

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042821.D
 Acq On : 29 Mar 2021 17:15
 Operator : SY/MD
 Sample : M1846-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR26

Quant Time: Mar 30 01:17:17 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)

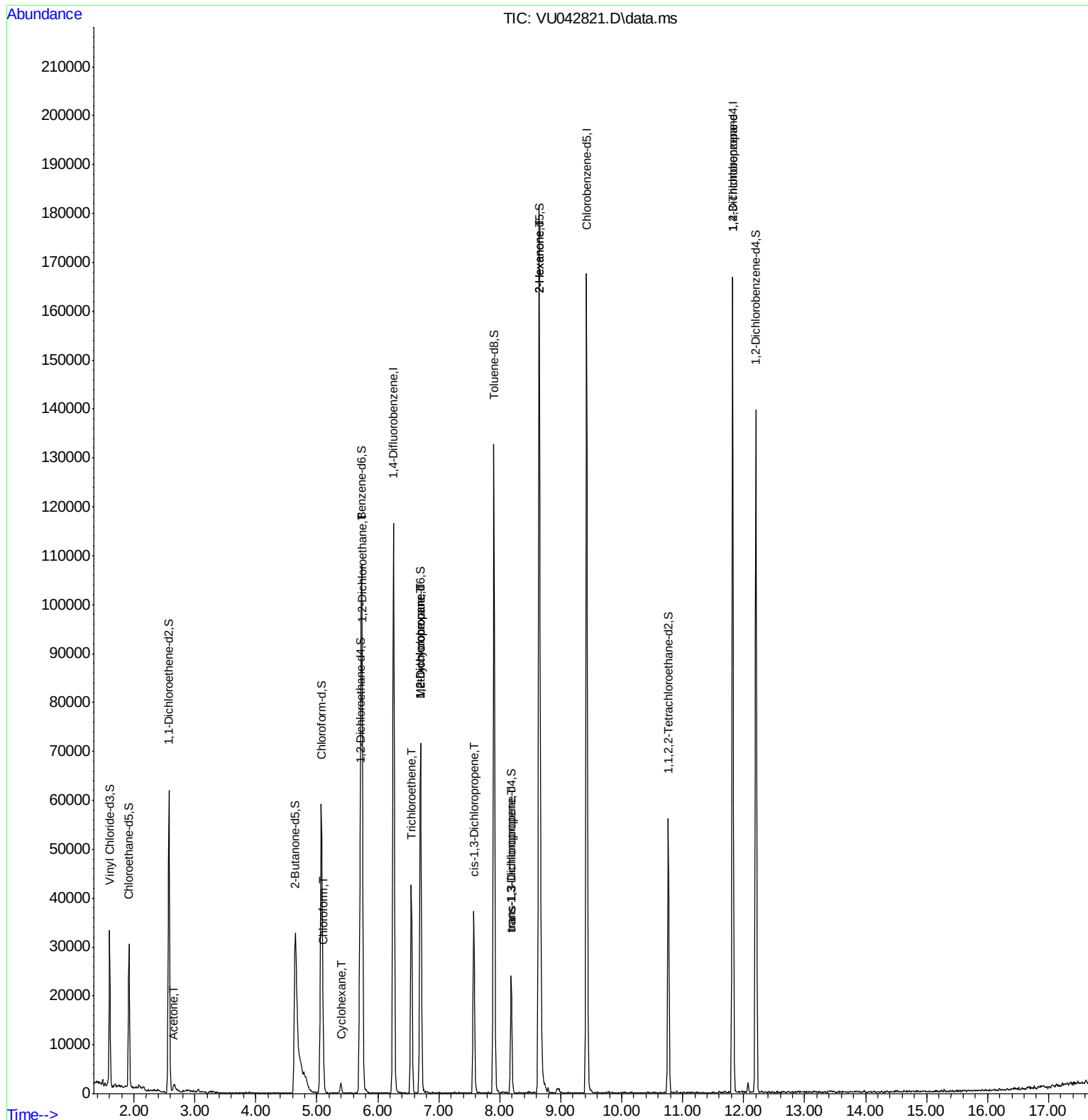
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	87779	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	85773	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	40469	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21950	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.919	69	18784	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.575	63	38437	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.646	46	83016	43.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.42%
24) Chloroform-d	5.073	84	51075	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.713	65	31541	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.736	84	90762	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.700	67	30490	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.906	98	81811	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloroprop...	8.189	79	13024	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.645	63	67218	44.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.58%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26123	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	33922	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%
Target Compounds						
13) Acetone	2.652	43	1439	0.97	ug/L	98
25) Chloroform	5.099	83	6544	0.50	ug/L	97
27) 1,2-Dichloroethane	5.745	62	647	0.07	ug/L #	75
30) Cyclohexane	5.398	56	1009	0.08	ug/L	85
34) Trichloroethene	6.549	95	13698	1.84	ug/L	93
35) Methylcyclohexane	6.700	83	7141	0.63	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3287	0.45	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	987	0.09	ug/L #	43
44) trans-1,3-Dichloropropene	8.186	75	575	0.06	ug/L	88
48) 2-Hexanone	8.645	43	11419	2.45	ug/L #	67
59) 1,2,3-Trichloropropane	11.819	75	5550	1.02	ug/L	90

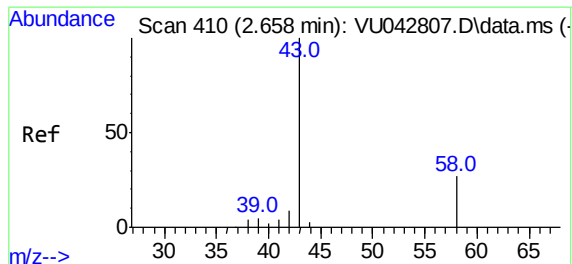
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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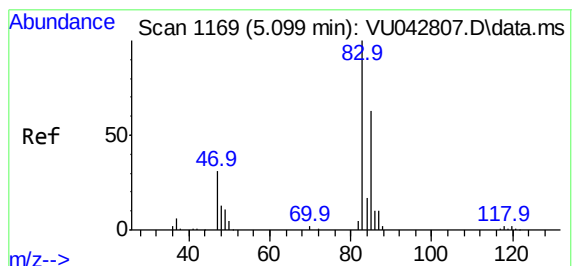
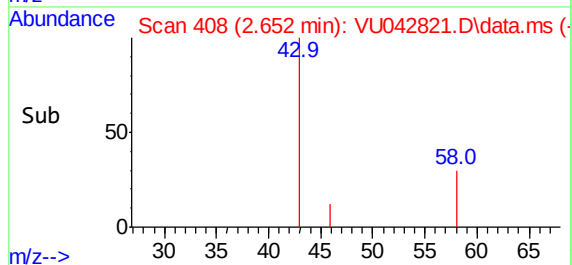
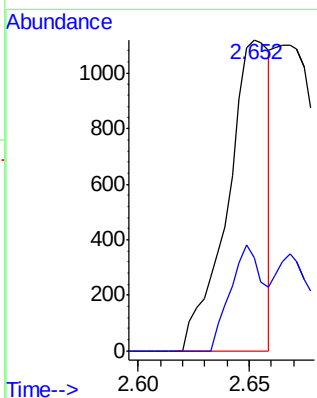
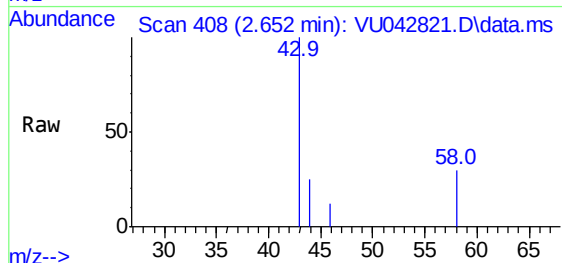




#13
Acetone
Concen: 0.97 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.006 min
Lab File: VU042821.D
Acq: 29 Mar 2021 17:15

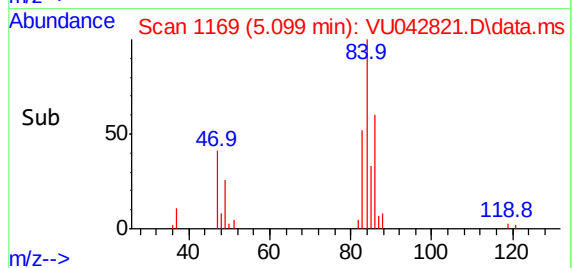
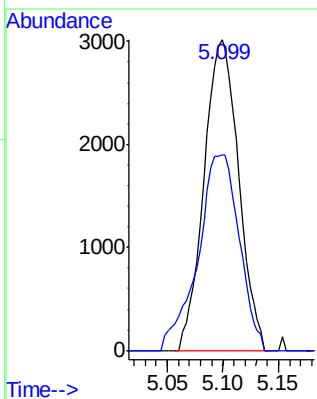
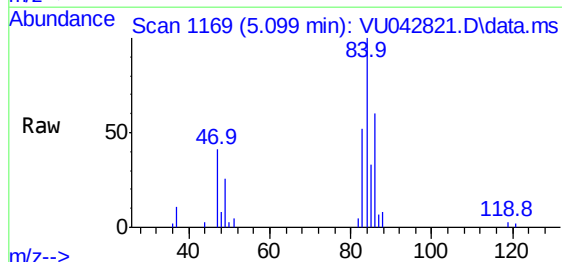
Instrument :
MSVOA_U
ClientSampled :
YAR26

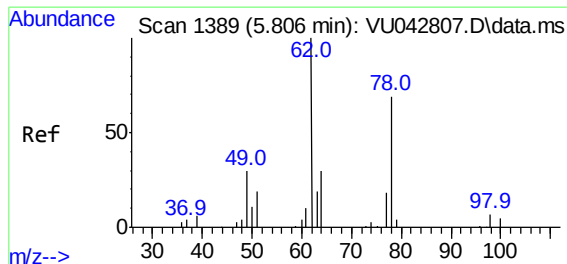
Tgt Ion: 43 Resp: 1439
Ion Ratio Lower Upper
43 100
58 26.9 0.0 55.8



#25
Chloroform
Concen: 0.50 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042821.D
Acq: 29 Mar 2021 17:15

Tgt Ion: 83 Resp: 6544
Ion Ratio Lower Upper
83 100
85 62.8 45.7 84.9

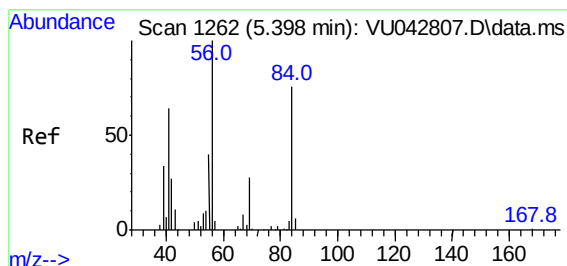
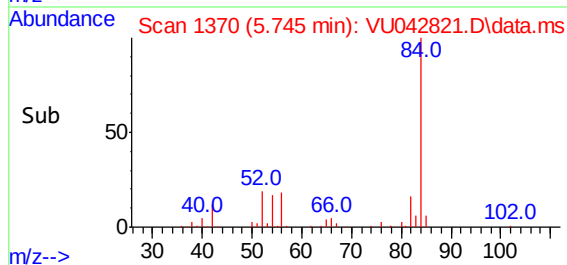
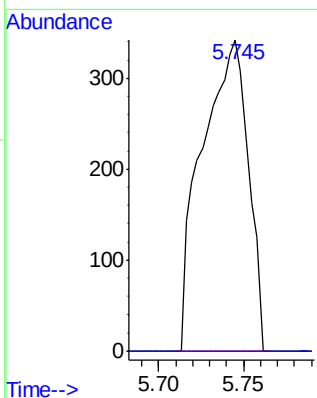
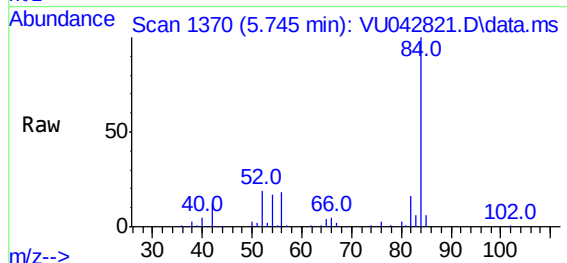




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.061 min
Lab File: VU042821.D
Acq: 29 Mar 2021 17:15

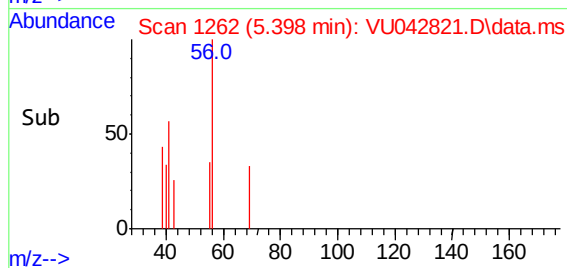
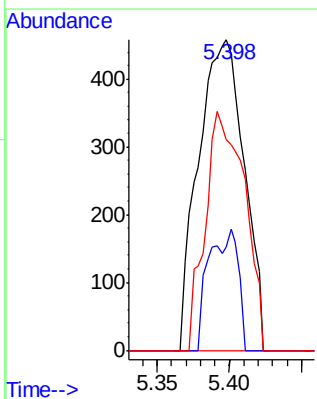
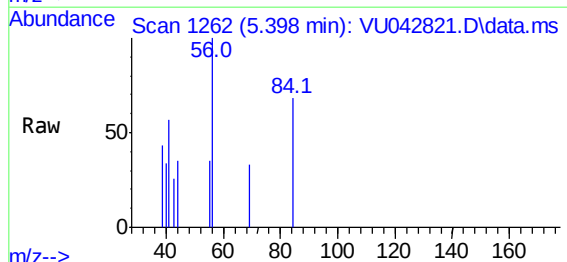
Instrument :
MSVOA_U
ClientSampleId :
YAR26

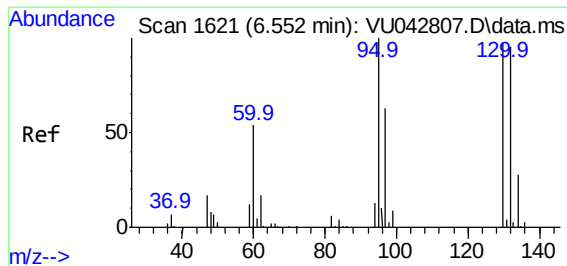
Tgt Ion: 62 Resp: 647
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#30
Cyclohexane
Concen: 0.08 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042821.D
Acq: 29 Mar 2021 17:15

Tgt Ion: 56 Resp: 1009
Ion Ratio Lower Upper
56 100
69 24.8 23.7 35.5
84 66.0 65.3 97.9

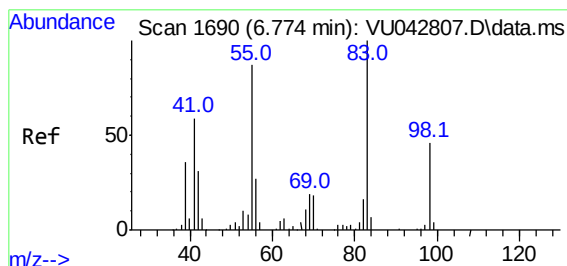
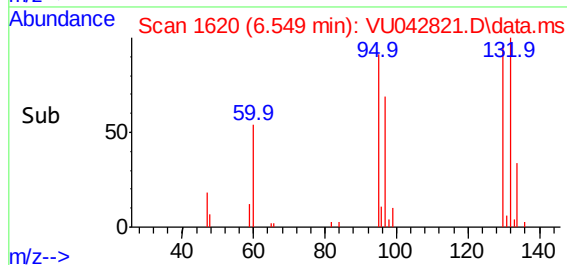
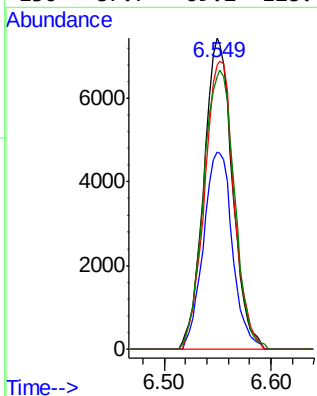
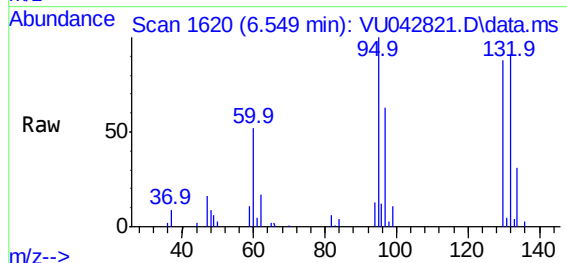




#34
Trichloroethene
Concen: 1.84 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042821.D
Acq: 29 Mar 2021 17:15

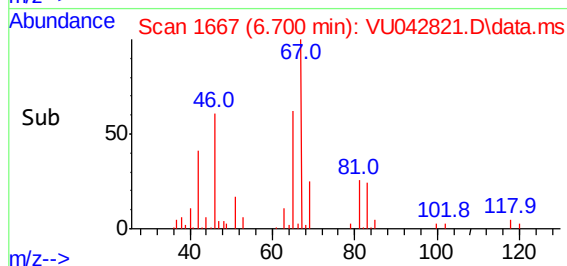
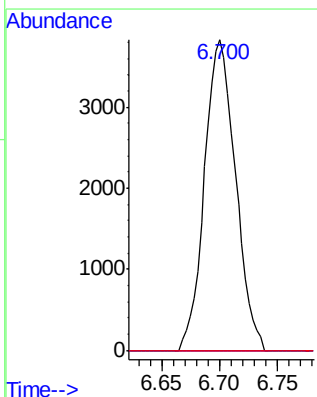
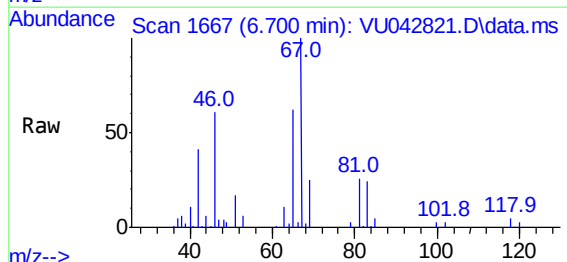
Instrument :
MSVOA_U
ClientSampleId :
YAR26

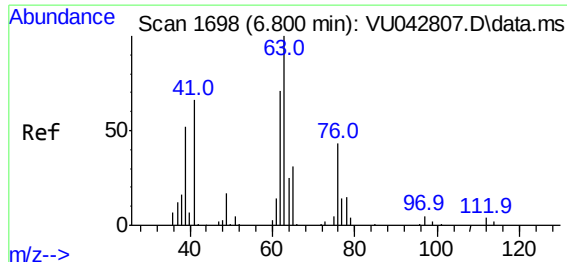
Tgt Ion: 95 Resp: 13698
Ion Ratio Lower Upper
95 100
97 63.3 44.4 82.4
132 91.3 68.0 126.4
130 87.7 69.2 128.4



#35
Methylcyclohexane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042821.D
Acq: 29 Mar 2021 17:15

Tgt Ion: 83 Resp: 7141
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

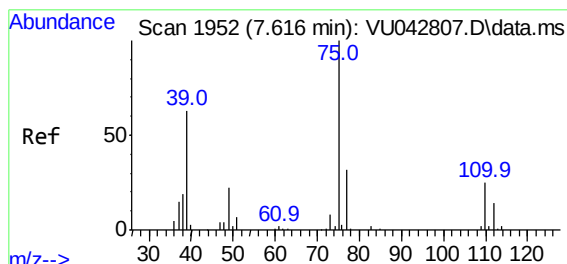
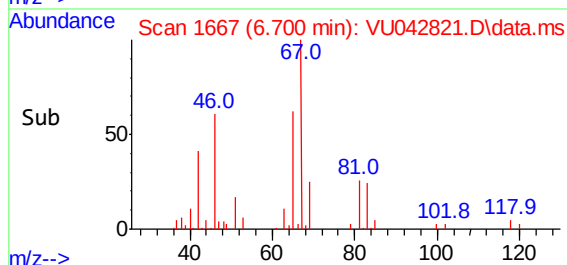
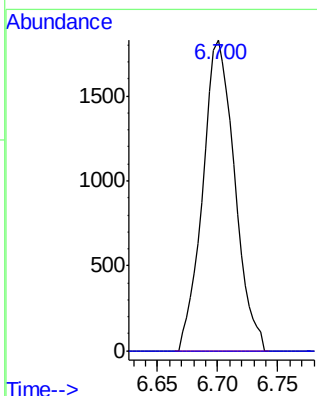
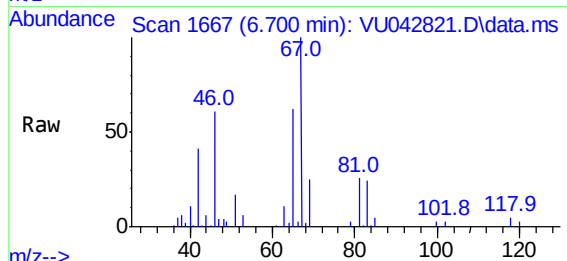




#37
1,2-Dichloropropane
Concen: 0.45 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042821.D
Acq: 29 Mar 2021 17:15

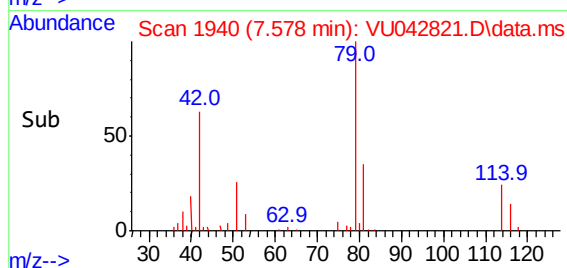
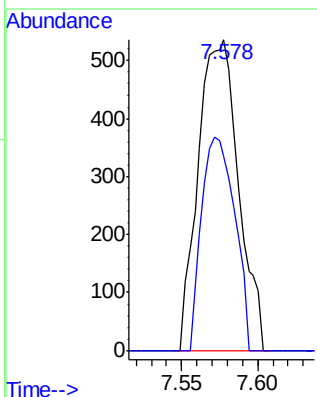
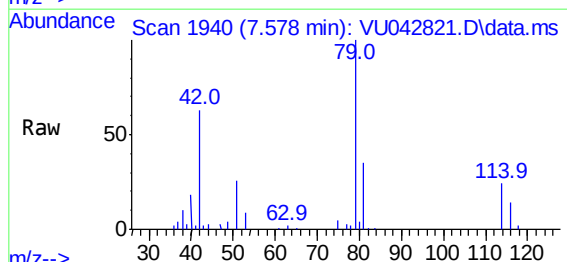
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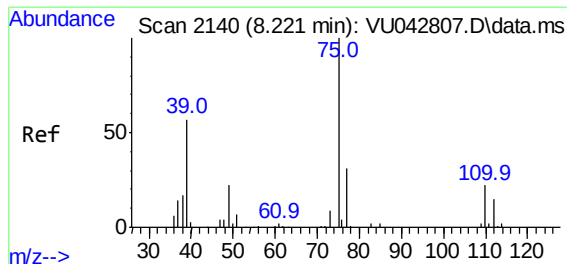
Tgt Ion: 63 Resp: 3287
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU042821.D
Acq: 29 Mar 2021 17:15

Tgt Ion: 75 Resp: 987
Ion Ratio Lower Upper
75 100
77 62.7 22.0 40.8#

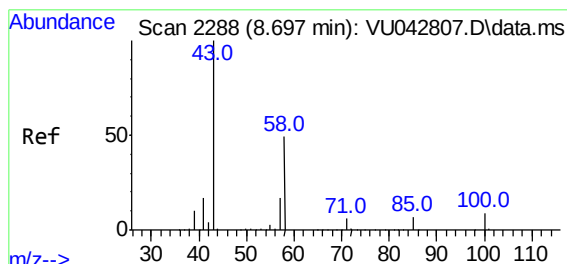
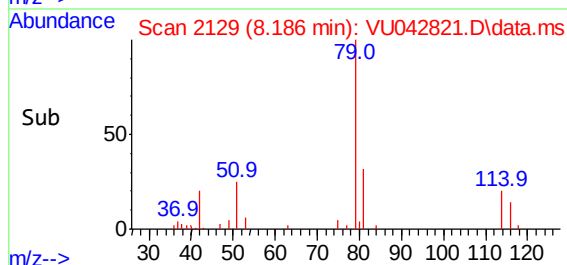
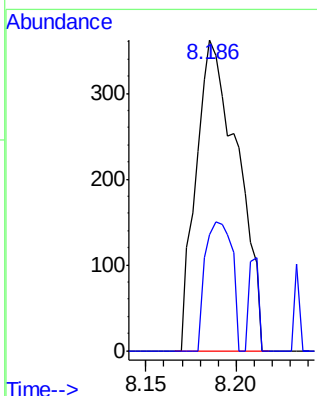
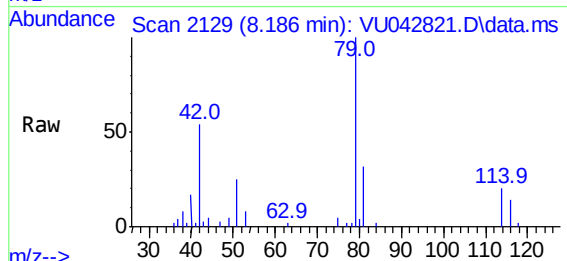




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042821.D
Acq: 29 Mar 2021 17:15

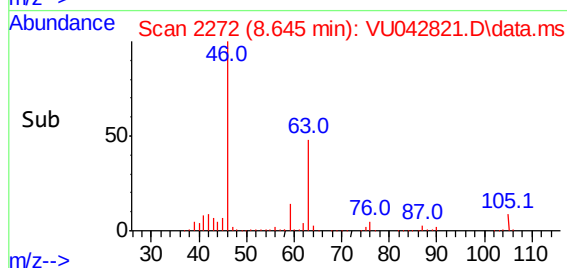
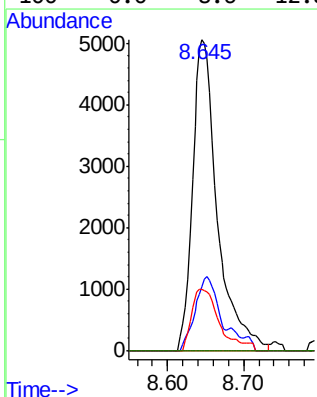
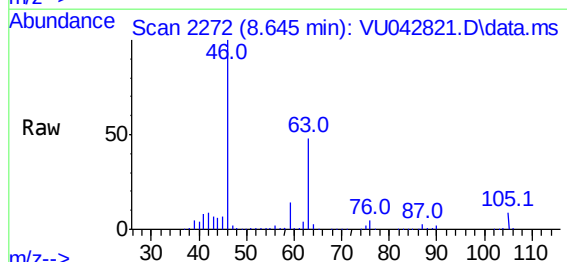
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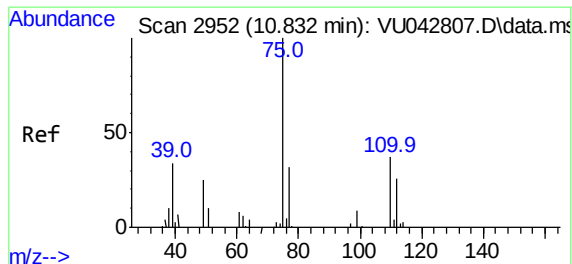
Tgt Ion: 75 Resp: 575
Ion Ratio Lower Upper
75 100
77 37.6 21.8 40.4



#48
2-Hexanone
Concen: 2.45 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042821.D
Acq: 29 Mar 2021 17:15

Tgt Ion: 43 Resp: 11419
Ion Ratio Lower Upper
43 100
58 21.4 40.6 61.0#
57 22.2 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.02 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042821.D
 Acq: 29 Mar 2021 17:15

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 5550
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.0 39.0

