

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042574.D
 Acq On : 11 Mar 2021 19:30
 Operator : SY/MD
 Sample : M1631-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B52

Quant Time: Mar 12 01:34:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 01:30:46 2021
 Response via : Initial Calibration

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

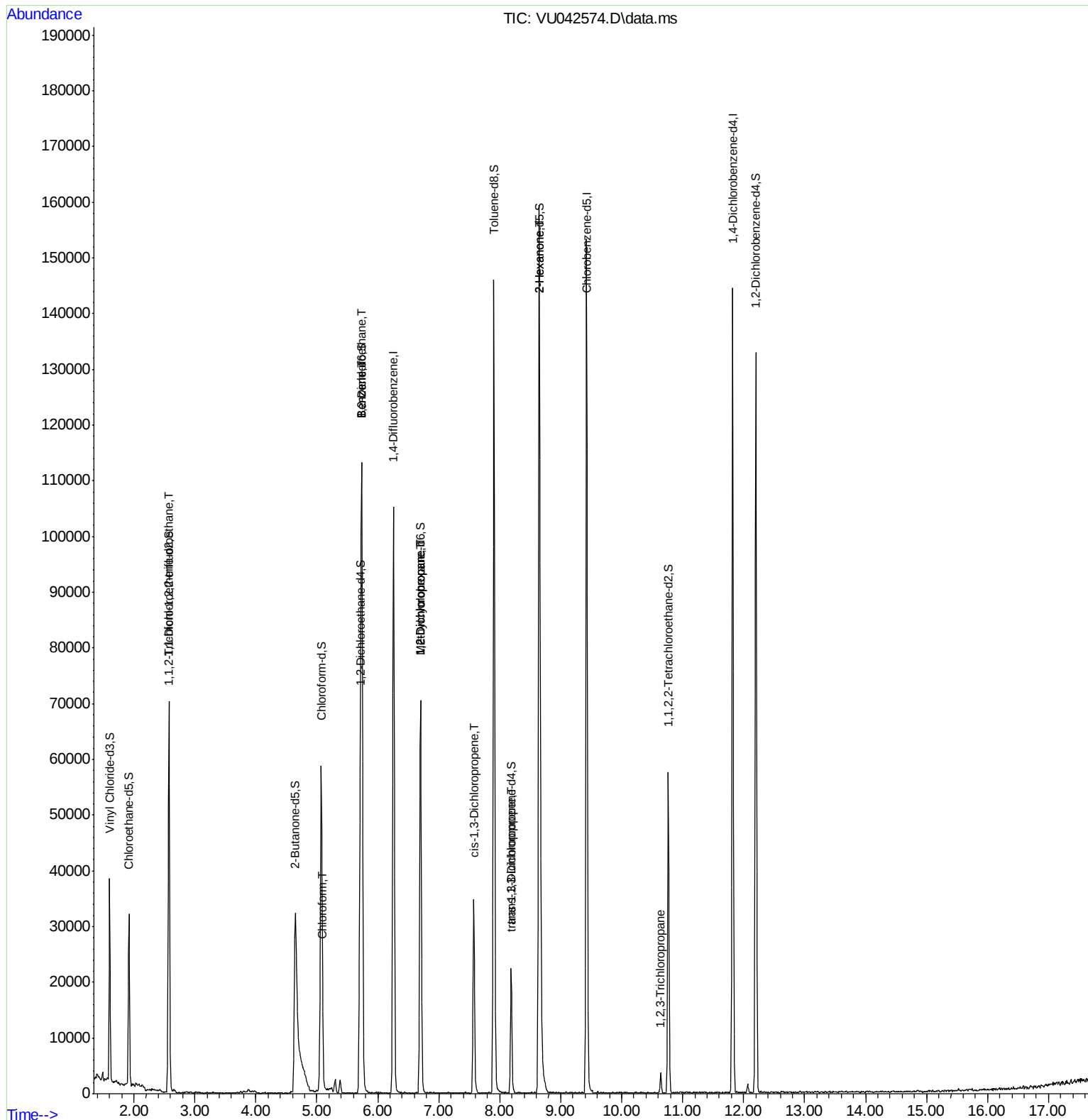
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	81305	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	79394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	36392	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	25035	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.919	69	20670	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.575	63	43480	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.649	46	88764	49.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.76%
24) Chloroform-d	5.073	84	51103	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.713	65	34571	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.735	84	94097	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.700	67	30867	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.906	98	90576	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloroprop...	8.189	79	11828	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.648	63	61674	43.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.82%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27025	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	33947	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	325	0.05	ug/L #	18
25) Chloroform	5.096	83	681	0.06	ug/L	95
27) 1,2-Dichloroethane	5.732	62	611	0.07	ug/L #	75
33) Benzene	5.735	78	933	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	7117	0.68	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3983	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	968	0.10	ug/L #	61
44) trans-1,3-Dichloropropene	8.192	75	546	0.06	ug/L #	81
48) 2-Hexanone	8.645	43	9732	2.26	ug/L #	71
59) 1,2,3-Trichloropropane	10.639	75	832	0.17	ug/L #	42

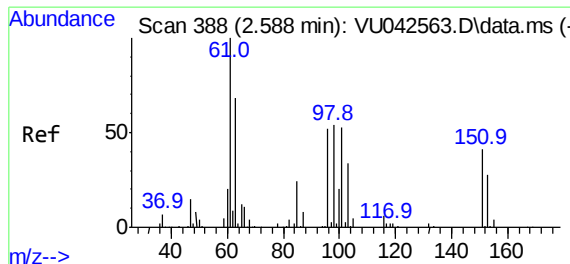
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

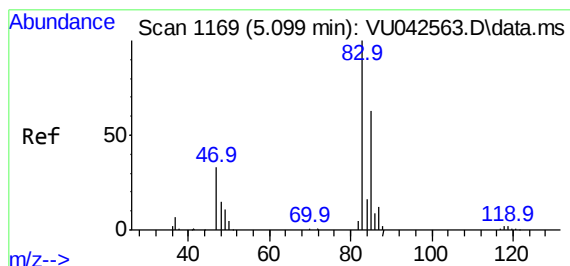
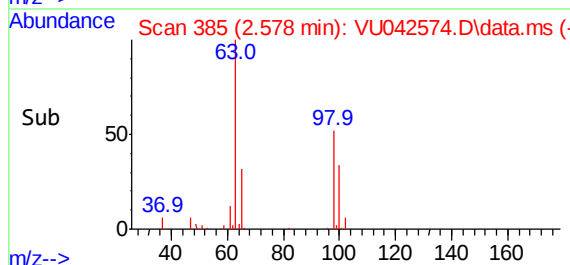
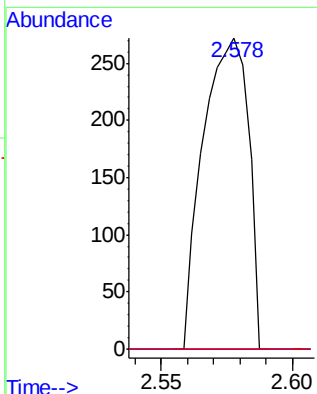
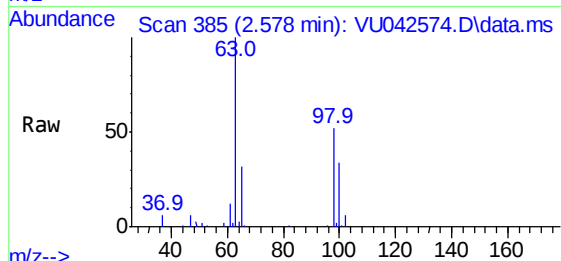




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042574.D
Acq: 11 Mar 2021 19:30

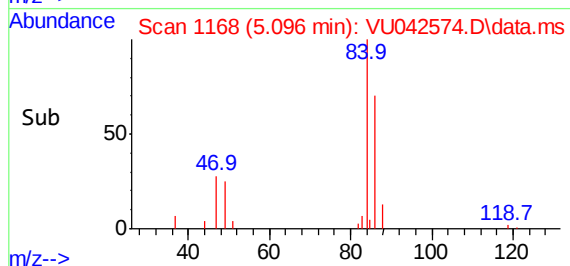
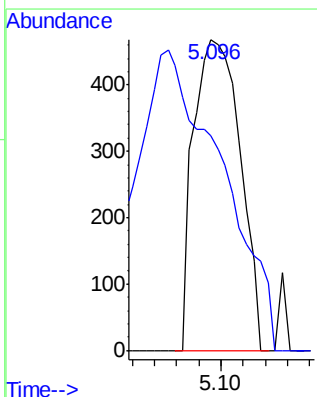
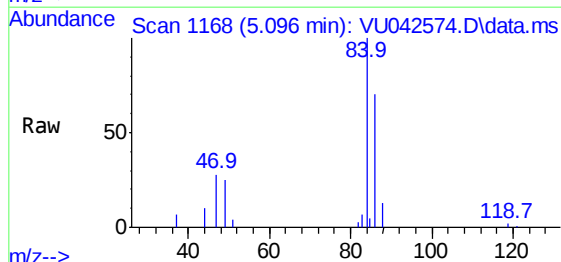
Instrument :
MSVOA_U
ClientSampleId :
C0B52

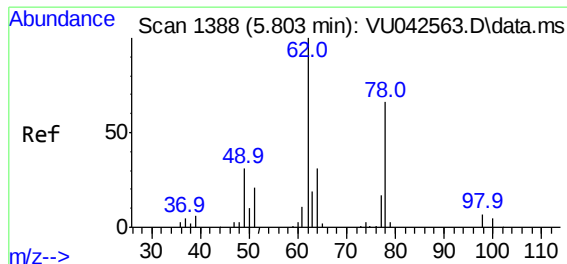
Tgt Ion:101 Resp: 325
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#25
Chloroform
Concen: 0.06 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042574.D
Acq: 11 Mar 2021 19:30

Tgt Ion: 83 Resp: 681
Ion Ratio Lower Upper
83 100
85 69.0 45.7 84.9

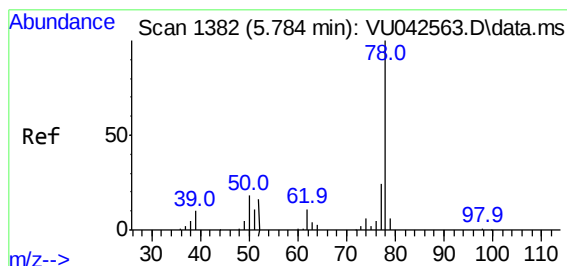
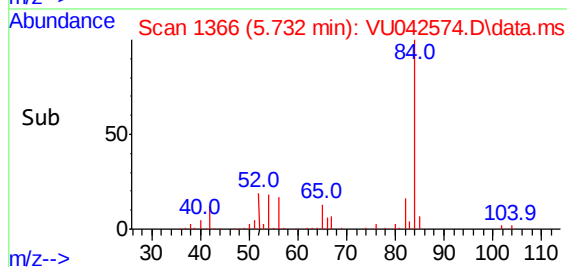
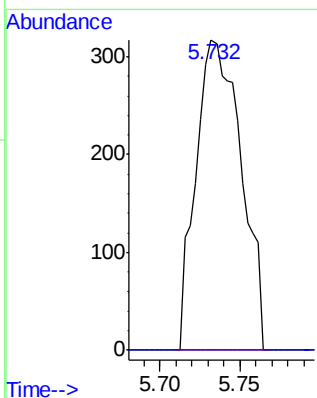
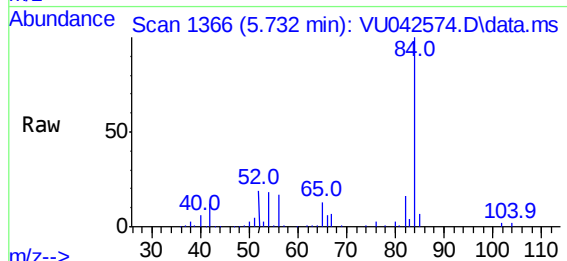




#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042574.D
Acq: 11 Mar 2021 19:30

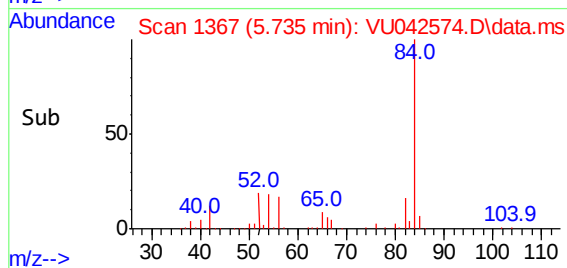
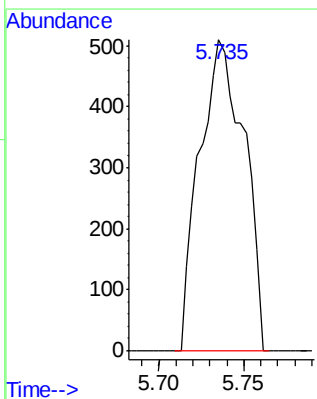
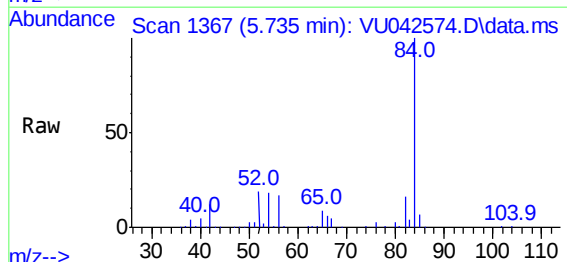
Instrument :
MSVOA_U
ClientSampled :
C0B52

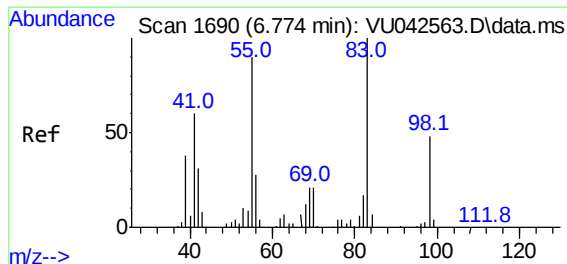
Tgt Ion: 62 Resp: 611
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042574.D
Acq: 11 Mar 2021 19:30

Tgt Ion: 78 Resp: 933

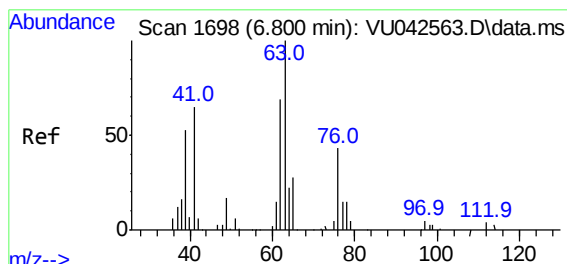
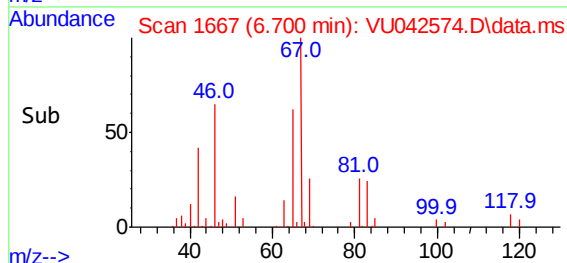
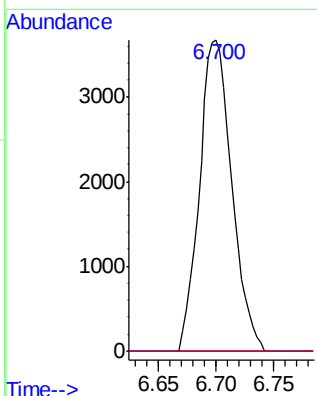
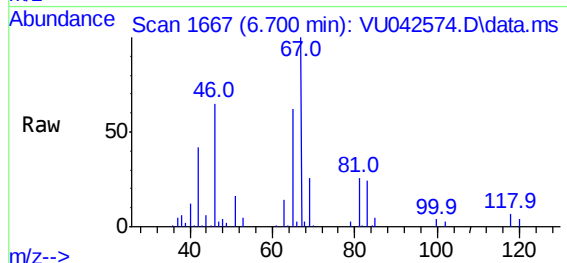




#35
Methylcyclohexane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042574.D
Acq: 11 Mar 2021 19:30

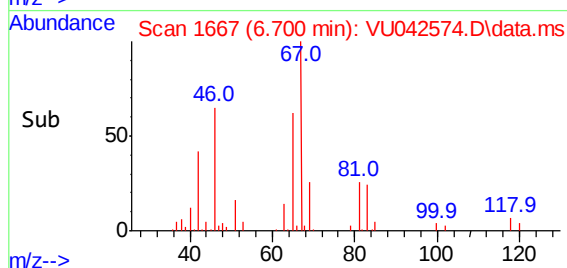
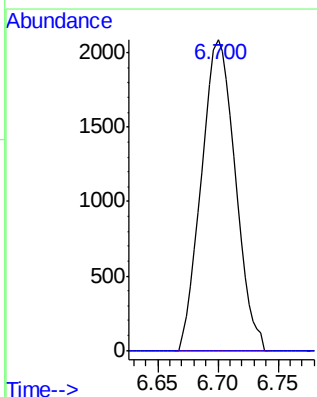
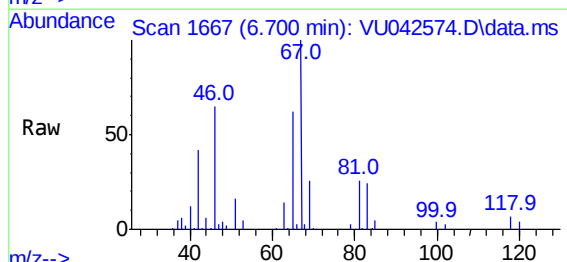
Instrument :
MSVOA_U
ClientSampleId :
C0B52

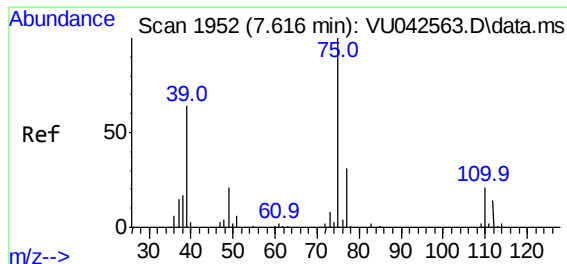
Tgt Ion: 83 Resp: 7117
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042574.D
Acq: 11 Mar 2021 19:30

Tgt Ion: 63 Resp: 3983
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

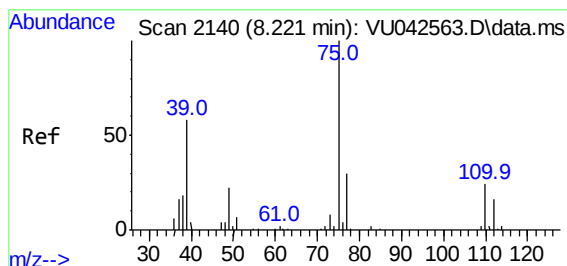
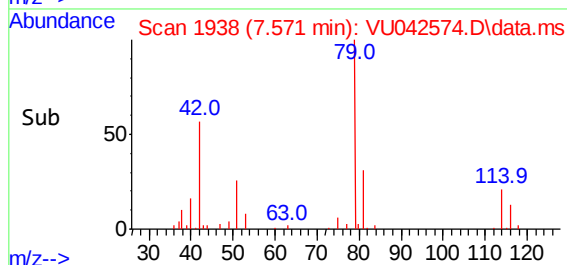
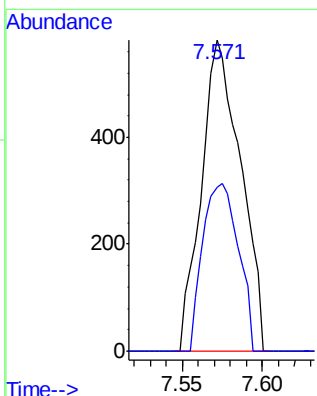
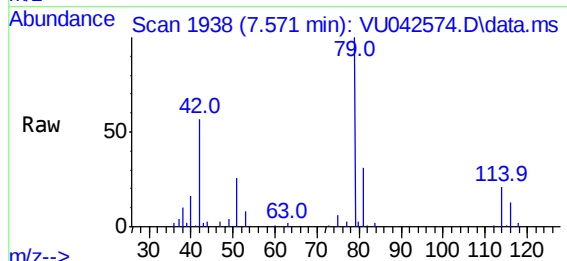




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042574.D
Acq: 11 Mar 2021 19:30

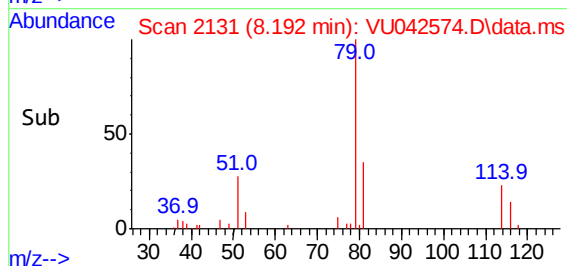
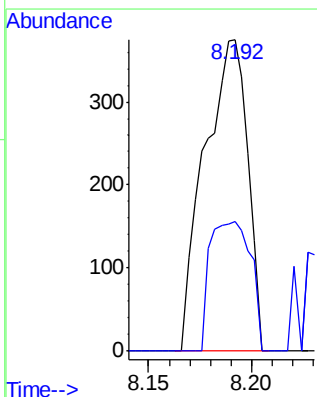
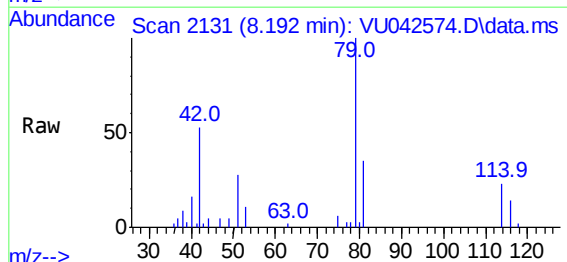
Instrument :
MSVOA_U
ClientSampleId :
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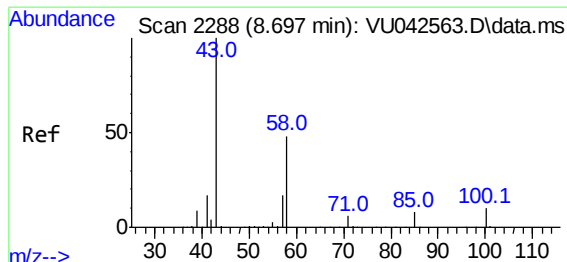
Tgt Ion: 75 Resp: 968
Ion Ratio Lower Upper
75 100
77 52.7 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042574.D
Acq: 11 Mar 2021 19:30

Tgt Ion: 75 Resp: 546
Ion Ratio Lower Upper
75 100
77 41.6 21.8 40.4#



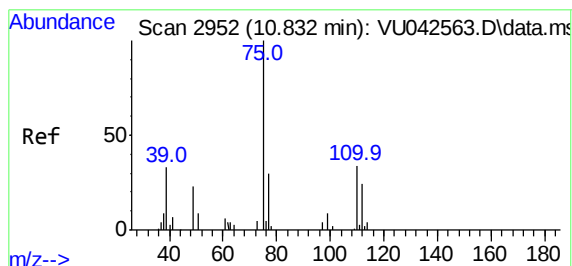
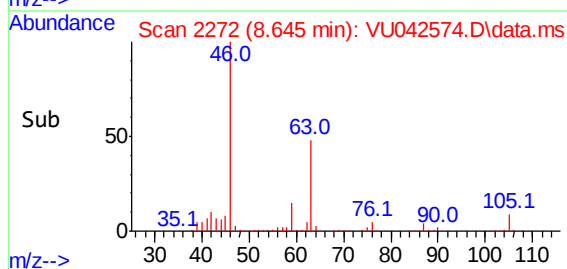
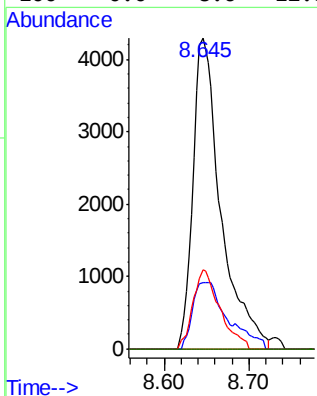
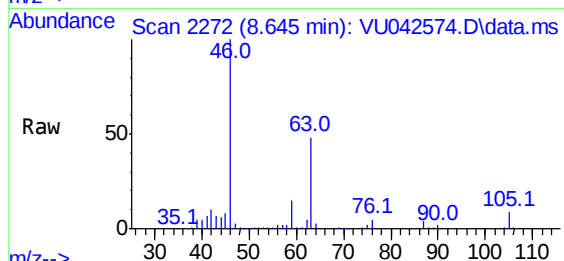


#48
2-Hexanone
Concen: 2.26 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042574.D
Acq: 11 Mar 2021 19:30

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 9732

Ion	Ratio	Lower	Upper
43	100		
58	27.0	40.6	61.0#
57	24.5	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.17 ug/L
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042574.D
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Tgt Ion: 75 Resp: 832

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#

