

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042820.D
 Acq On : 29 Mar 2021 16:50
 Operator : SY/MD
 Sample : M1846-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR25

Quant Time: Mar 30 01:16:58 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)

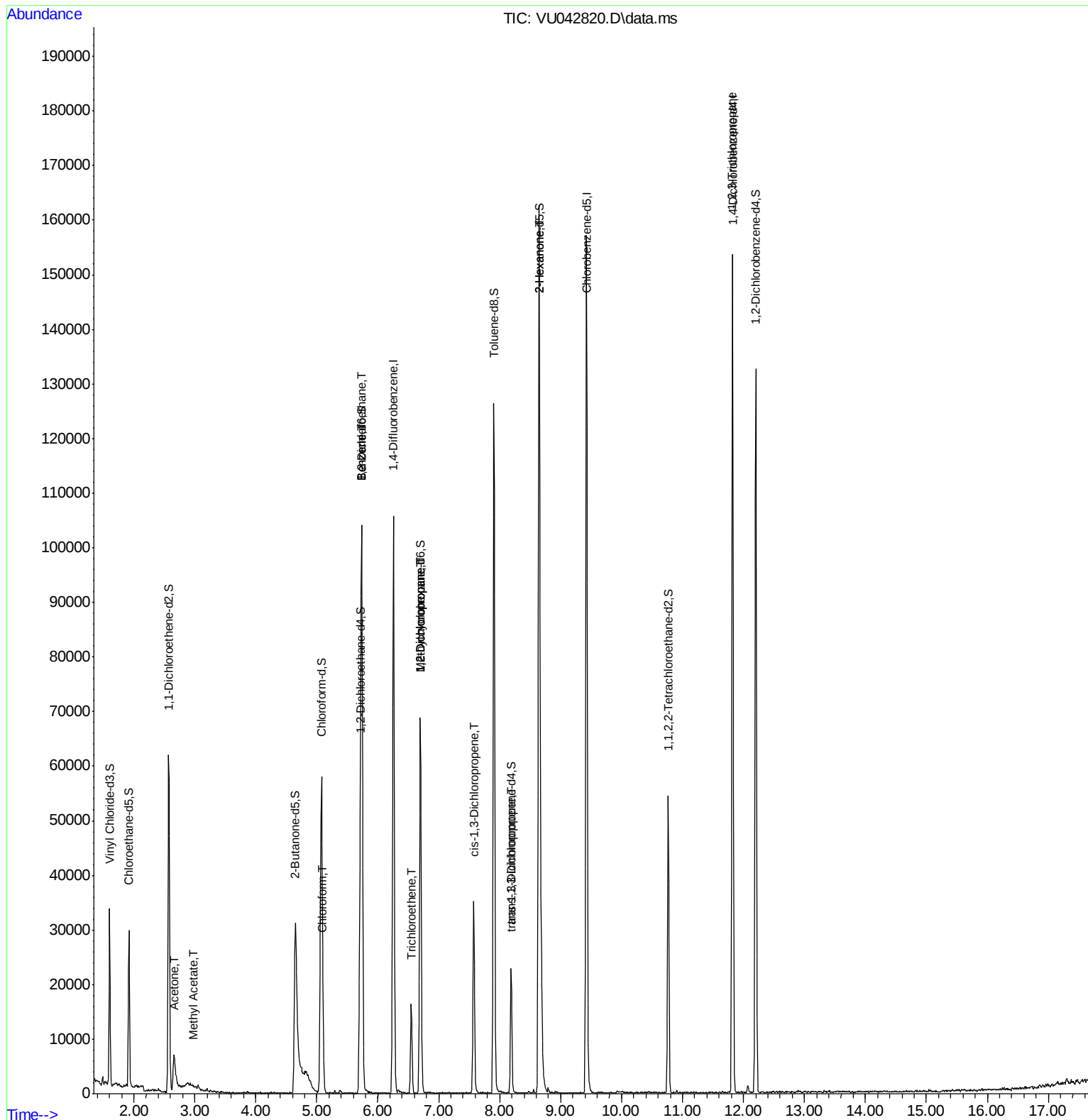
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	79904	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	82870	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	37846	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21971	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.919	69	19499	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.572	63	38243	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.649	46	68292	39.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.10%
24) Chloroform-d	5.073	84	49463	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.713	65	31302	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.735	84	86182	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.700	67	29314	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.906	98	79190	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloroprop...	8.185	79	11963	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.645	63	64471	43.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.94%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24966	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	32231	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%
Target Compounds						
13) Acetone	2.655	43	15179	11.26	ug/L	90
15) Methyl Acetate	2.980	43	298	0.09	ug/L #	55
25) Chloroform	5.099	83	6971	0.58	ug/L	98
27) 1,2-Dichloroethane	5.735	62	601	0.07	ug/L #	75
33) Benzene	5.735	78	691	0.03	ug/L	100
34) Trichloroethene	6.552	95	5023	0.70	ug/L	97
35) Methylcyclohexane	6.700	83	7113	0.65	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	3362	0.48	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	922	0.09	ug/L #	63
44) trans-1,3-Dichloropropene	8.192	75	423	0.04	ug/L #	48
48) 2-Hexanone	8.648	43	10141	2.25	ug/L #	69
59) 1,2,3-Trichloropropane	11.819	75	4807	0.91	ug/L #	82

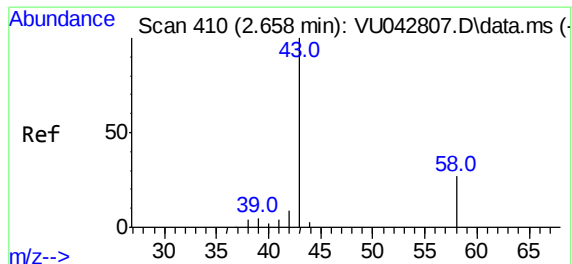
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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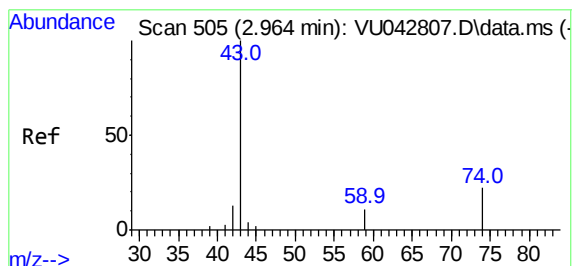
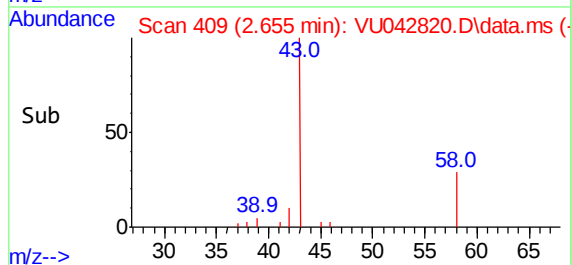
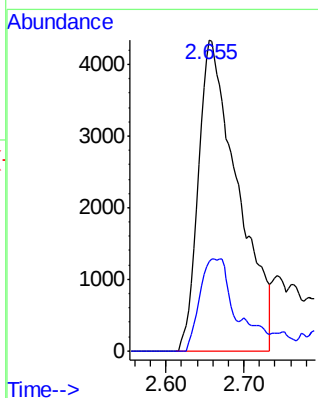
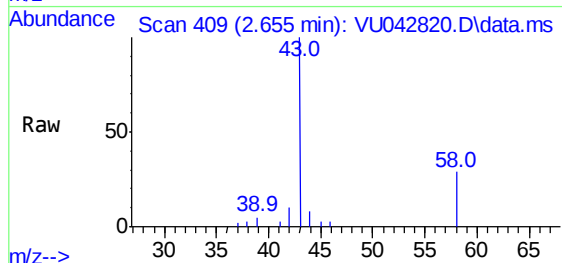




#13
Acetone
Concen: 11.26 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.003 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

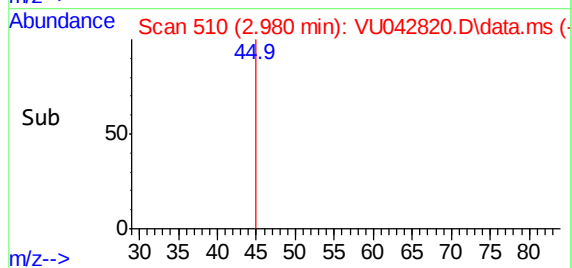
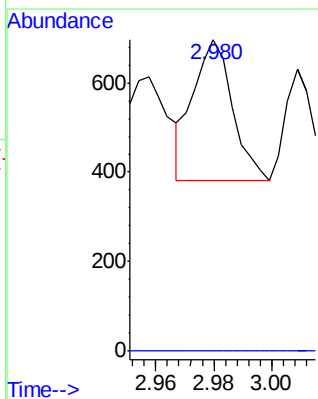
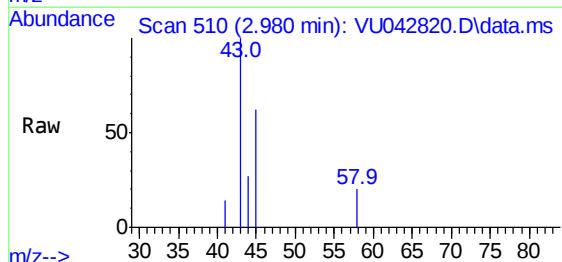
Instrument :
MSVOA_U
ClientSampleId :
YAR25

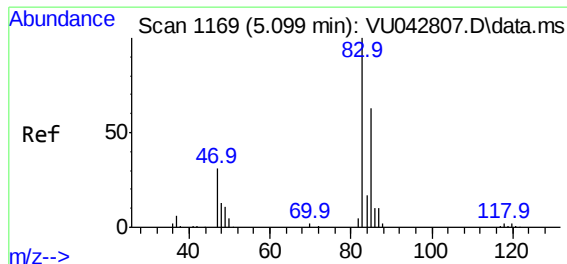
Tgt Ion: 43 Resp: 15179
Ion Ratio Lower Upper
43 100
58 22.4 0.0 55.8



#15
Methyl Acetate
Concen: 0.09 ug/L
RT: 2.980 min Scan# 510
Delta R.T. 0.016 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#

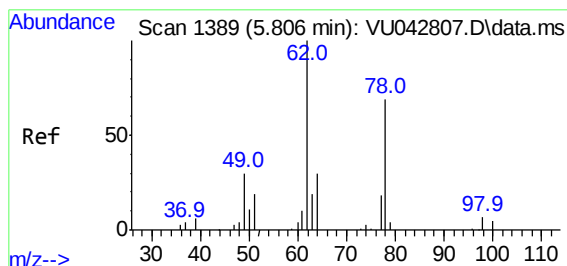
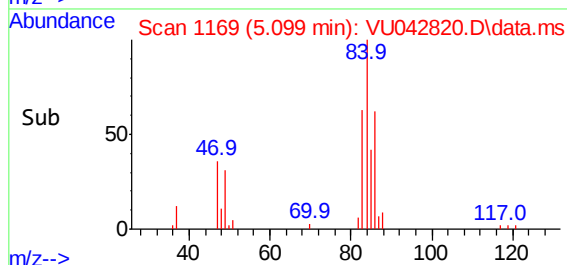
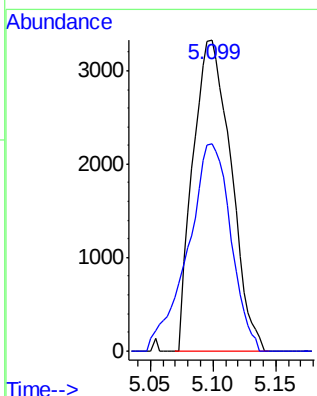
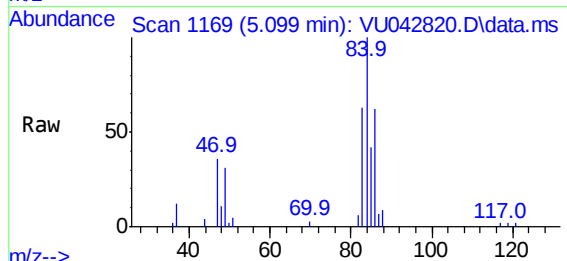




#25
Chloroform
Concen: 0.58 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

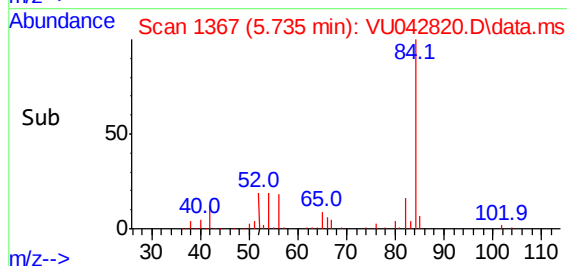
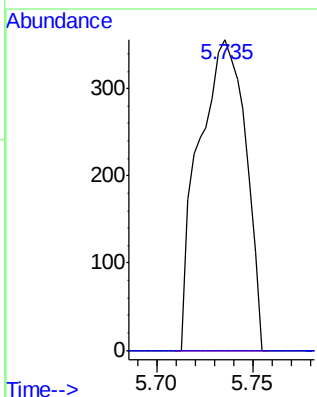
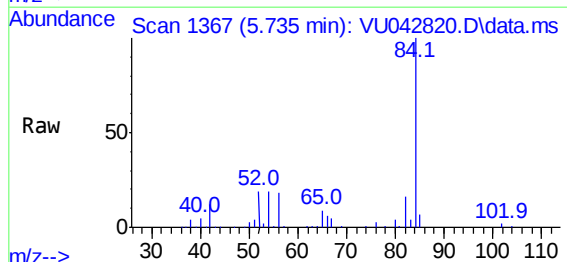
Instrument :
MSVOA_U
ClientSampled :
YAR25

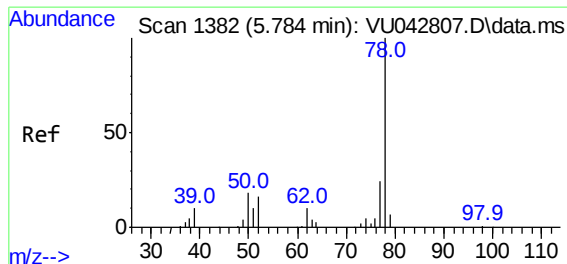
Tgt Ion: 83 Resp: 6971
Ion Ratio Lower Upper
83 100
85 66.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

Tgt Ion: 62 Resp: 601
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

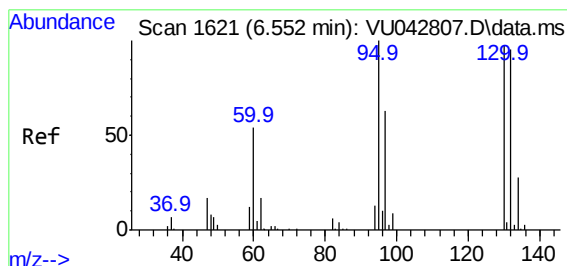
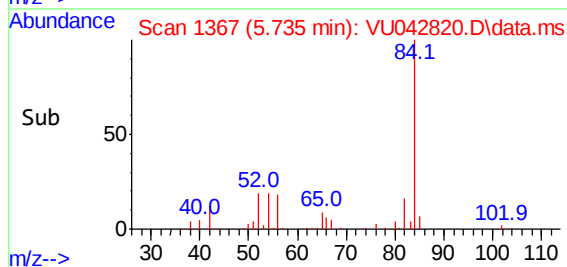
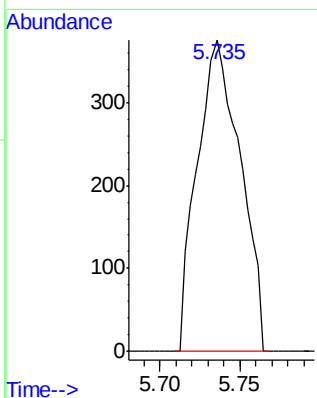
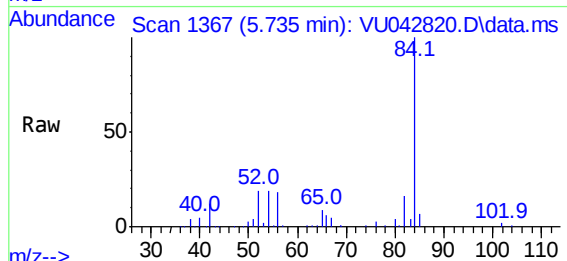




#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

Instrument :
MSVOA_U
ClientSampleId :
YAR25

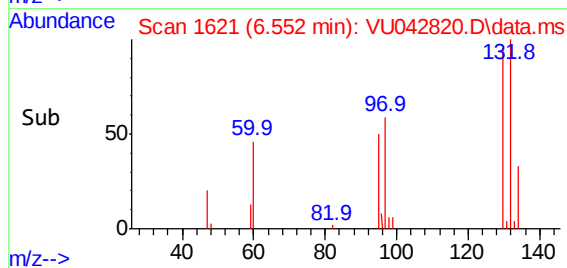
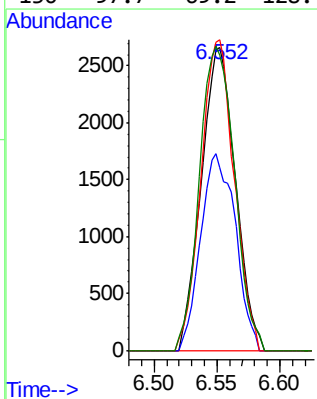
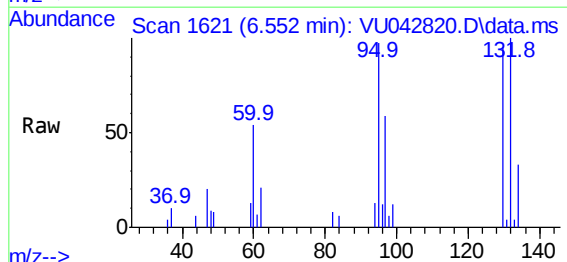
Tgt Ion: 78 Resp: 691

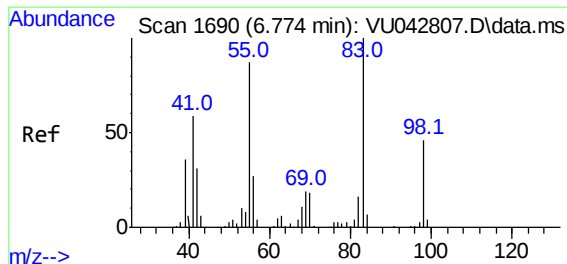


#34
Trichloroethene
Concen: 0.70 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

Tgt Ion: 95 Resp: 5023

Ion	Ratio	Lower	Upper
95	100		
97	60.3	44.4	82.4
132	102.7	68.0	126.4
130	97.7	69.2	128.4

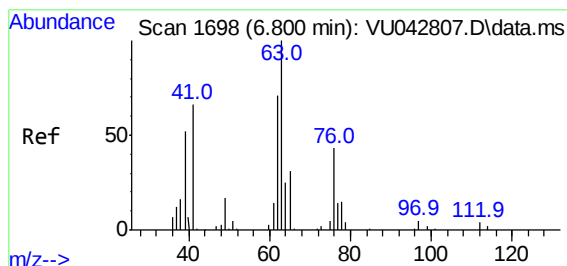
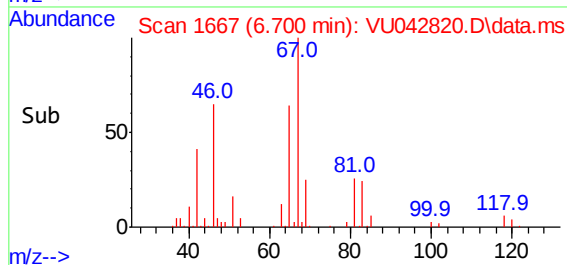
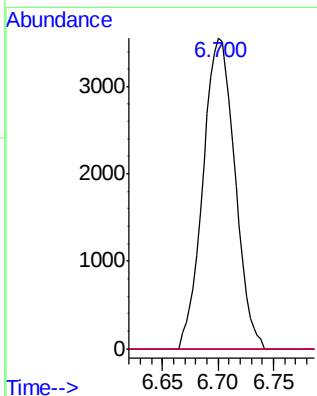
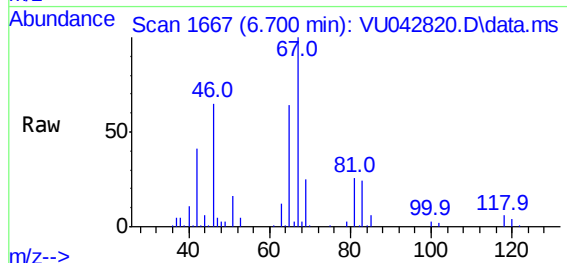




#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

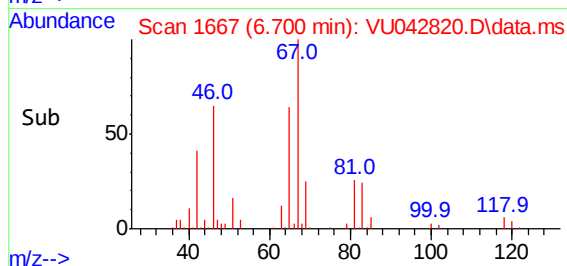
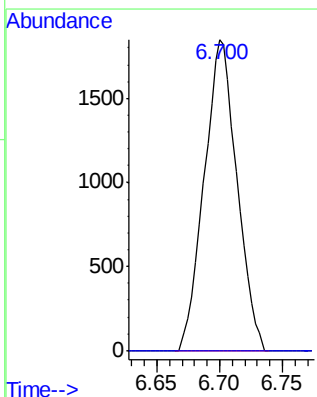
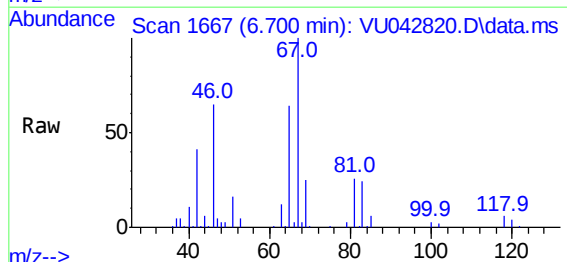
Instrument :
MSVOA_U
ClientSampled :
YAR25

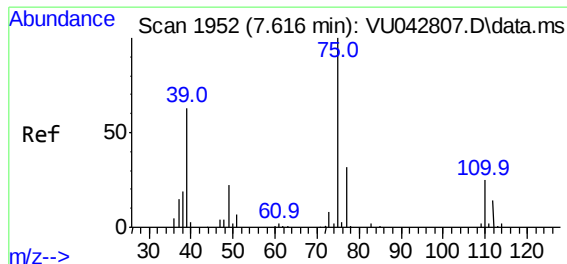
Tgt Ion: 83 Resp: 7113
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 3.1 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

Tgt Ion: 63 Resp: 3362
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

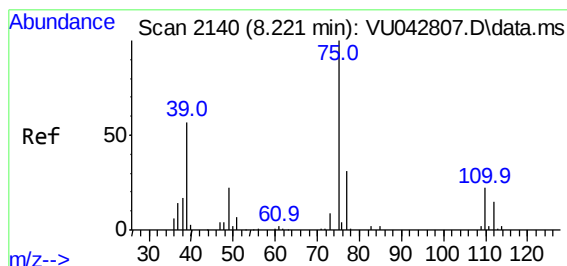
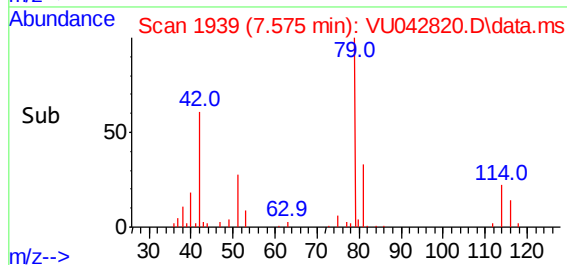
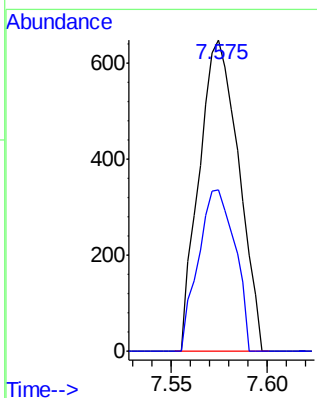
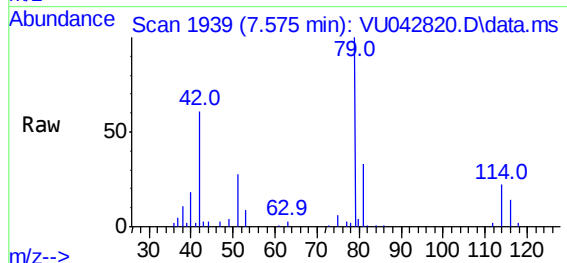




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

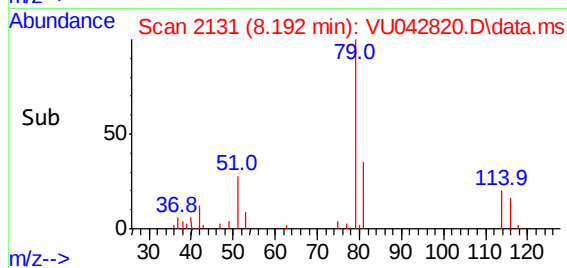
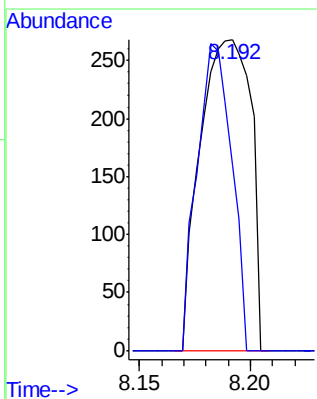
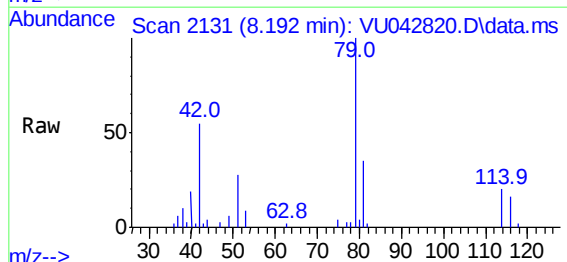
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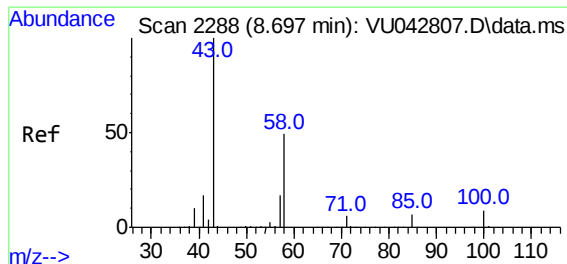
Tgt Ion: 75 Resp: 922
Ion Ratio Lower Upper
75 100
77 51.8 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.04 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

Tgt Ion: 75 Resp: 423
Ion Ratio Lower Upper
75 100
77 59.7 21.8 40.4#

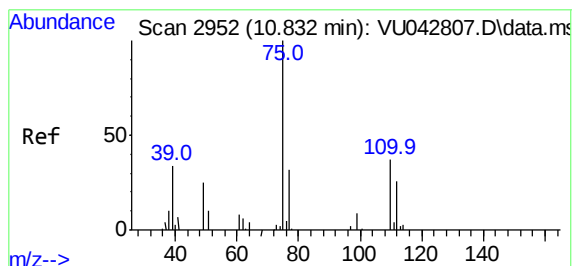
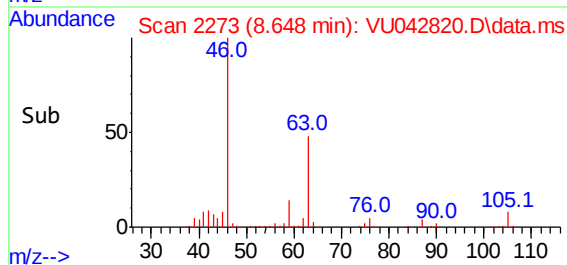
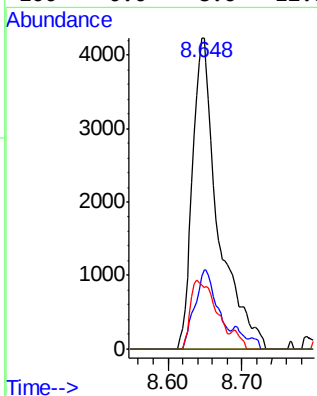
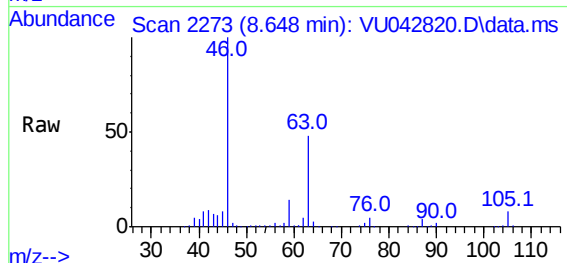




#48
2-Hexanone
Concen: 2.25 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

Instrument :
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ClientSampleId :
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Tgt Ion:	43	Resp:	10141
Ion	Ratio	Lower	Upper
43	100		
58	22.4	40.6	61.0#
57	21.9	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.91 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042820.D
Acq: 29 Mar 2021 16:50

Tgt Ion:	75	Resp:	4807
Ion	Ratio	Lower	Upper
75	100		
77	42.4	26.0	39.0#

