

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042717.D
 Acq On : 19 Mar 2021 13:49
 Operator : SY/MD
 Sample : M1699-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Mar 20 05:49:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 05:47:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	71298	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	72014	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	34743	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26582	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.919	69	21221	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	2.575	63	44194	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.652	46	61280	39.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.54%
24) Chloroform-d	5.073	84	50367	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.710	65	31095	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.735	84	92385	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.700	67	29470	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.906	98	84239	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	8.189	79	11860	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.648	63	60497	47.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.96%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25735	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	33918	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	437	0.07	ug/L #	64
5) Vinyl chloride	1.604	62	279	0.04	ug/L #	1
8) Chloroethane	1.941	64	130	0.03	ug/L #	43
9) Trichlorofluoromethane	2.144	101	404	0.04	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	617	0.11	ug/L #	42
12) 1,1-Dichloroethene	2.584	96	537	0.11	ug/L #	1
14) Carbon disulfide	2.800	76	715	0.04	ug/L #	75
16) Methylene chloride	3.050	84	1206	0.20	ug/L	84
27) 1,2-Dichloroethane	5.800	62	371	0.05	ug/L #	75
33) Benzene	5.780	78	1024	0.05	ug/L	100
42) Toluene	7.976	91	979	0.04	ug/L	92
48) 2-Hexanone	8.645	43	7960	2.03	ug/L #	76
51) Chlorobenzene	9.452	112	780	0.05	ug/L #	76
56) Isopropylbenzene	10.494	105	958	0.04	ug/L #	86
59) 1,2,3-Trichloropropane	11.819	75	4593	1.00	ug/L #	82
63) 1,4-Dichlorobenzene	11.841	146	629	0.05	ug/L #	86
68) 1,2,4-trichlorobenzene	13.851	180	316	0.04	ug/L #	75

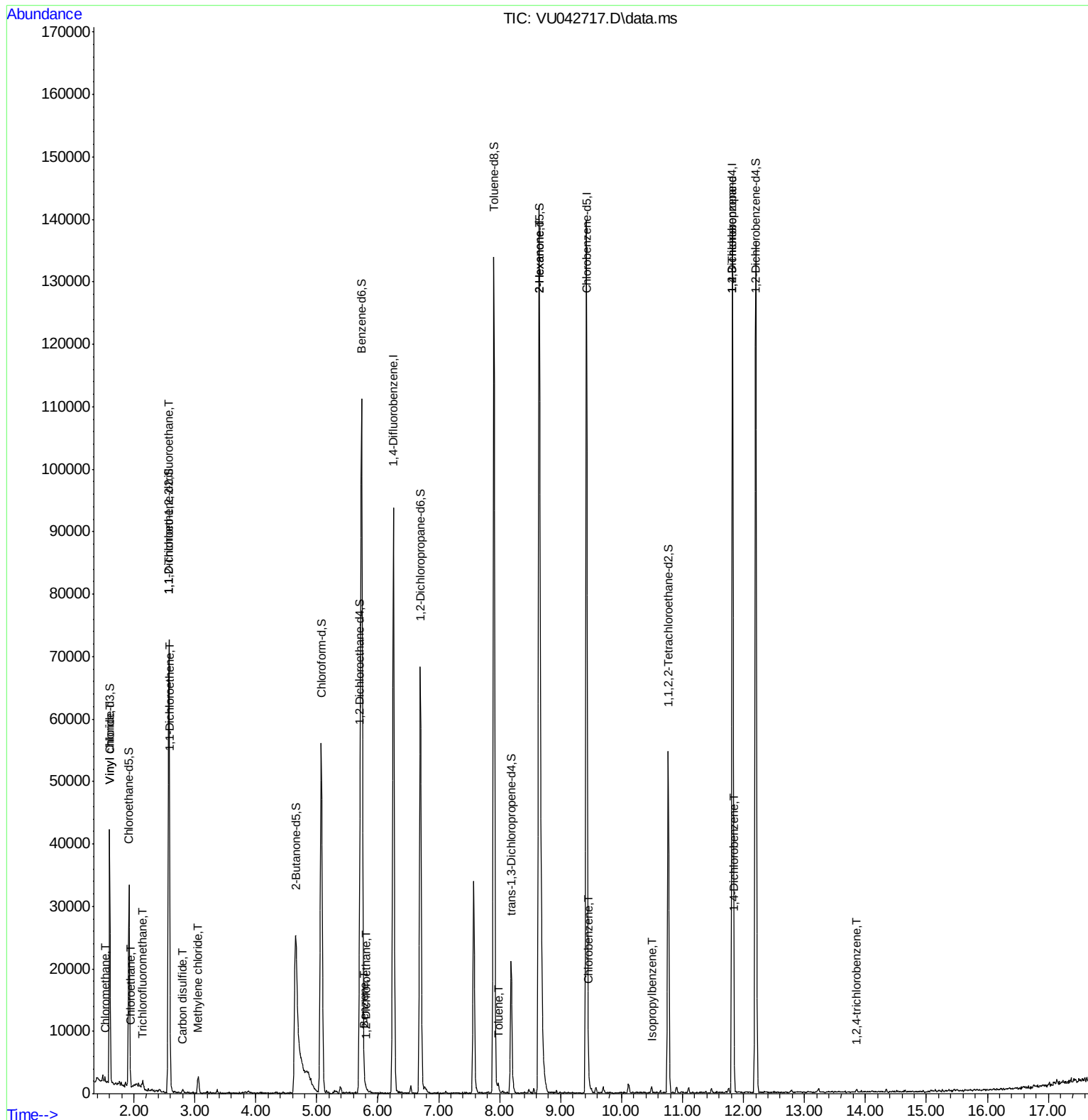
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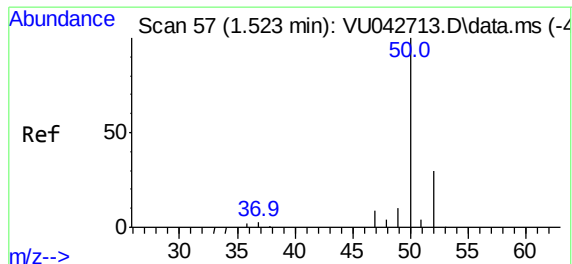
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

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Quant Title : TRACE VOA SOM01.0
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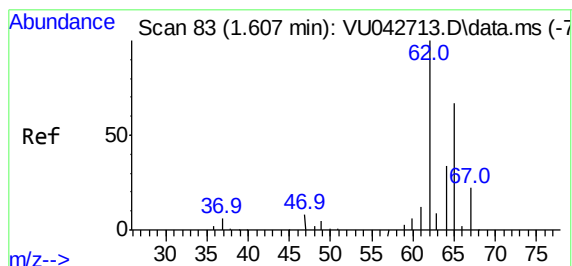
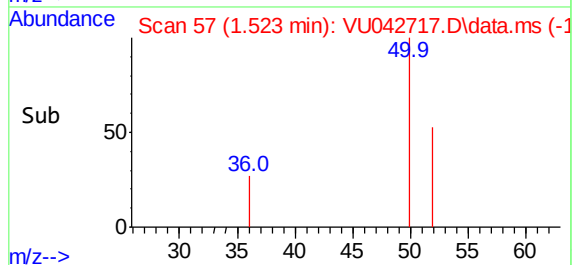
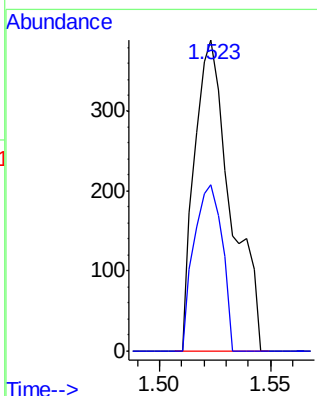
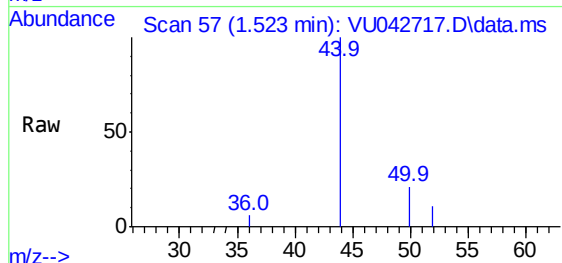




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

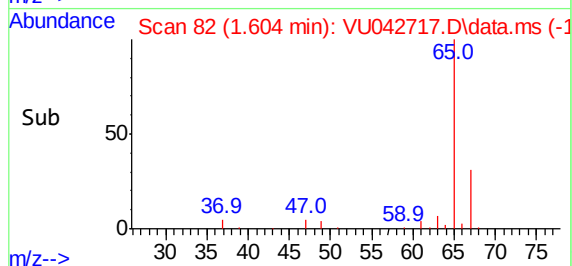
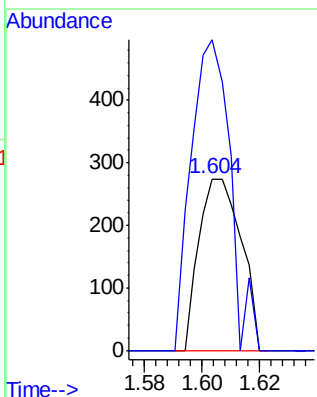
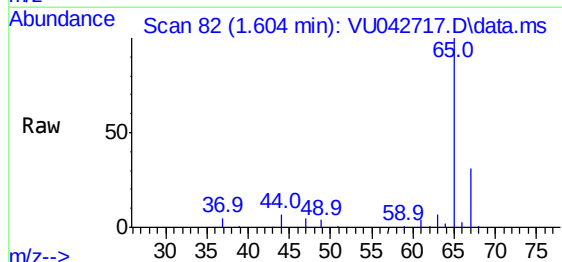
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MSVOA_U
ClientSampleId :
VHBLK01

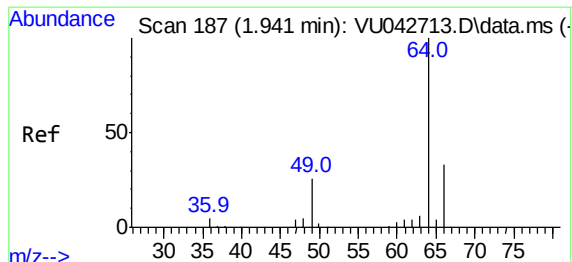
Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 53.2 23.0 42.8#



#5
Vinyl chloride
Concen: 0.04 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

Tgt Ion: 62 Resp: 279
Ion Ratio Lower Upper
62 100
64 181.4 22.7 42.1#

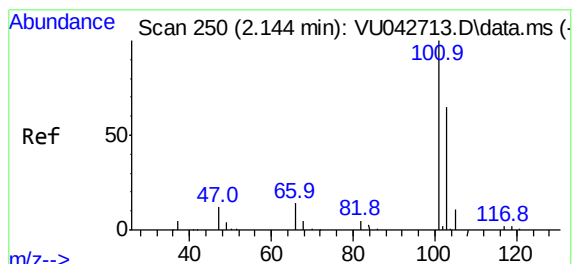
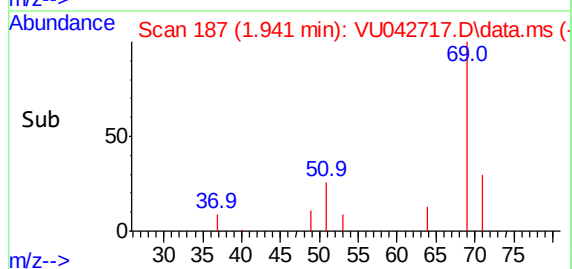
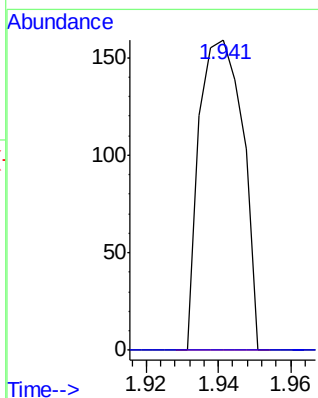
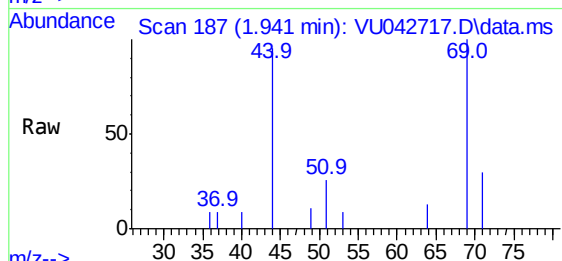




#8
Chloroethane
Concen: 0.03 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

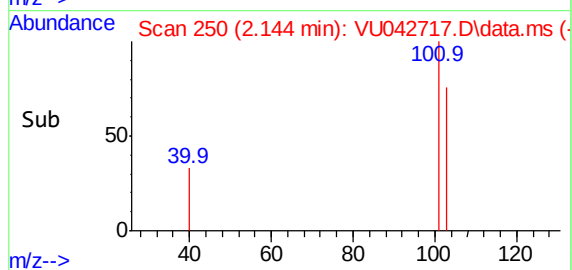
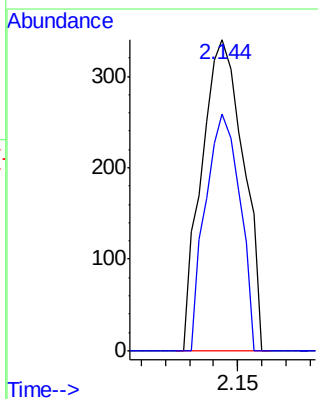
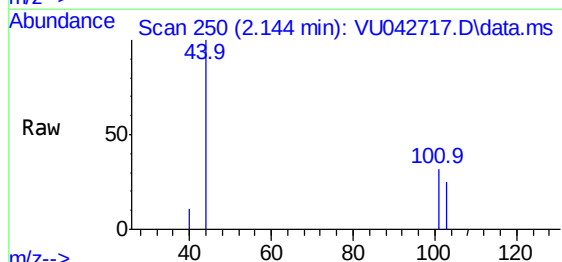
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ClientSampleId :
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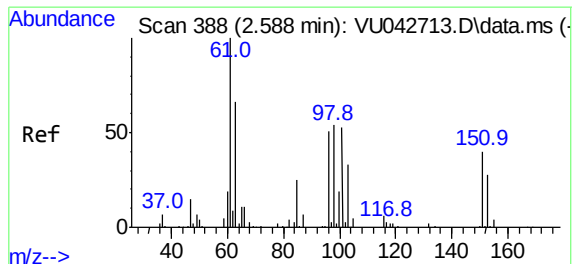
Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#



#9
Trichlorofluoromethane
Concen: 0.04 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

Tgt Ion:101 Resp: 404
Ion Ratio Lower Upper
101 100
103 62.1 51.8 77.8

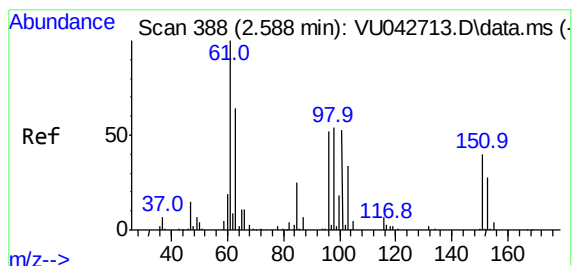
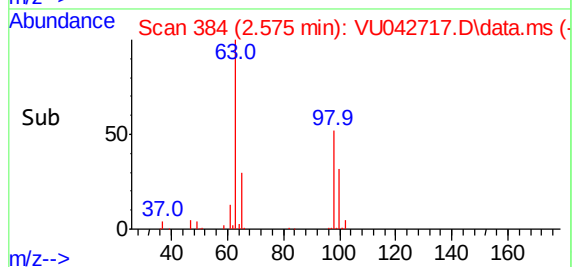
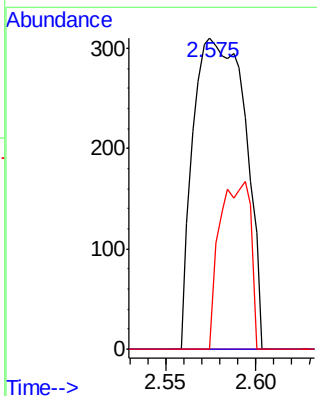
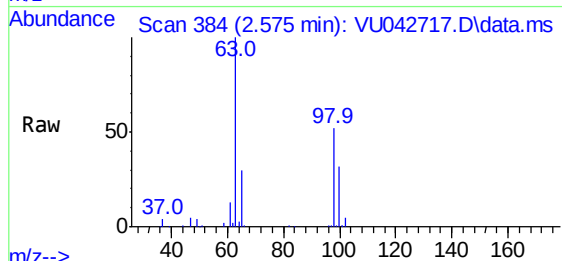




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.11 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

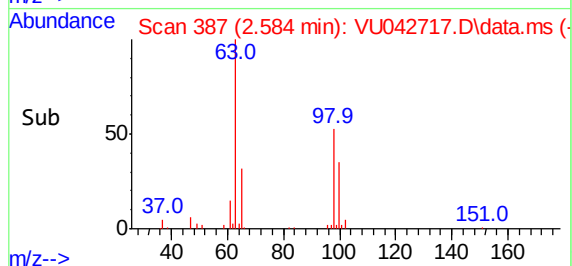
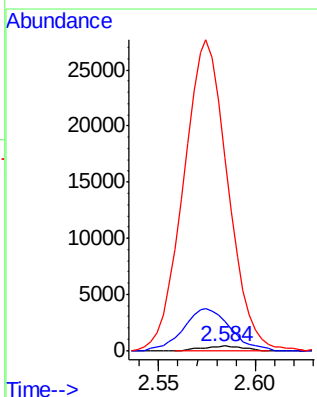
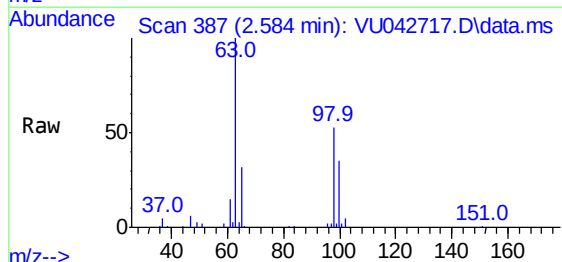
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

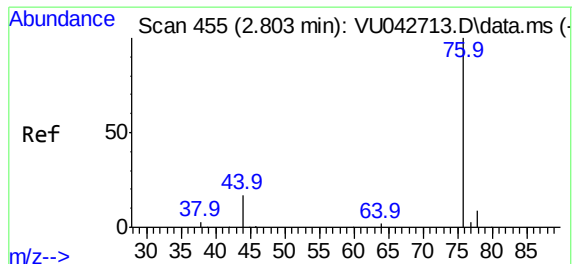
Tgt Ion:101 Resp: 617
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 31.9 62.7 94.1#



#12
1,1-Dichloroethene
Concen: 0.11 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

Tgt Ion: 96 Resp: 537
Ion Ratio Lower Upper
96 100
61 688.7 126.2 234.4#
63 4626.3 77.8 144.4#

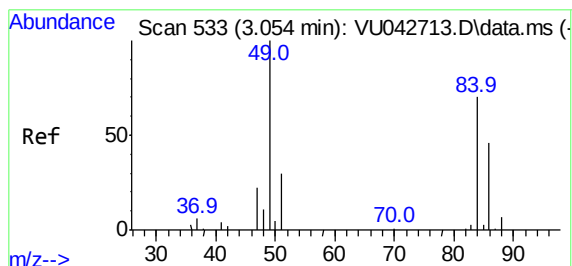
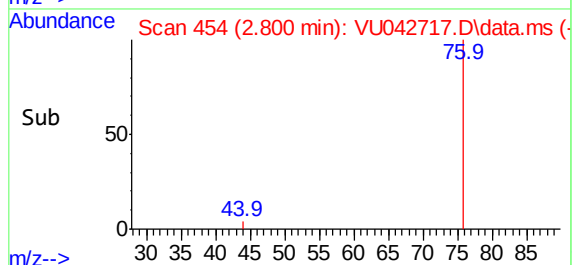
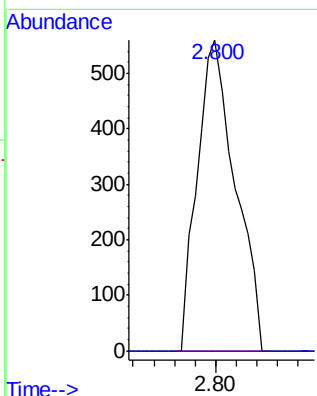
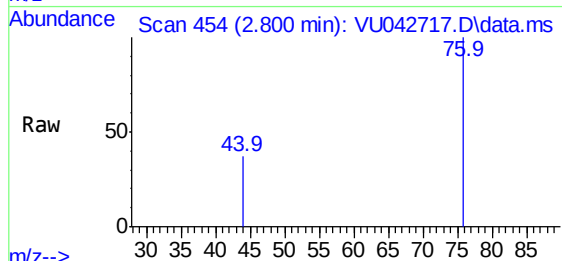




#14
Carbon disulfide
Concen: 0.04 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

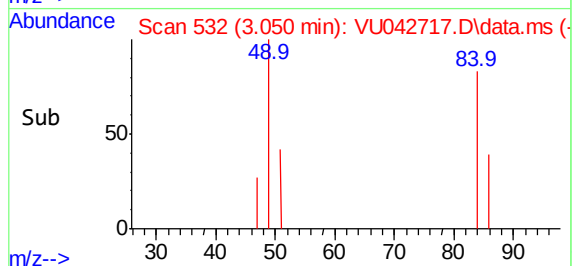
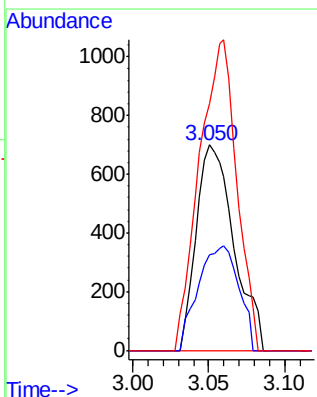
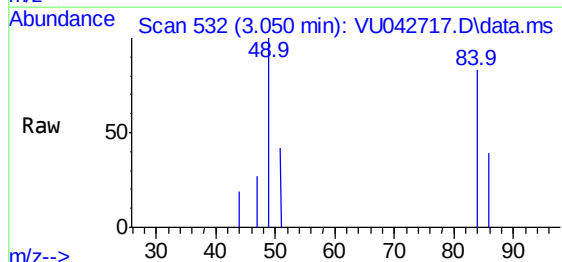
Instrument :
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ClientSampleId :
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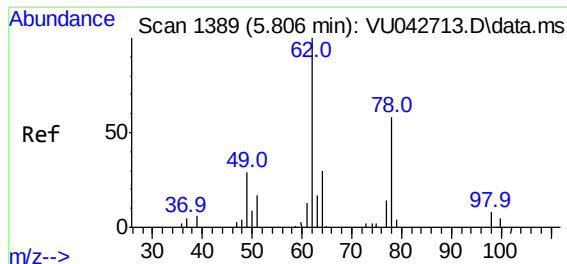
Tgt Ion: 76 Resp: 715
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#16
Methylene chloride
Concen: 0.20 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

Tgt Ion: 84 Resp: 1206
Ion Ratio Lower Upper
84 100
86 46.6 44.1 81.9
49 120.2 95.0 176.4

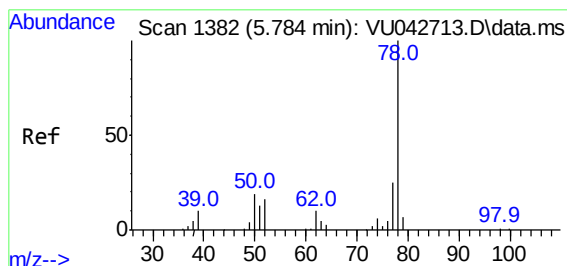
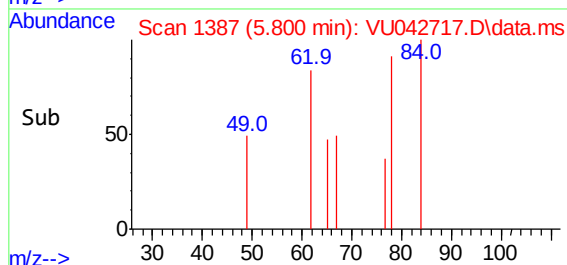
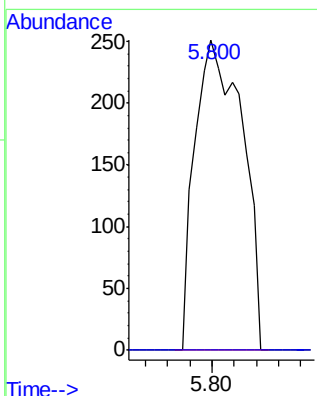
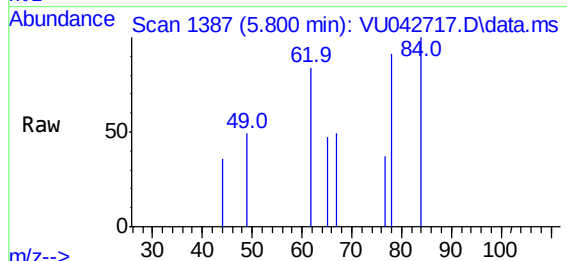




#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.007 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

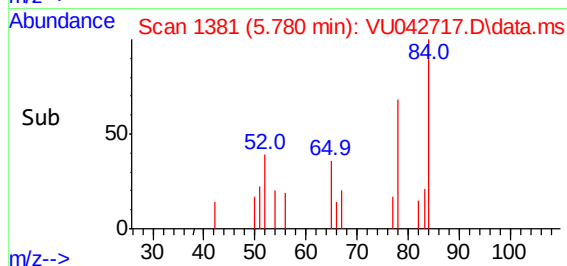
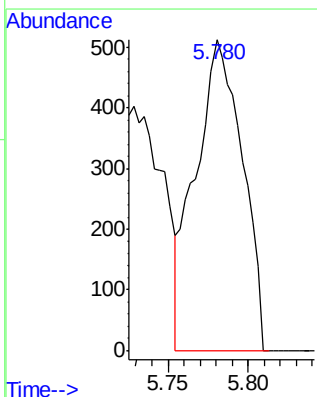
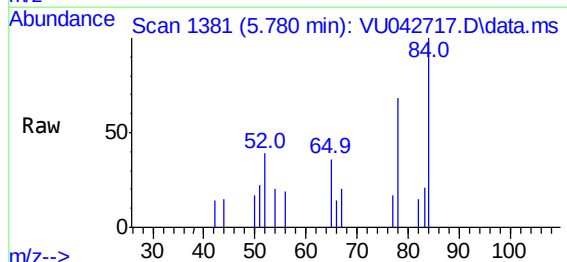
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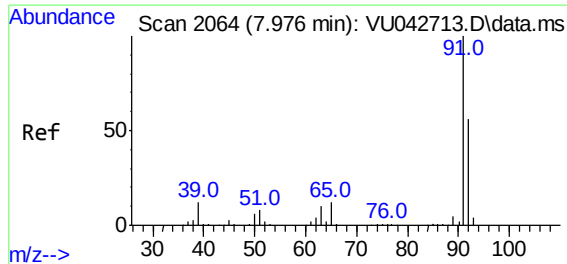
Tgt Ion: 62 Resp: 371
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.05 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

Tgt Ion: 78 Resp: 1024

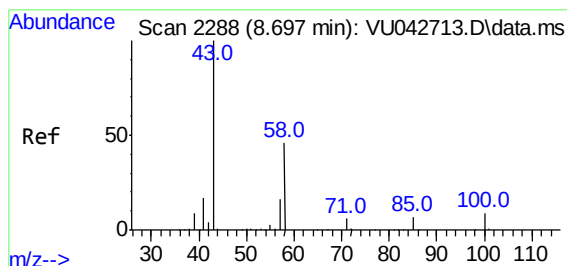
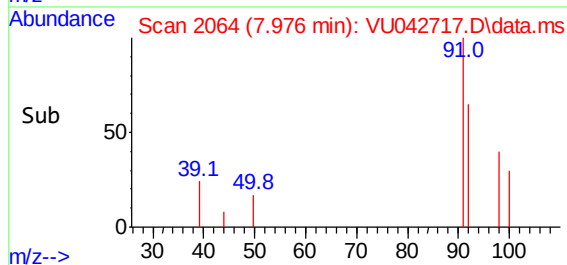
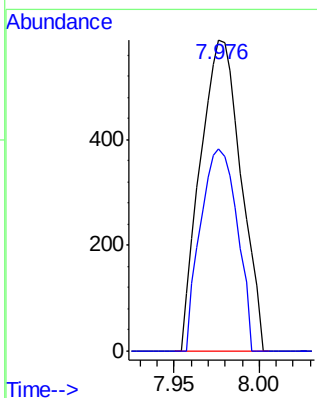
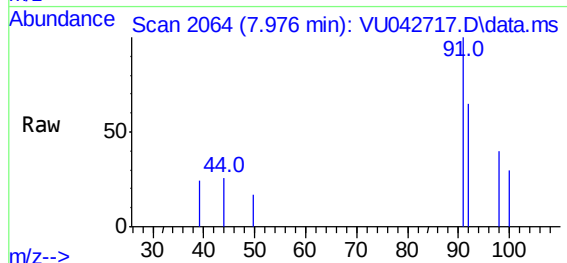




#42
Toluene
Concen: 0.04 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

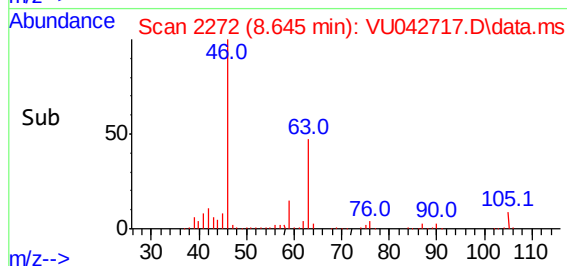
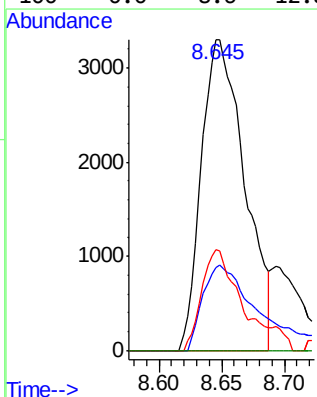
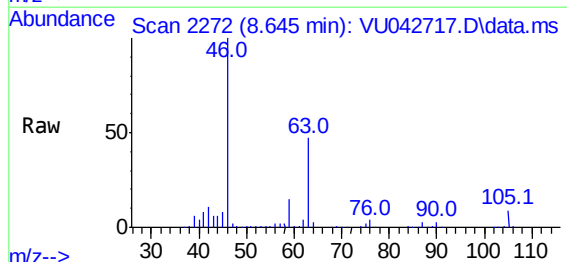
Instrument :
MSVOA_U
ClientSampled :
VHBLK01

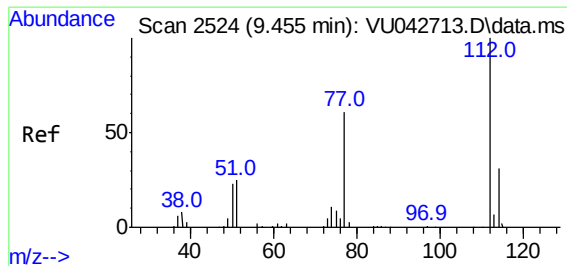
Tgt Ion: 91 Resp: 979
Ion Ratio Lower Upper
91 100
92 65.0 41.2 76.6



#48
2-Hexanone
Concen: 2.03 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

Tgt Ion: 43 Resp: 7960
Ion Ratio Lower Upper
43 100
58 34.0 40.6 61.0#
57 28.4 14.9 22.3#
100 0.0 8.6 12.8#

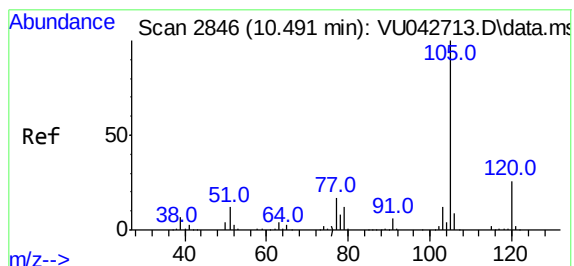
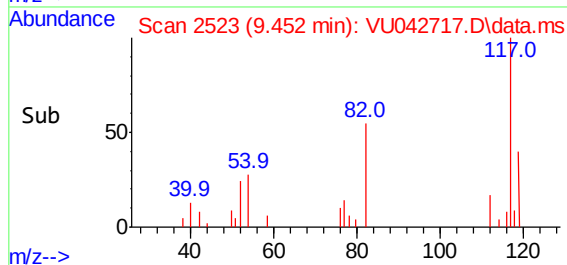
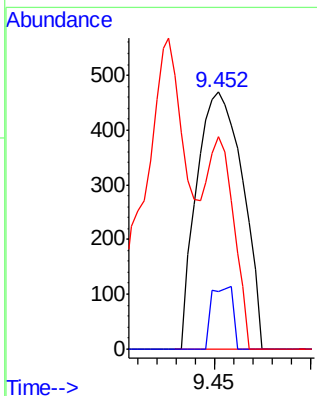
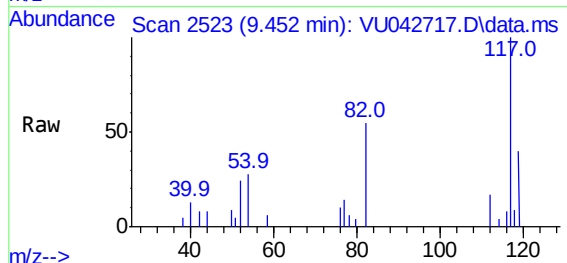




#51
Chlorobenzene
Concen: 0.05 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

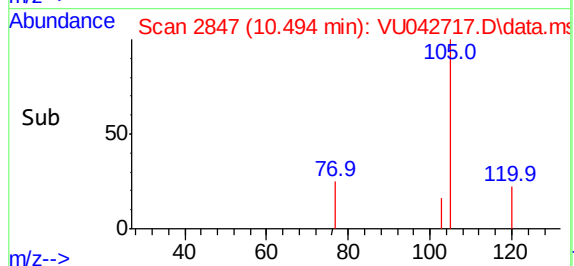
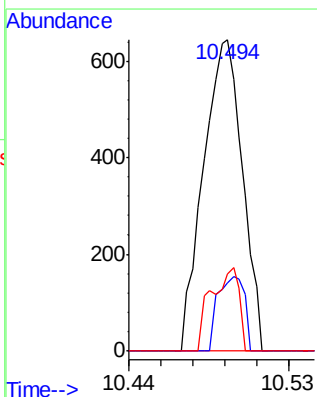
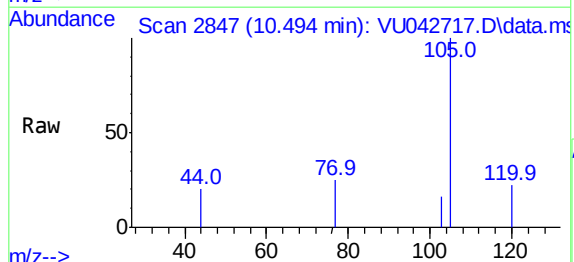
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

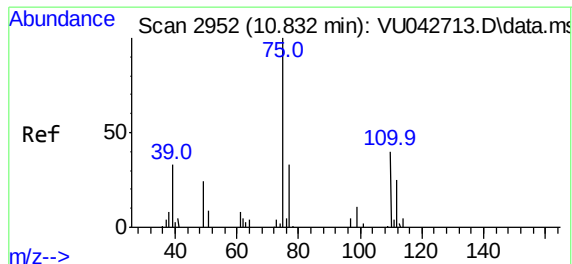
Tgt Ion:112 Resp: 780
Ion Ratio Lower Upper
112 100
114 22.2 22.0 41.0
77 82.9 49.8 74.6#



#56
Isopropylbenzene
Concen: 0.04 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

Tgt Ion:105 Resp: 958
Ion Ratio Lower Upper
105 100
120 16.2 20.8 31.2#
77 19.0 13.4 20.0

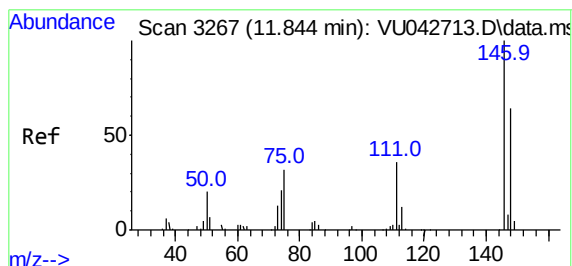
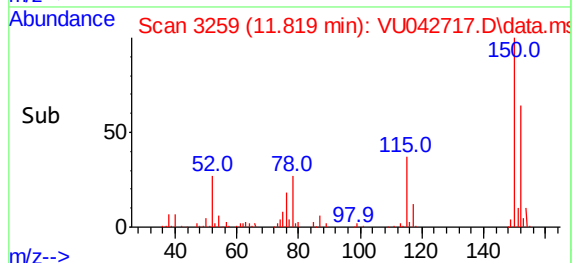
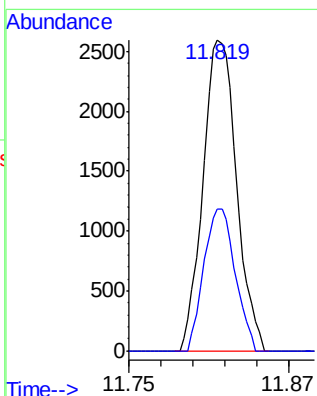
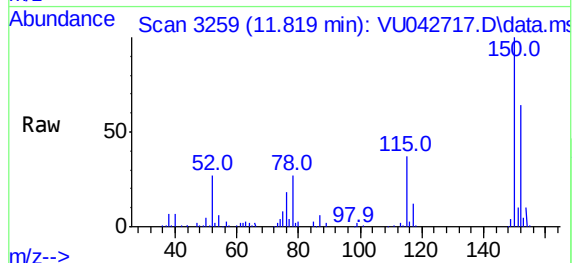




#59
1,2,3-Trichloropropane
Concen: 1.00 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

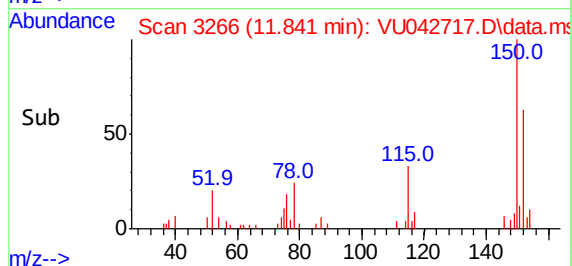
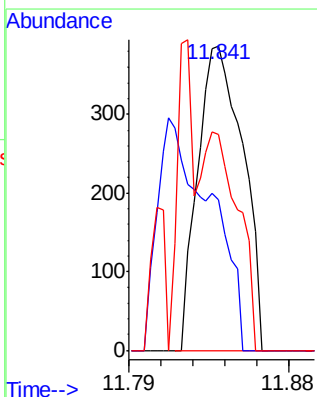
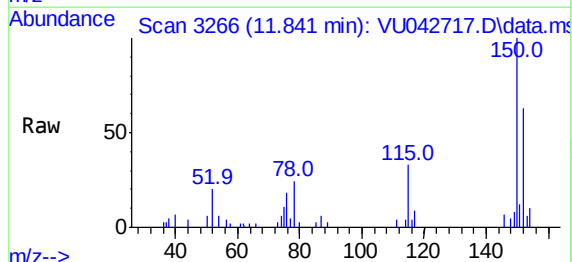
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

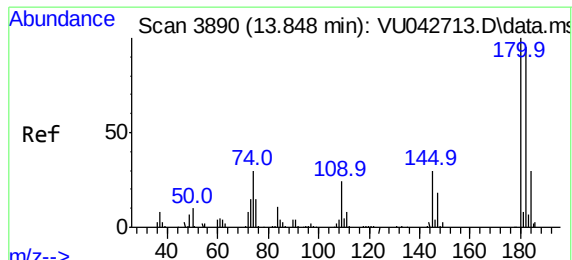
Tgt Ion: 75 Resp: 4593
Ion Ratio Lower Upper
75 100
77 42.5 26.0 39.0#



#63
1,4-Dichlorobenzene
Concen: 0.05 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU042717.D
Acq: 19 Mar 2021 13:49

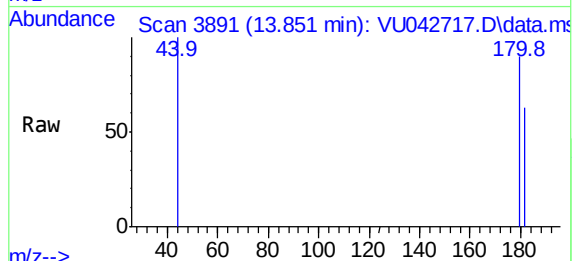
Tgt Ion:146 Resp: 629
Ion Ratio Lower Upper
146 100
111 49.4 25.8 47.8#
148 71.1 44.1 81.9





#68
 1,2,4-trichlorobenzene
 Concen: 0.04 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.003 min
 Lab File: VU042717.D
 Acq: 19 Mar 2021 13:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01



Tgt Ion:180 Resp: 316
 Ion Ratio Lower Upper
 180 100
 182 79.7 76.3 114.5
 145 0.0 23.7 35.5#

