

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042669.D
 Acq On : 15 Mar 2021 17:20
 Operator : SY/MD
 Sample : M1656-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 EW106DL

Quant Time: Mar 16 01:38:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

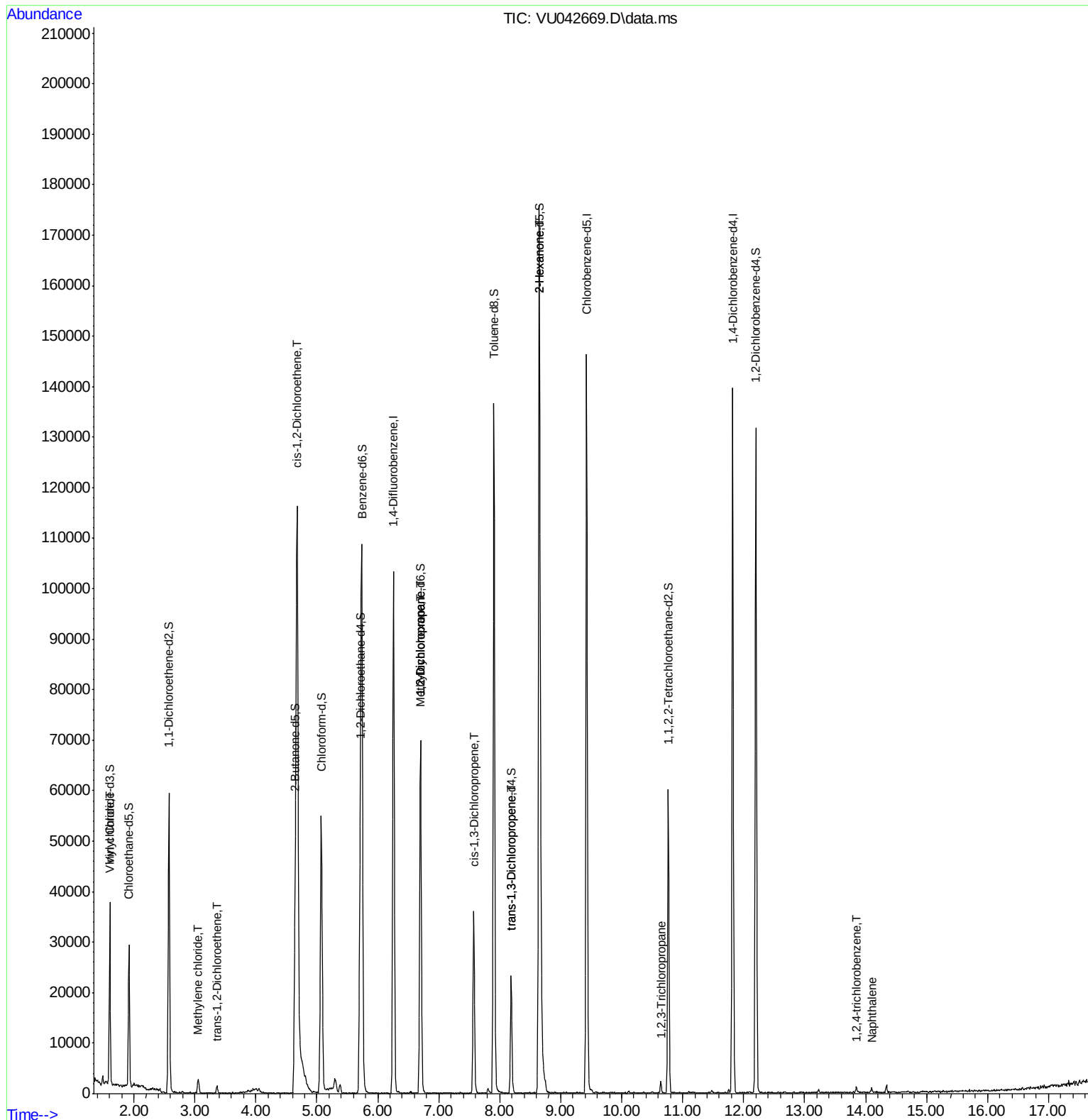
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	78383	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	76322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34917	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20716	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.919	69	18487	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.575	63	37306	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.649	46	84053	48.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	5.073	84	49848	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.713	65	33399	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.739	84	88748	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.700	67	29649	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.906	98	84013	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	8.189	79	12420	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.649	63	67987	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27472	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	32781	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%
Target Compounds						
5) Vinyl chloride	1.607	62	4134	0.60	ug/L	89
16) Methylene chloride	3.054	84	1293	0.20	ug/L	88
18) trans-1,2-Dichloroethene	3.366	96	473	0.08	ug/L	90
22) cis-1,2-Dichloroethene	4.678	96	46617	7.51	ug/L	94
35) Methylcyclohexane	6.703	83	7330	0.73	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3548	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	990	0.11	ug/L #	20
44) trans-1,3-Dichloropropene	8.186	75	693	0.08	ug/L #	69
48) 2-Hexanone	8.645	43	12372	2.98	ug/L #	69
59) 1,2,3-Trichloropropane	10.645	75	465	0.10	ug/L #	42
68) 1,2,4-trichlorobenzene	13.851	180	616	0.07	ug/L #	84
69) Naphthalene	14.098	128	1332	0.09	ug/L #	69

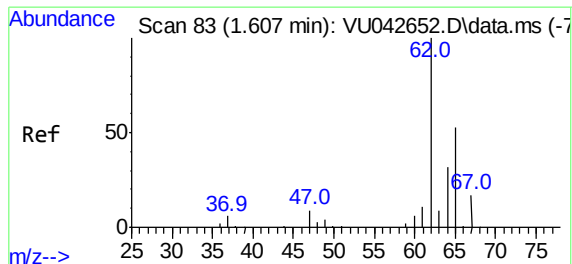
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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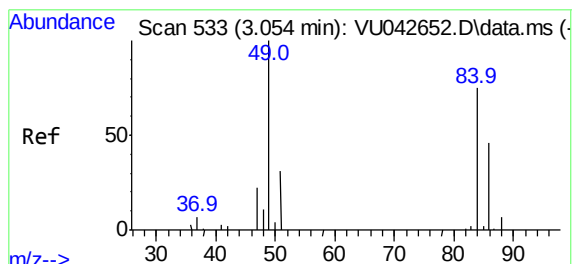
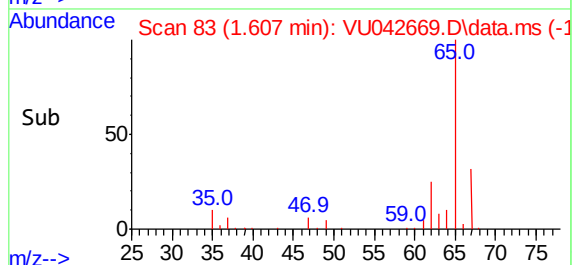
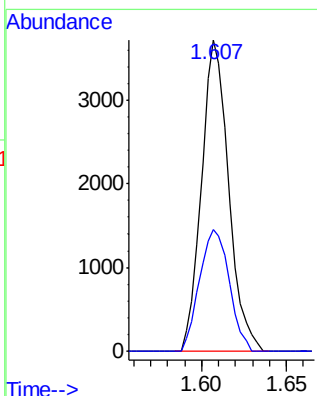
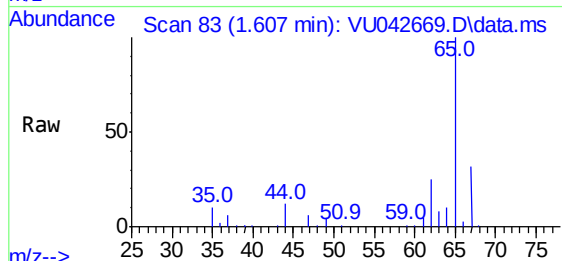




#5
 Vinyl chloride
 Concen: 0.60 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042669.D
 Acq: 15 Mar 2021 17:20

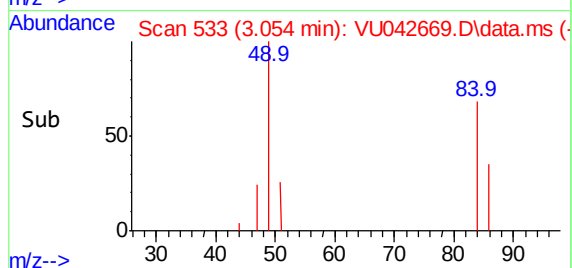
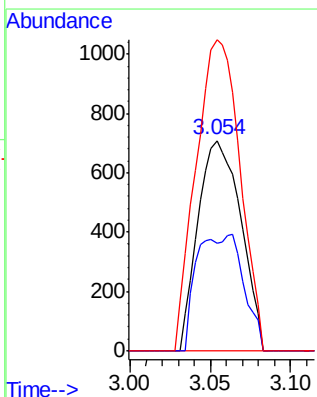
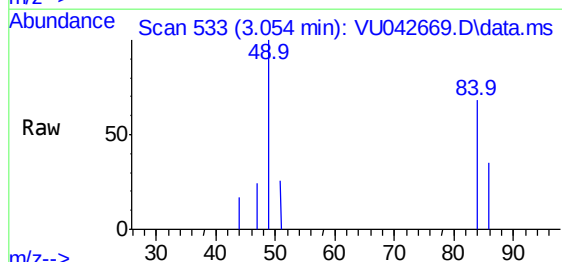
Instrument :
 MSVOA_U
 ClientSampleId :
 EW106DL

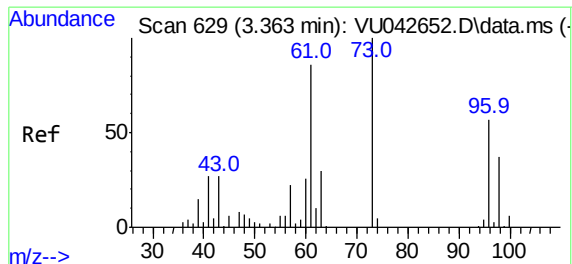
Tgt Ion: 62 Resp: 4134
 Ion Ratio Lower Upper
 62 100
 64 38.8 22.7 42.1



#16
 Methylene chloride
 Concen: 0.20 ug/L
 RT: 3.054 min Scan# 533
 Delta R.T. 0.000 min
 Lab File: VU042669.D
 Acq: 15 Mar 2021 17:20

Tgt Ion: 84 Resp: 1293
 Ion Ratio Lower Upper
 84 100
 86 51.1 44.1 81.9
 49 148.0 95.0 176.4

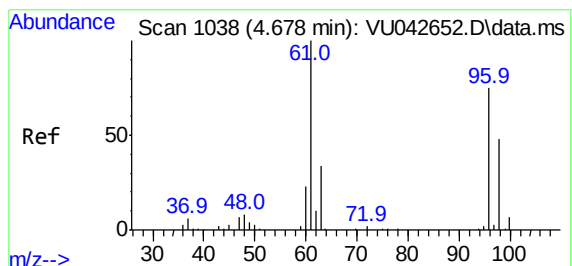
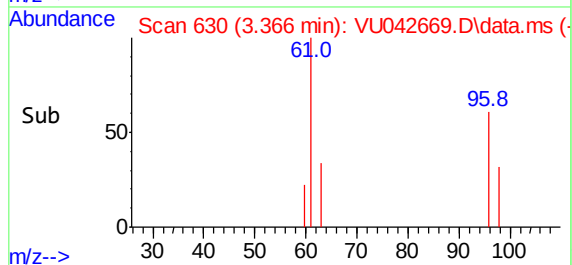
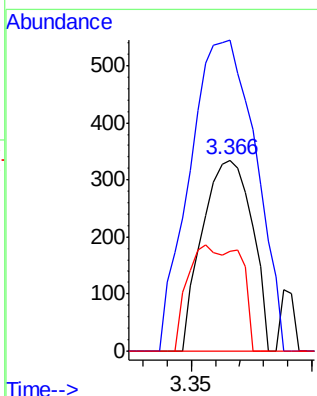
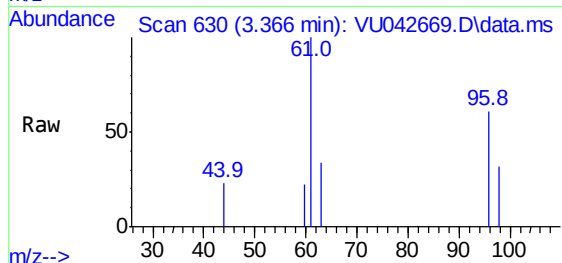




#18
trans-1,2-Dichloroethene
Concen: 0.08 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU042669.D
Acq: 15 Mar 2021 17:20

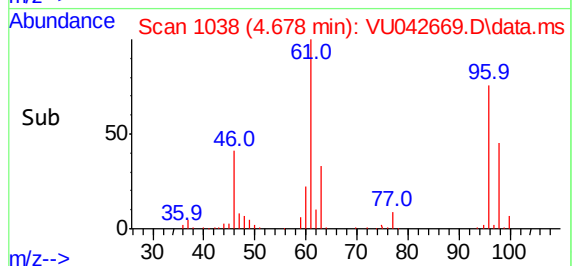
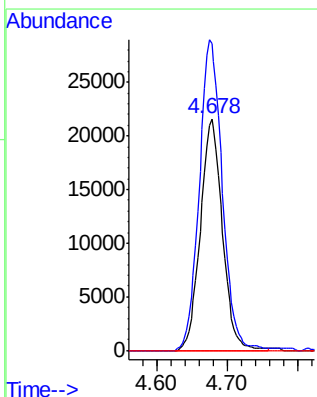
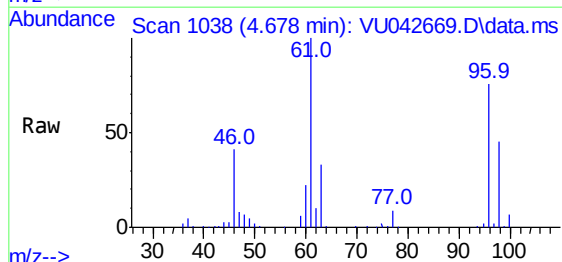
Instrument :
MSVOA_U
ClientSampleId :
EW106DL

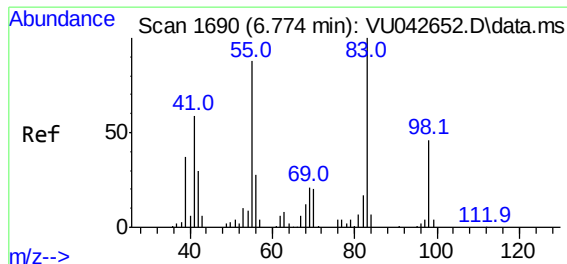
Tgt Ion: 96 Resp: 473
Ion Ratio Lower Upper
96 100
61 162.7 105.7 196.3
98 52.2 42.8 79.6



#22
cis-1,2-Dichloroethene
Concen: 7.51 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042669.D
Acq: 15 Mar 2021 17:20

Tgt Ion: 96 Resp: 46617
Ion Ratio Lower Upper
96 100
61 132.2 97.8 181.6
68 0.0 0.0 0.0

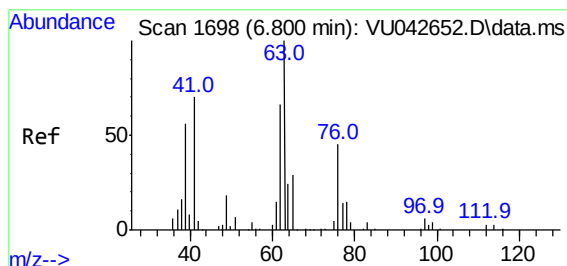
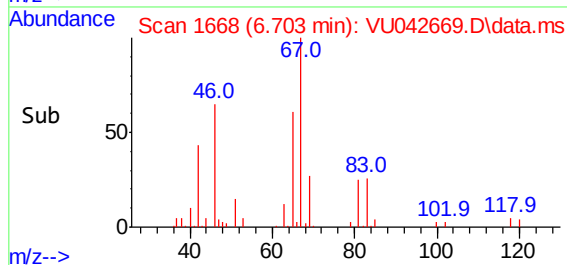
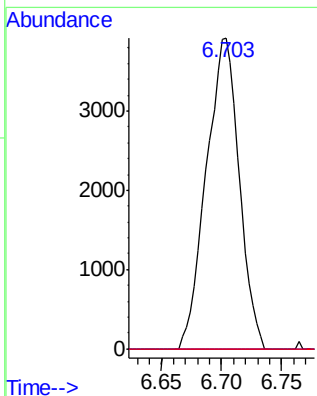
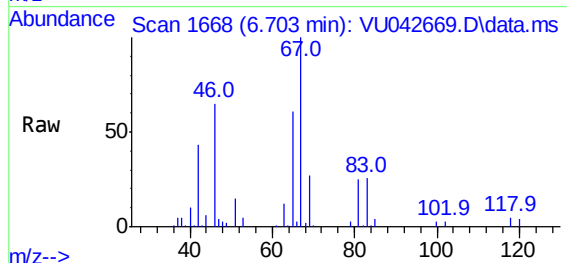




#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042669.D
Acq: 15 Mar 2021 17:20

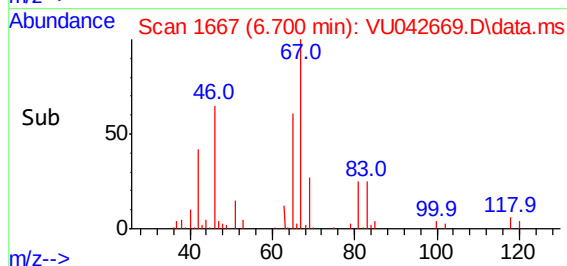
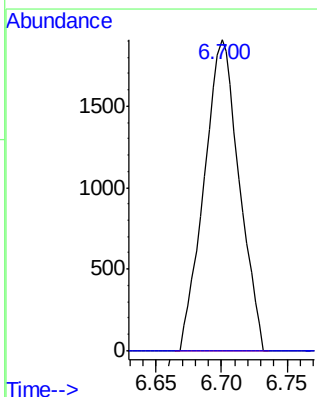
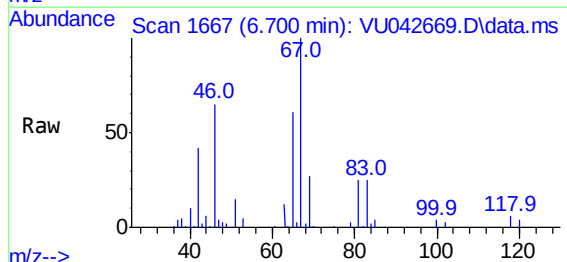
Instrument :
MSVOA_U
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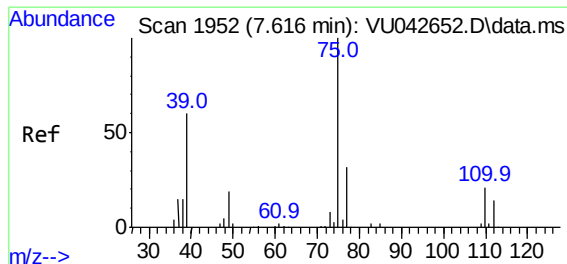
Tgt Ion: 83 Resp: 7330
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042669.D
Acq: 15 Mar 2021 17:20

Tgt Ion: 63 Resp: 3548
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

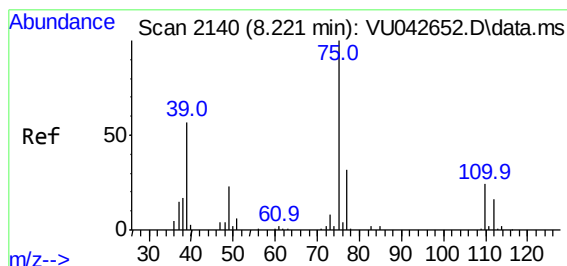
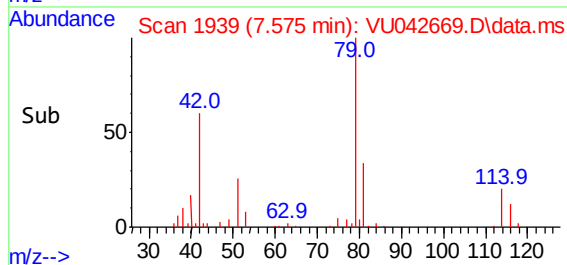
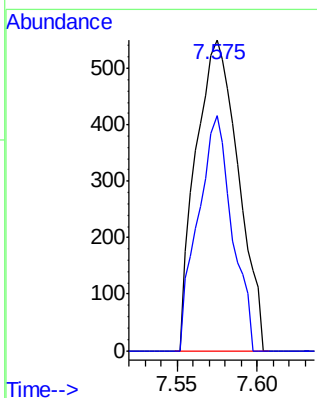
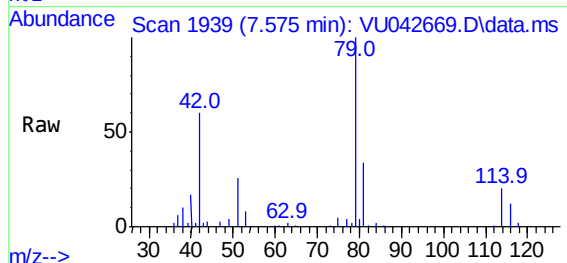




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042669.D
Acq: 15 Mar 2021 17:20

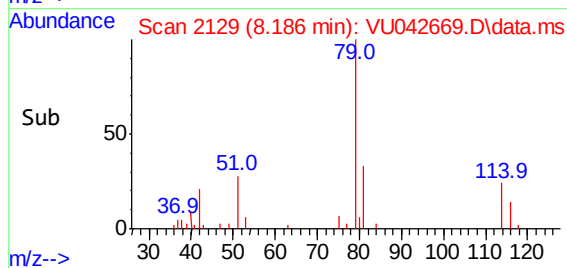
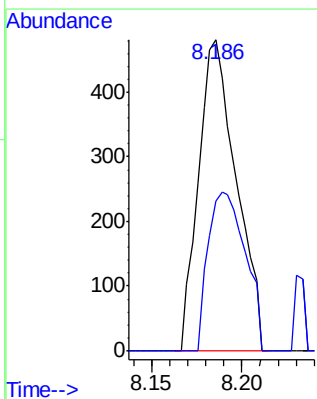
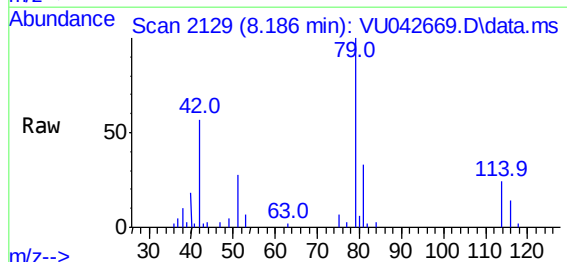
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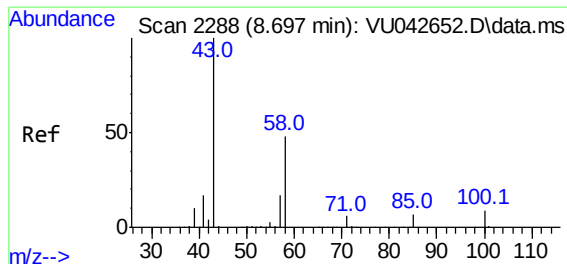
Tgt Ion: 75 Resp: 990
Ion Ratio Lower Upper
75 100
77 75.6 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042669.D
Acq: 15 Mar 2021 17:20

Tgt Ion: 75 Resp: 693
Ion Ratio Lower Upper
75 100
77 48.0 21.8 40.4#

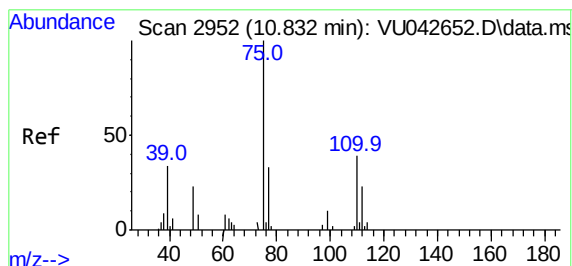
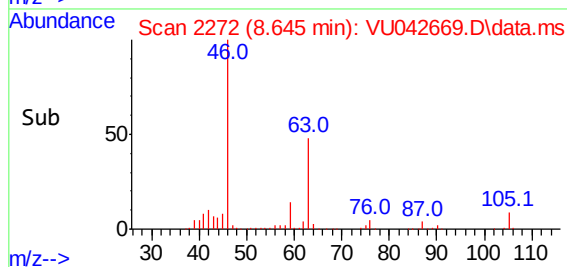
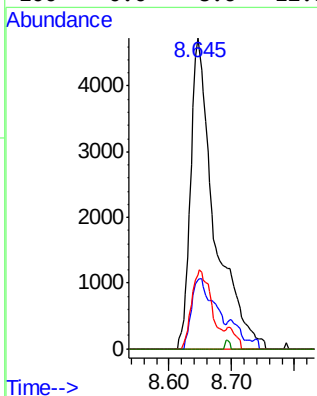
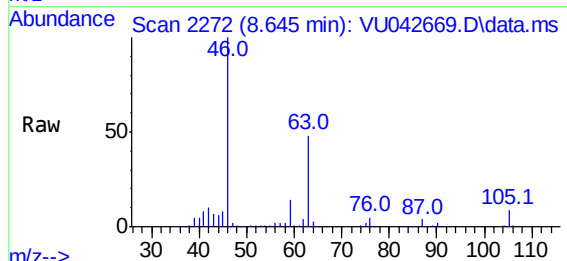




#48
2-Hexanone
Concen: 2.98 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042669.D
Acq: 15 Mar 2021 17:20

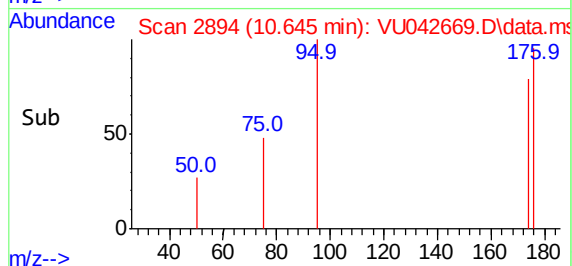
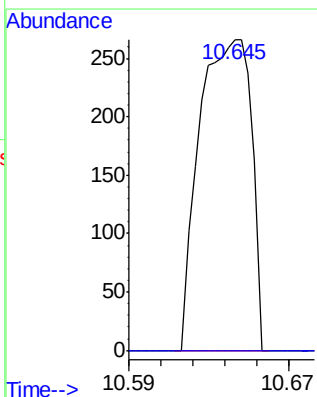
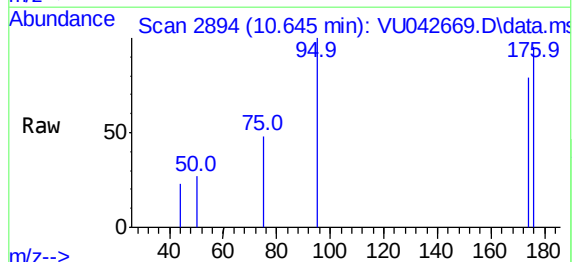
Instrument :
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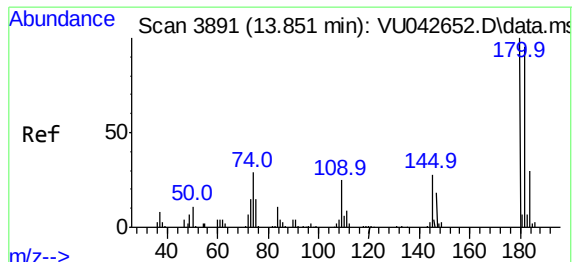
Tgt Ion:	43	Resp:	12372
Ion	Ratio	Lower	Upper
43	100		
58	22.2	40.6	61.0#
57	21.4	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.10 ug/L
RT: 10.645 min Scan# 2894
Delta R.T. -0.186 min
Lab File: VU042669.D
Acq: 15 Mar 2021 17:20

Tgt Ion:	75	Resp:	465
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#

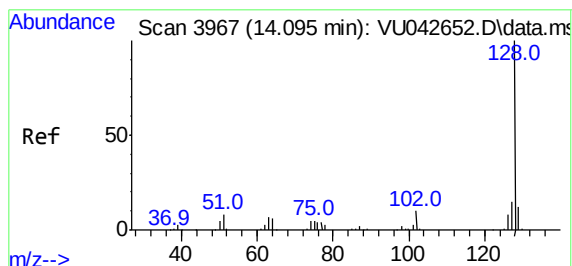
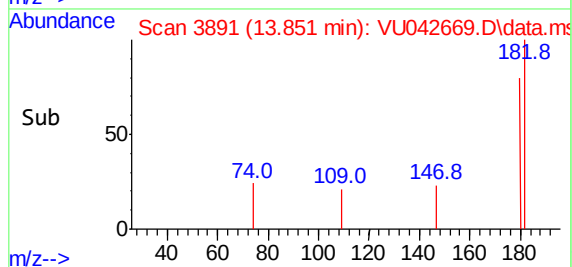
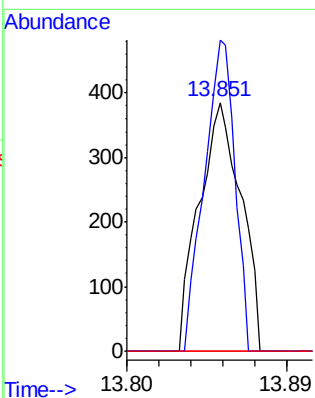
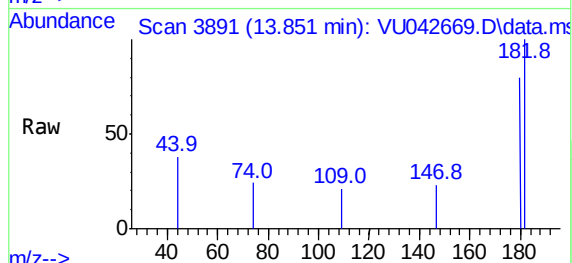




#68
1,2,4-trichlorobenzene
Concen: 0.07 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.000 min
Lab File: VU042669.D
Acq: 15 Mar 2021 17:20

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Tgt Ion:180 Resp: 616
Ion Ratio Lower Upper
180 100
182 91.1 76.3 114.5
145 0.0 23.7 35.5#



#69
Naphthalene
Concen: 0.09 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042669.D
Acq: 15 Mar 2021 17:20

Tgt Ion:128 Resp: 1332
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.6 15.8#

