

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042149.D
 Acq On : 21 Jan 2021 14:36
 Operator : SY/MD
 Sample : M1180-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E23DL

Quant Time: Jan 22 02:48:28 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	109079	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	99929	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52222	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31297	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.919	69	26774	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.571	63	55914	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.642	46	135187	52.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.30%
24) Chloroform-d	5.073	84	70913	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.713	65	43166	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.735	84	131992	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.700	67	43189	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.906	98	120645	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	8.185	79	20613	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.642	63	98664	53.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.24%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	36570	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	47547	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	747	0.08	ug/L	96
5) Vinyl chloride	1.607	62	552	0.06	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	444	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.571	96	545	0.07	ug/L #	1
13) Acetone	2.655	43	2399	1.40	ug/L	80
16) Methylene chloride	3.047	84	1194	0.14	ug/L	92
22) cis-1,2-Dichloroethene	4.678	96	85893	10.24	ug/L	97
27) 1,2-Dichloroethane	5.735	62	752	0.07	ug/L #	75
33) Benzene	5.729	78	1032	0.04	ug/L	100
34) Trichloroethene	6.549	95	10516	1.33	ug/L	98
35) Methylcyclohexane	6.700	83	10470	0.79	ug/L #	18
37) 1,2-Dichloropropane	6.700	63	5233	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1290	0.10	ug/L #	52
44) trans-1,3-Dichloropropene	8.189	75	843	0.07	ug/L #	68
47) Tetrachloroethene	8.558	164	5695	0.86	ug/L	93
48) 2-Hexanone	8.642	43	13491	2.93	ug/L #	69
49) Dibromochloromethane	8.558	129	5354	0.70	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	6111	1.12	ug/L	99

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QLast Update : Fri Jan 22 02:43:44 2021
Response via : Initial Calibration

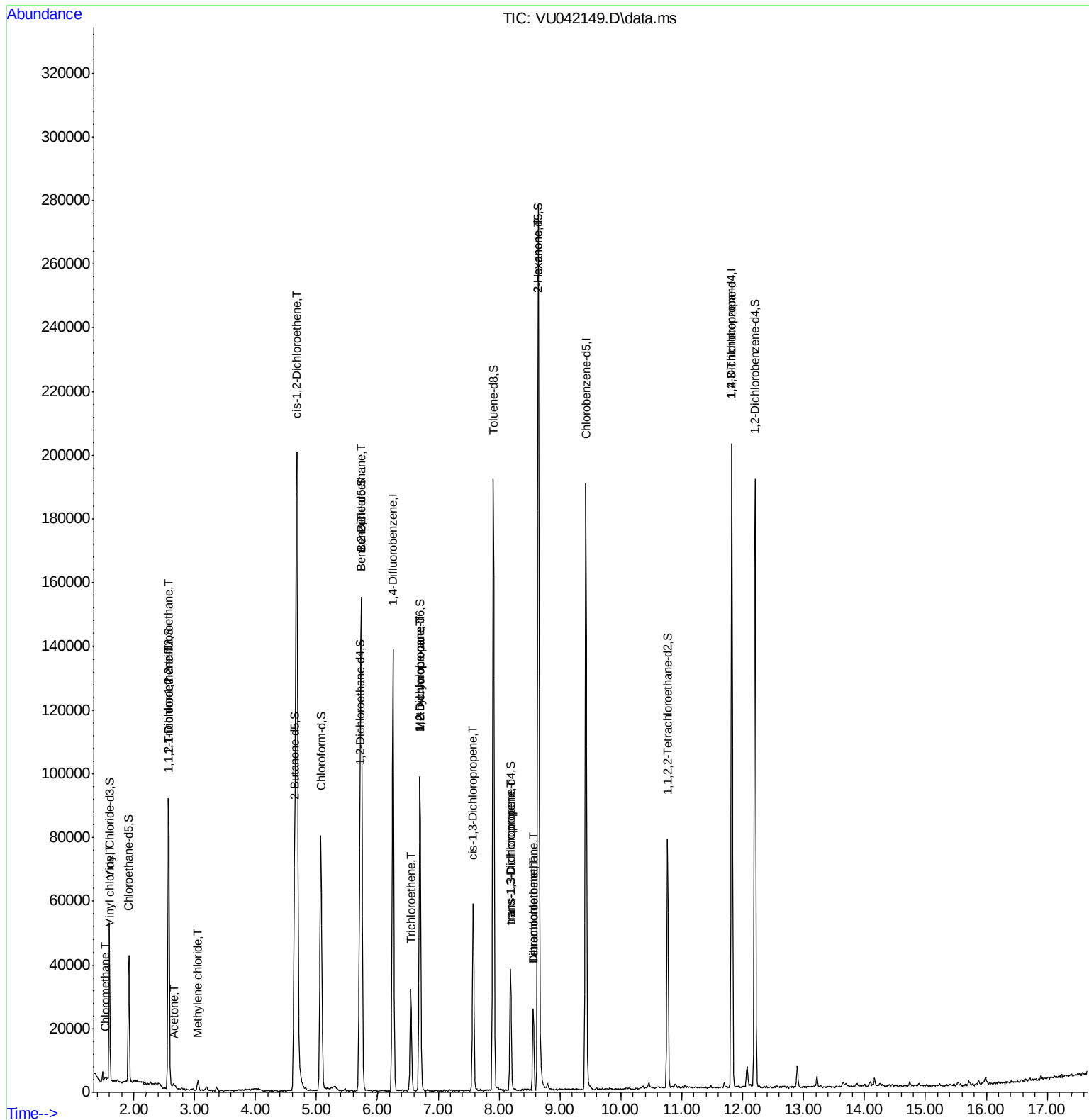
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

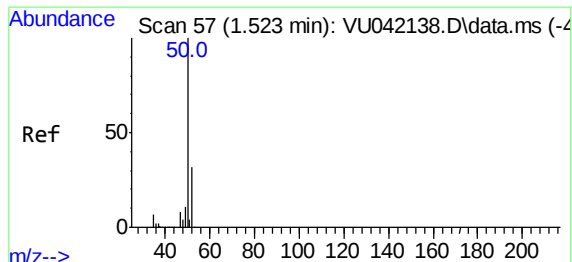
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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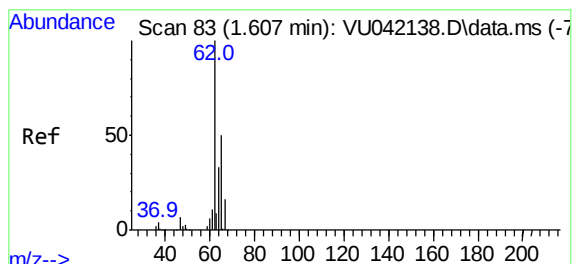
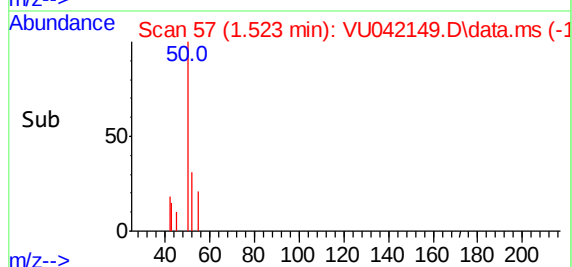
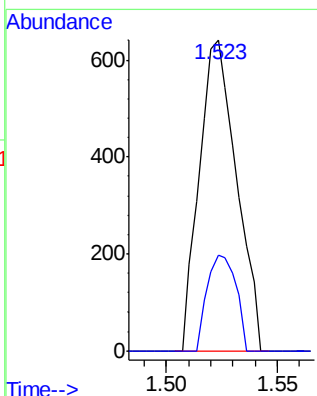
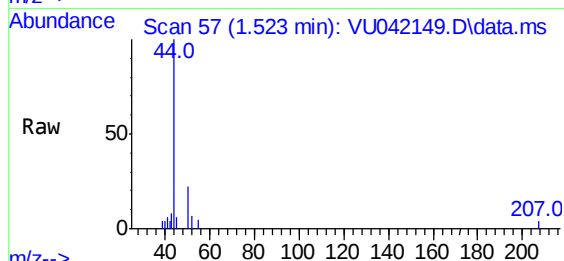




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

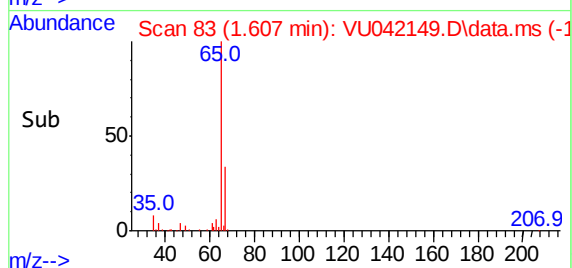
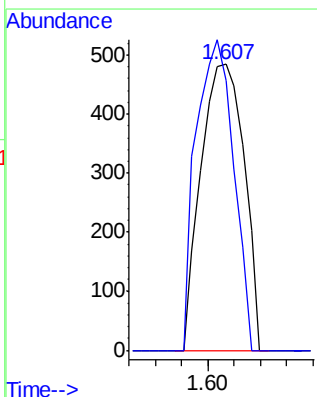
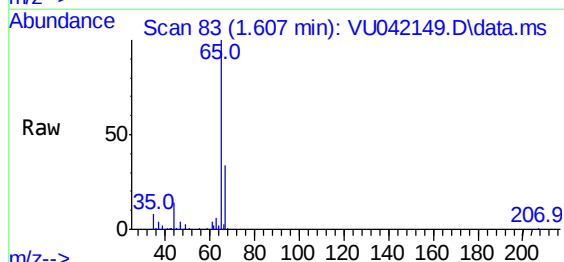
Instrument :
MSVOA_U
ClientSampleId :
F1E23DL

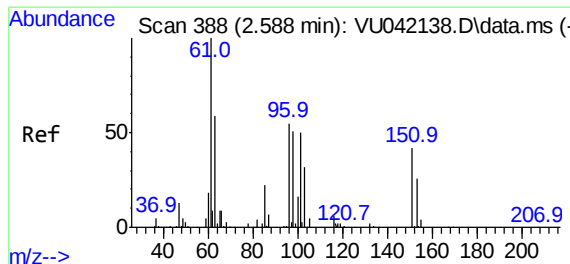
Tgt Ion: 50 Resp: 747
Ion Ratio Lower Upper
50 100
52 30.7 23.0 42.8



#5
Vinyl chloride
Concen: 0.06 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

Tgt Ion: 62 Resp: 552
Ion Ratio Lower Upper
62 100
64 94.0 22.7 42.1#

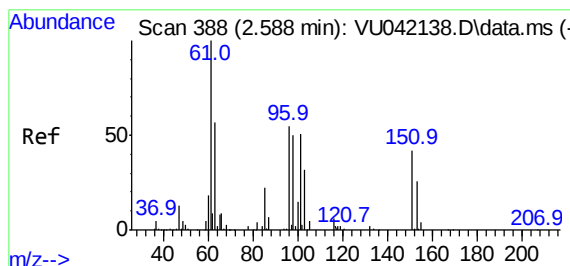
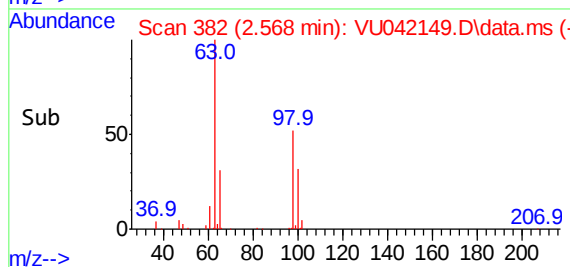
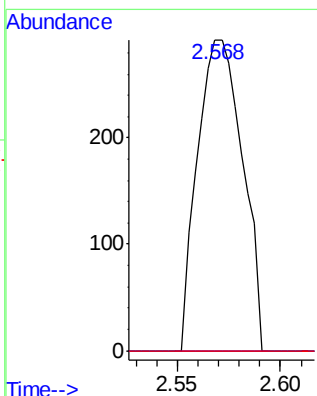
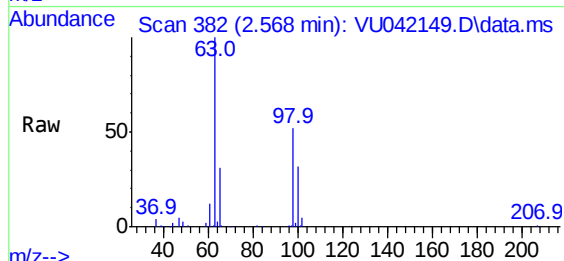




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.06 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU042149.D
 Acq: 21 Jan 2021 14:36

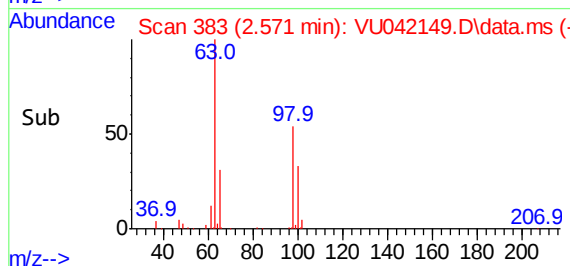
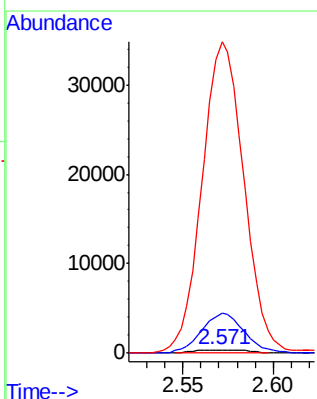
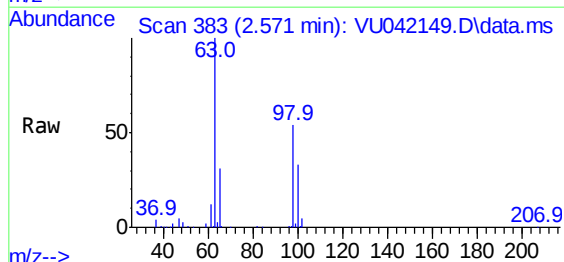
Instrument :
 MSVOA_U
 ClientSampleId :
 F1E23DL

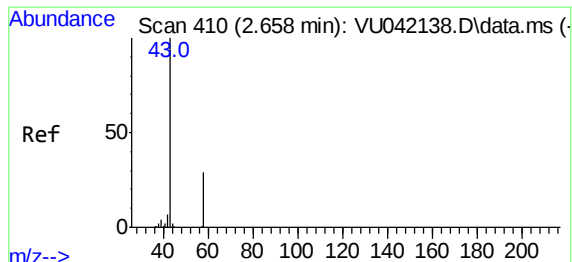
Tgt Ion:101 Resp: 444
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.07 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU042149.D
 Acq: 21 Jan 2021 14:36

Tgt Ion: 96 Resp: 545
 Ion Ratio Lower Upper
 96 100
 61 1432.2 126.2 234.4#
 63 11478.9 77.8 144.4#

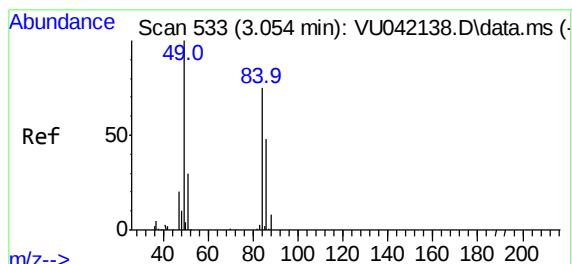
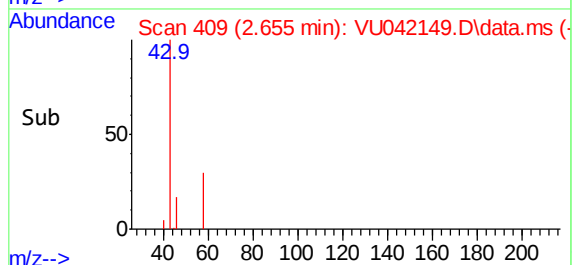
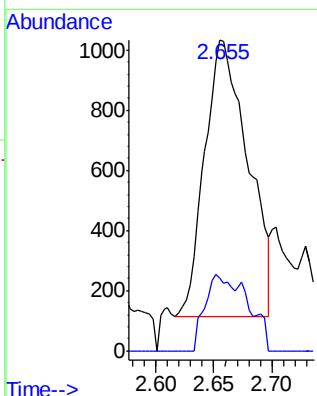
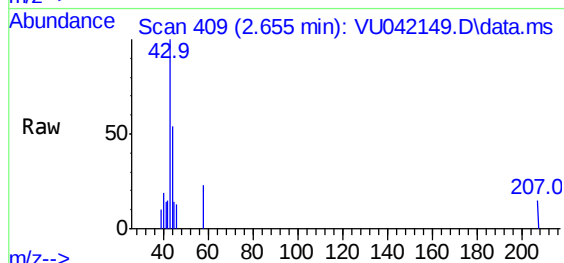




#13
Acetone
Concen: 1.40 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.003 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

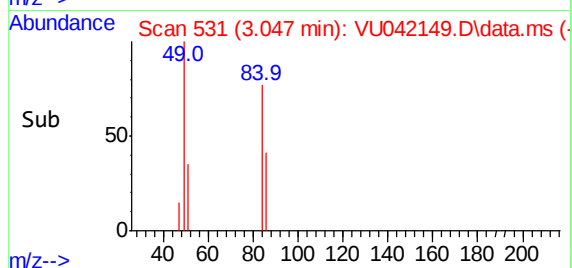
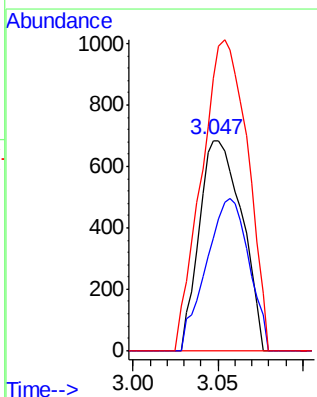
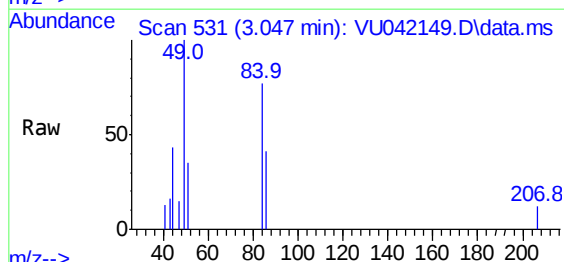
Instrument :
MSVOA_U
ClientSampleId :
F1E23DL

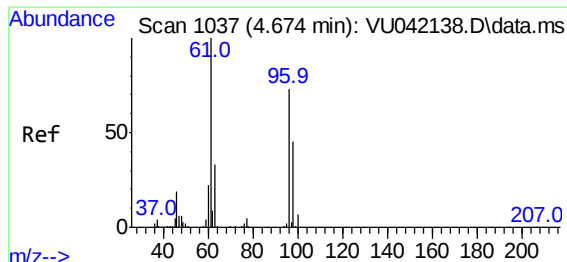
Tgt Ion: 43 Resp: 2399
Ion Ratio Lower Upper
43 100
58 17.3 0.0 55.8



#16
Methylene chloride
Concen: 0.14 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.006 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

Tgt Ion: 84 Resp: 1194
Ion Ratio Lower Upper
84 100
86 53.3 44.1 81.9
49 129.3 95.0 176.4



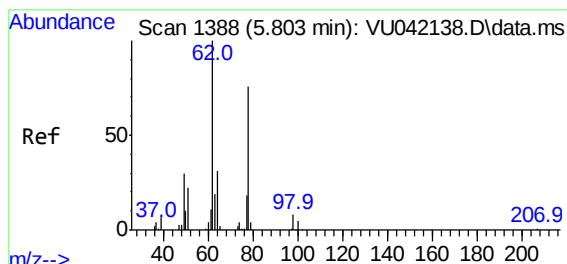
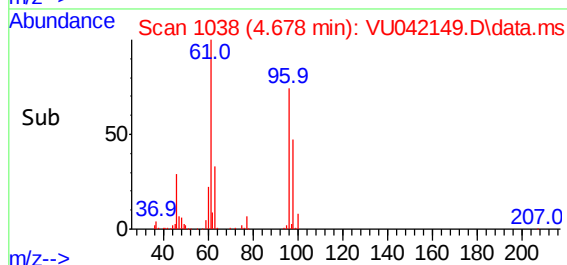
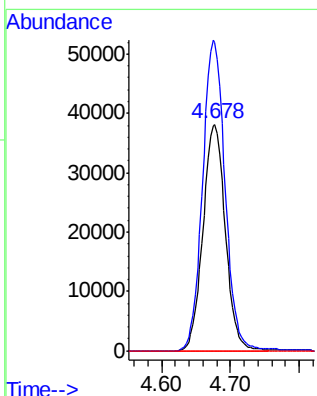
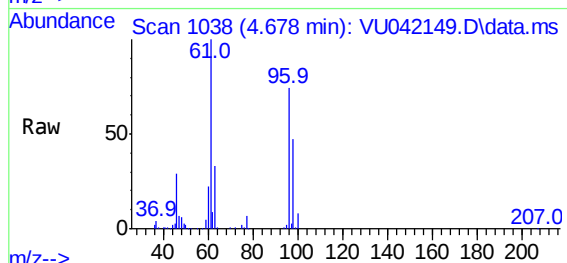


#22
 cis-1,2-Dichloroethene
 Concen: 10.24 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU042149.D
 Acq: 21 Jan 2021 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E23DL

Tgt Ion: 96 Resp: 85893

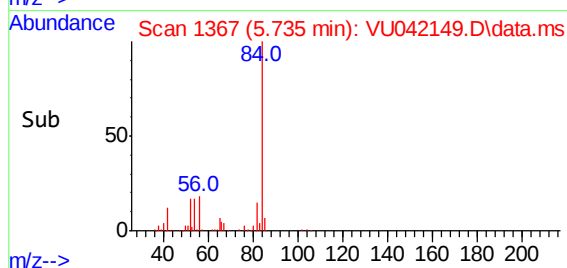
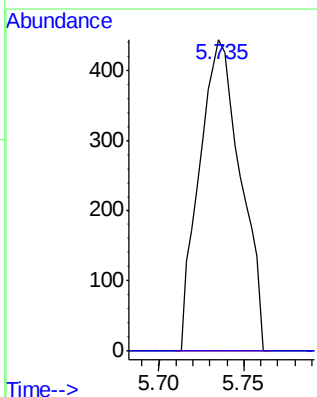
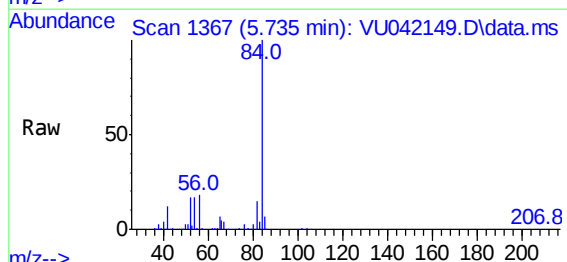
Ion	Ratio	Lower	Upper
96	100		
61	135.8	97.8	181.6
68	0.0	0.0	0.0

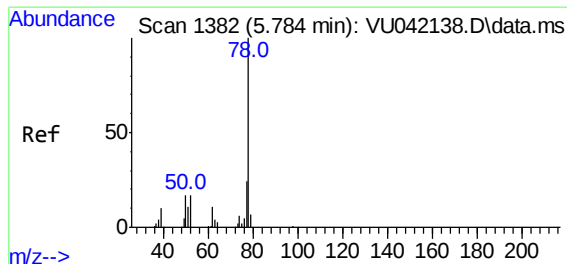


#27
 1,2-Dichloroethane
 Concen: 0.07 ug/L
 RT: 5.735 min Scan# 1367
 Delta R.T. -0.068 min
 Lab File: VU042149.D
 Acq: 21 Jan 2021 14:36

Tgt Ion: 62 Resp: 752

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

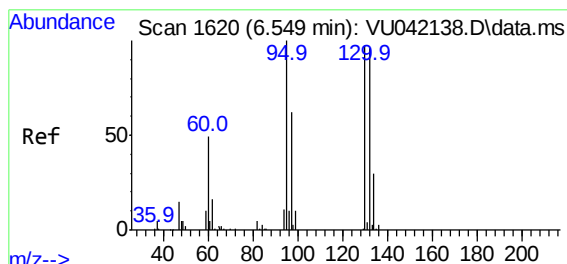
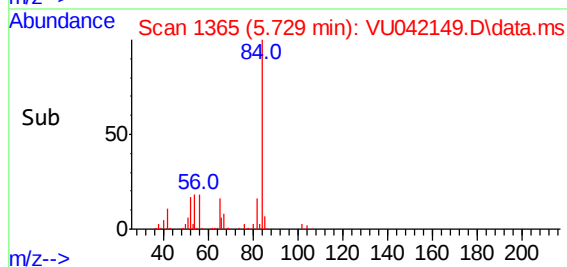
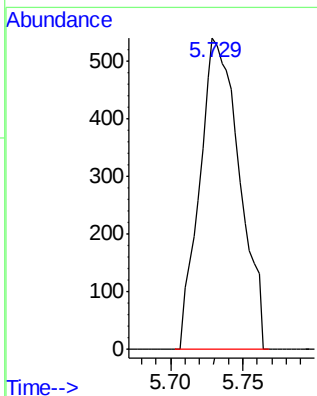
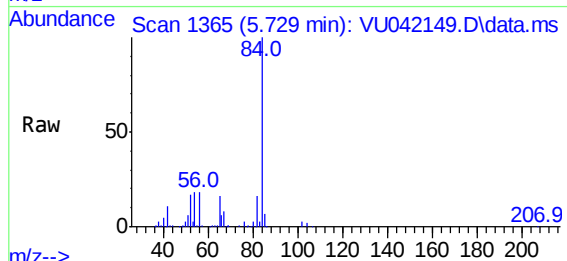




#33
Benzene
Concen: 0.04 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.055 min
Lab File: VU042149.D
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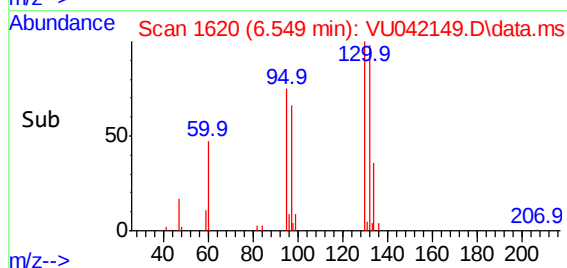
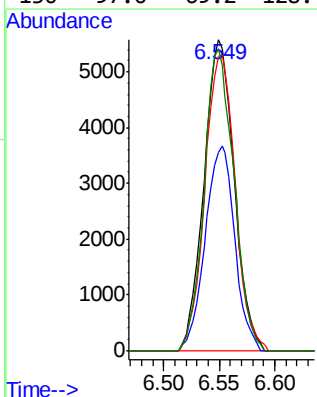
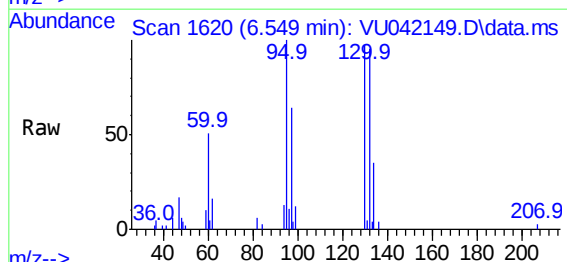
Tgt Ion: 78 Resp: 1032

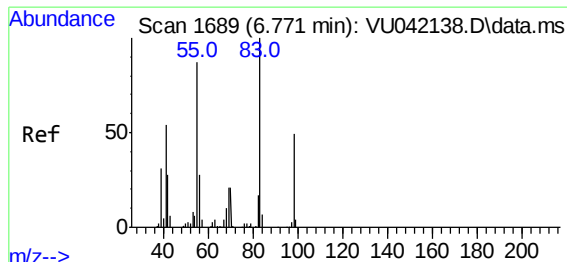


#34
Trichloroethene
Concen: 1.33 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

Tgt Ion: 95 Resp: 10516

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.4	82.4
132	94.7	68.0	126.4
130	97.0	69.2	128.4

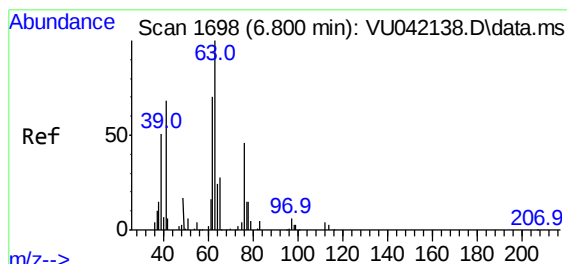
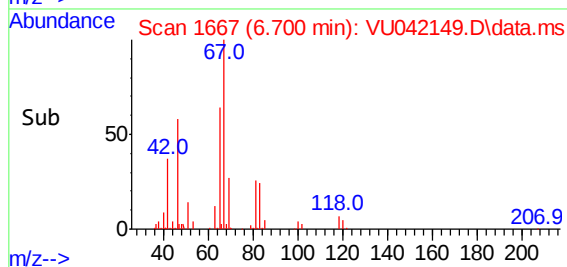
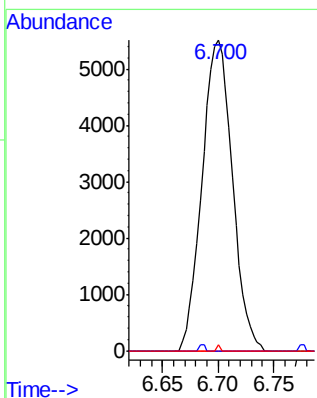
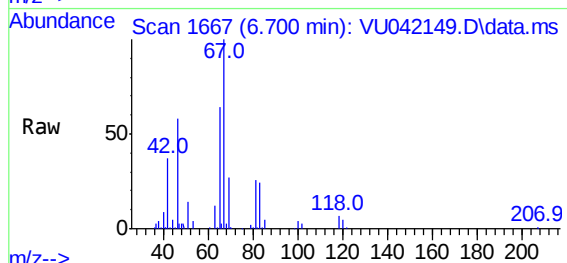




#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

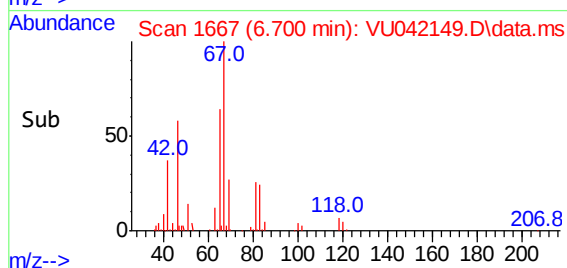
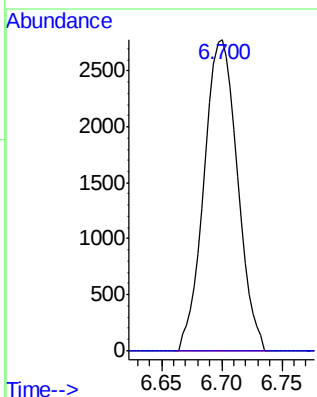
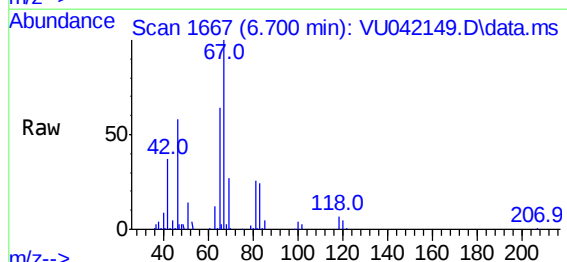
Instrument :
MSVOA_U
ClientSampleId :
F1E23DL

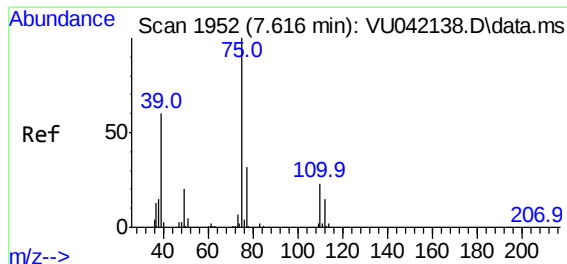
Tgt Ion: 83 Resp: 10470
Ion Ratio Lower Upper
83 100
55 0.4 68.2 102.4#
98 6.9 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

Tgt Ion: 63 Resp: 5233
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

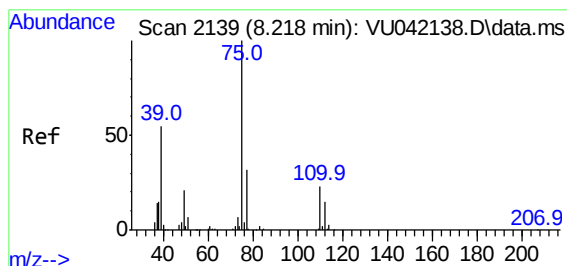
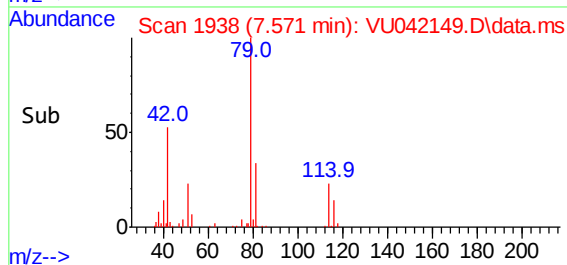
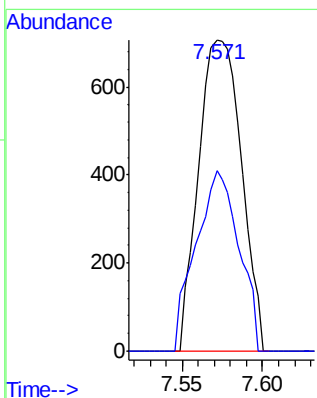
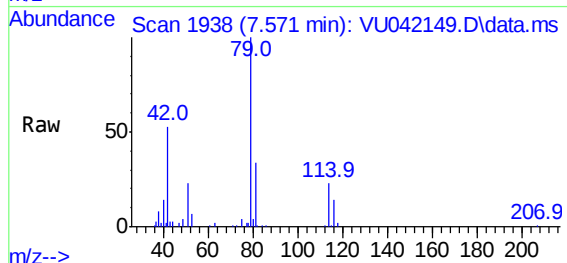




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

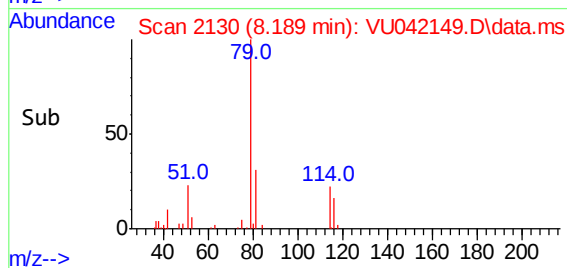
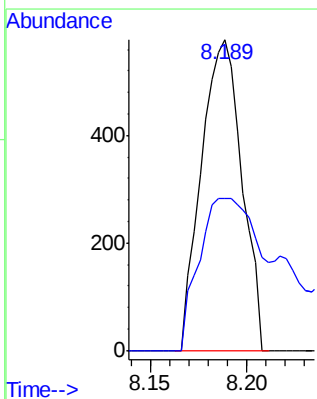
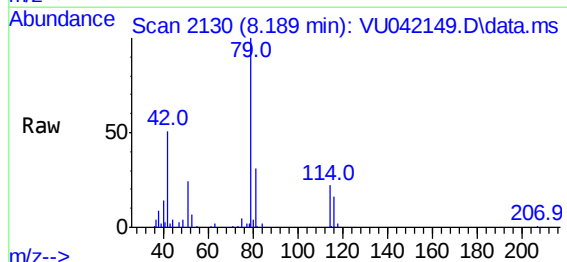
Instrument :
MSVOA_U
ClientSampleId :
F1E23DL

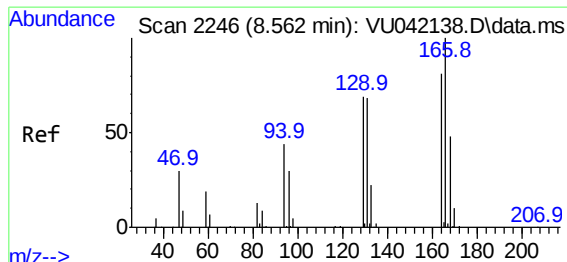
Tgt Ion: 75 Resp: 1290
Ion Ratio Lower Upper
75 100
77 57.9 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

Tgt Ion: 75 Resp: 843
Ion Ratio Lower Upper
75 100
77 49.0 21.8 40.4#



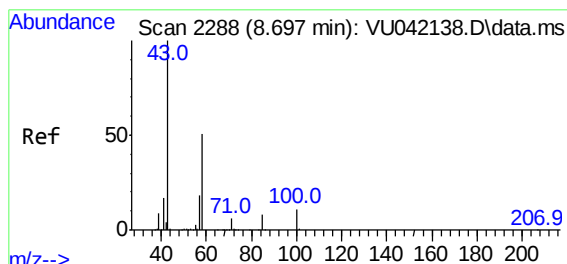
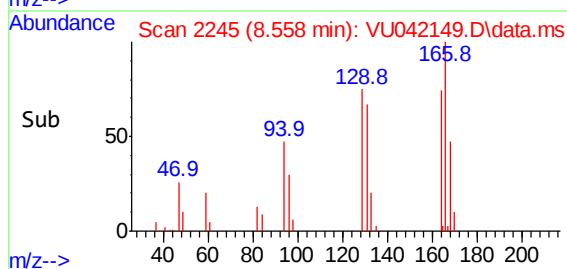
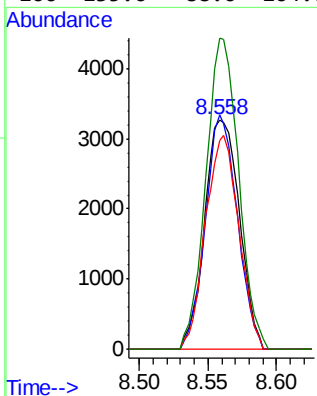
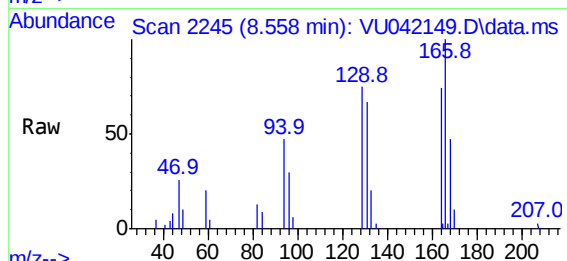


#47
Tetrachloroethene
Concen: 0.86 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

Instrument :
MSVOA_U
ClientSampleId :
F1E23DL

Tgt Ion:164 Resp: 5695

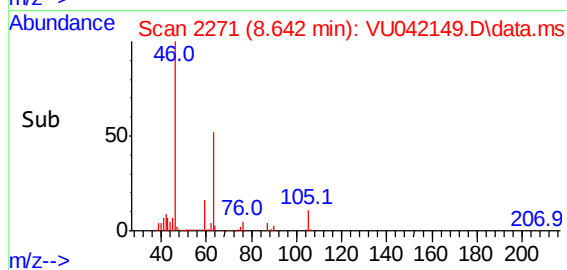
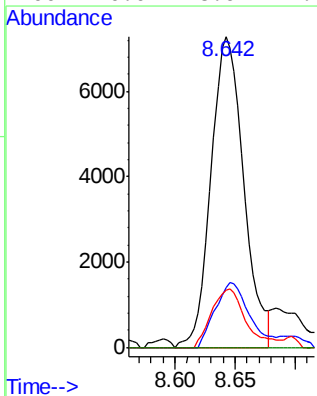
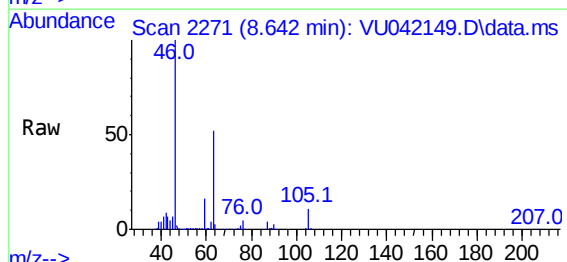
Ion	Ratio	Lower	Upper
164	100		
129	102.0	64.3	119.5
131	91.1	62.2	115.6
166	135.6	88.6	164.6

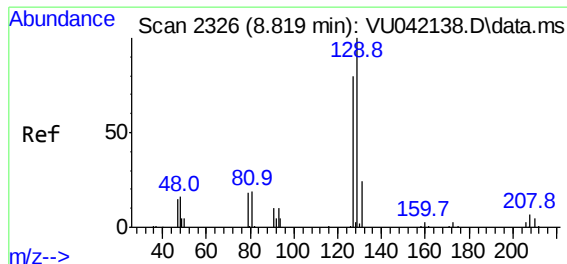


#48
2-Hexanone
Concen: 2.93 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.055 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

Tgt Ion: 43 Resp: 13491

Ion	Ratio	Lower	Upper
43	100		
58	22.1	40.6	61.0#
57	19.8	14.9	22.3
100	0.0	8.6	12.8#

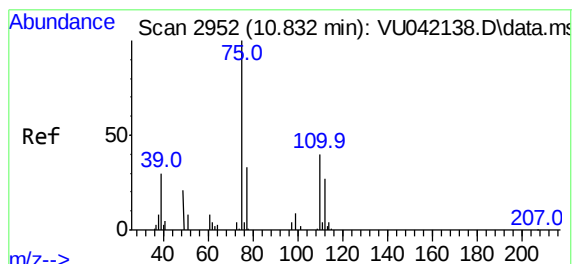
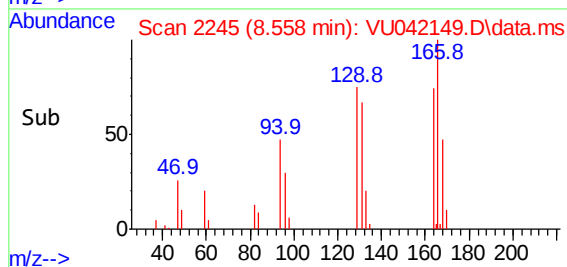
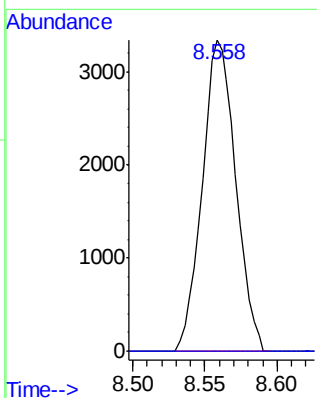
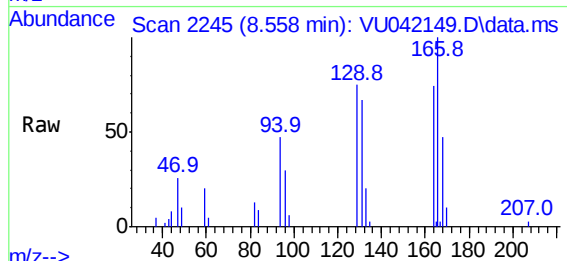




#49
Dibromochloromethane
Concen: 0.70 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

Instrument :
MSVOA_U
ClientSampleId :
F1E23DL

Tgt Ion:129 Resp: 5354
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.12 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042149.D
Acq: 21 Jan 2021 14:36

Tgt Ion: 75 Resp: 6111
Ion Ratio Lower Upper
75 100
77 33.2 26.0 39.0

