

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042842.D
 Acq On : 30 Mar 2021 16:38
 Operator : SY/MD
 Sample : M1846-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Mar 31 02:12:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 31 02:07:34 2021
 Response via : Initial Calibration

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

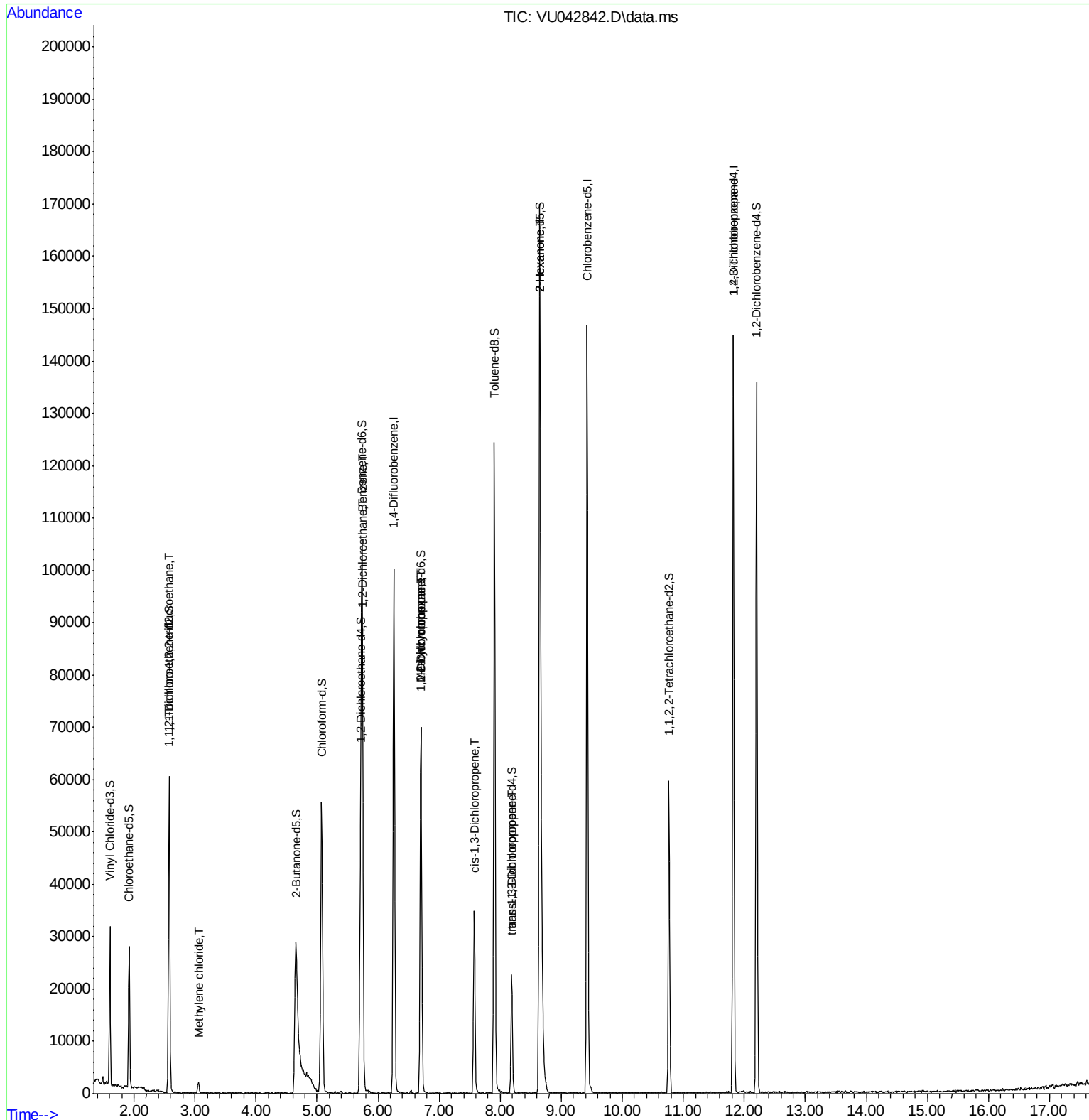
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	75337	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	76649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	36339	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20210	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.919	69	19093	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.575	63	36944	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.652	46	75529	45.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.60%
24) Chloroform-d	5.073	84	50674	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.713	65	31336	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.736	84	86913	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.700	67	28971	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.906	98	77460	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloroprop...	8.189	79	12167	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.649	63	69472	51.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.46%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27913	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	33622	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	291	0.05	ug/L #	18
16) Methylene chloride	3.057	84	898	0.14	ug/L	94
27) 1,2-Dichloroethane	5.745	62	629	0.07	ug/L #	75
33) Benzene	5.739	78	649	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7060	0.70	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3777	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	894	0.09	ug/L #	71
44) trans-1,3-Dichloropropene	8.192	75	544	0.06	ug/L #	33
48) 2-Hexanone	8.649	43	11915	2.86	ug/L #	67
59) 1,2,3-Trichloropropane	11.822	75	4807	0.99	ug/L	98

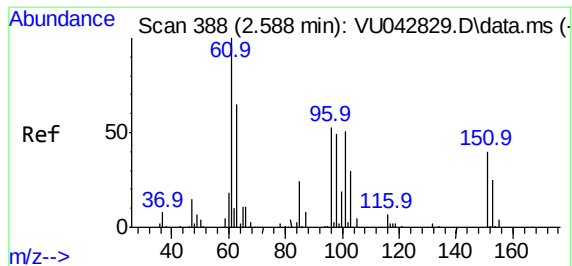
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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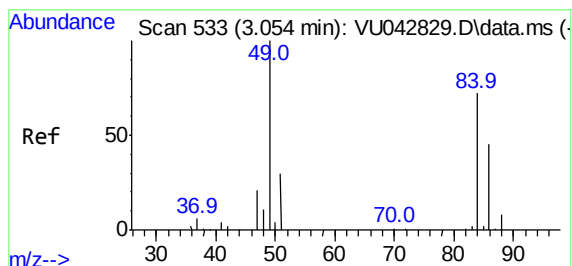
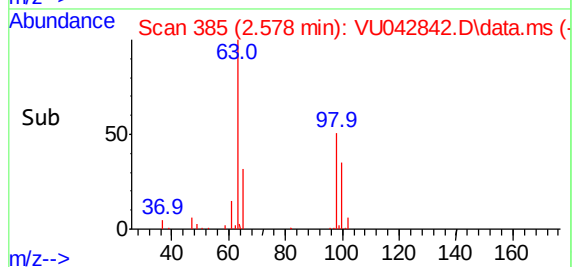
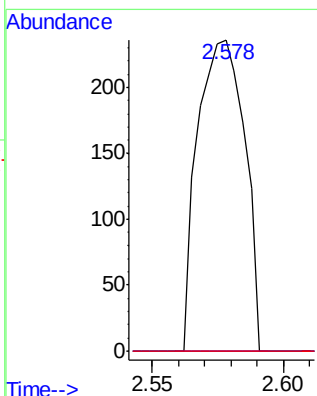
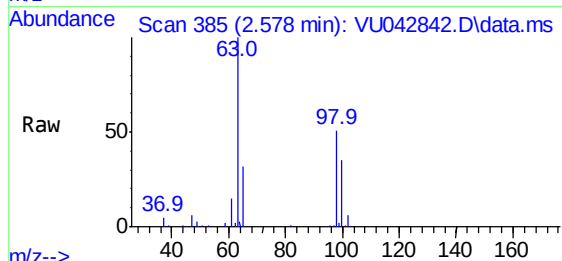




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042842.D
Acq: 30 Mar 2021 16:38

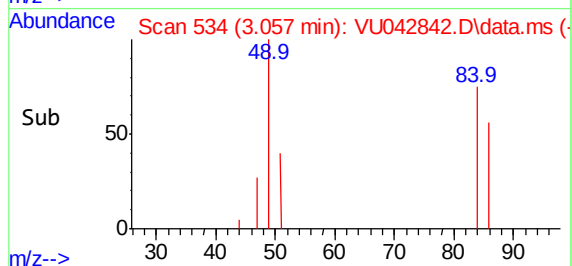
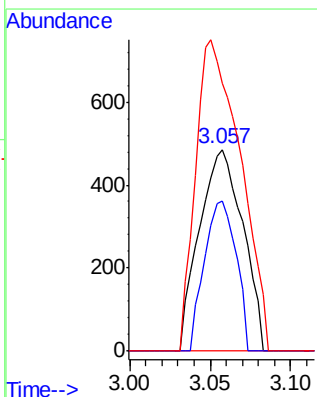
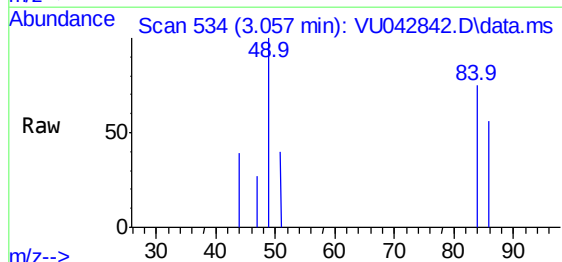
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

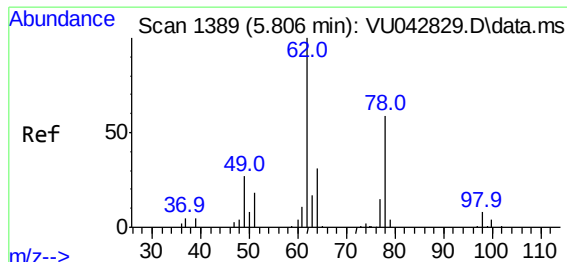
Tgt Ion:101 Resp: 291
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#16
Methylene chloride
Concen: 0.14 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042842.D
Acq: 30 Mar 2021 16:38

Tgt Ion: 84 Resp: 898
Ion Ratio Lower Upper
84 100
86 74.3 44.1 81.9
49 133.1 95.0 176.4

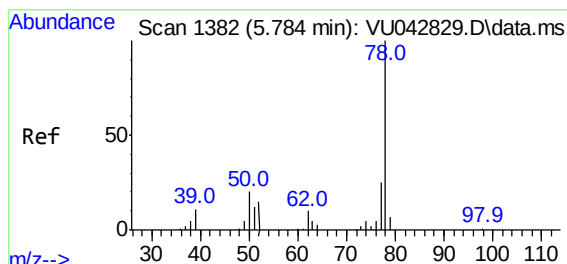
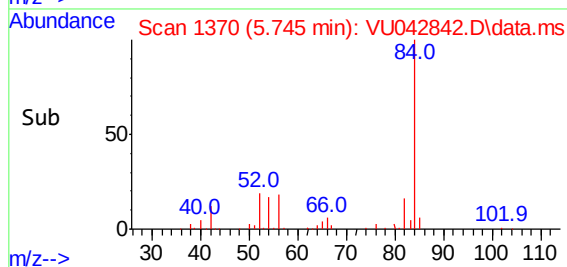
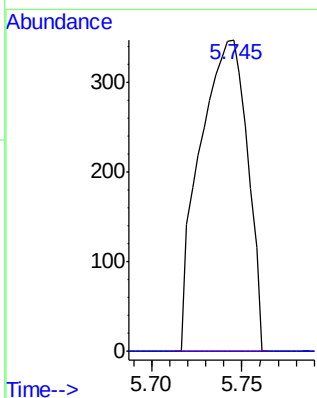
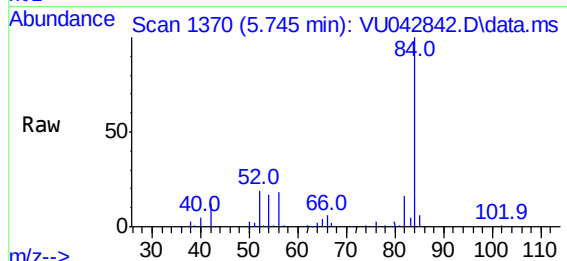




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.061 min
Lab File: VU042842.D
Acq: 30 Mar 2021 16:38

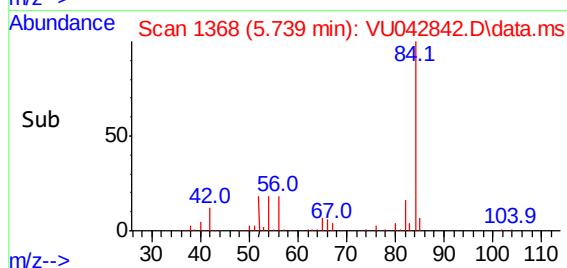
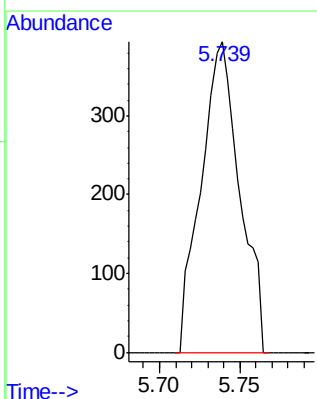
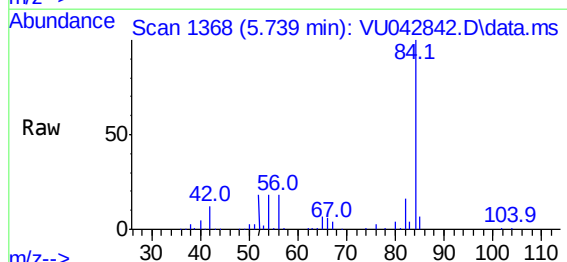
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

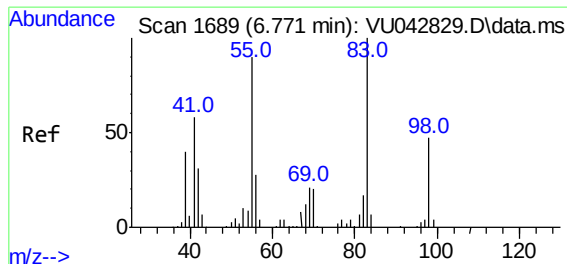
Tgt Ion: 62 Resp: 629
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042842.D
Acq: 30 Mar 2021 16:38

Tgt Ion: 78 Resp: 649

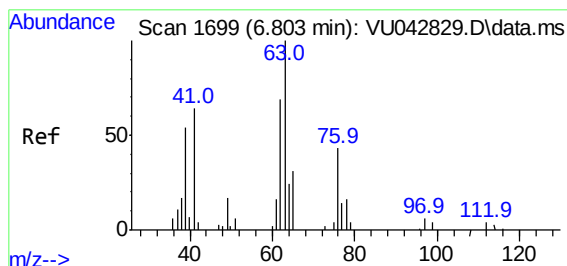
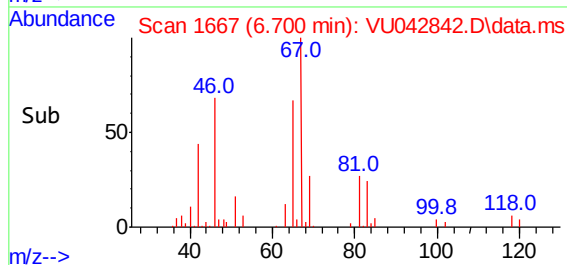
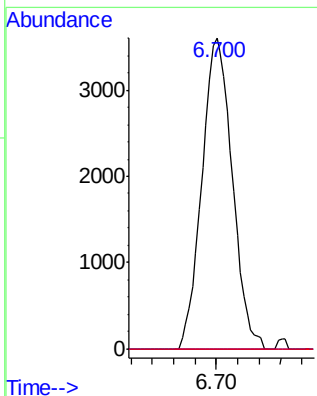
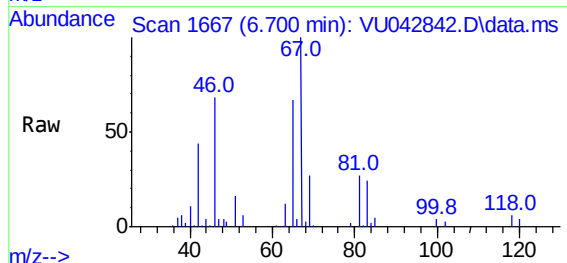




#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042842.D
Acq: 30 Mar 2021 16:38

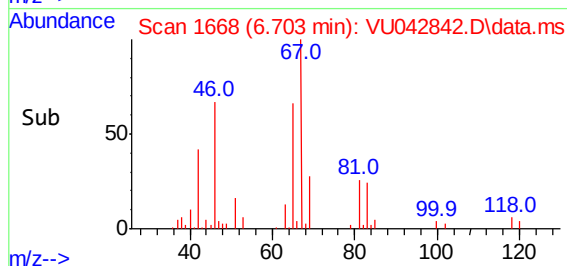
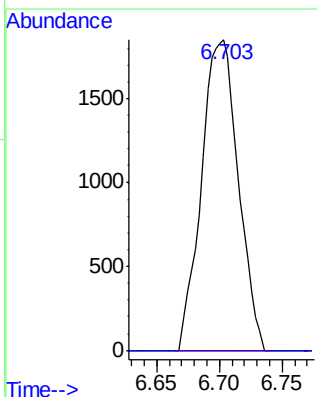
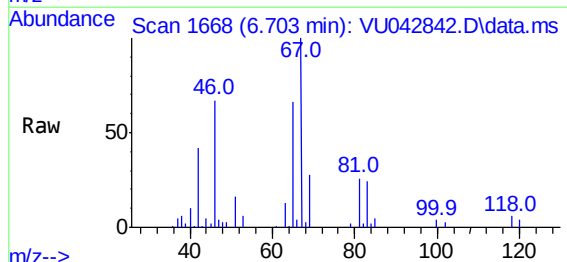
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

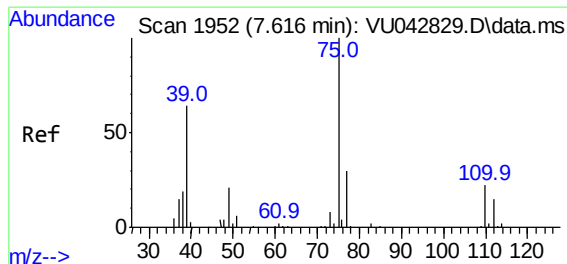
Tgt Ion: 83 Resp: 7060
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042842.D
Acq: 30 Mar 2021 16:38

Tgt Ion: 63 Resp: 3777
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

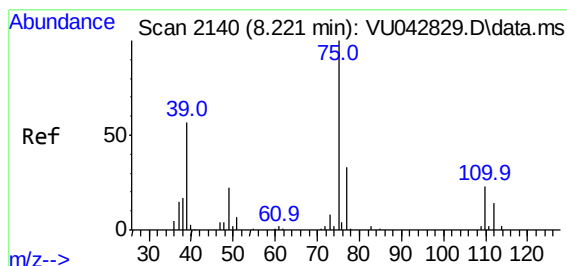
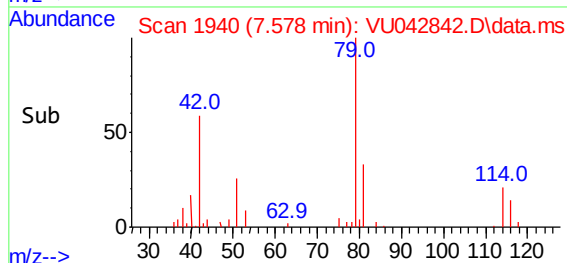
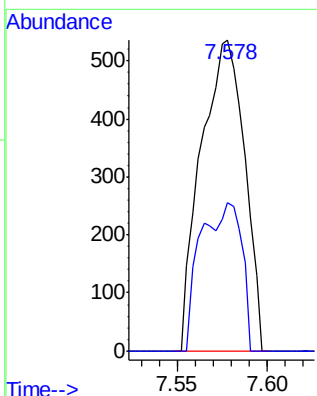
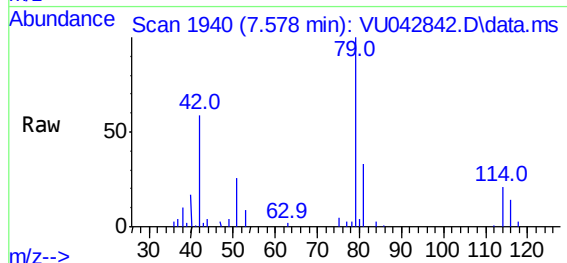




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042842.D
Acq: 30 Mar 2021 16:38

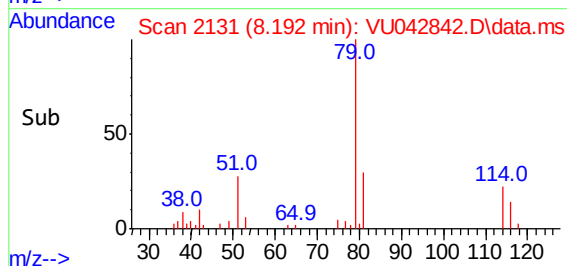
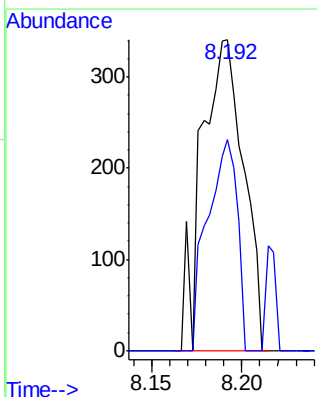
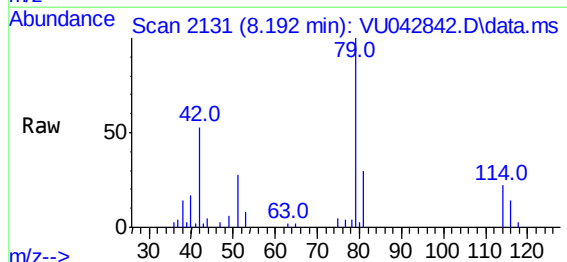
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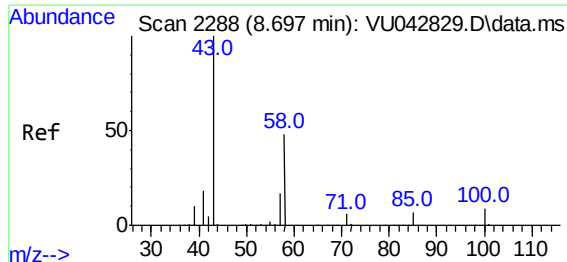
Tgt Ion: 75 Resp: 894
Ion Ratio Lower Upper
75 100
77 47.6 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042842.D
Acq: 30 Mar 2021 16:38

Tgt Ion: 75 Resp: 544
Ion Ratio Lower Upper
75 100
77 67.7 21.8 40.4#

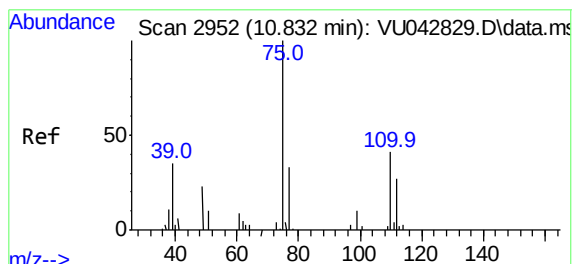
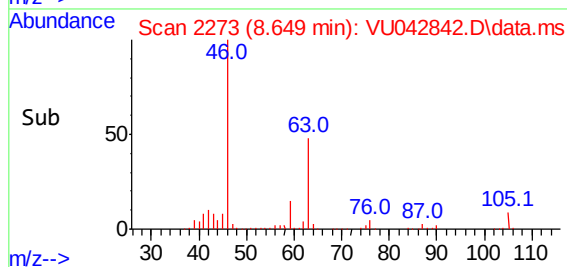
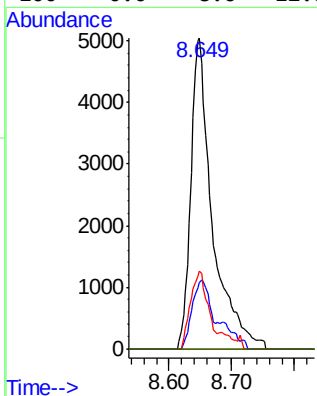
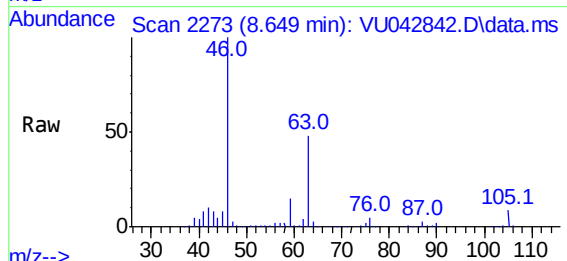




#48
2-Hexanone
Concen: 2.86 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042842.D
Acq: 30 Mar 2021 16:38

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Tgt Ion:	43	Resp:	11915
Ion	Ratio	Lower	Upper
43	100		
58	20.1	40.6	61.0#
57	20.4	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.99 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042842.D
Acq: 30 Mar 2021 16:38

Tgt Ion:	75	Resp:	4807
Ion	Ratio	Lower	Upper
75	100		
77	33.7	26.0	39.0

