

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042102.D
 Acq On : 20 Jan 2021 13:43
 Operator : SY/MD
 Sample : M1164-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ2

Quant Time: Jan 21 04:20:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

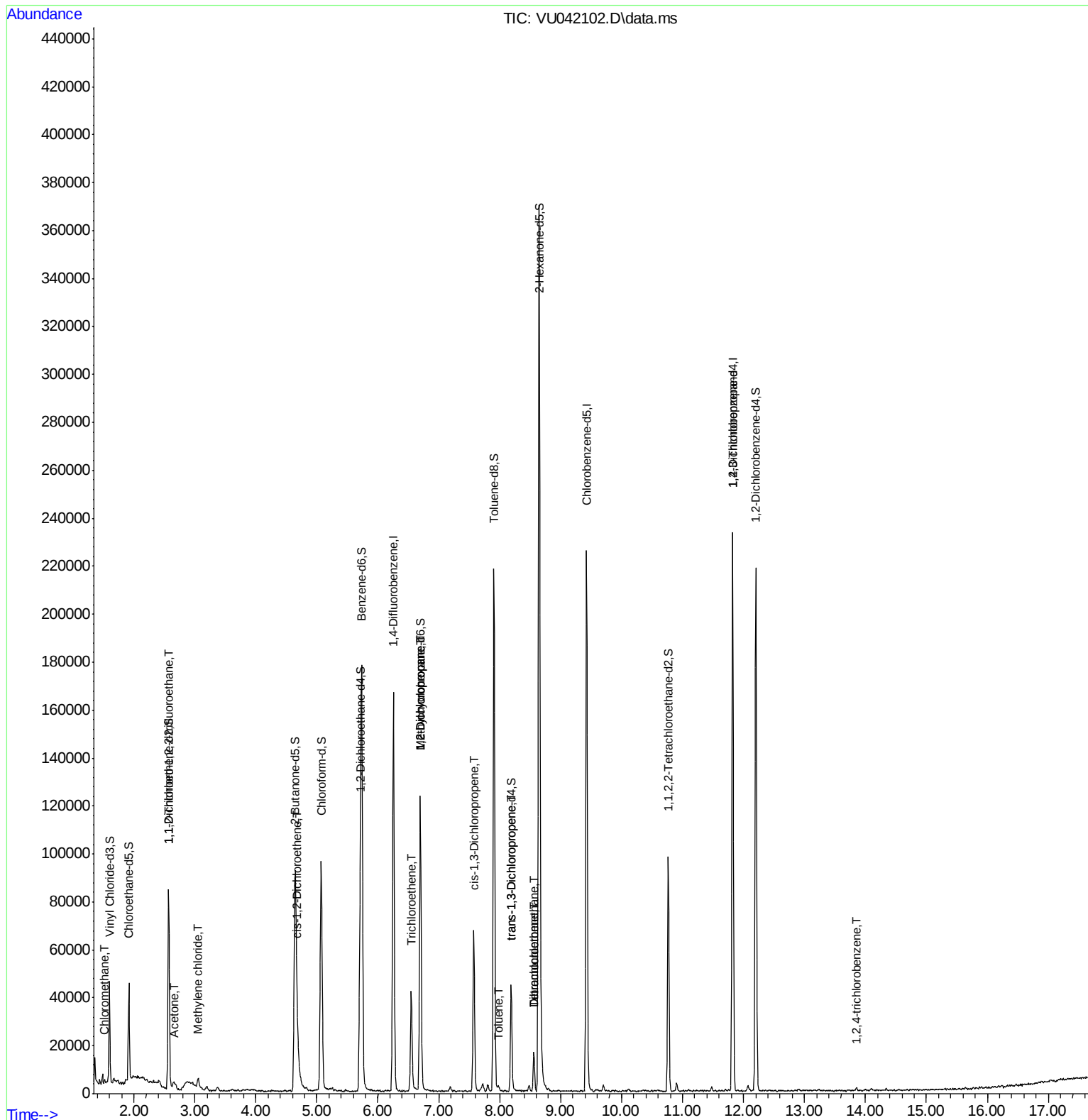
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	129961	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	120203	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	62100	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25155	3.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.00%
7) Chloroethane-d5	1.916	69	25955	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.572	63	51214	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.646	46	181322	59.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.54%
24) Chloroform-d	5.073	84	87351	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.713	65	53646	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.736	84	153211	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	54320	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.906	98	136720	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.189	79	24417	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.645	63	139386	62.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.76%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	46948	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	56336	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	717	0.07	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	446	0.05	ug/L #	18
13) Acetone	2.655	43	5765	2.83	ug/L	99
16) Methylene chloride	3.054	84	1590	0.15	ug/L	92
22) cis-1,2-Dichloroethene	4.674	96	2407	0.24	ug/L	86
34) Trichloroethene	6.549	95	13805	1.45	ug/L	98
35) Methylcyclohexane	6.700	83	13086	0.82	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	6572	0.71	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1679	0.11	ug/L #	76
42) Toluene	7.980	91	1411	0.04	ug/L	84
44) trans-1,3-Dichloropropene	8.189	75	1188	0.08	ug/L #	63
47) Tetrachloroethene	8.562	164	3726	0.47	ug/L	99
49) Dibromochloromethane	8.562	129	3291	0.36	ug/L #	12
59) 1,2,3-Trichloropropane	11.822	75	7020	1.07	ug/L	93
68) 1,2,4-trichlorobenzene	13.848	180	495	0.04	ug/L #	83

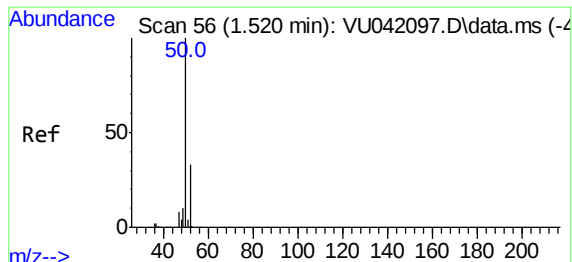
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 04:09:50 2021
Response via : Initial Calibration

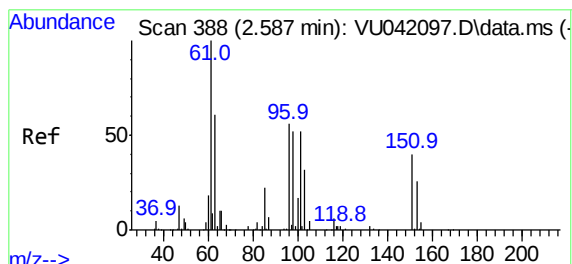
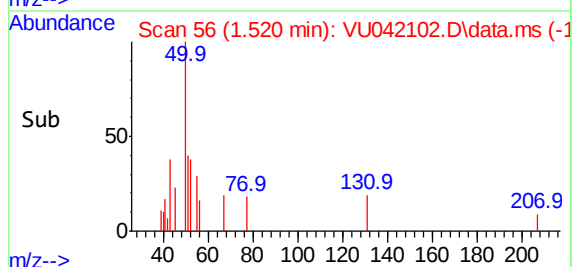
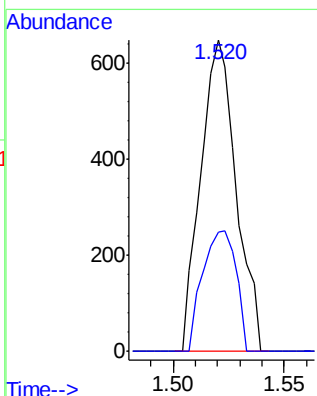
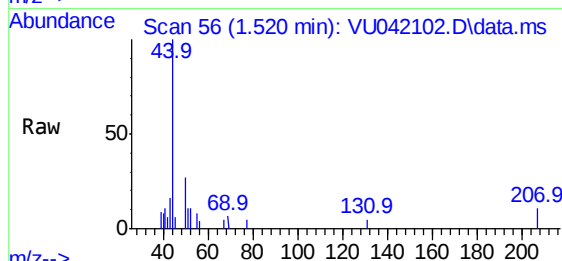




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042102.D
Acq: 20 Jan 2021 13:43

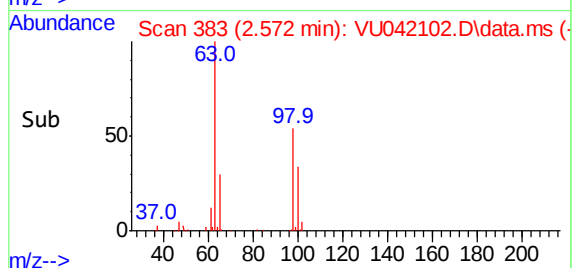
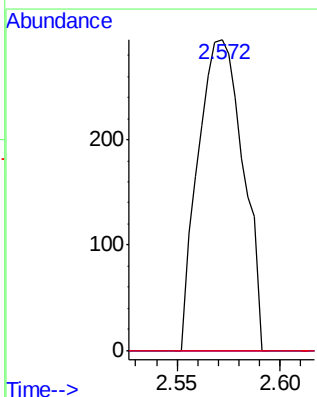
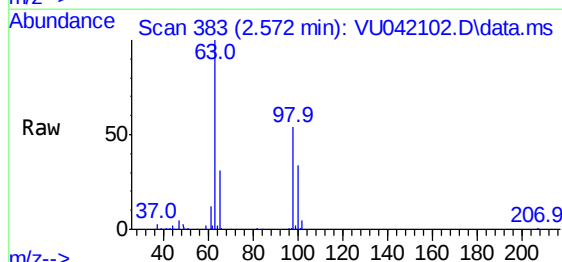
Instrument :
MSVOA_U
ClientSampleId :
BFXQ2

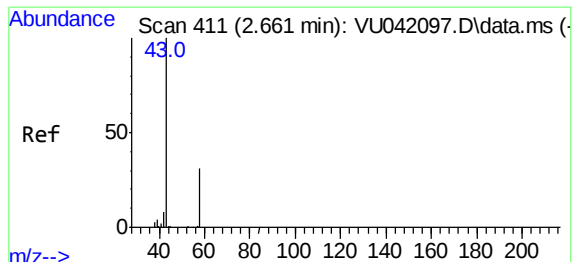
Tgt Ion: 50 Resp: 717
Ion Ratio Lower Upper
50 100
52 38.3 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042102.D
Acq: 20 Jan 2021 13:43

Tgt Ion: 101 Resp: 446
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

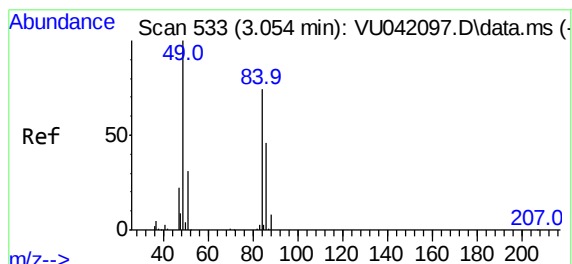
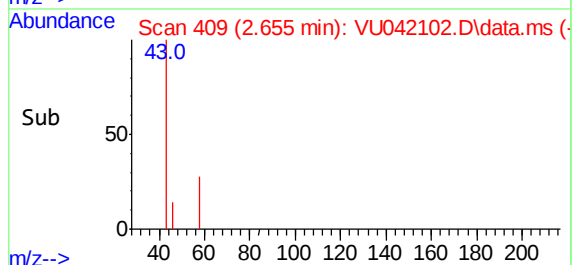
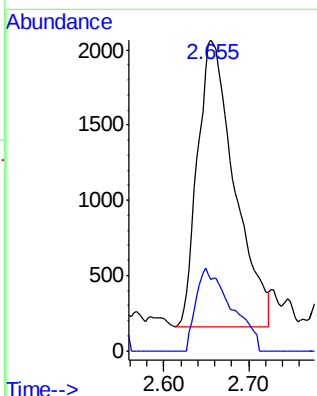
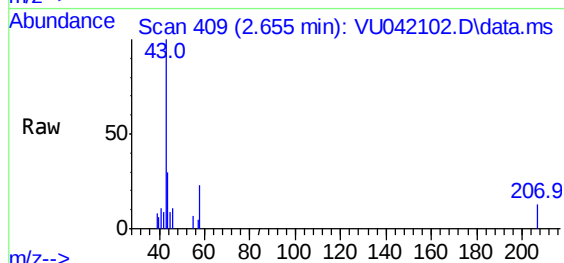




#13
Acetone
Concen: 2.83 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.006 min
Lab File: VU042102.D
Acq: 20 Jan 2021 13:43

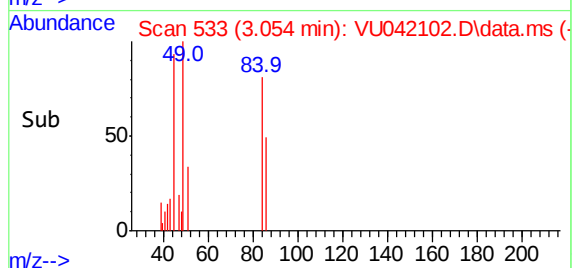
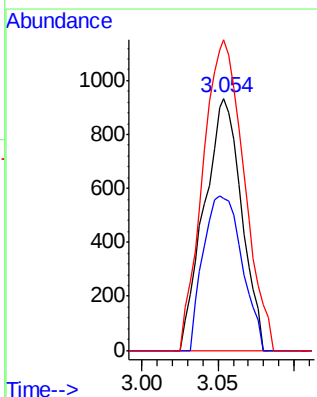
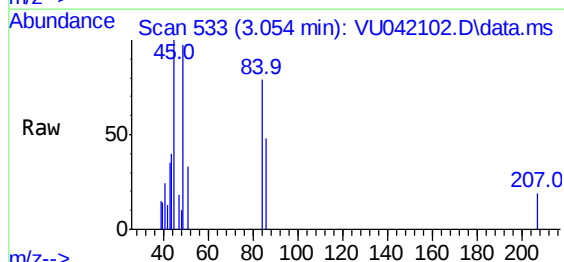
Instrument :
MSVOA_U
ClientSampleId :
BFXQ2

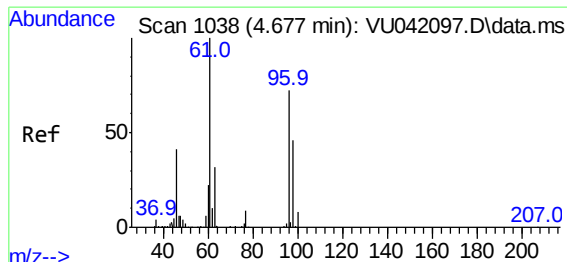
Tgt Ion: 43 Resp: 5765
Ion Ratio Lower Upper
43 100
58 27.4 0.0 55.8



#16
Methylene chloride
Concen: 0.15 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042102.D
Acq: 20 Jan 2021 13:43

Tgt Ion: 84 Resp: 1590
Ion Ratio Lower Upper
84 100
86 60.2 44.1 81.9
49 123.1 95.0 176.4



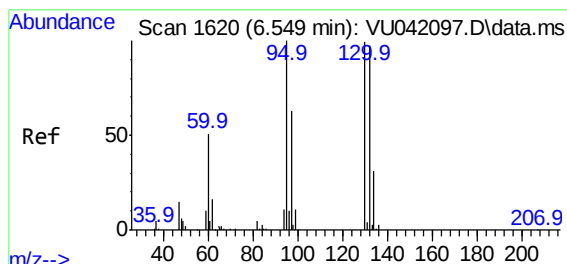
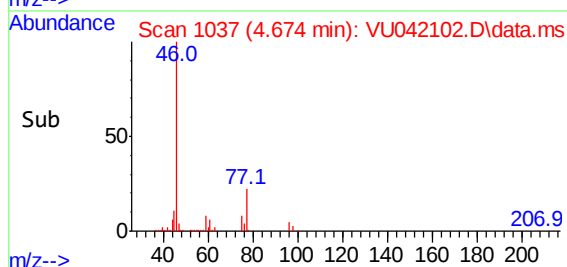
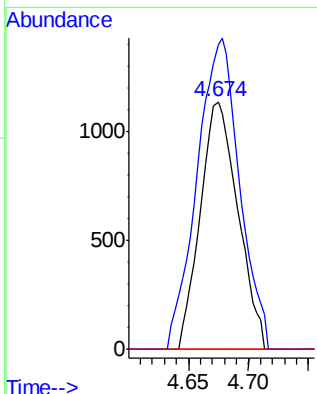
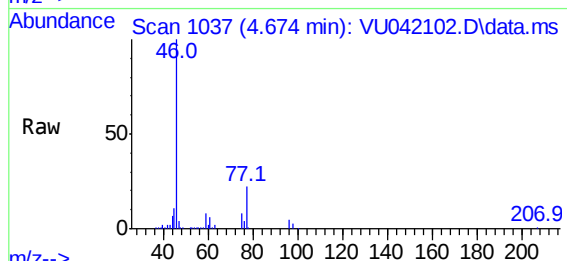


#22
 cis-1,2-Dichloroethene
 Concen: 0.24 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU042102.D
 Acq: 20 Jan 2021 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ2

Tgt Ion: 96 Resp: 2407

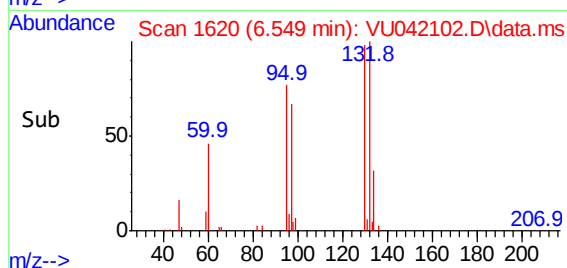
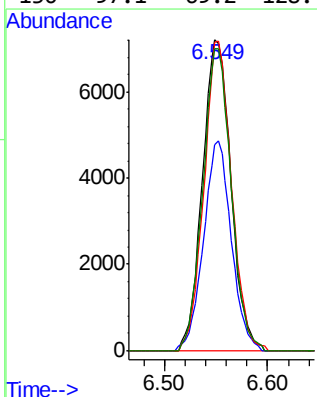
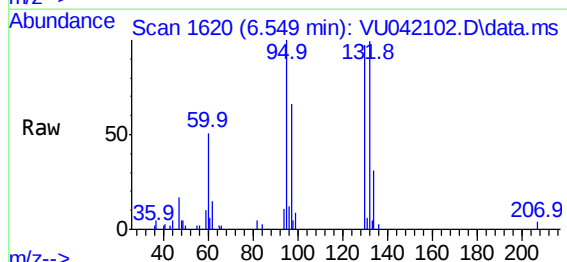
Ion	Ratio	Lower	Upper
96	100		
61	123.0	97.8	181.6
68	0.0	0.0	0.0

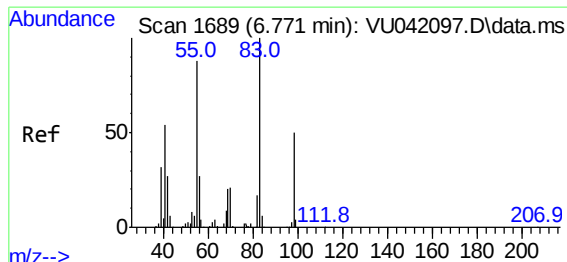


#34
 Trichloroethene
 Concen: 1.45 ug/L
 RT: 6.549 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VU042102.D
 Acq: 20 Jan 2021 13:43

Tgt Ion: 95 Resp: 13805

Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.4	82.4
132	99.3	68.0	126.4
130	97.1	69.2	128.4

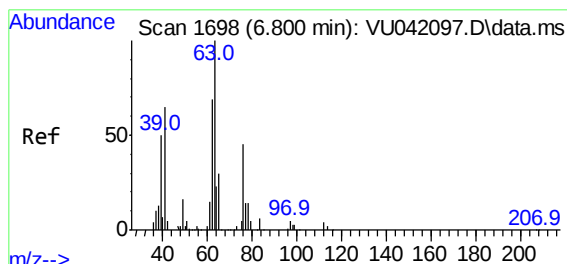
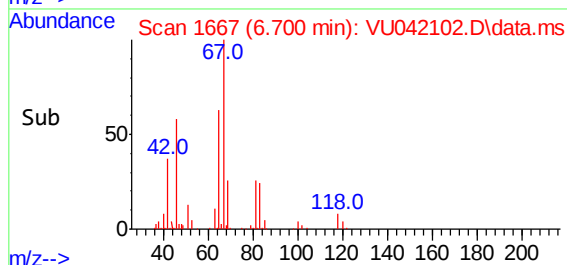
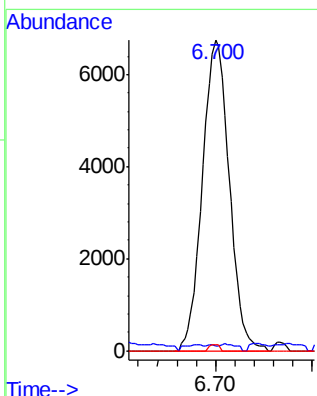
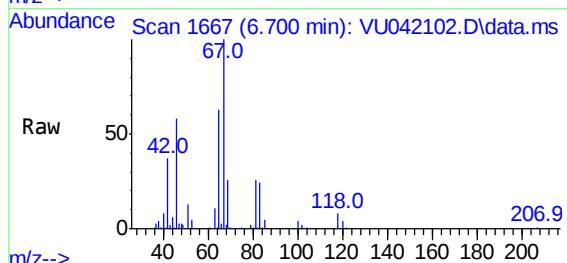




#35
Methylcyclohexane
Concen: 0.82 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042102.D
Acq: 20 Jan 2021 13:43

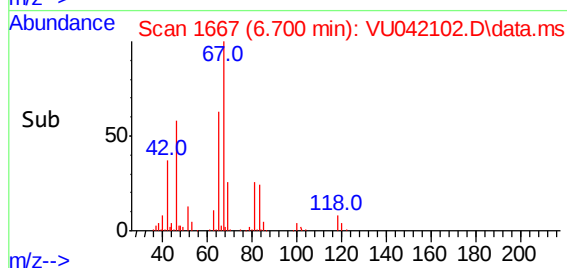
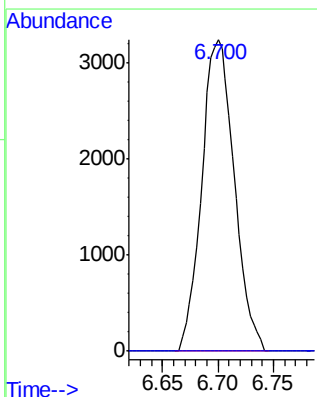
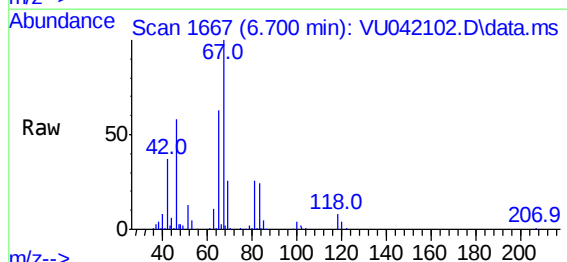
Instrument :
MSVOA_U
ClientSampleId :
BFXQ2

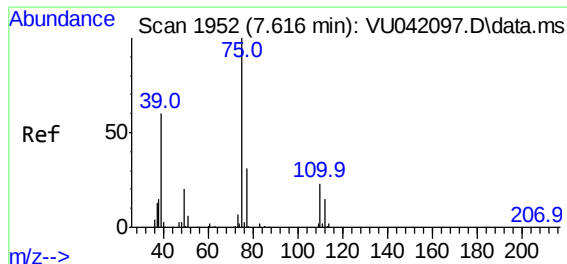
Tgt Ion: 83 Resp: 13086
Ion Ratio Lower Upper
83 100
55 0.5 68.2 102.4#
98 0.7 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042102.D
Acq: 20 Jan 2021 13:43

Tgt Ion: 63 Resp: 6572
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

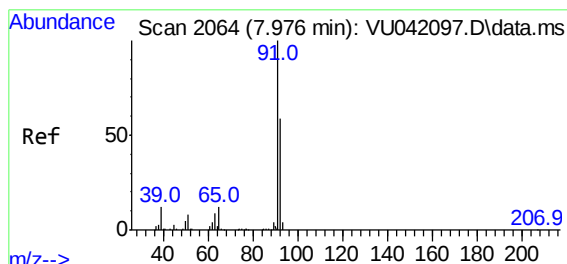
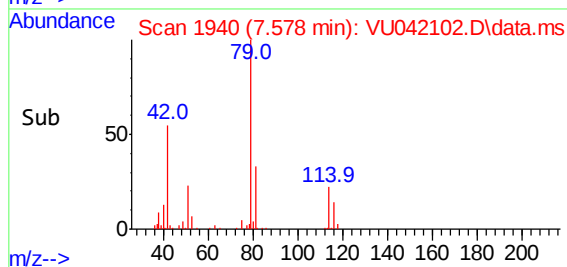
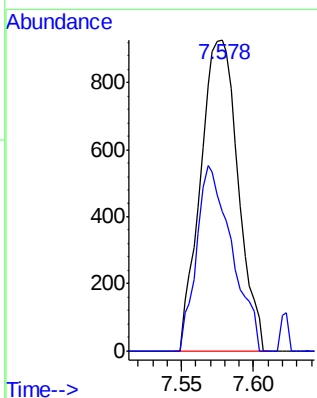
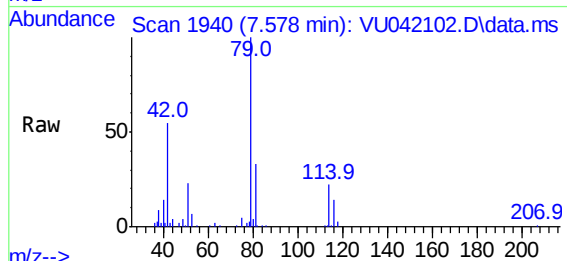




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.578 min Scan# 1940
 Delta R.T. -0.038 min
 Lab File: VU042102.D
 Acq: 20 Jan 2021 13:43

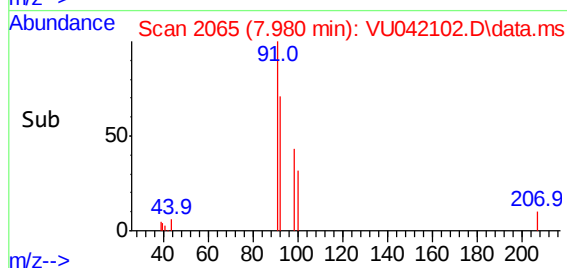
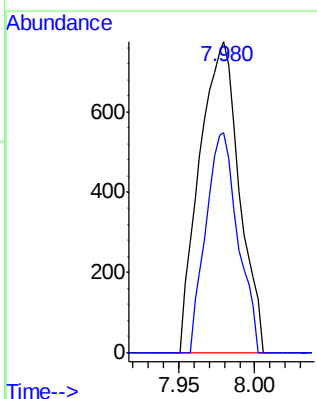
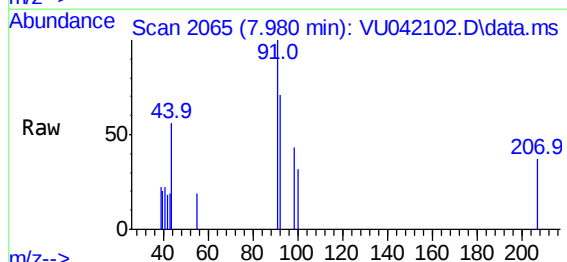
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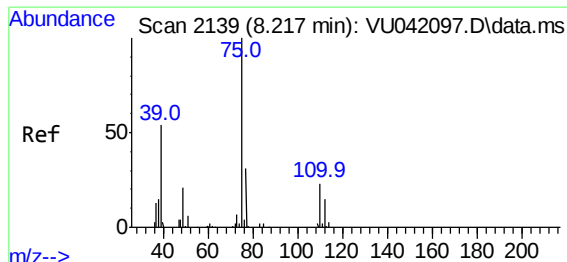
Tgt Ion: 75 Resp: 1679
 Ion Ratio Lower Upper
 75 100
 77 44.8 22.0 40.8#



#42
 Toluene
 Concen: 0.04 ug/L
 RT: 7.980 min Scan# 2065
 Delta R.T. 0.003 min
 Lab File: VU042102.D
 Acq: 20 Jan 2021 13:43

Tgt Ion: 91 Resp: 1411
 Ion Ratio Lower Upper
 91 100
 92 70.8 41.2 76.6



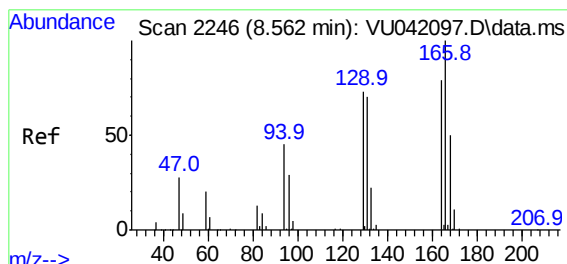
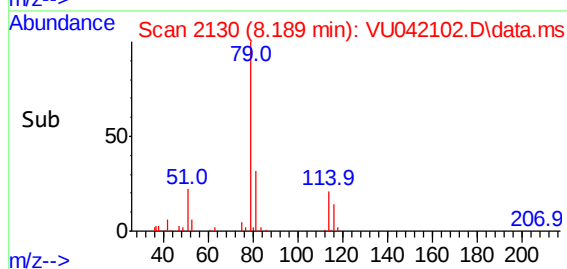
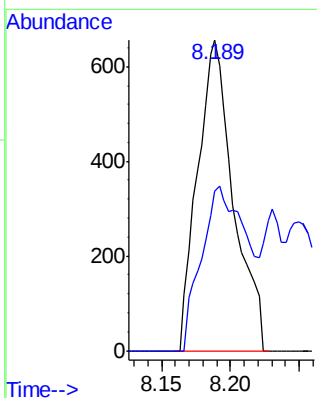
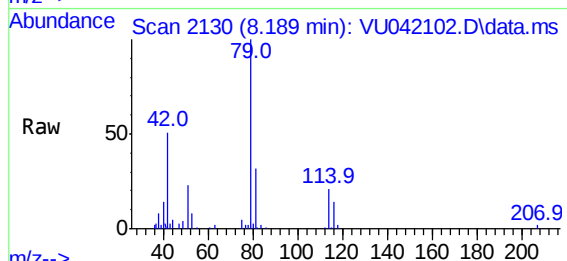


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042102.D
Acq: 20 Jan 2021 13:43

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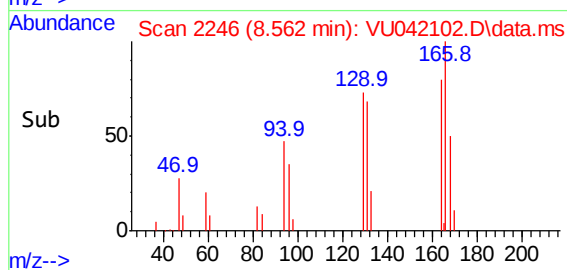
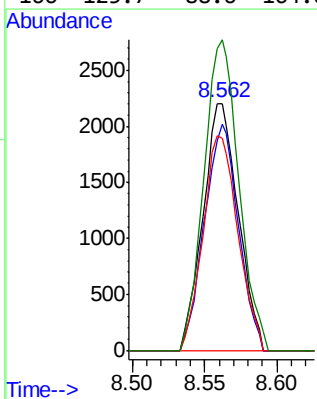
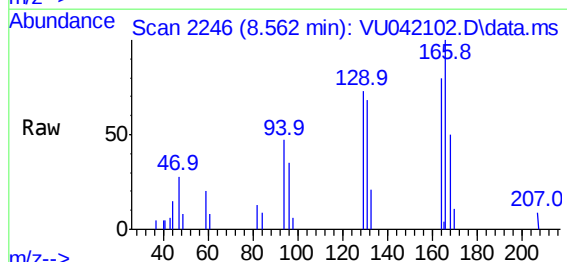
Tgt Ion: 75 Resp: 1188
Ion Ratio Lower Upper
75 100
77 51.5 21.8 40.4#

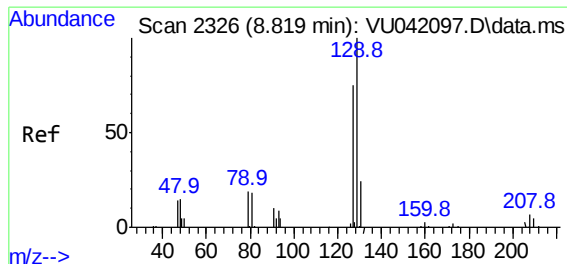


#47

Tetrachloroethene
Concen: 0.47 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042102.D
Acq: 20 Jan 2021 13:43

Tgt Ion:164 Resp: 3726
Ion Ratio Lower Upper
164 100
129 91.4 64.3 119.5
131 86.1 62.2 115.6
166 125.7 88.6 164.6

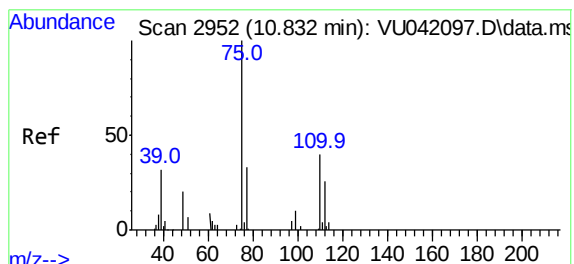
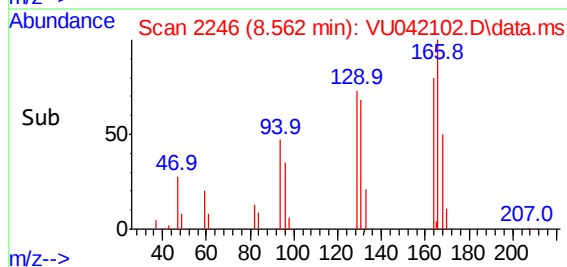
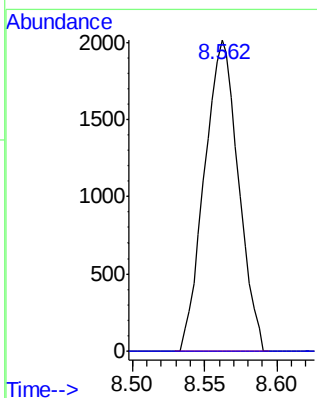
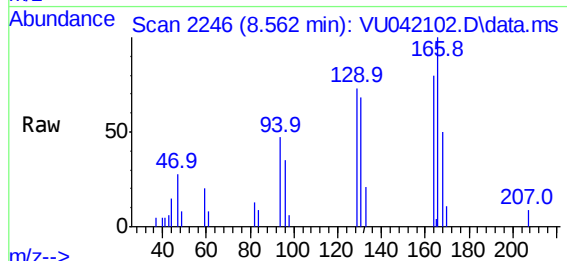




#49
Dibromochloromethane
Concen: 0.36 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042102.D
Acq: 20 Jan 2021 13:43

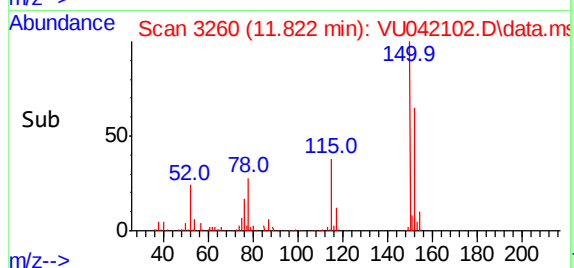
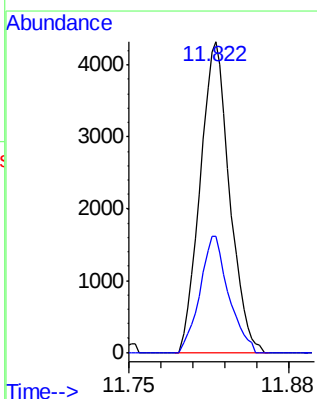
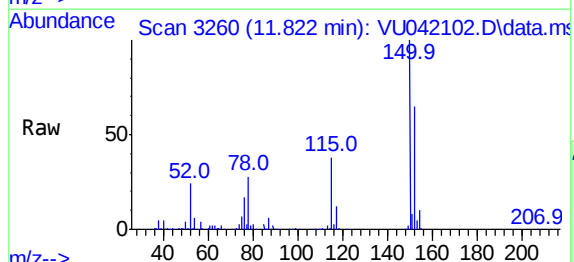
Instrument :
MSVOA_U
ClientSampleId :
BFXQ2

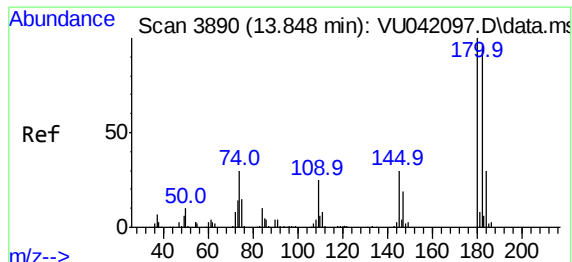
Tgt Ion:129 Resp: 3291
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.07 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.991 min
Lab File: VU042102.D
Acq: 20 Jan 2021 13:43

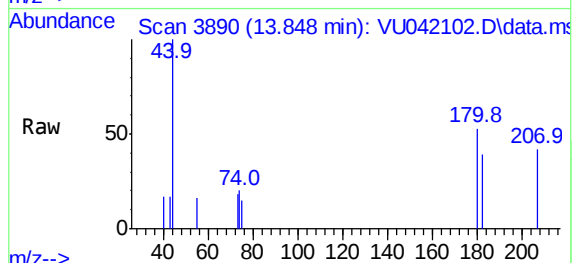
Tgt Ion: 75 Resp: 7020
Ion Ratio Lower Upper
75 100
77 36.6 26.0 39.0





#68
 1,2,4-trichlorobenzene
 Concen: 0.04 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU042102.D
 Acq: 20 Jan 2021 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXQ2



Tgt Ion:180 Resp: 495

Ion	Ratio	Lower	Upper
180	100		
182	87.9	76.3	114.5
145	4.0	23.7	35.5

