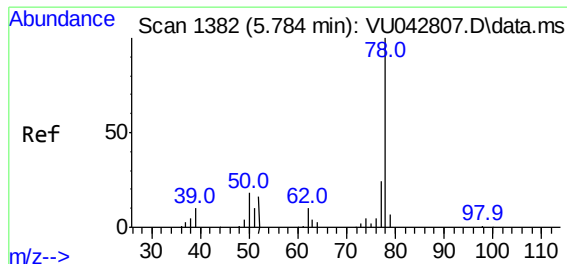
Tgt Ion: 62 Resp: 588
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#30
Cyclohexane
Concen: 0.06 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU042825.D
Acq: 29 Mar 2021 18:51

Tgt Ion: 56 Resp: 611
Ion Ratio Lower Upper
56 100
69 22.3 23.7 35.5#
84 51.1 65.3 97.9#

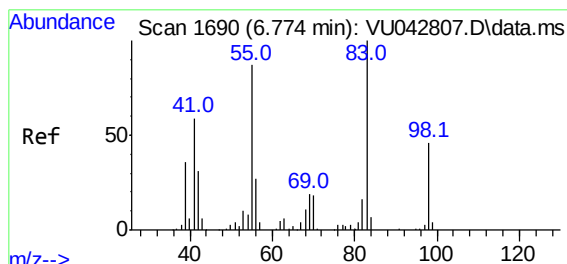
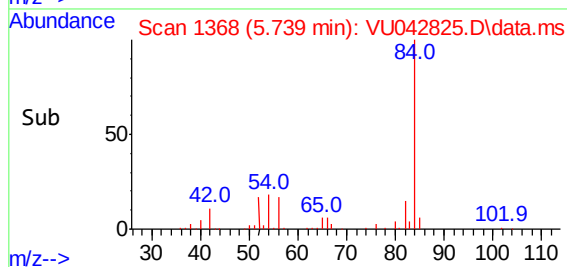
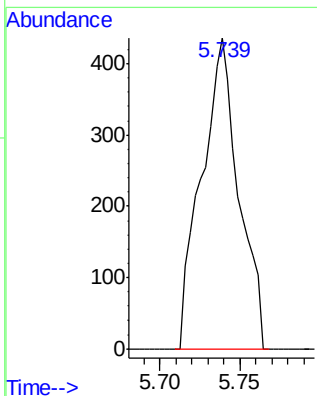
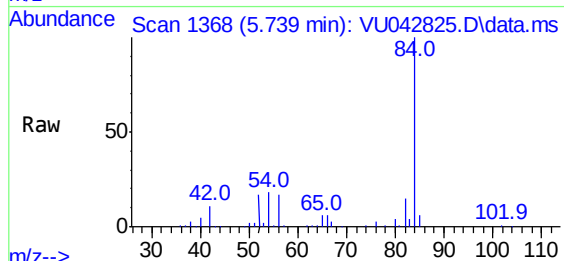




#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042825.D
Acq: 29 Mar 2021 18:51

Instrument :
MSVOA_U
ClientSampleId :
YAR30

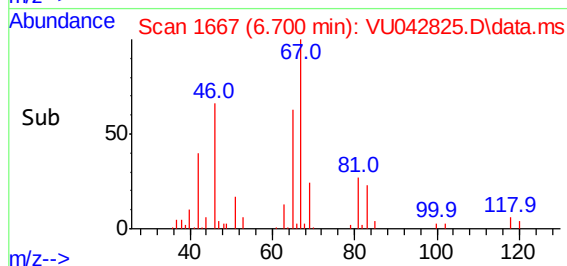
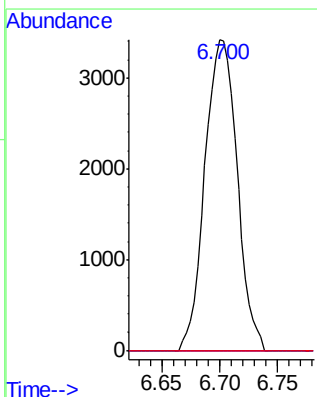
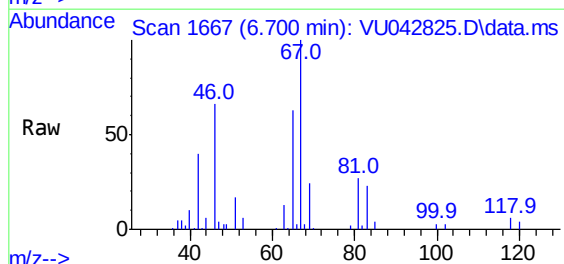
Tgt Ion: 78 Resp: 690

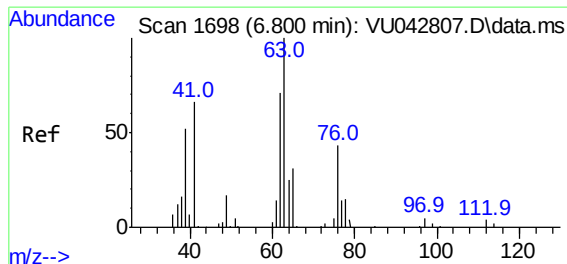


#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042825.D
Acq: 29 Mar 2021 18:51

Tgt Ion: 83 Resp: 6630

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

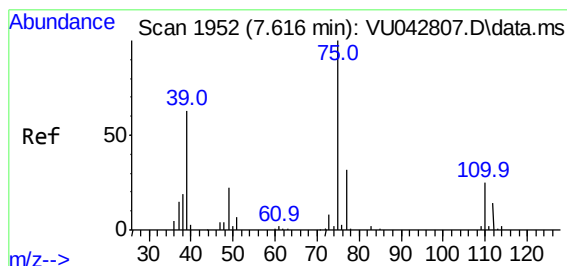
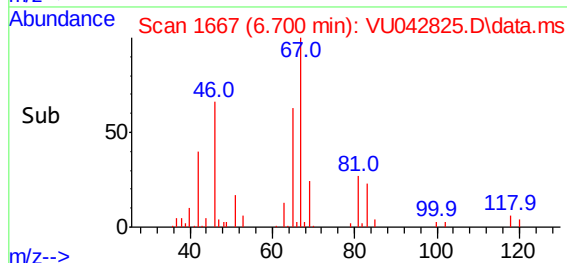
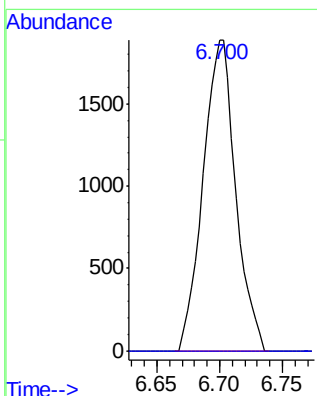
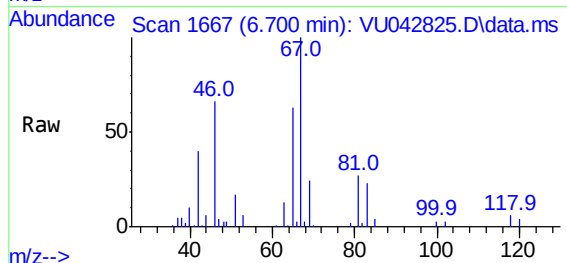




#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042825.D
Acq: 29 Mar 2021 18:51

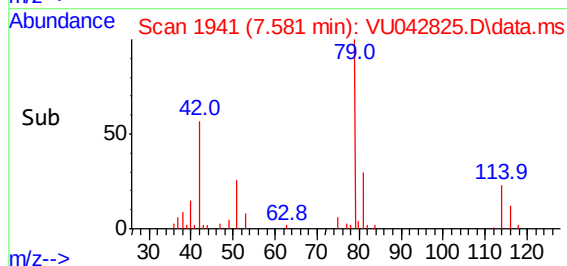
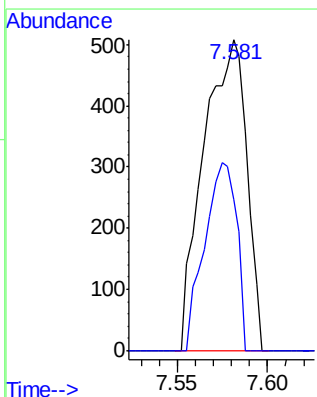
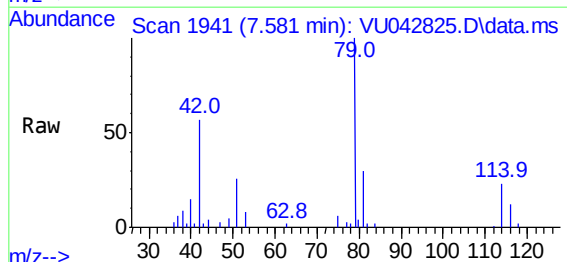
Instrument :
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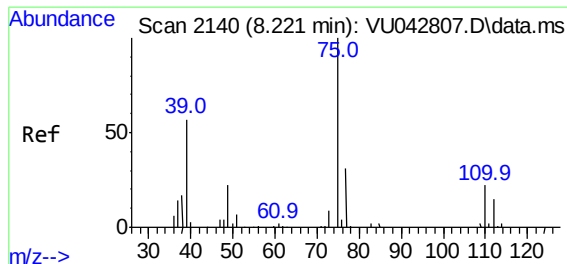
Tgt Ion: 63 Resp: 3412
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.581 min Scan# 1941
Delta R.T. -0.035 min
Lab File: VU042825.D
Acq: 29 Mar 2021 18:51

Tgt Ion: 75 Resp: 839
Ion Ratio Lower Upper
75 100
77 48.4 22.0 40.8#



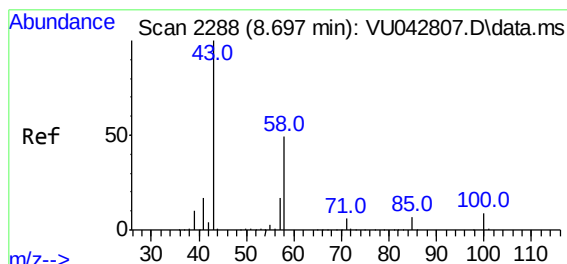
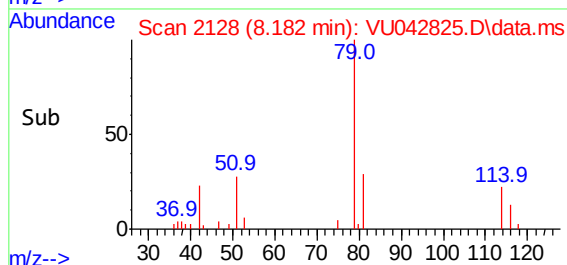
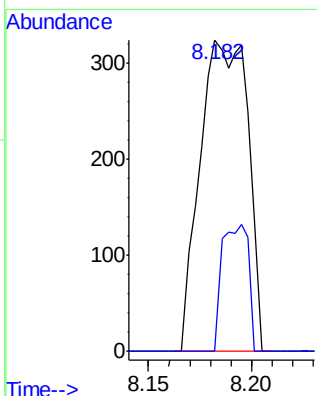
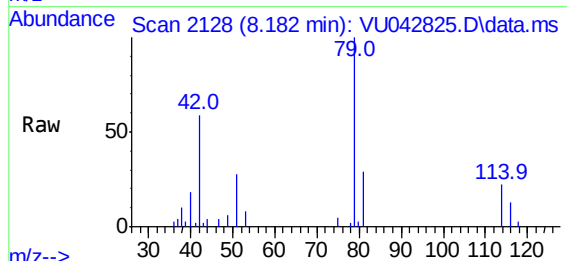


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.039 min
Lab File: VU042825.D
Acq: 29 Mar 2021 18:51

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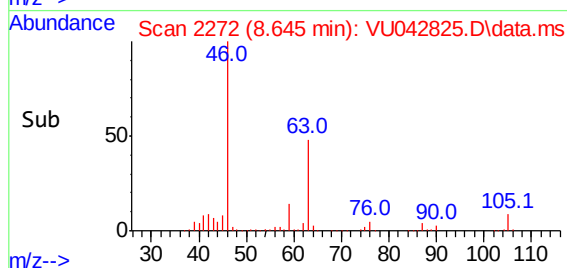
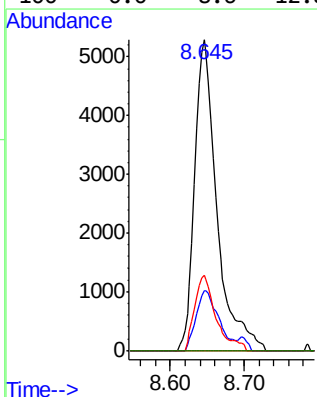
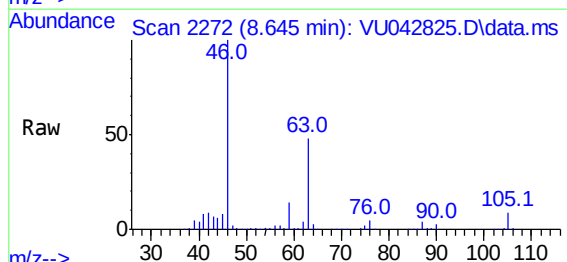
Tgt Ion: 75 Resp: 521
Ion Ratio Lower Upper
75 100
77 0.0 21.8 40.4#

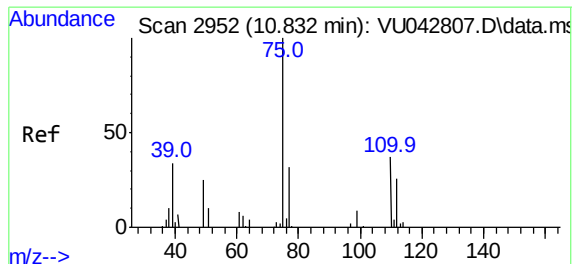


#48

2-Hexanone
Concen: 2.77 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042825.D
Acq: 29 Mar 2021 18:51

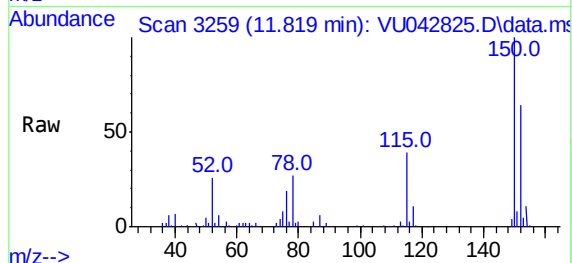
Tgt Ion: 43 Resp: 11047
Ion Ratio Lower Upper
43 100
58 19.6 40.6 61.0#
57 23.0 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.94 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042825.D
 Acq: 29 Mar 2021 18:51

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 4392
 Ion Ratio Lower Upper
 75 100
 77 37.4 26.0 39.0

