

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042826.D
 Acq On : 29 Mar 2021 19:15
 Operator : SY/MD
 Sample : M1846-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR18

Quant Time: Mar 30 01:18:58 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	74034	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	75948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	34661	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	20304	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.919	69	18320	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.575	63	37230	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.649	46	70824	43.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.42%
24) Chloroform-d	5.073	84	48312	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.713	65	29738	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.735	84	85706	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.700	67	28878	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.906	98	77055	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloroprop...	8.189	79	11444	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.645	63	65161	48.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24677	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	31879	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

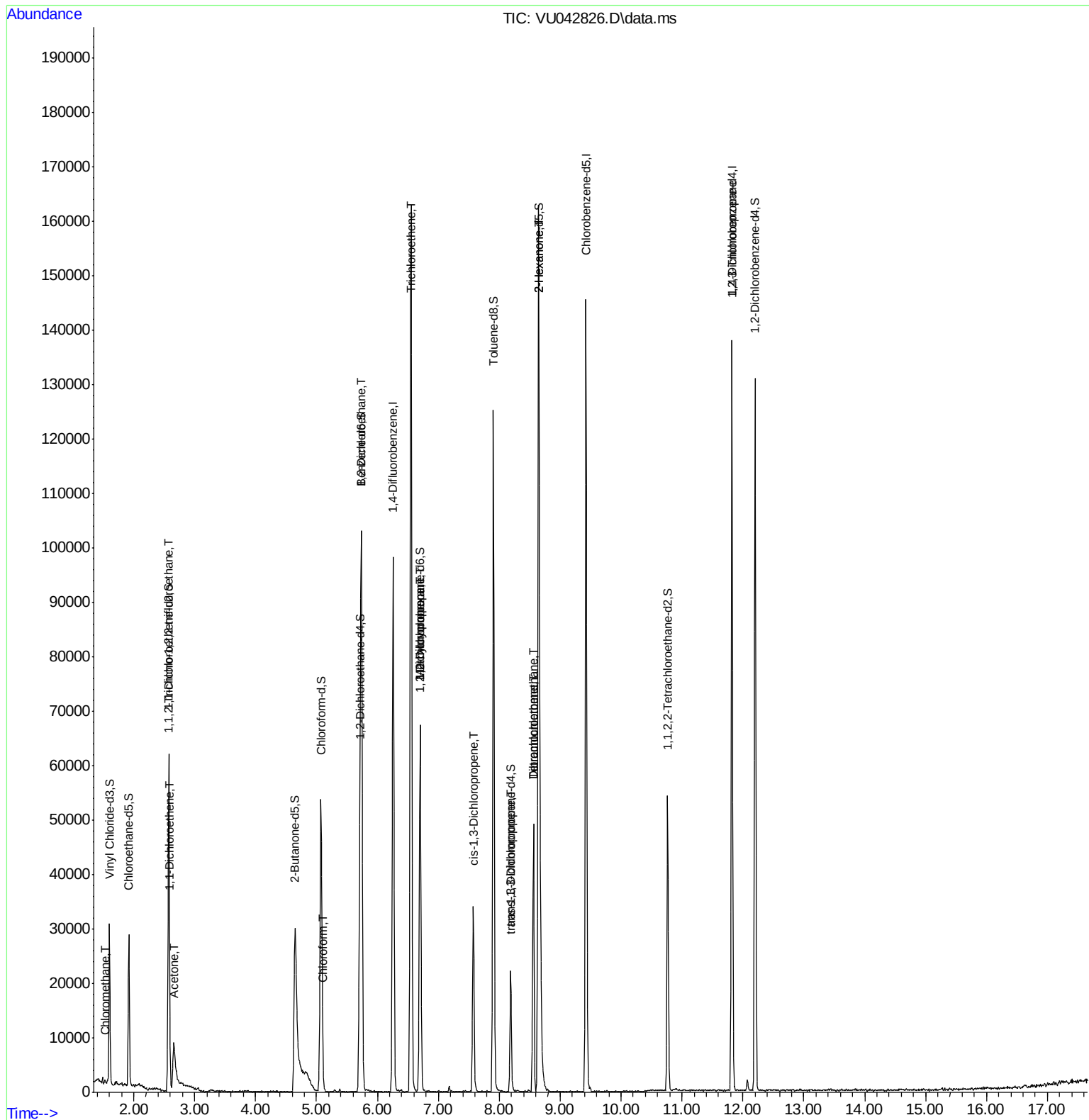
Target Compounds						Qvalue
3) Chloromethane	1.523	50	348	0.05	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	305	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.588	96	927	0.18	ug/L #	1
13) Acetone	2.658	43	21229	17.00	ug/L	96
25) Chloroform	5.102	83	1231	0.11	ug/L	98
27) 1,2-Dichloroethane	5.735	62	542	0.07	ug/L #	75
34) Trichloroethene	6.549	95	52434	7.96	ug/L	97
35) Methylcyclohexane	6.700	83	6425	0.64	ug/L #	15
37) 1,2-Dichloropropane	6.703	63	3423	0.53	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1009	0.11	ug/L #	78
44) trans-1,3-Dichloropropene	8.192	75	521	0.06	ug/L #	78
47) Tetrachloroethene	8.562	164	10397	1.94	ug/L	97
48) 2-Hexanone	8.648	43	10546	2.56	ug/L #	66
49) Dibromochloromethane	8.562	129	9184	1.55	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4415	0.92	ug/L #	83

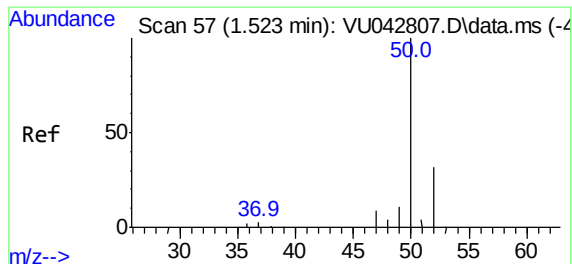
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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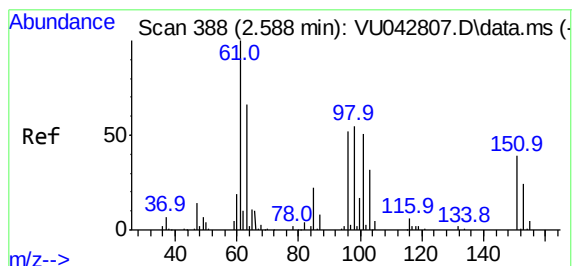
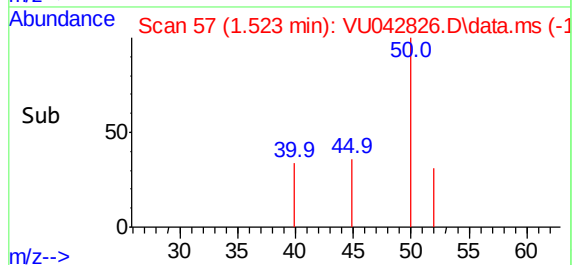
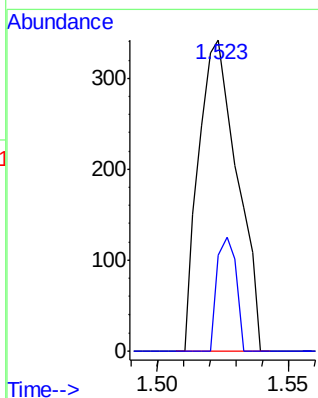
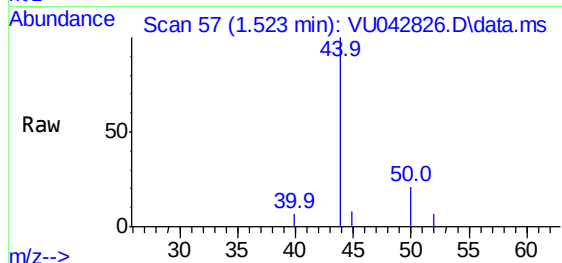




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

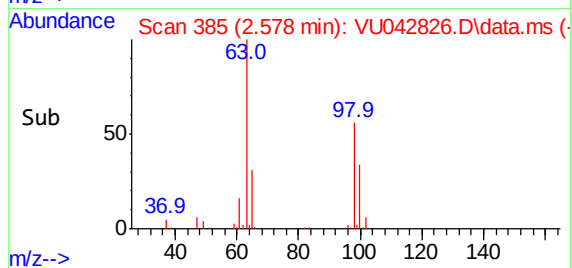
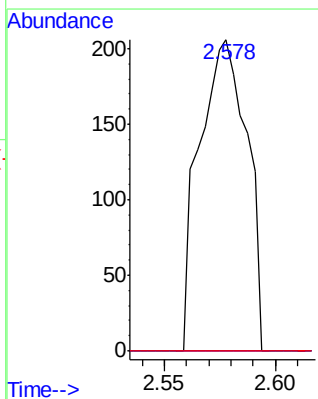
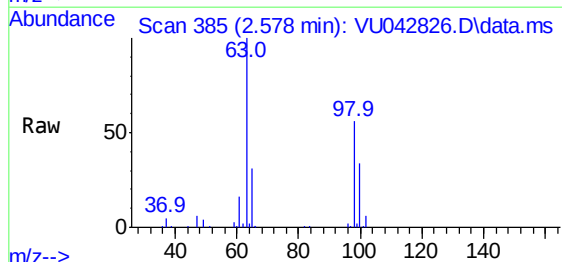
Instrument :
MSVOA_U
ClientSampled :
YAR18

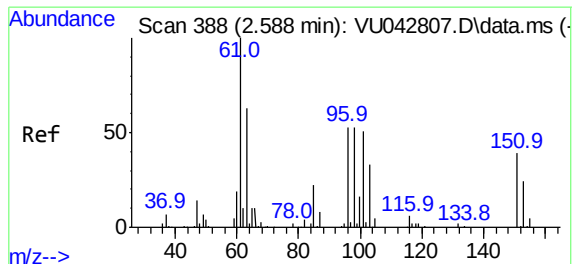
Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 31.0 23.0 42.8



#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: VU042826.D
Acq: 29 Mar 2021 19:15

Tgt Ion:101 Resp: 305
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

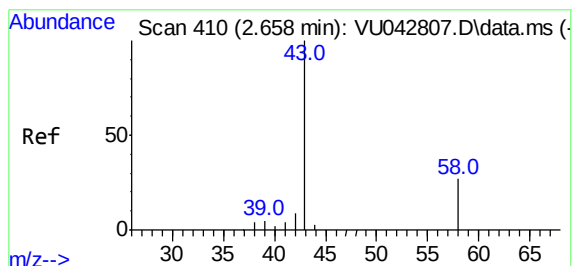
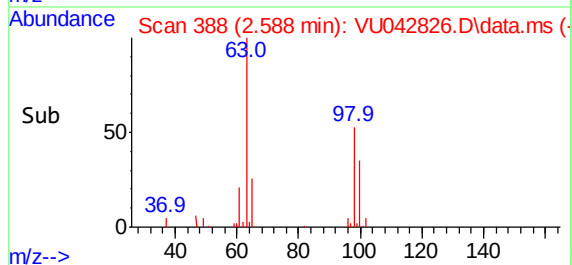
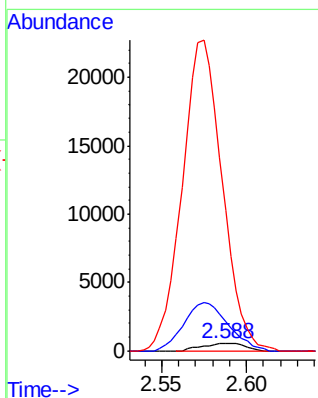
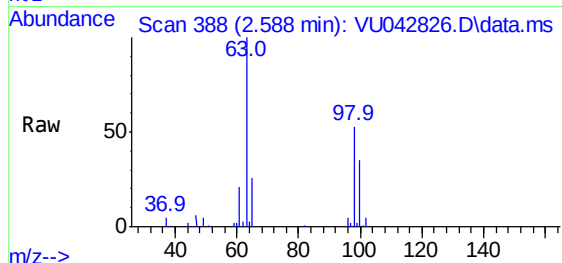




#12
1,1-Dichloroethene
Concen: 0.18 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

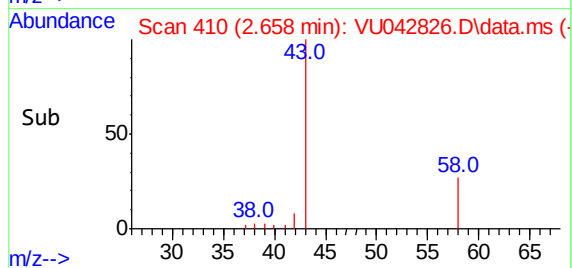
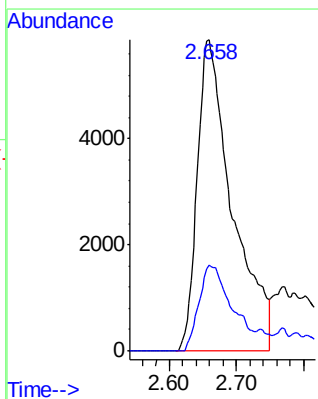
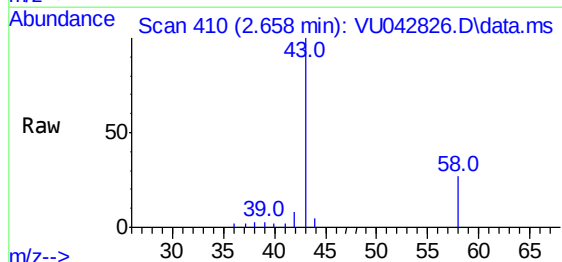
Instrument :
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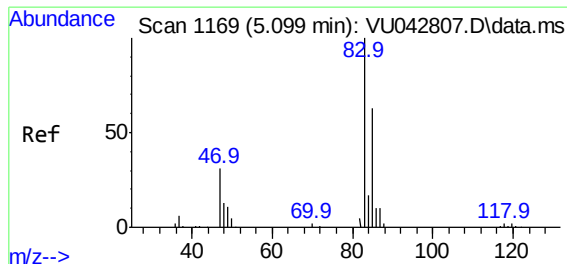
Tgt Ion: 96 Resp: 927
Ion Ratio Lower Upper
96 100
61 422.1 126.2 234.4#
63 2022.1 77.8 144.4#



#13
Acetone
Concen: 17.00 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

Tgt Ion: 43 Resp: 21229
Ion Ratio Lower Upper
43 100
58 25.8 0.0 55.8

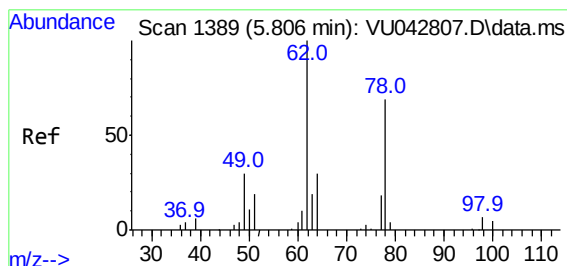
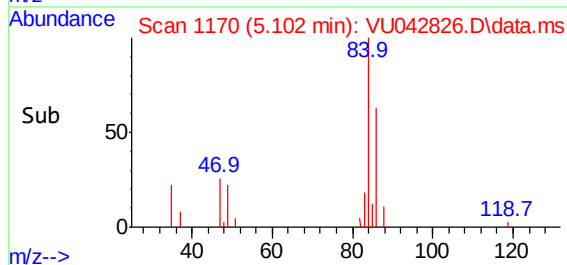
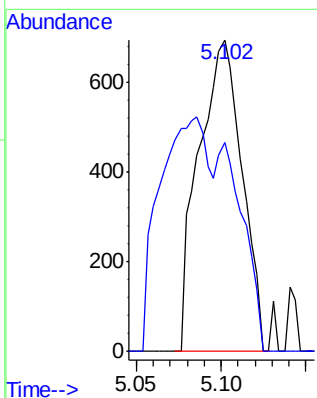
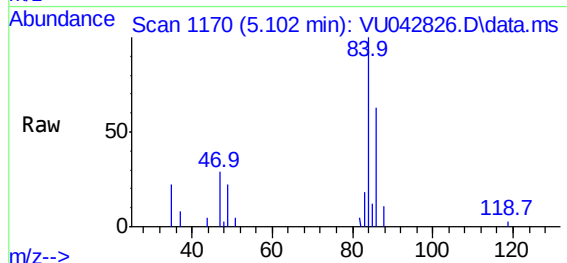




#25
Chloroform
Concen: 0.11 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

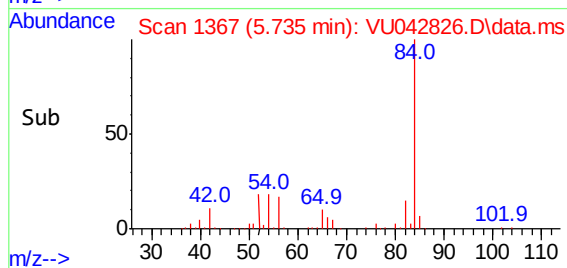
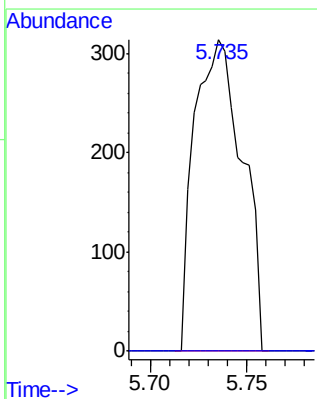
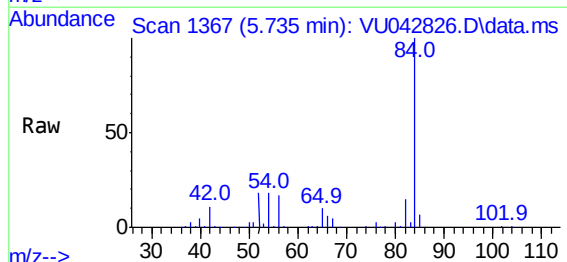
Instrument :
MSVOA_U
ClientSampled :
YAR18

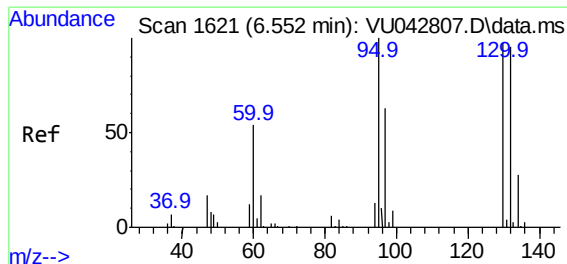
Tgt Ion: 83 Resp: 1231
Ion Ratio Lower Upper
83 100
85 67.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

Tgt Ion: 62 Resp: 542
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



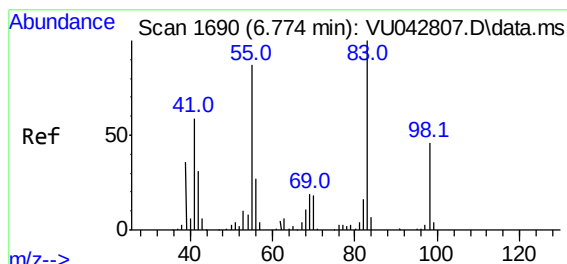
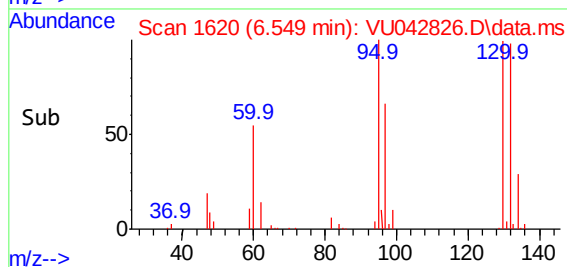
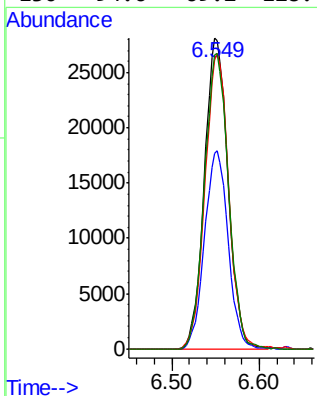
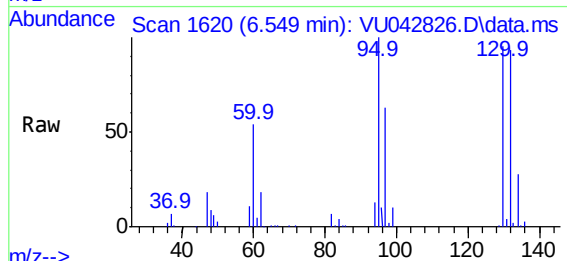


#34
Trichloroethene
Concen: 7.96 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 52434

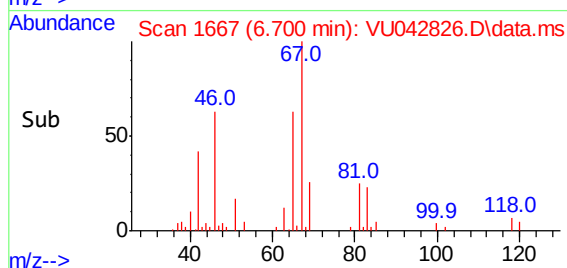
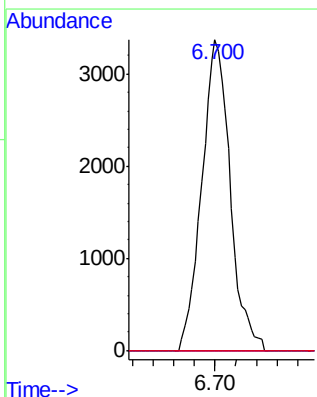
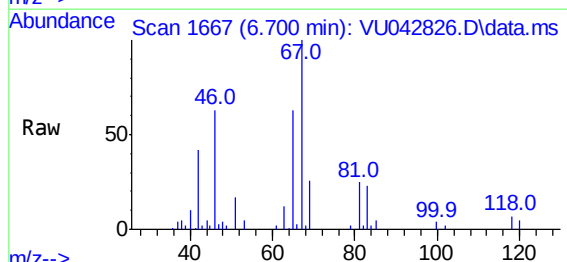
Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.4	82.4
132	93.0	68.0	126.4
130	94.6	69.2	128.4

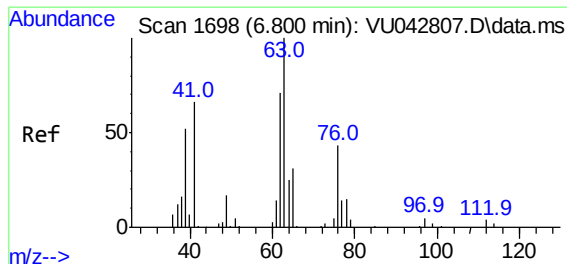


#35
Methylcyclohexane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

Tgt Ion: 83 Resp: 6425

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	1.8	39.7	59.5#

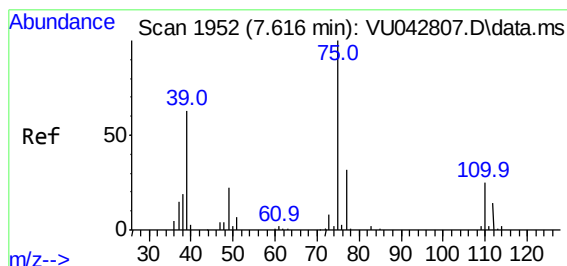
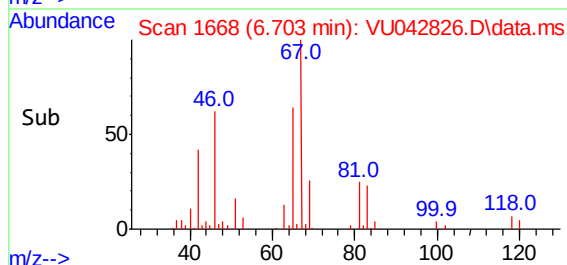
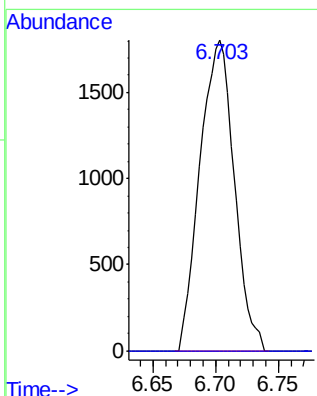
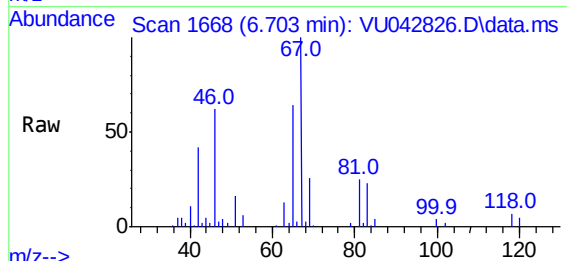




#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

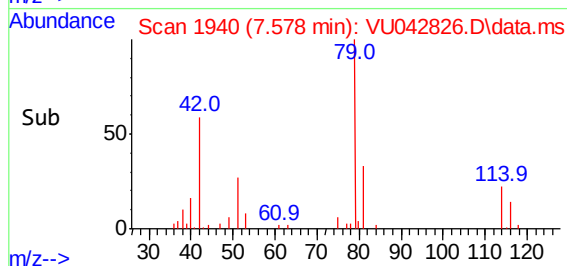
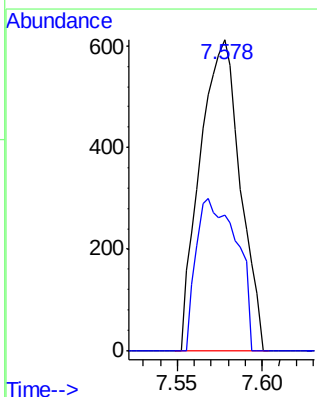
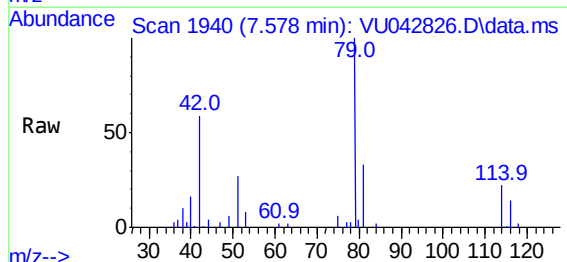
Instrument :
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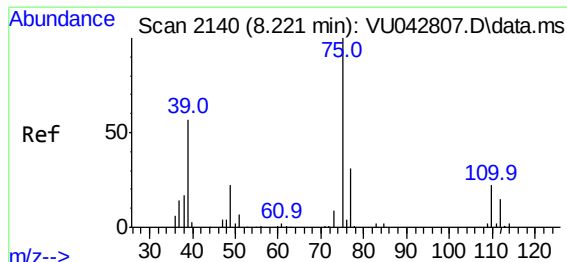
Tgt Ion: 63 Resp: 3423
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

Tgt Ion: 75 Resp: 1009
Ion Ratio Lower Upper
75 100
77 43.6 22.0 40.8#



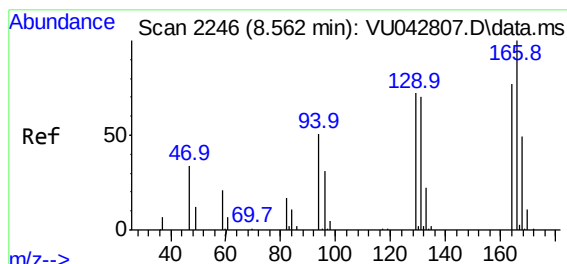
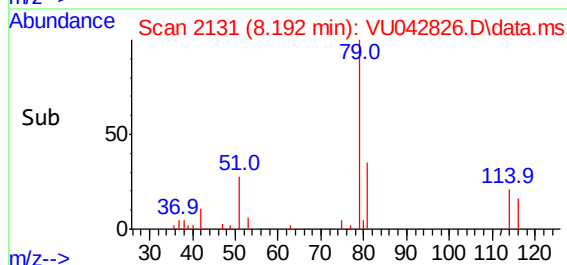
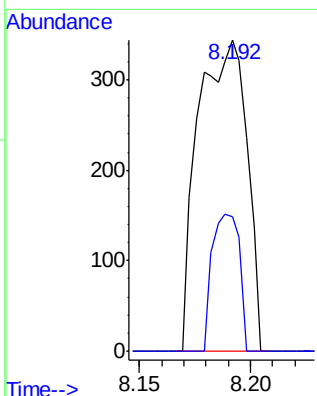
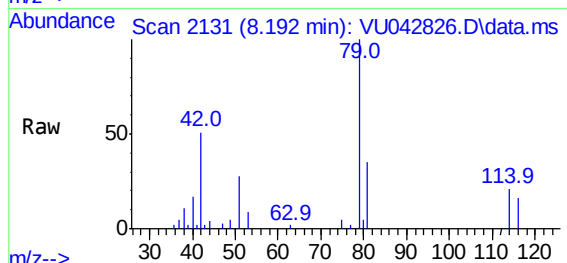


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

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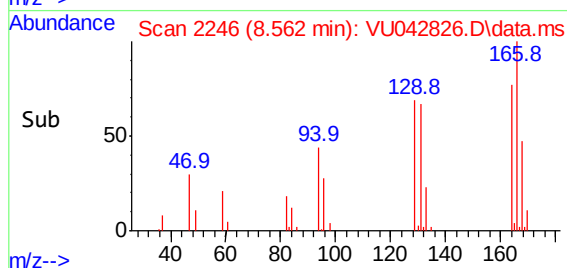
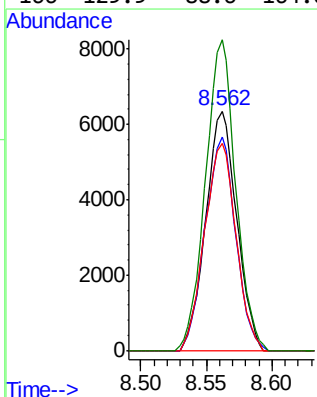
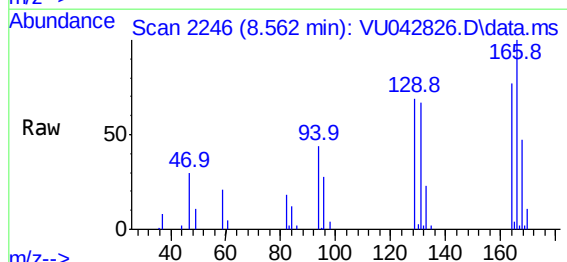
Tgt Ion: 75 Resp: 521
Ion Ratio Lower Upper
75 100
77 43.3 21.8 40.4#

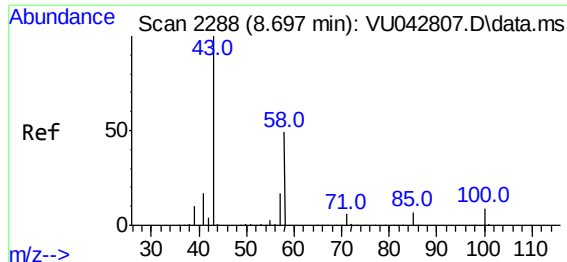


#47

Tetrachloroethene
Concen: 1.94 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

Tgt Ion: 164 Resp: 10397
Ion Ratio Lower Upper
164 100
129 89.0 64.3 119.5
131 86.7 62.2 115.6
166 129.9 88.6 164.6

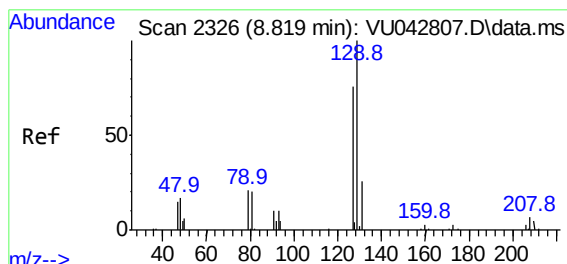
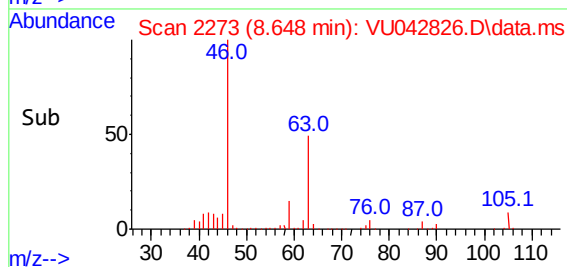
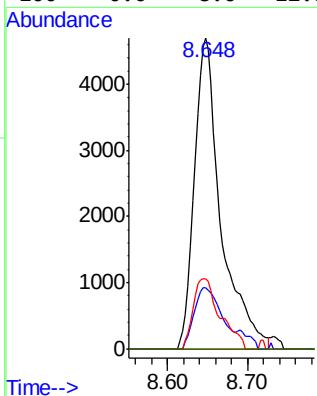
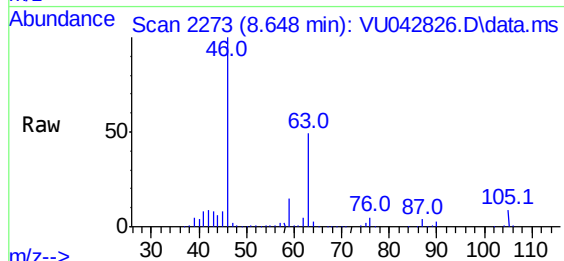




#48
2-Hexanone
Concen: 2.56 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

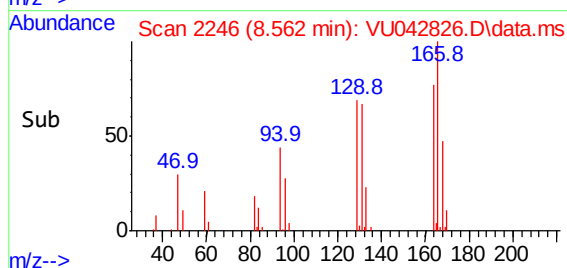
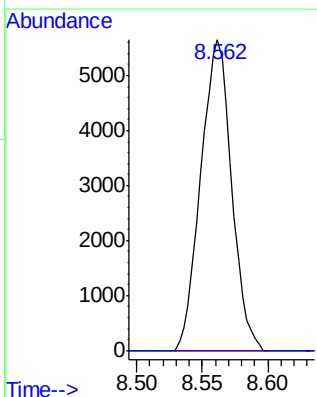
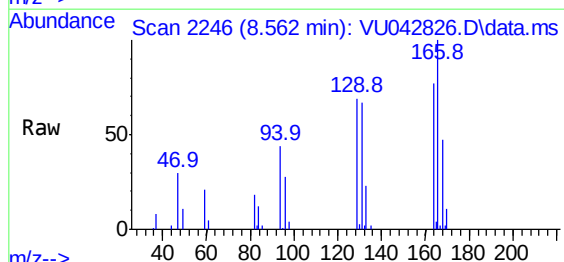
Instrument :
MSVOA_U
ClientSampleId :
YAR18

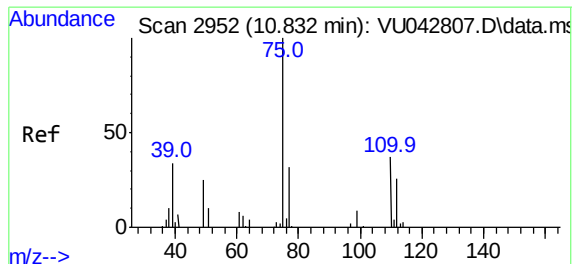
Tgt Ion: 43 Resp: 10546
Ion Ratio Lower Upper
43 100
58 20.1 40.6 61.0#
57 23.0 14.9 22.3#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 1.55 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042826.D
Acq: 29 Mar 2021 19:15

Tgt Ion: 129 Resp: 9184
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 0.92 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042826.D
 Acq: 29 Mar 2021 19:15

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR18

Tgt Ion: 75 Resp: 4415
 Ion Ratio Lower Upper
 75 100
 77 42.3 26.0 39.0#

