

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042150.D
 Acq On : 21 Jan 2021 15:00
 Operator : SY/MD
 Sample : M1180-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E24DL

Quant Time: Jan 22 02:48:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	111817	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	104190	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	55102	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31359	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	87.00%		
7) Chloroethane-d5	1.916	69	27003	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	93.00%		
11) 1,1-Dichloroethene-d2	2.572	63	54006	3.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	68.00%		
20) 2-Butanone-d5	4.646	46	139116	52.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	105.72%		
24) Chloroform-d	5.073	84	70166	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.20%		
26) 1,2-Dichloroethane-d4	5.710	65	43634	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.80%		
32) Benzene-d6	5.736	84	131217	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.40%		
36) 1,2-Dichloropropane-d6	6.700	67	42933	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.80%		
41) Toluene-d8	7.906	98	120088	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.40%		
43) trans-1,3-Dichloroprop...	8.186	79	20236	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	91.00%		
46) 2-Hexanone-d5	8.642	63	98406	50.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	101.62%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	38086	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	101.20%		
64) 1,2-Dichlorobenzene-d4	12.202	152	47806	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	96.60%		
Target Compounds					Qvalue	
3) Chloromethane	1.524	50	1053	0.11	ug/L	99
5) Vinyl chloride	1.604	62	392	0.04	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	424	0.05	ug/L #	18
13) Acetone	2.655	43	3209	1.83	ug/L	81
15) Methyl Acetate	2.980	43	666	0.16	ug/L #	55
16) Methylene chloride	3.057	84	999	0.11	ug/L	95
22) cis-1,2-Dichloroethene	4.675	96	64461	7.50	ug/L	100
27) 1,2-Dichloroethane	5.736	62	843	0.08	ug/L #	75
33) Benzene	5.732	78	1096	0.04	ug/L	100
34) Trichloroethene	6.552	95	7943	0.96	ug/L	95
35) Methylcyclohexane	6.700	83	10201	0.74	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5189	0.64	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1509	0.11	ug/L #	66
44) trans-1,3-Dichloropropene	8.182	75	805	0.07	ug/L #	78
47) Tetrachloroethene	8.562	164	4375	0.64	ug/L	94
48) 2-Hexanone	8.642	43	12989	2.70	ug/L #	69
49) Dibromochloromethane	8.562	129	3825	0.48	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6445	1.13	ug/L	99

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Instrument :
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ClientSampleId :
F1E24DL

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 22 02:43:44 2021
Response via : Initial Calibration

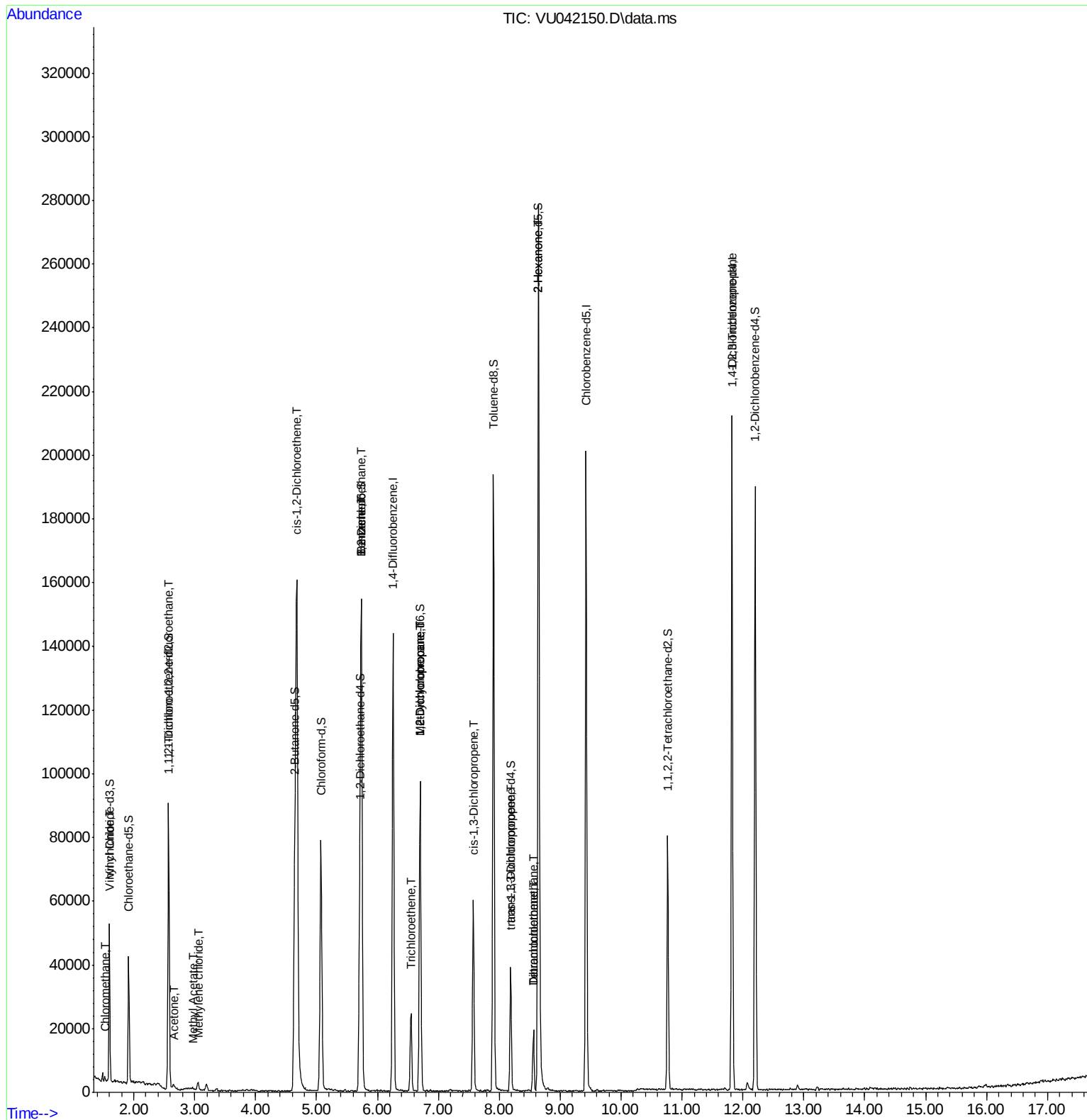
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

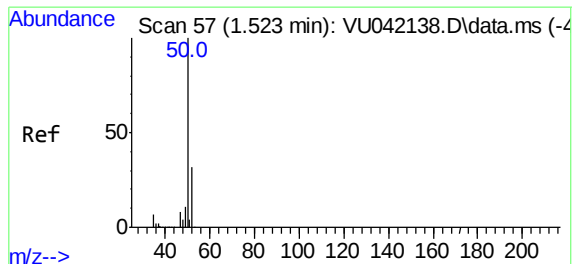
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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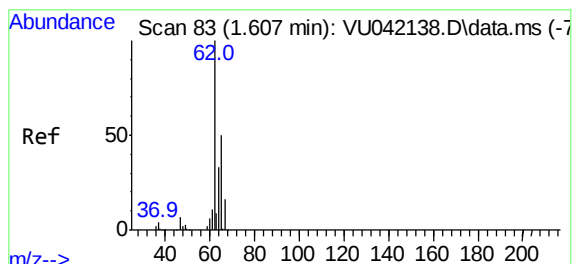
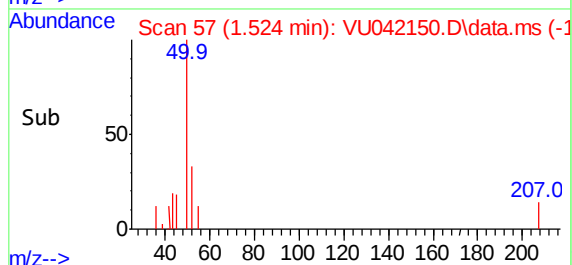
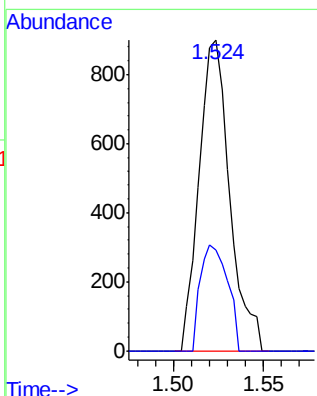
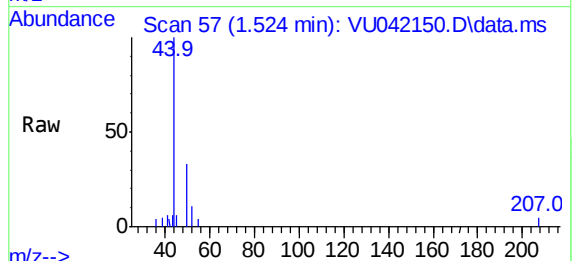




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

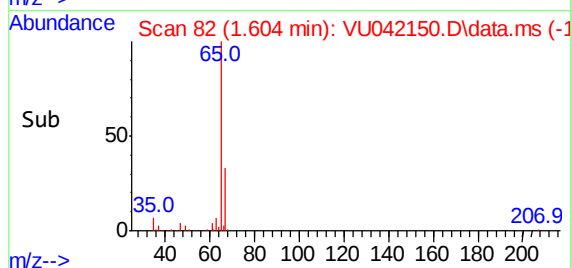
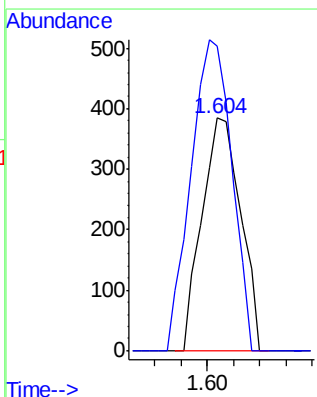
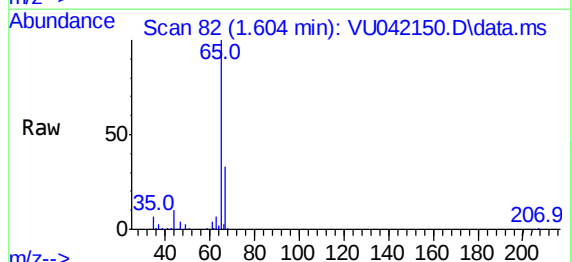
Instrument :
MSVOA_U
ClientSampleId :
F1E24DL

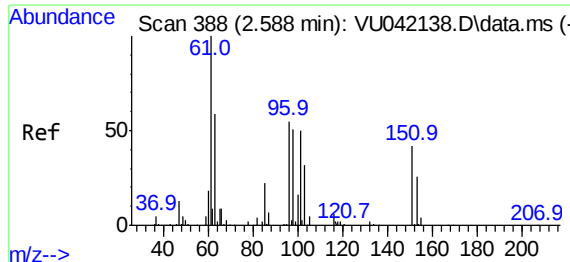
Tgt Ion: 50 Resp: 1053
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8



#5
Vinyl chloride
Concen: 0.04 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

Tgt Ion: 62 Resp: 392
Ion Ratio Lower Upper
62 100
64 131.0 22.7 42.1#

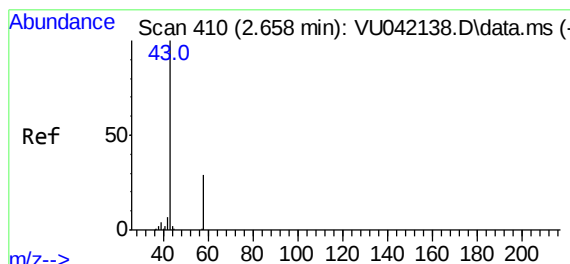
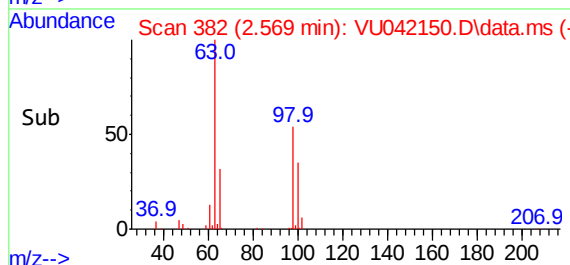
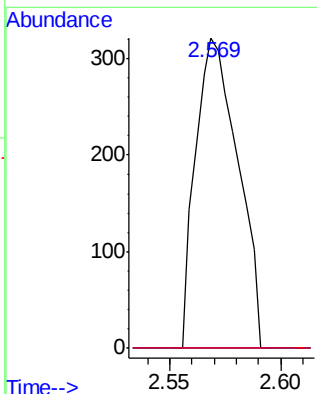
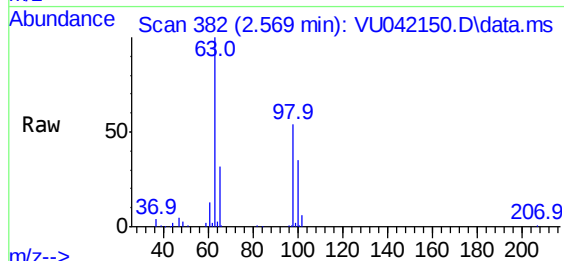




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.569 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU042150.D
 Acq: 21 Jan 2021 15:00

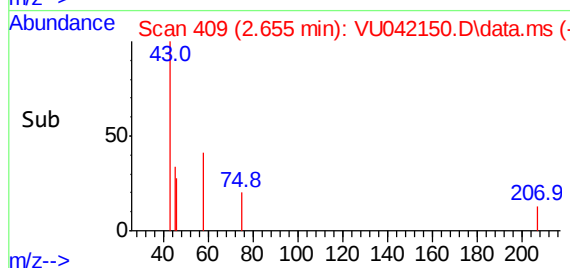
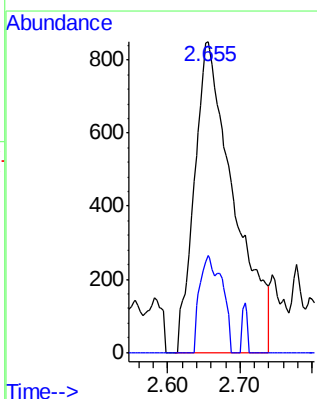
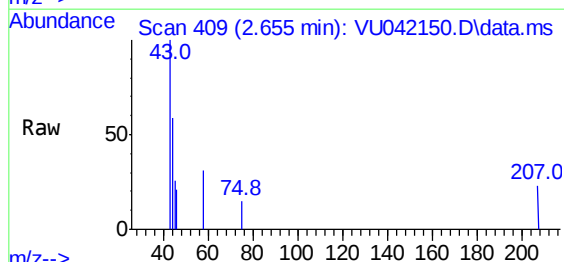
Instrument :
 MSVOA_U
 ClientSampleId :
 F1E24DL

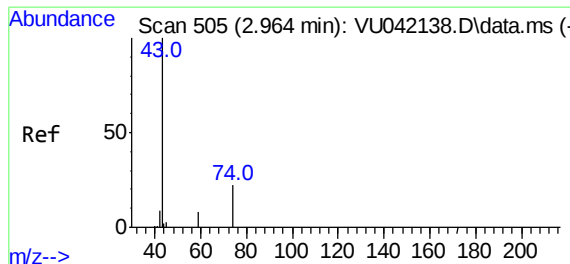
Tgt Ion:101 Resp: 424
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#13
 Acetone
 Concen: 1.83 ug/L
 RT: 2.655 min Scan# 409
 Delta R.T. -0.003 min
 Lab File: VU042150.D
 Acq: 21 Jan 2021 15:00

Tgt Ion: 43 Resp: 3209
 Ion Ratio Lower Upper
 43 100
 58 17.8 0.0 55.8

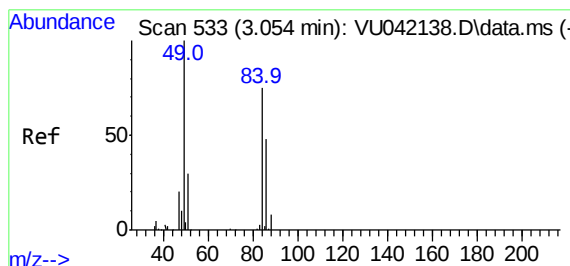
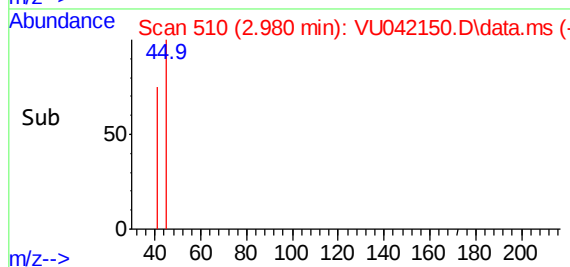
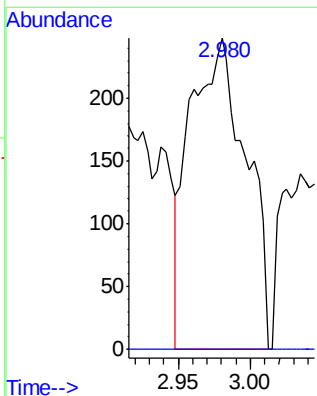
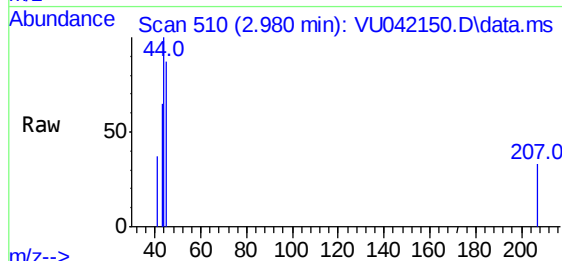




#15
Methyl Acetate
Concen: 0.16 ug/L
RT: 2.980 min Scan# 510
Delta R.T. 0.016 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

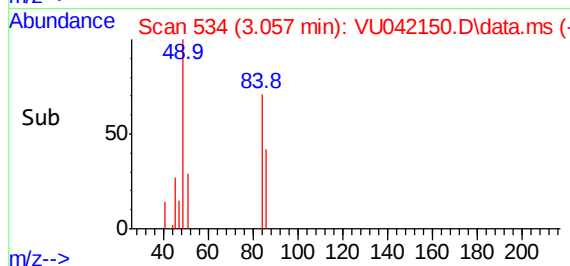
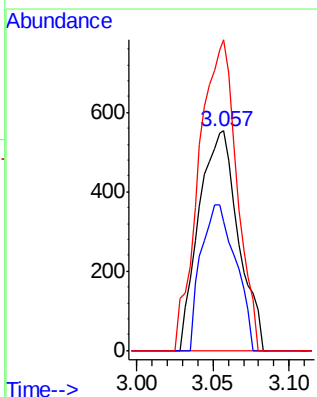
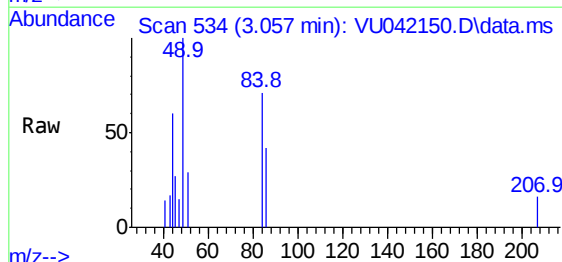
Instrument :
MSVOA_U
ClientSampleId :
F1E24DL

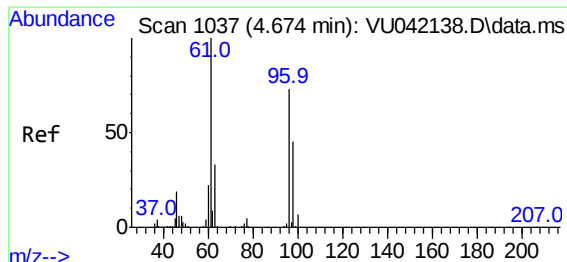
Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#16
Methylene chloride
Concen: 0.11 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

Tgt Ion: 84 Resp: 999
Ion Ratio Lower Upper
84 100
86 58.8 44.1 81.9
49 141.6 95.0 176.4



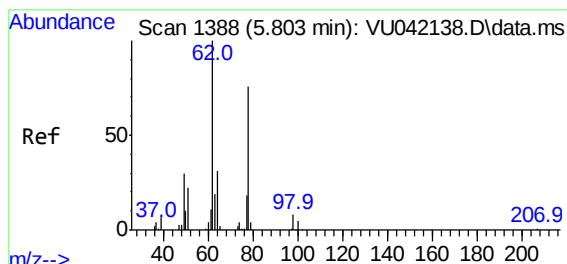
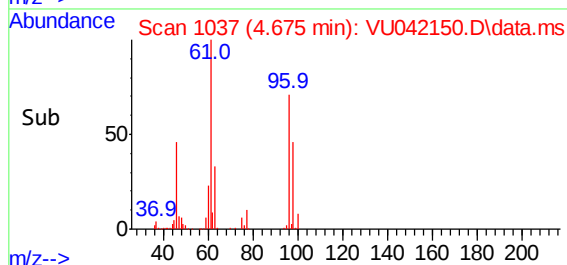
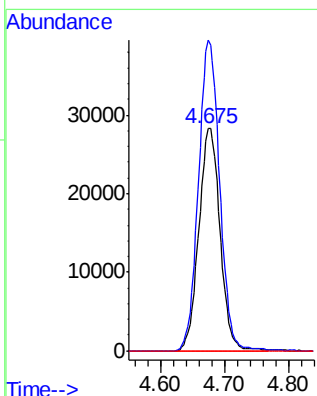
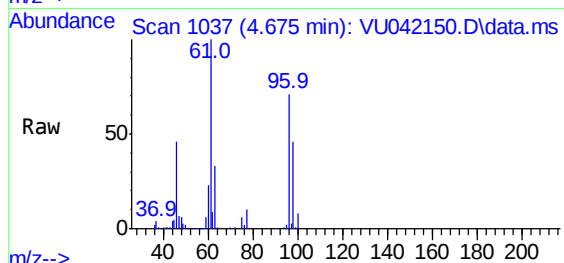


#22
 cis-1,2-Dichloroethene
 Concen: 7.50 ug/L
 RT: 4.675 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU042150.D
 Acq: 21 Jan 2021 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E24DL

Tgt Ion: 96 Resp: 64461

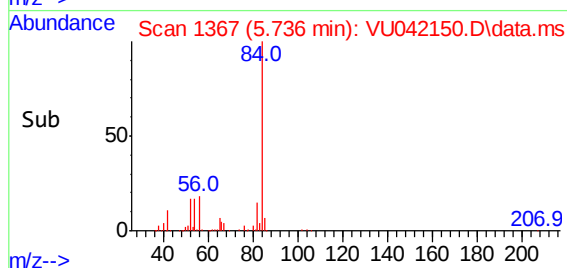
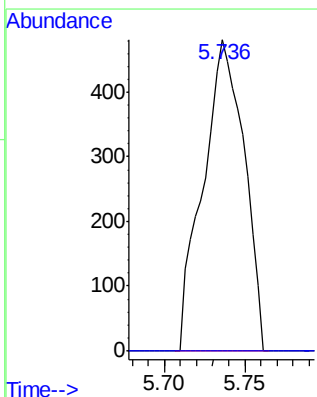
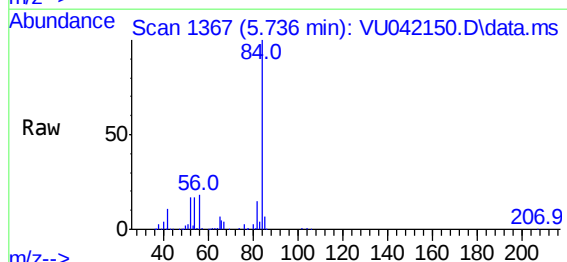
Ion	Ratio	Lower	Upper
96	100		
61	140.0	97.8	181.6
68	0.0	0.0	0.0

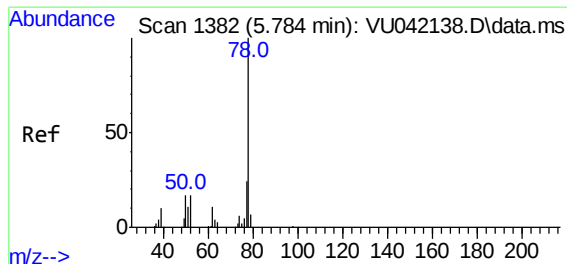


#27
 1,2-Dichloroethane
 Concen: 0.08 ug/L
 RT: 5.736 min Scan# 1367
 Delta R.T. -0.067 min
 Lab File: VU042150.D
 Acq: 21 Jan 2021 15:00

Tgt Ion: 62 Resp: 843

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

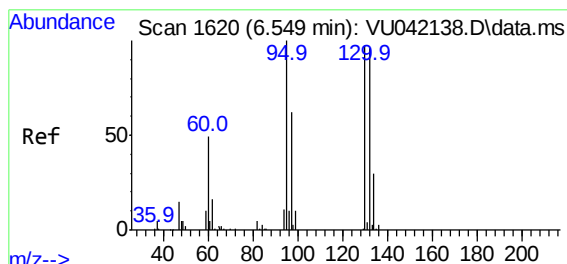
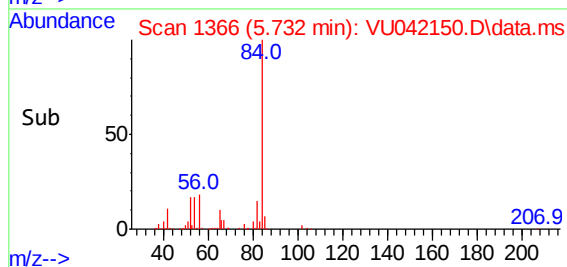
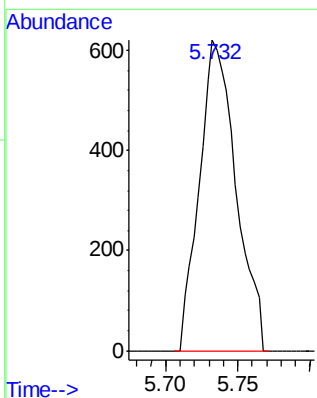
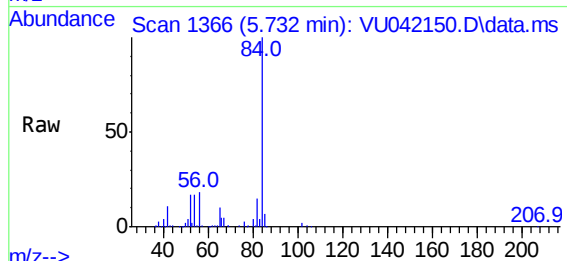




#33
Benzene
Concen: 0.04 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.051 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

Instrument :
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ClientSampleId :
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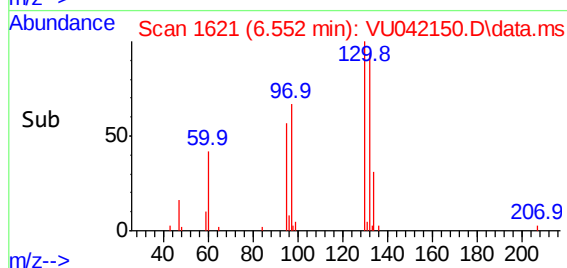
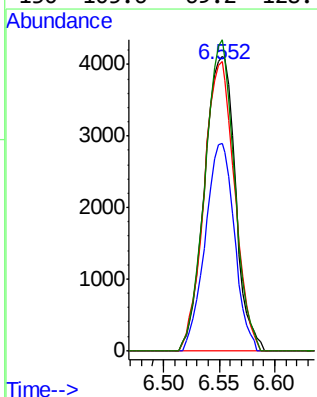
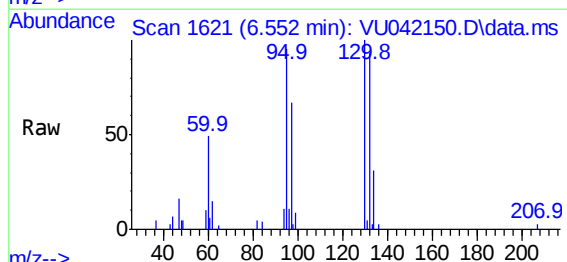
Tgt Ion: 78 Resp: 1096

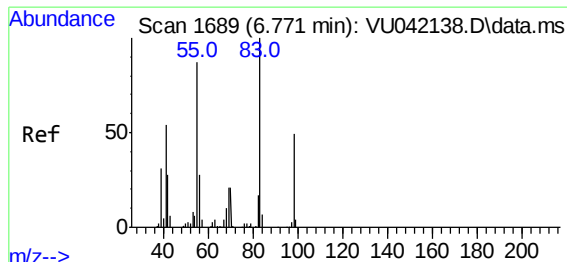


#34
Trichloroethene
Concen: 0.96 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

Tgt Ion: 95 Resp: 7943

Ion	Ratio	Lower	Upper
95	100		
97	70.4	44.4	82.4
132	98.2	68.0	126.4
130	105.6	69.2	128.4

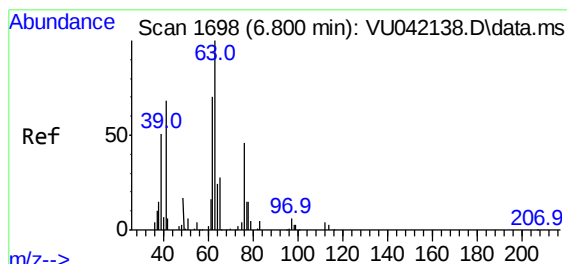
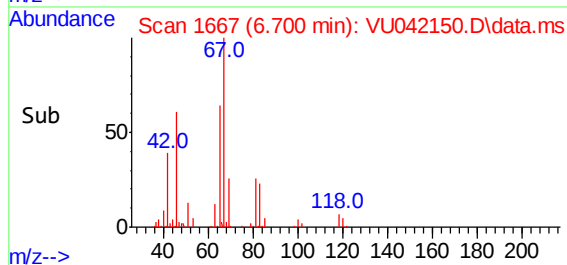
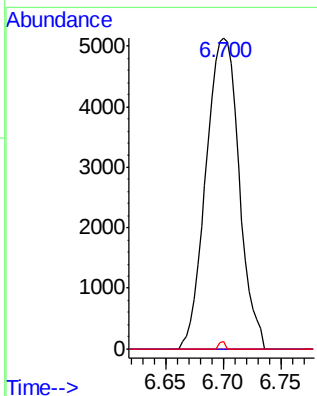
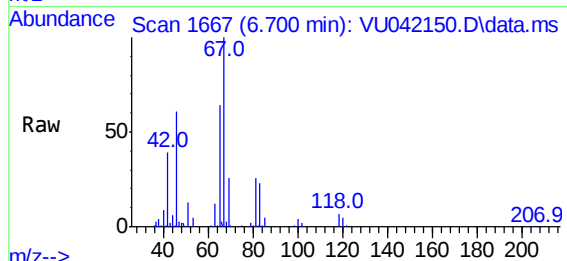




#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

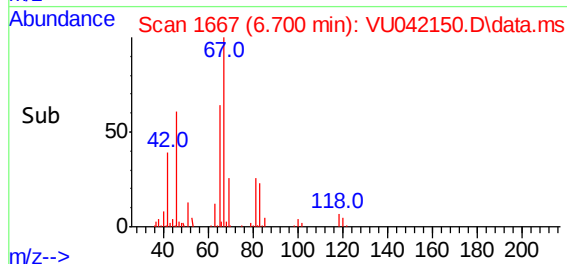
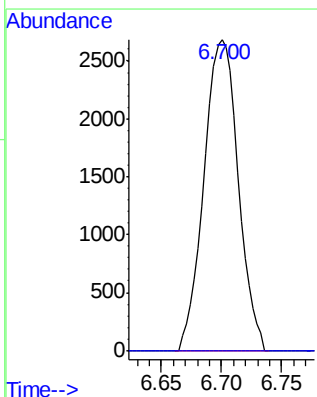
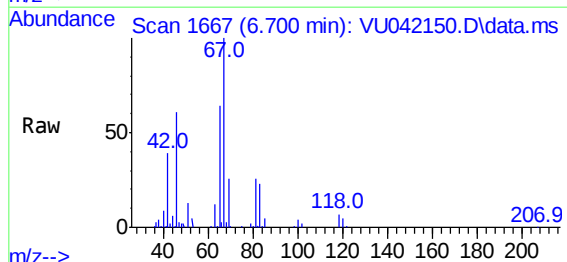
Instrument :
MSVOA_U
ClientSampleId :
F1E24DL

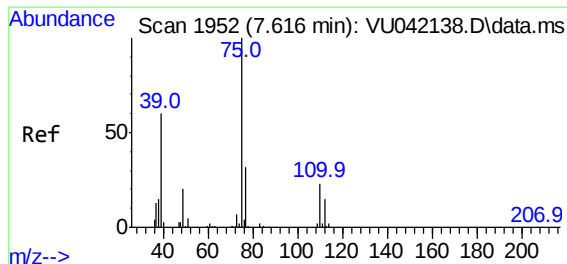
Tgt Ion: 83 Resp: 10201
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.4 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

Tgt Ion: 63 Resp: 5189
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

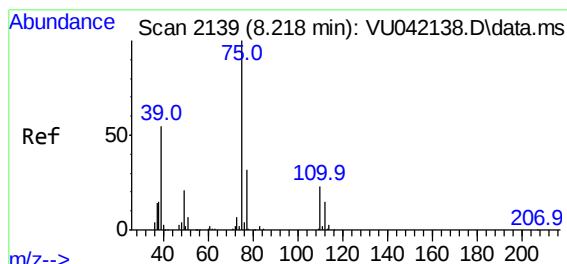
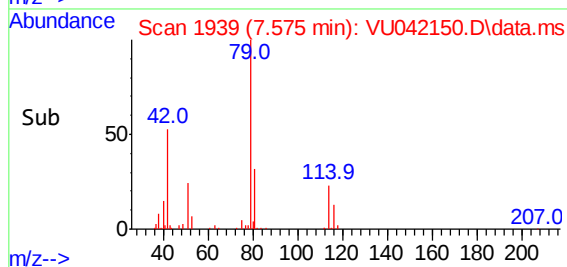
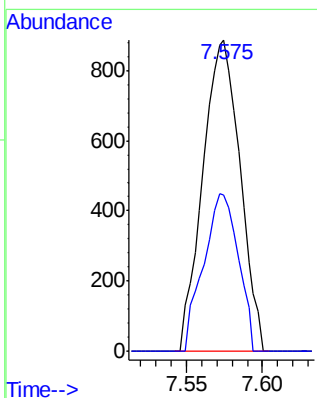
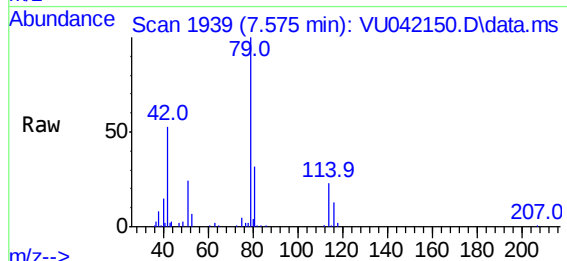




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

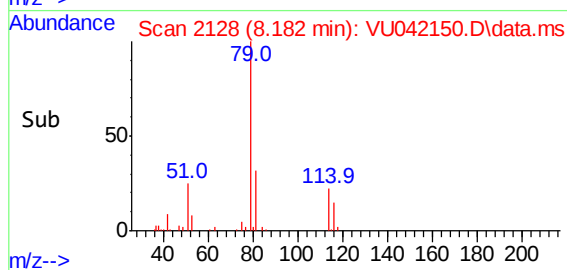
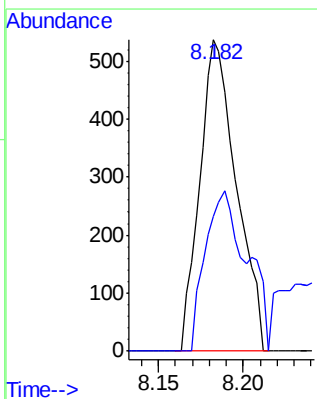
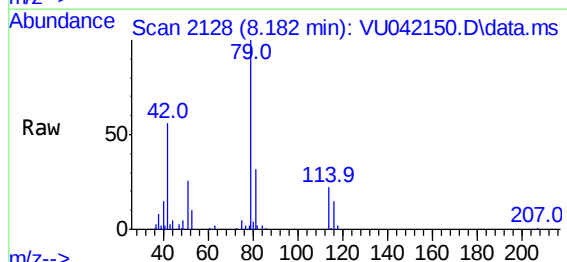
Instrument :
MSVOA_U
ClientSampleId :
F1E24DL

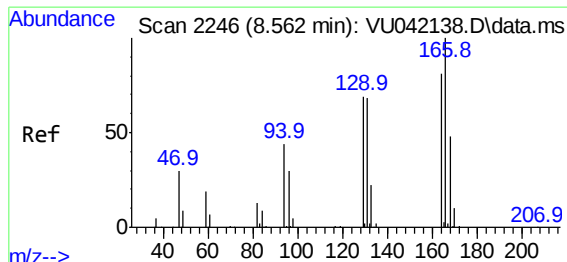
Tgt Ion: 75 Resp: 1509
Ion Ratio Lower Upper
75 100
77 50.2 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.035 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

Tgt Ion: 75 Resp: 805
Ion Ratio Lower Upper
75 100
77 43.1 21.8 40.4#



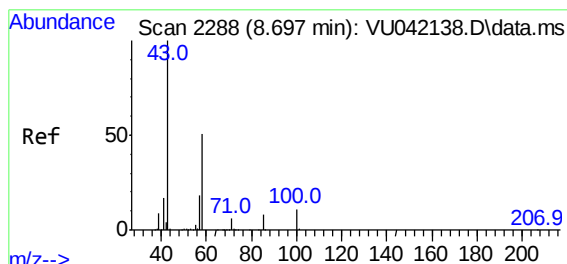
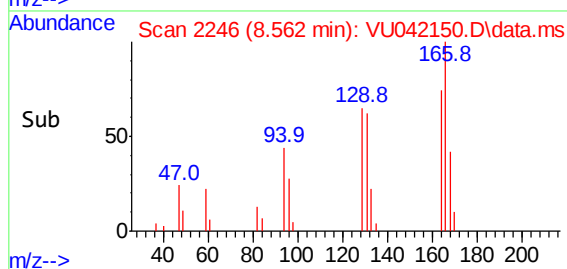
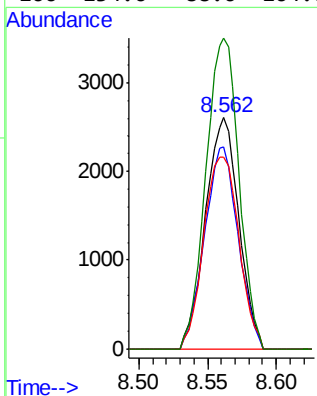
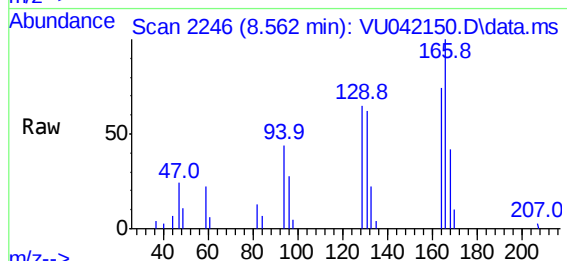


#47
Tetrachloroethene
Concen: 0.64 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

Instrument :
MSVOA_U
ClientSampleId :
F1E24DL

Tgt Ion:164 Resp: 4375

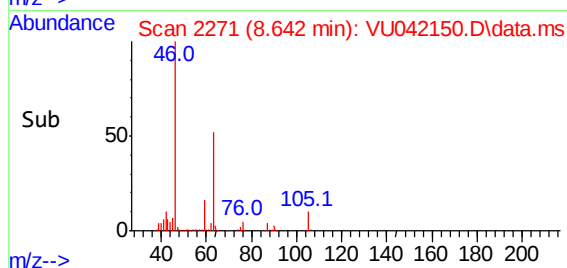
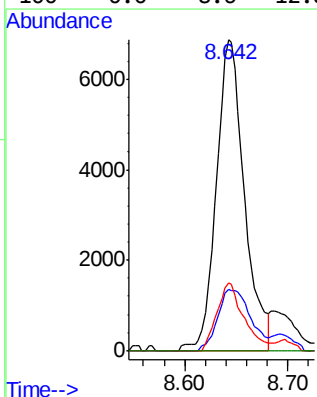
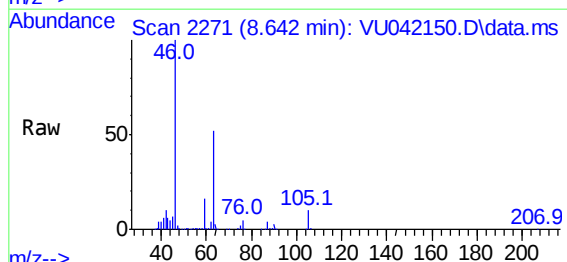
Ion	Ratio	Lower	Upper
164	100		
129	87.3	64.3	119.5
131	83.3	62.2	115.6
166	134.6	88.6	164.6

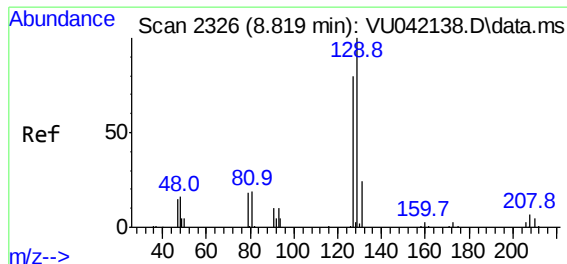


#48
2-Hexanone
Concen: 2.70 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.054 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

Tgt Ion: 43 Resp: 12989

Ion	Ratio	Lower	Upper
43	100		
58	22.9	40.6	61.0#
57	21.3	14.9	22.3
100	0.0	8.6	12.8#

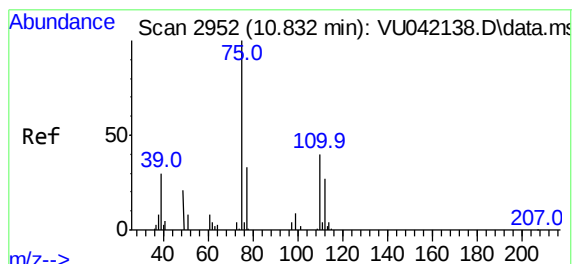
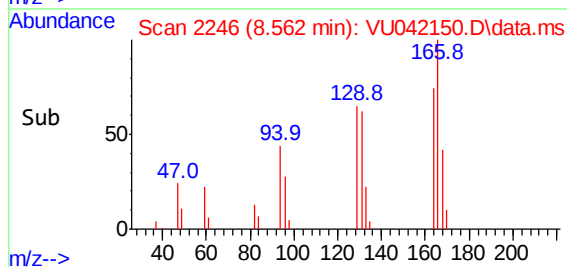
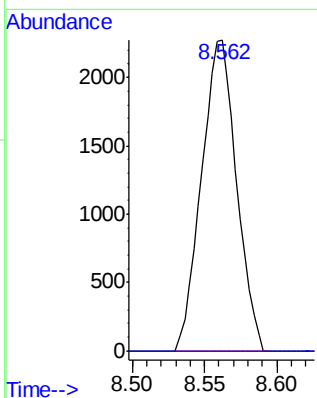
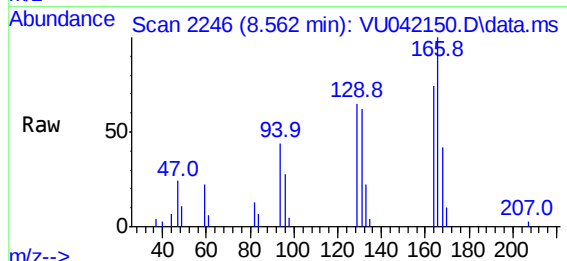




#49
Dibromochloromethane
Concen: 0.48 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

Instrument :
MSVOA_U
ClientSampleId :
F1E24DL

Tgt Ion:129 Resp: 3825
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.13 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042150.D
Acq: 21 Jan 2021 15:00

Tgt Ion: 75 Resp: 6445
Ion Ratio Lower Upper
75 100
77 33.3 26.0 39.0

