

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042127.D
 Acq On : 21 Jan 2021 00:21
 Operator : SY/MD
 Sample : L1180-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E25

Quant Time: Jan 21 06:04:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

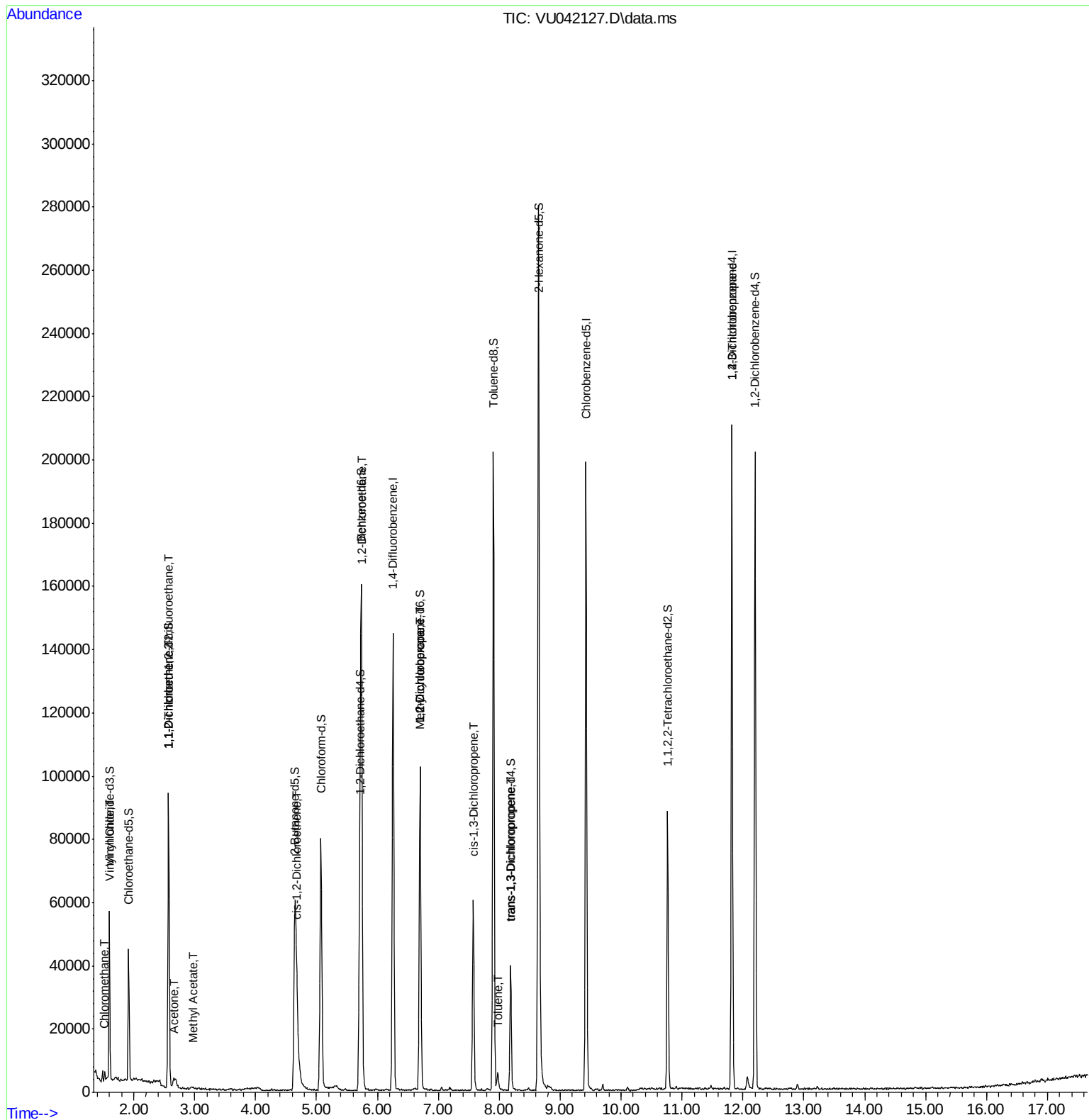
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	112376	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	106135	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	55041	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34081	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	94.00%		
7) Chloroethane-d5	1.916	69	28294	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	97.00%		
11) 1,1-Dichloroethene-d2	2.572	63	57354	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	71.80%		
20) 2-Butanone-d5	4.649	46	134356	50.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	101.58%		
24) Chloroform-d	5.073	84	71103	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.00%		
26) 1,2-Dichloroethane-d4	5.710	65	46002	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	101.60%		
32) Benzene-d6	5.736	84	137321	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.00%		
36) 1,2-Dichloropropane-d6	6.700	67	44858	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	100.40%		
41) Toluene-d8	7.906	98	124561	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.00%		
43) trans-1,3-Dichloroprop...	8.189	79	21115	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	93.20%		
46) 2-Hexanone-d5	8.645	63	102764	52.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	104.18%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	39919	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	104.20%		
64) 1,2-Dichlorobenzene-d4	12.201	152	50833	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	102.80%		
Target Compounds						
3) Chloromethane	1.520	50	1361	0.14	ug/L	93
5) Vinyl chloride	1.604	62	383	0.04	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	432	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	442	0.06	ug/L #	1
13) Acetone	2.662	43	6749	3.83	ug/L	94
15) Methyl Acetate	2.974	43	539	0.13	ug/L #	55
22) cis-1,2-Dichloroethene	4.674	96	3178	0.37	ug/L	100
27) 1,2-Dichloroethane	5.739	62	892	0.08	ug/L #	75
35) Methylcyclohexane	6.697	83	10921	0.77	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5414	0.66	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1484	0.11	ug/L #	70
42) Toluene	7.977	91	3617	0.11	ug/L	100
44) trans-1,3-Dichloropropene	8.186	75	869	0.07	ug/L #	48
59) 1,2,3-Trichloropropane	11.819	75	6091	1.05	ug/L	95

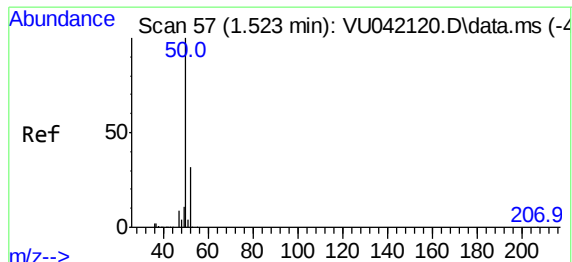
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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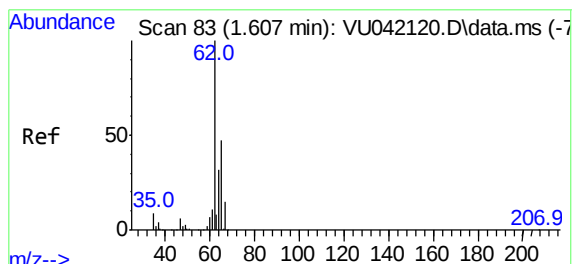
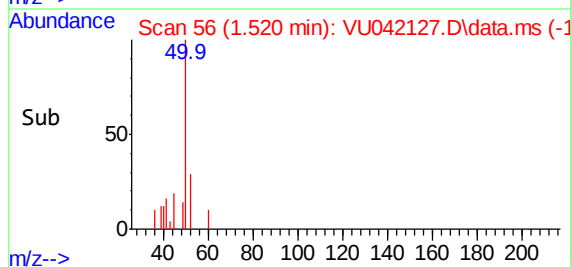
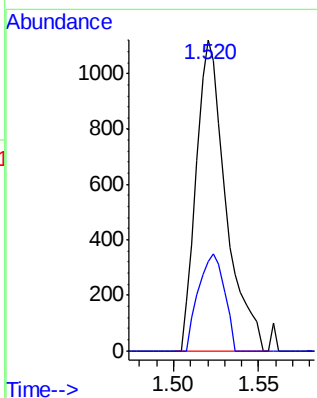
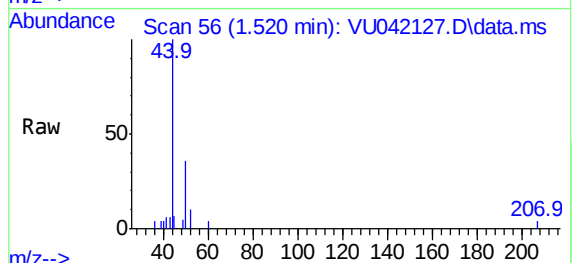




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042127.D
Acq: 21 Jan 2021 00:21

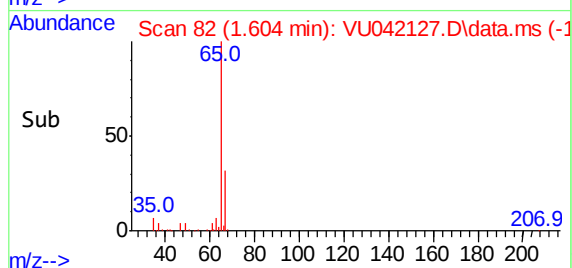
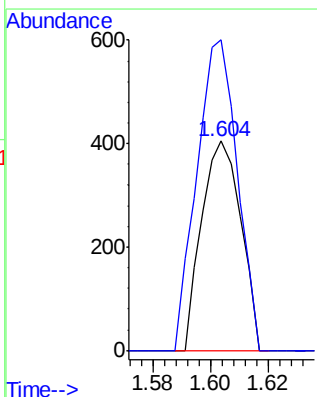
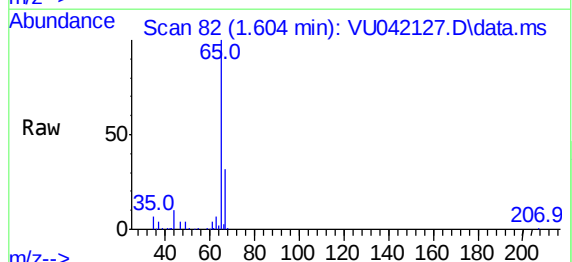
Instrument :
MSVOA_U
ClientSampleId :
F1E25

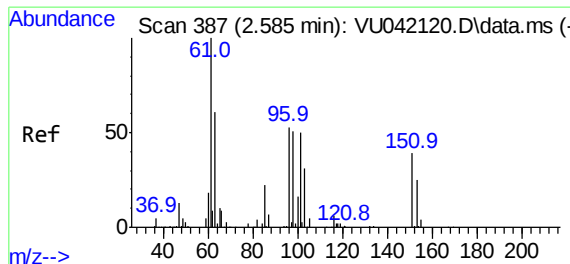
Tgt Ion: 50 Resp: 1361
Ion Ratio Lower Upper
50 100
52 28.8 23.0 42.8



#5
Vinyl chloride
Concen: 0.04 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU042127.D
Acq: 21 Jan 2021 00:21

Tgt Ion: 62 Resp: 383
Ion Ratio Lower Upper
62 100
64 148.4 22.7 42.1#

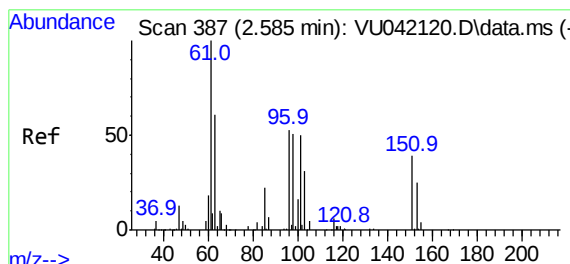
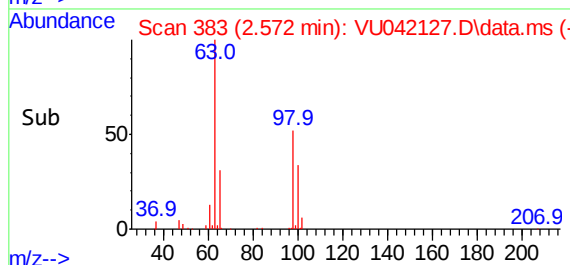
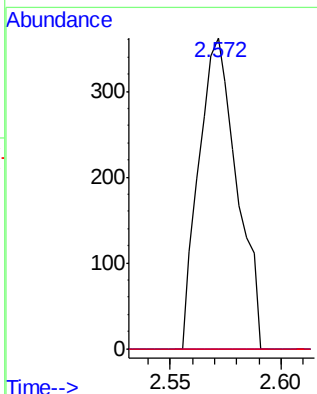
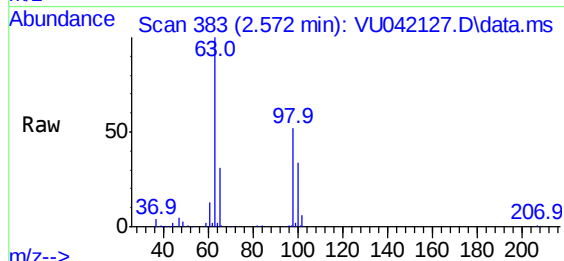




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU042127.D
 Acq: 21 Jan 2021 00:21

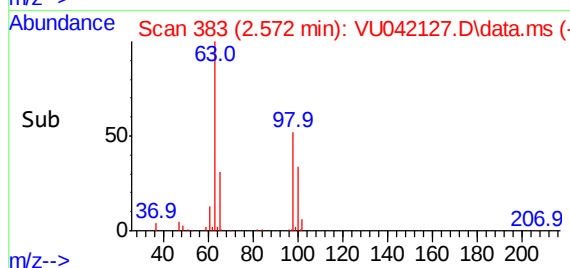
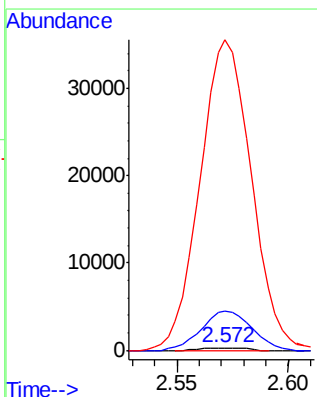
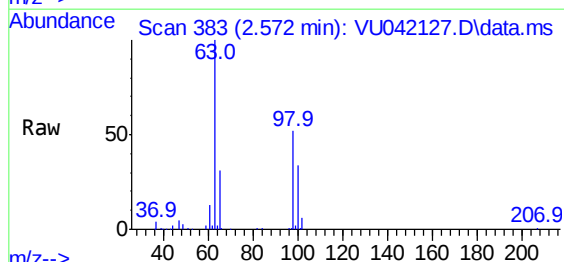
Instrument :
 MSVOA_U
 ClientSampleId :
 F1E25

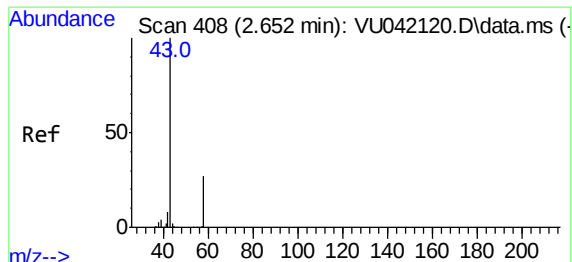
Tgt Ion:101 Resp: 432
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.06 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU042127.D
 Acq: 21 Jan 2021 00:21

Tgt Ion: 96 Resp: 442
 Ion Ratio Lower Upper
 96 100
 61 1433.6 126.2 234.4#
 63 11179.9 77.8 144.4#

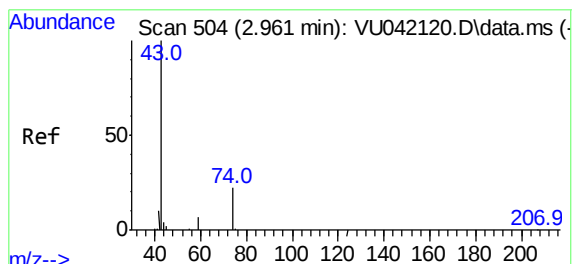
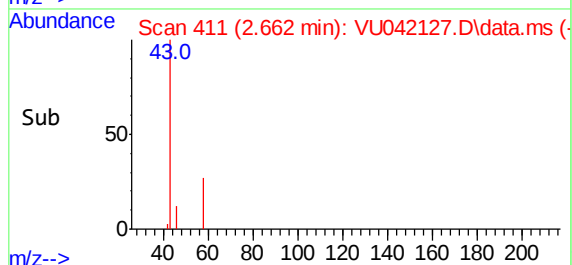
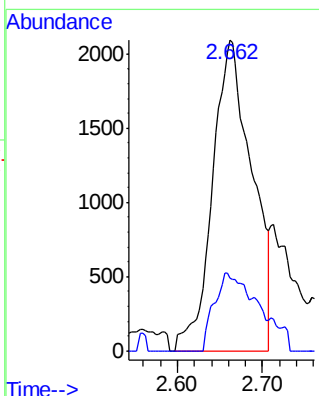
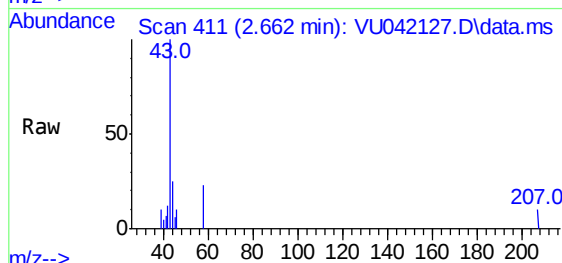




#13
Acetone
Concen: 3.83 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU042127.D
Acq: 21 Jan 2021 00:21

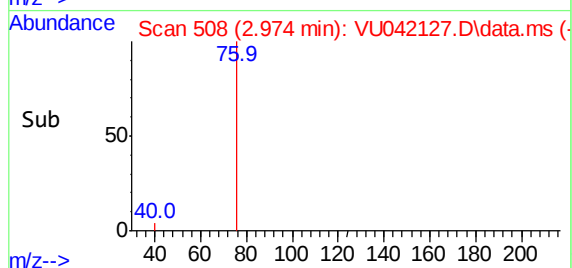
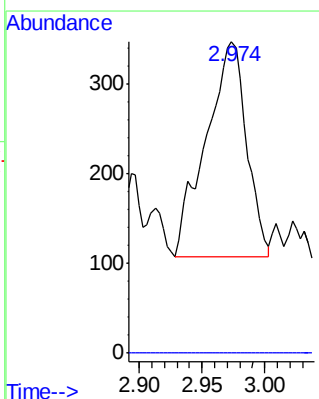
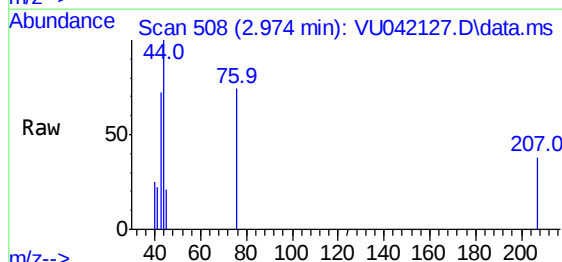
Instrument :
MSVOA_U
ClientSampleId :
F1E25

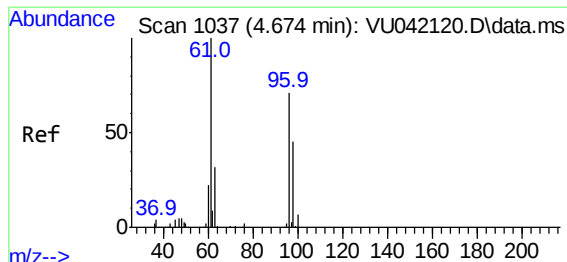
Tgt Ion: 43 Resp: 6749
Ion Ratio Lower Upper
43 100
58 25.0 0.0 55.8



#15
Methyl Acetate
Concen: 0.13 ug/L
RT: 2.974 min Scan# 508
Delta R.T. 0.013 min
Lab File: VU042127.D
Acq: 21 Jan 2021 00:21

Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



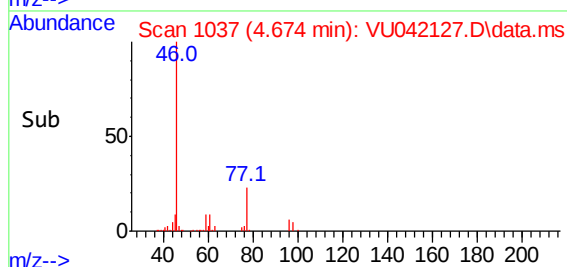
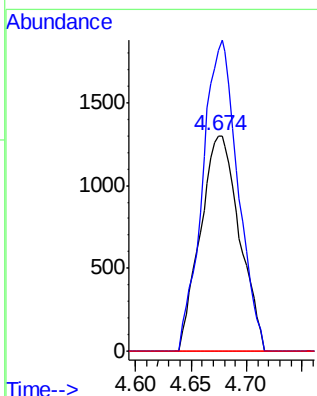
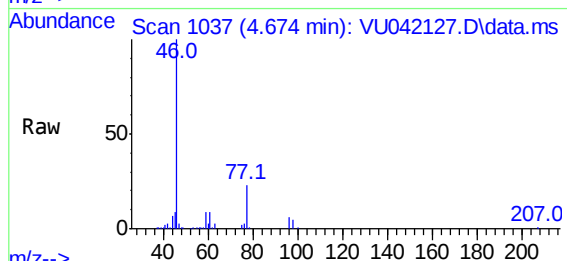


#22
 cis-1,2-Dichloroethene
 Concen: 0.37 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU042127.D
 Acq: 21 Jan 2021 00:21

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E25

Tgt Ion: 96 Resp: 3178

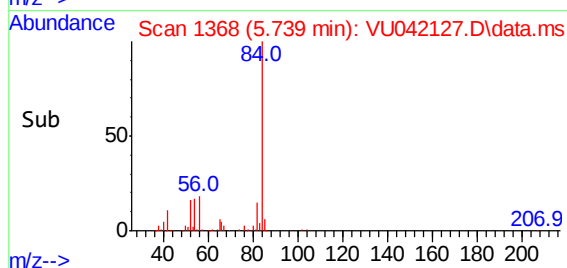
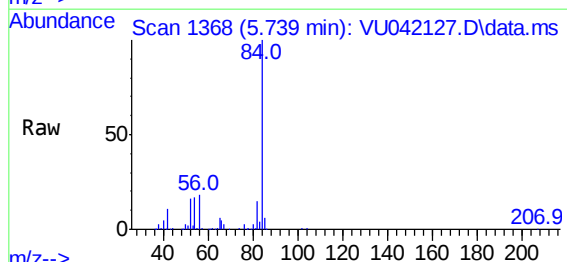
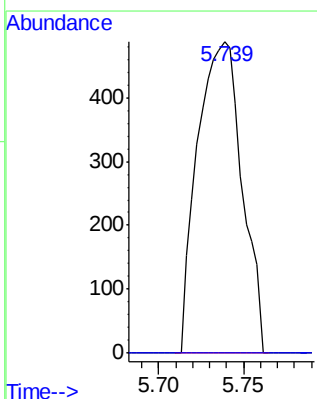
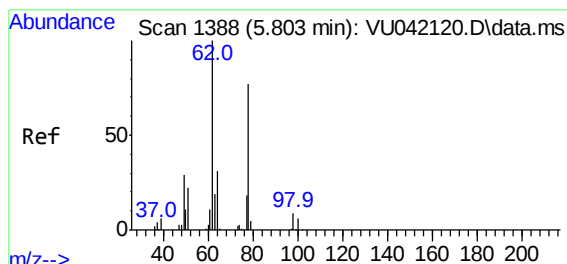
Ion	Ratio	Lower	Upper
96	100		
61	140.0	97.8	181.6
68	0.0	0.0	0.0

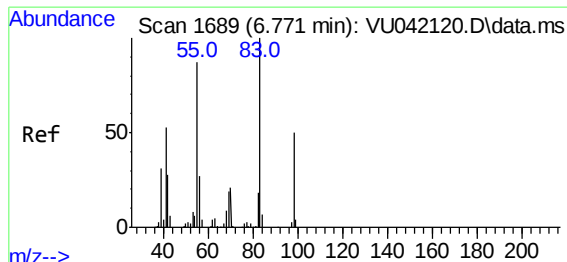


#27
 1,2-Dichloroethane
 Concen: 0.08 ug/L
 RT: 5.739 min Scan# 1368
 Delta R.T. -0.064 min
 Lab File: VU042127.D
 Acq: 21 Jan 2021 00:21

Tgt Ion: 62 Resp: 892

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

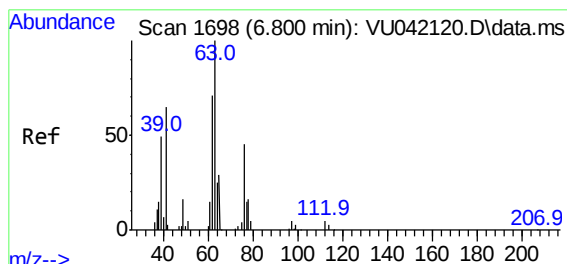
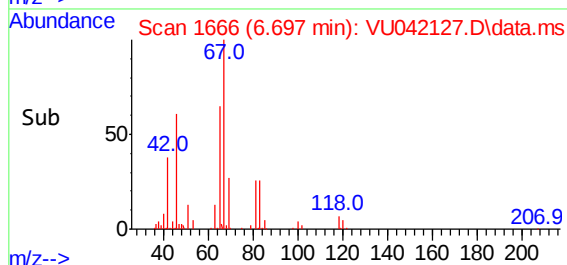
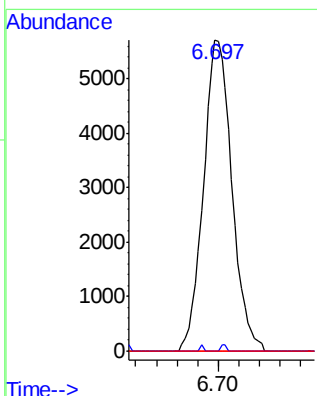
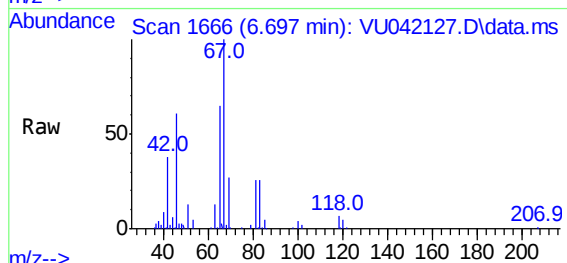




#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042127.D
Acq: 21 Jan 2021 00:21

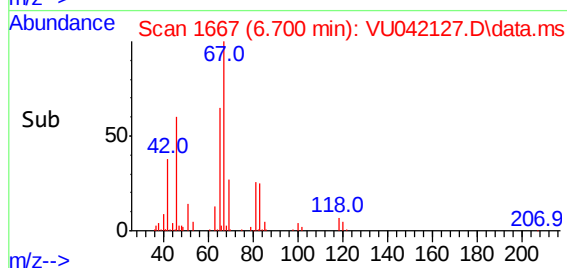
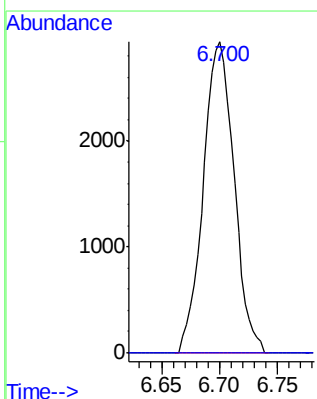
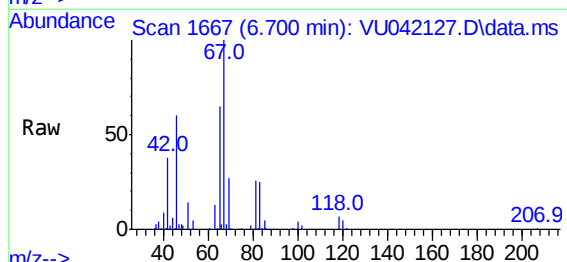
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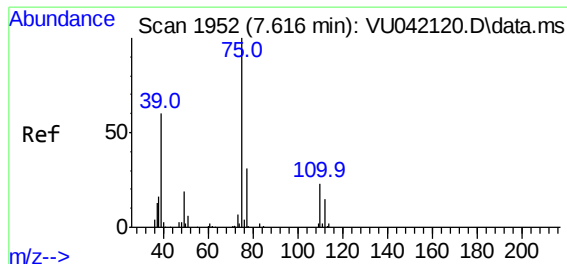
Tgt Ion: 83 Resp: 10921
Ion Ratio Lower Upper
83 100
55 0.4 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042127.D
Acq: 21 Jan 2021 00:21

Tgt Ion: 63 Resp: 5414
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

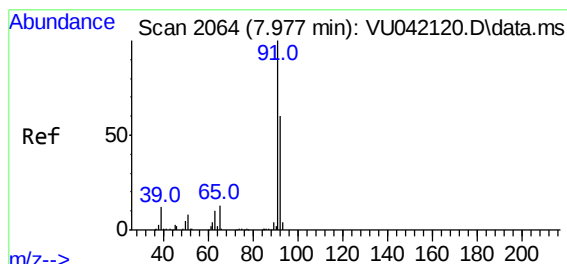
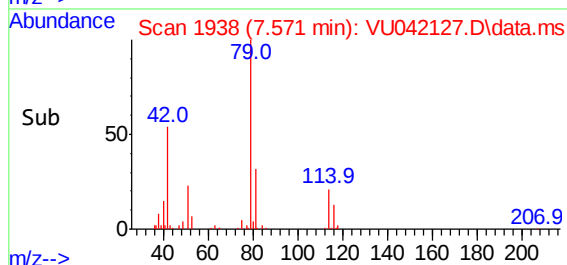
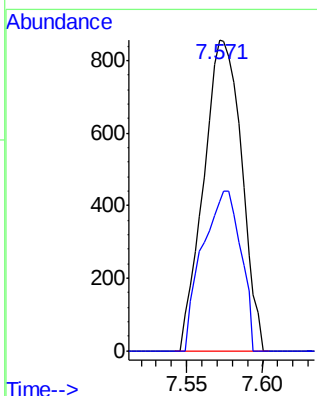
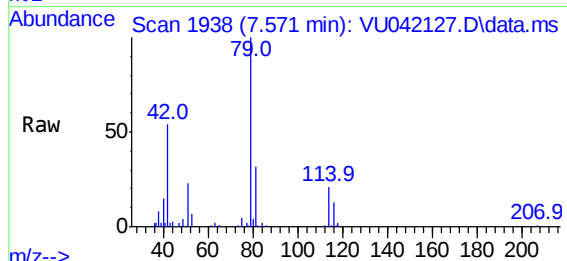




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042127.D
Acq: 21 Jan 2021 00:21

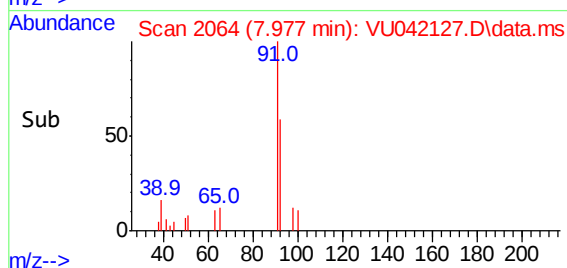
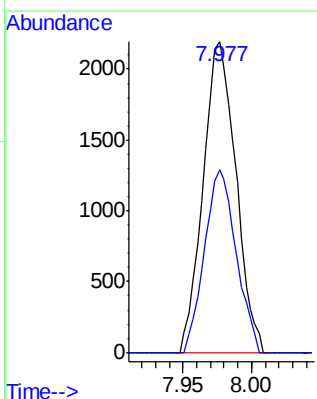
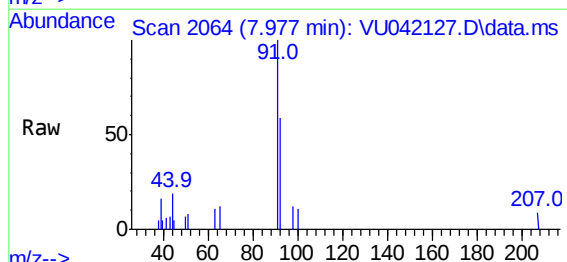
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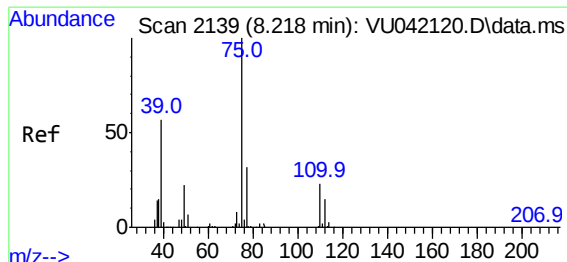
Tgt Ion: 75 Resp: 1484
Ion Ratio Lower Upper
75 100
77 48.2 22.0 40.8#



#42
Toluene
Concen: 0.11 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042127.D
Acq: 21 Jan 2021 00:21

Tgt Ion: 91 Resp: 3617
Ion Ratio Lower Upper
91 100
92 58.8 41.2 76.6



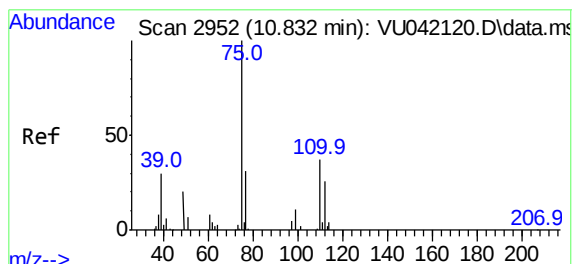
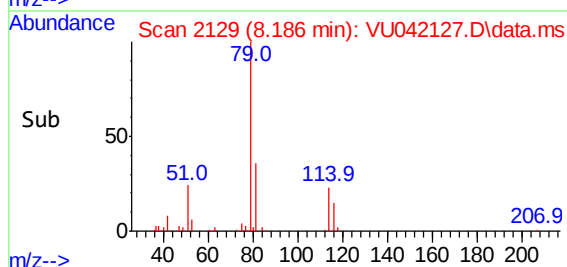
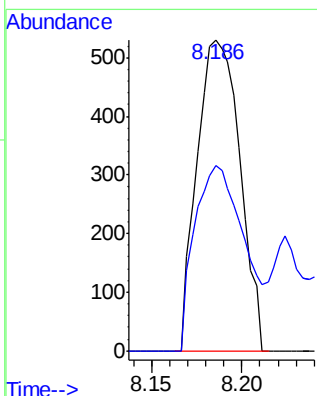
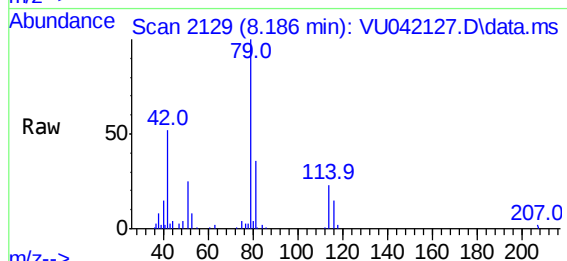


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042127.D
Acq: 21 Jan 2021 00:21

Instrument :
MSVOA_U
ClientSampleId :
F1E25

Tgt Ion: 75 Resp: 869
Ion Ratio Lower Upper
75 100
77 59.8 21.8 40.4#



#59

1,2,3-Trichloropropane
Concen: 1.05 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042127.D
Acq: 21 Jan 2021 00:21

Tgt Ion: 75 Resp: 6091
Ion Ratio Lower Upper
75 100
77 35.1 26.0 39.0

