

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042881.D
 Acq On : 01 Apr 2021 17:37
 Operator : SY/MD
 Sample : M1847-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR20

Quant Time: Apr 02 05:18:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

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

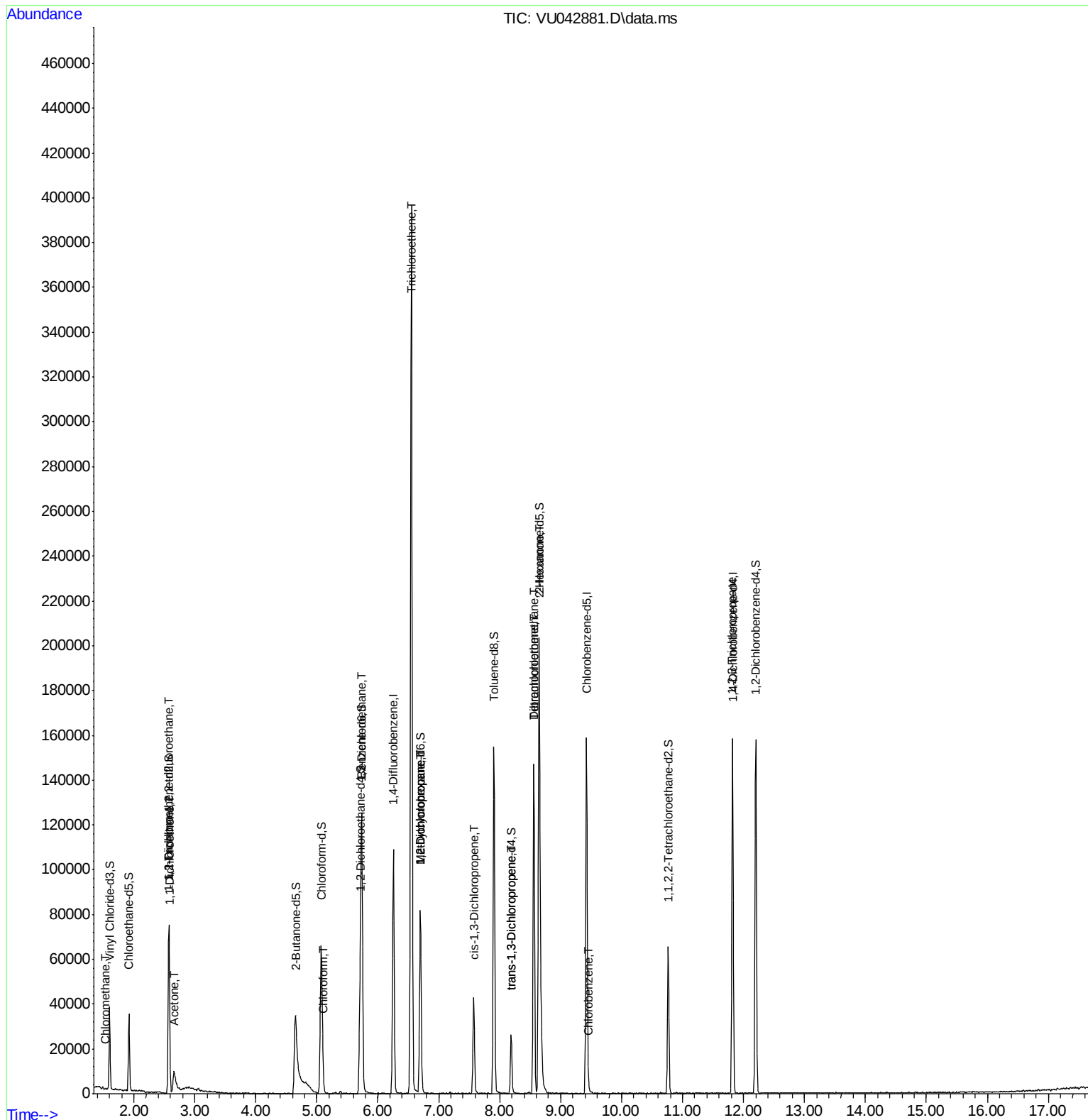
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	83367	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	80863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	39980	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25437	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.919	69	22688	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.575	63	45631	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.652	46	88167	42.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.00%
24) Chloroform-d	5.073	84	57322	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.713	65	37597	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.739	84	104306	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.700	67	35186	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.906	98	95355	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloroprop...	8.189	79	14068	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.645	63	82323	52.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.66%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30305	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	40263	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	314	0.05	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	642	0.11	ug/L #	30
12) 1,1-Dichloroethene	2.581	96	1689	0.31	ug/L #	1
13) Acetone	2.658	43	21018	16.72	ug/L	96
25) Chloroform	5.102	83	5110	0.42	ug/L	96
27) 1,2-Dichloroethane	5.729	62	679	0.08	ug/L #	75
34) Trichloroethene	6.549	95	127775	20.25	ug/L	97
35) Methylcyclohexane	6.700	83	8049	0.85	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4246	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1187	0.13	ug/L #	61
44) trans-1,3-Dichloropropene	8.189	75	876	0.10	ug/L #	80
47) Tetrachloroethene	8.562	164	30914	5.99	ug/L	98
48) 2-Hexanone	8.648	43	13130	3.19	ug/L #	67
49) Dibromochloromethane	8.558	129	28286	4.83	ug/L #	12
51) Chlorobenzene	9.459	112	1153	0.07	ug/L	88
59) 1,2,3-Trichloropropane	11.819	75	5303	1.16	ug/L #	88

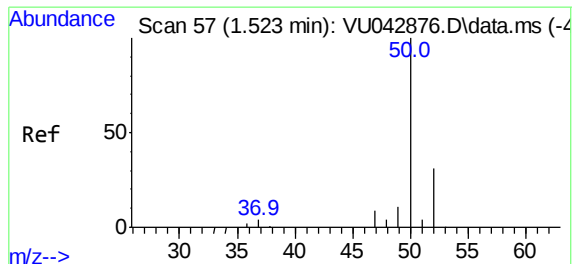
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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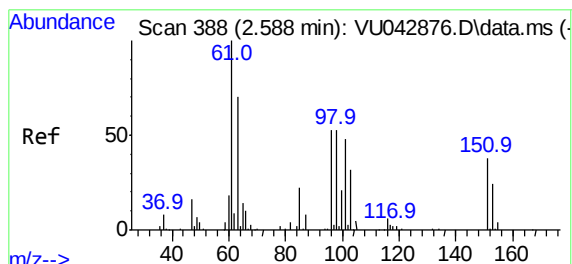
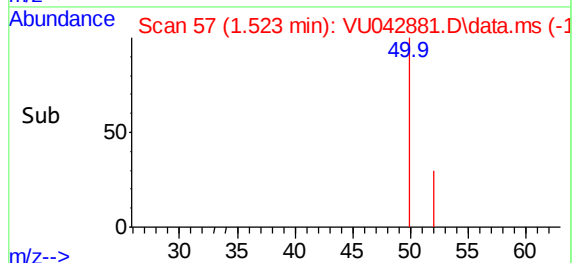
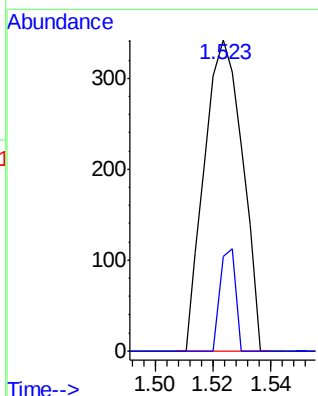
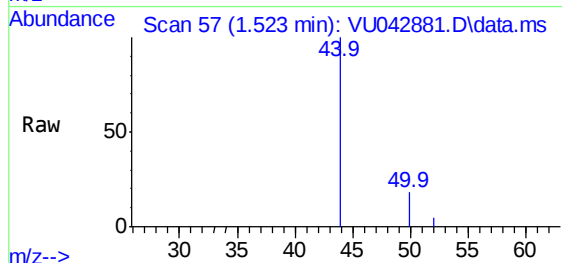




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

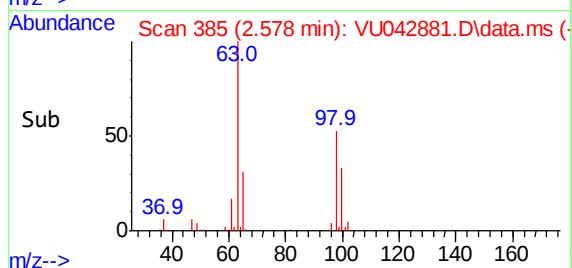
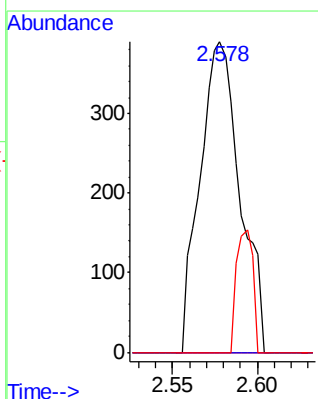
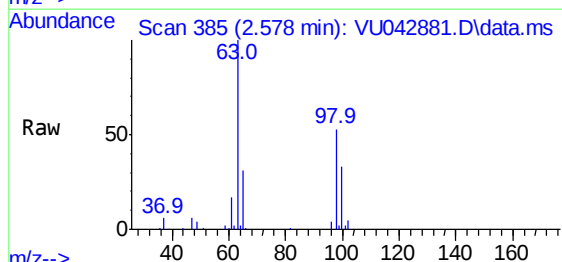
Instrument :
MSVOA_U
ClientSampleId :
YAR20

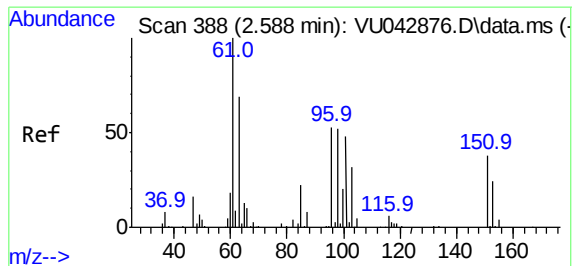
Tgt Ion: 50 Resp: 314
Ion Ratio Lower Upper
50 100
52 30.4 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.11 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Tgt Ion:101 Resp: 642
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 16.0 62.7 94.1#

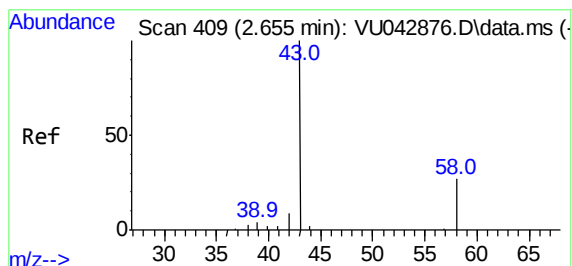
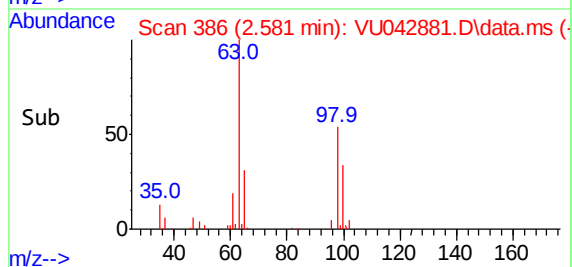
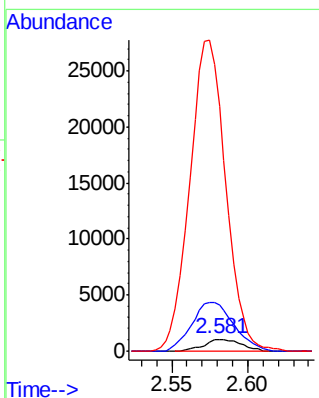
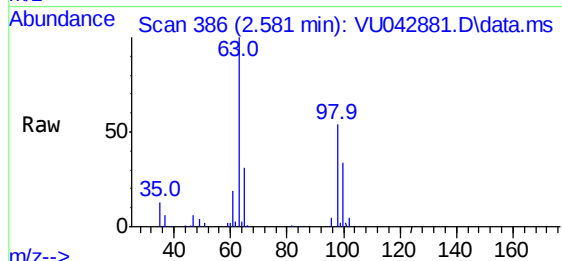




#12
1,1-Dichloroethene
Concen: 0.31 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

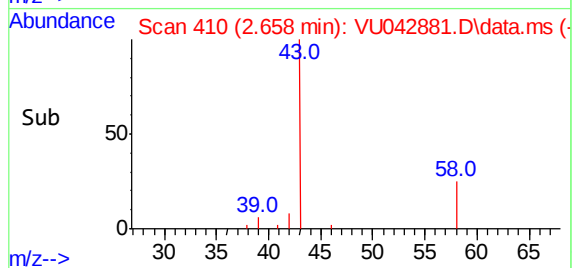
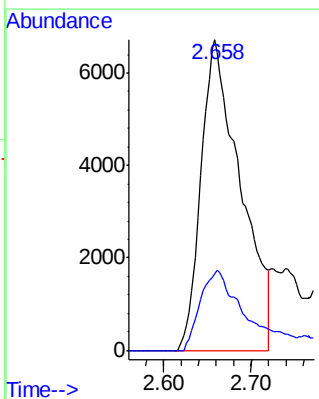
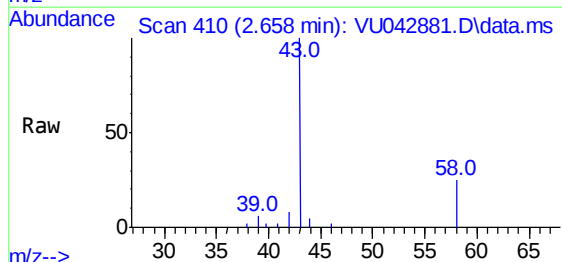
Instrument :
MSVOA_U
ClientSampleId :
YAR20

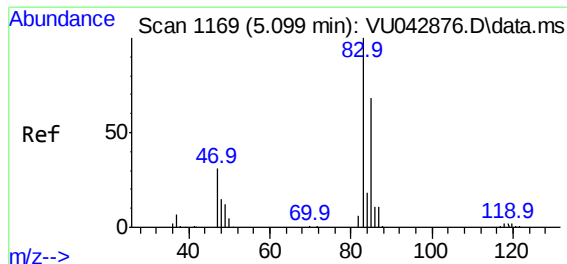
Tgt Ion: 96 Resp: 1689
Ion Ratio Lower Upper
96 100
61 400.9 126.2 234.4#
63 2124.0 77.8 144.4#



#13
Acetone
Concen: 16.72 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Tgt Ion: 43 Resp: 21018
Ion Ratio Lower Upper
43 100
58 29.8 0.0 55.8

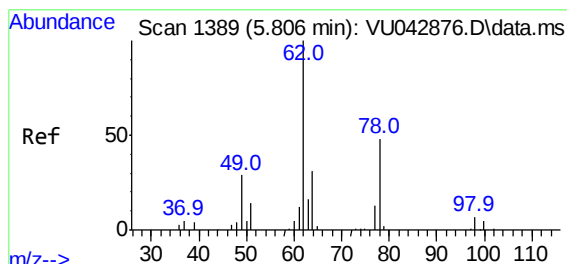
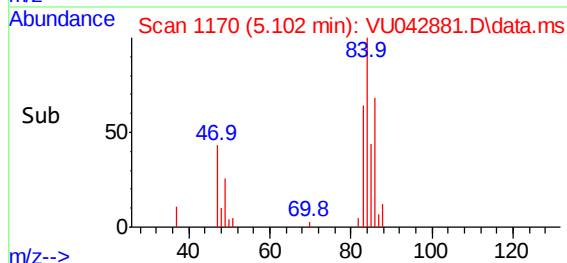
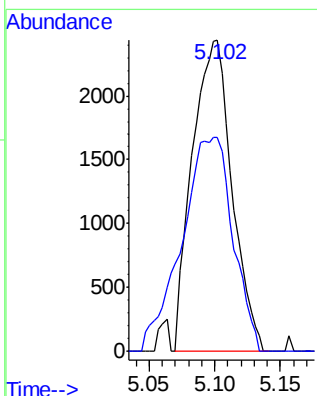
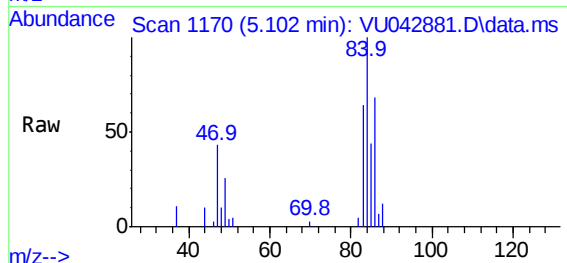




#25
Chloroform
Concen: 0.42 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

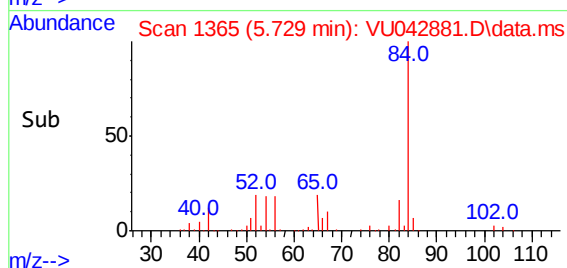
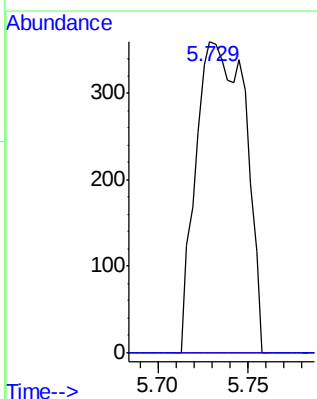
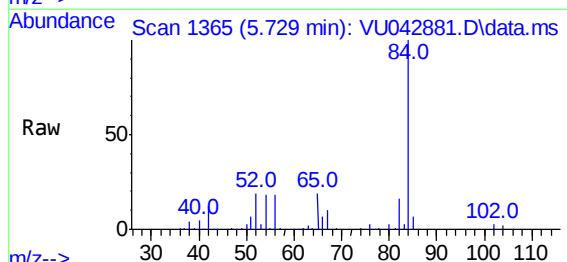
Instrument :
MSVOA_U
ClientSampled :
YAR20

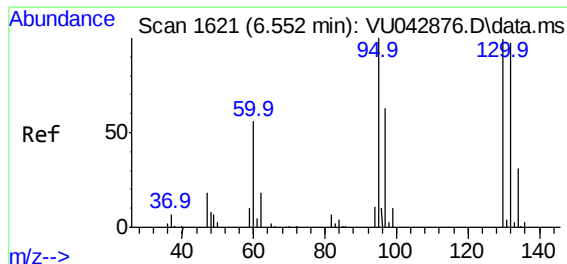
Tgt Ion: 83 Resp: 5110
Ion Ratio Lower Upper
83 100
85 68.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.077 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Tgt Ion: 62 Resp: 679
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



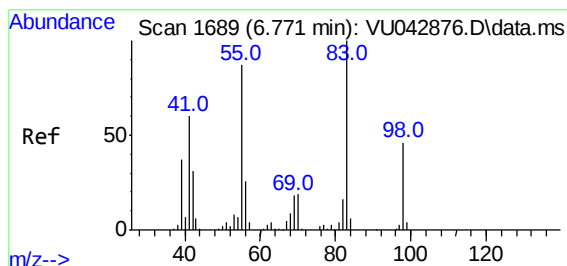
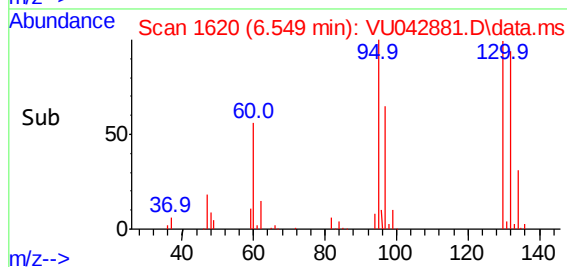
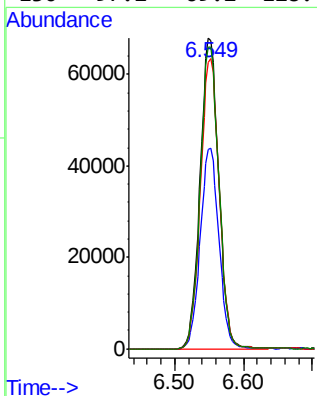
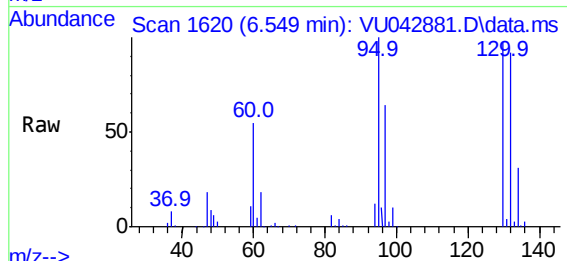


#34
Trichloroethene
Concen: 20.25 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Instrument :
MSVOA_U
ClientSampleId :
YAR20

Tgt Ion: 95 Resp: 127775

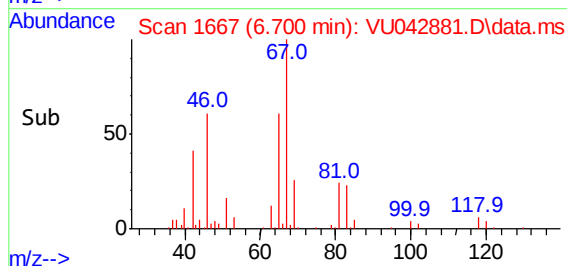
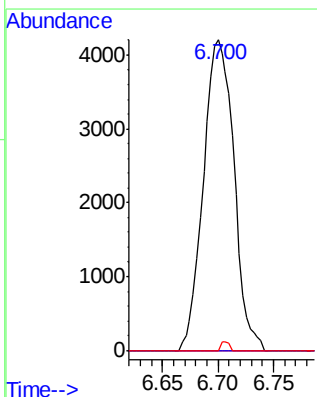
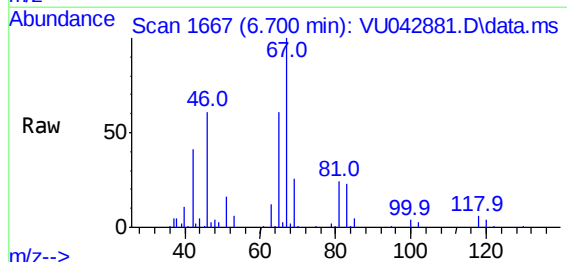
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.4	82.4
132	92.3	68.0	126.4
130	97.2	69.2	128.4

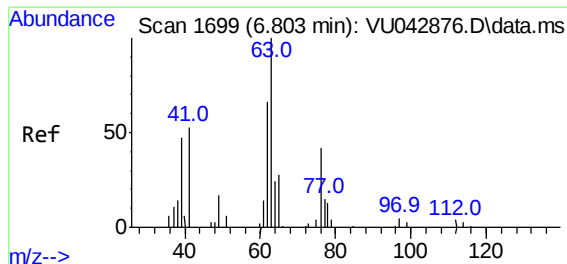


#35
Methylcyclohexane
Concen: 0.85 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Tgt Ion: 83 Resp: 8049

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#

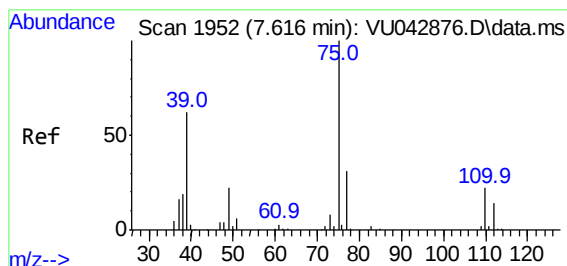
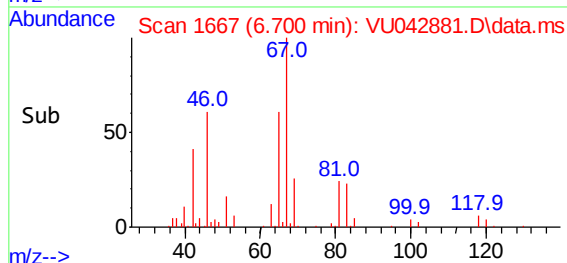
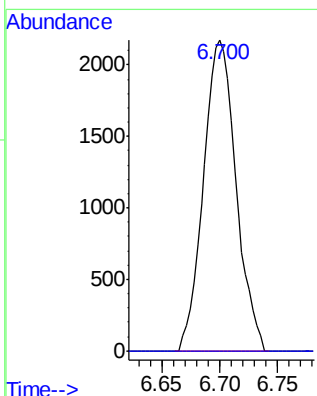
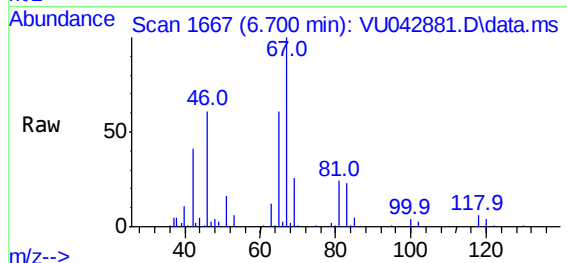




#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

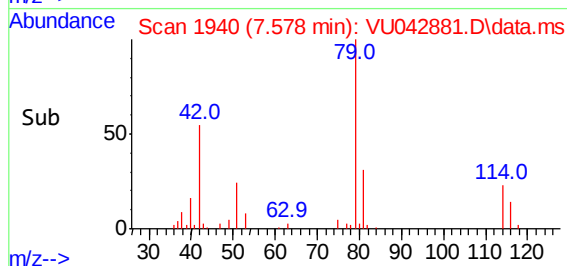
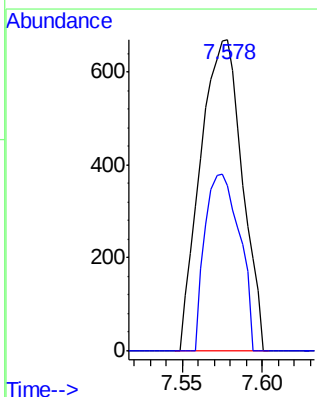
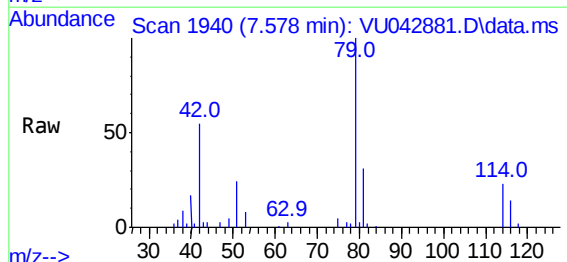
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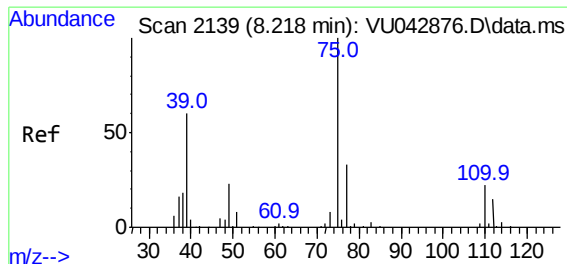
Tgt Ion: 63 Resp: 4246
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Tgt Ion: 75 Resp: 1187
Ion Ratio Lower Upper
75 100
77 52.9 22.0 40.8#



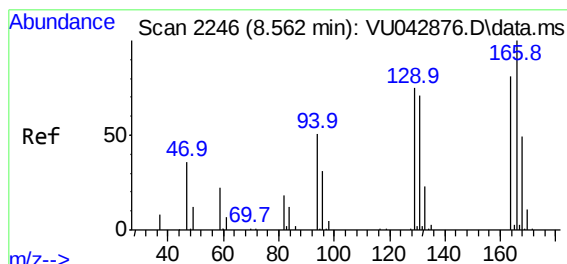
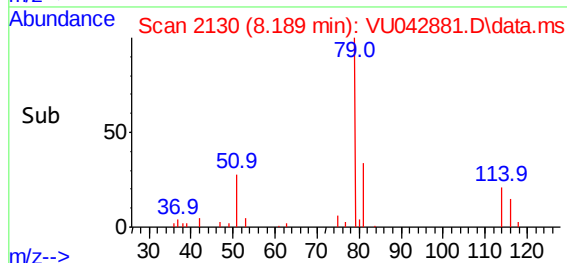
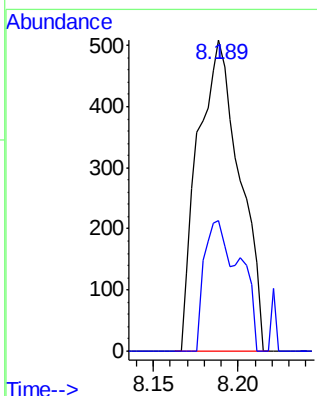
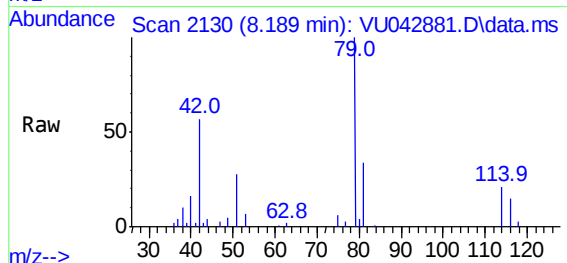


#44

trans-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Instrument :
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ClientSampleId :
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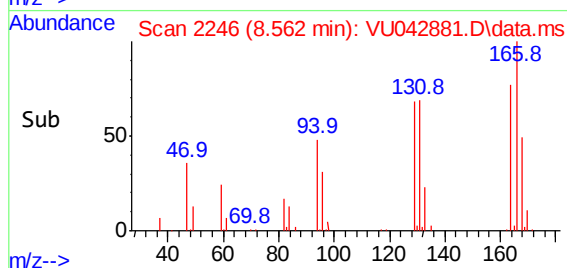
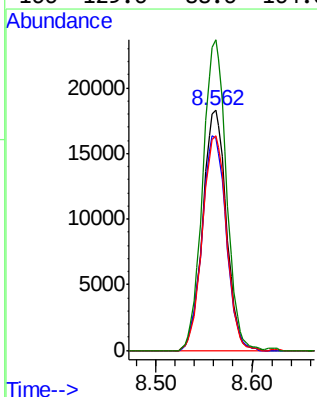
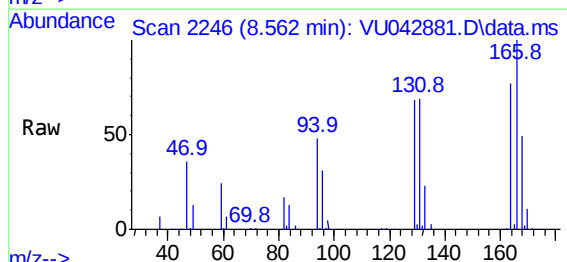
Tgt Ion: 75 Resp: 876
Ion Ratio Lower Upper
75 100
77 42.0 21.8 40.4#

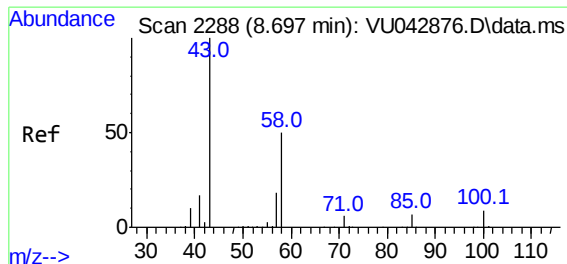


#47

Tetrachloroethene
Concen: 5.99 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Tgt Ion:164 Resp: 30914
Ion Ratio Lower Upper
164 100
129 88.6 64.3 119.5
131 89.6 62.2 115.6
166 129.6 88.6 164.6

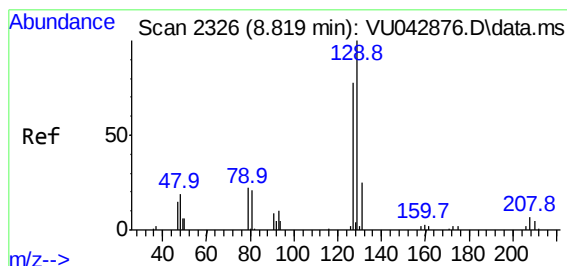
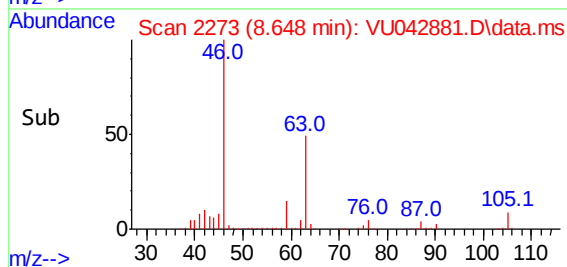
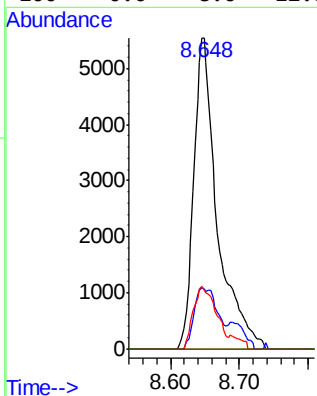
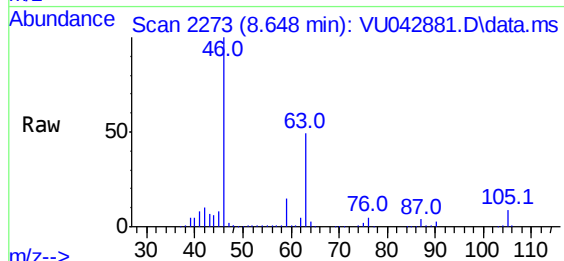




#48
2-Hexanone
Concen: 3.19 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

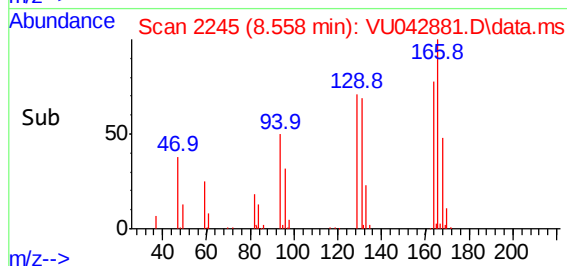
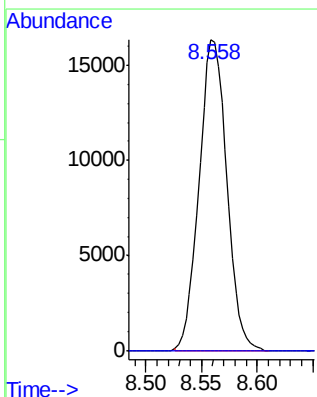
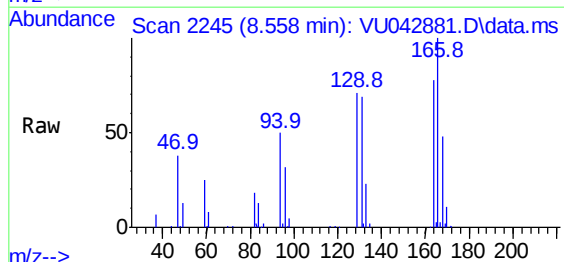
Instrument :
MSVOA_U
ClientSampleId :
YAR20

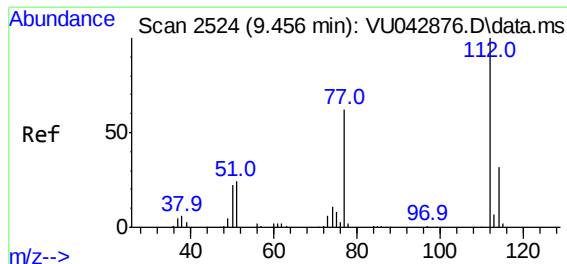
Tgt Ion:	43	Resp:	13130
Ion	Ratio	Lower	Upper
43	100		
58	19.7	40.6	61.0#
57	19.5	14.9	22.3
100	0.0	8.6	12.8#



#49
Dibromochloromethane
Concen: 4.83 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Tgt Ion:	129	Resp:	28286
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#

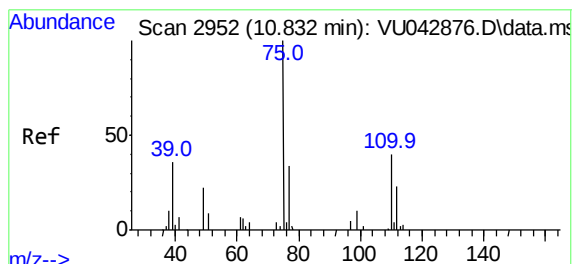
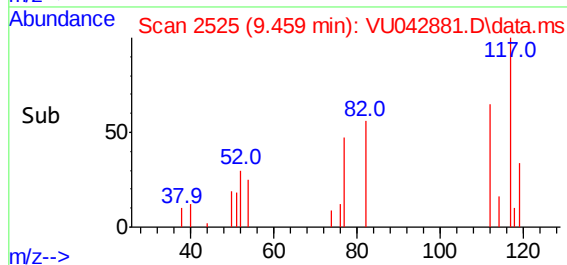
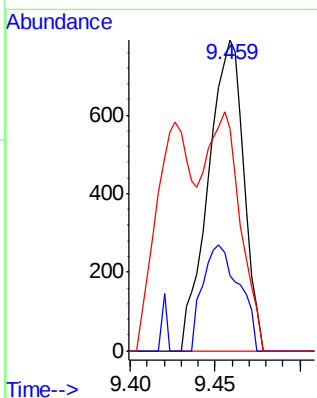
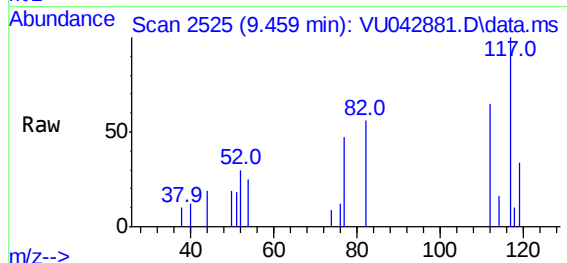




#51
Chlorobenzene
Concen: 0.07 ug/L
RT: 9.459 min Scan# 2525
Delta R.T. 0.003 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Instrument :
MSVOA_U
ClientSampled :
YAR20

Tgt Ion:112 Resp: 1153
Ion Ratio Lower Upper
112 100
114 24.1 22.0 41.0
77 71.4 49.8 74.6



#59
1,2,3-Trichloropropane
Concen: 1.16 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042881.D
Acq: 01 Apr 2021 17:37

Tgt Ion: 75 Resp: 5303
Ion Ratio Lower Upper
75 100
77 39.3 26.0 39.0#

