

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042504.D
 Acq On : 05 Mar 2021 15:52
 Operator : SY/MD
 Sample : M1588-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C03S9

Quant Time: Mar 06 00:48:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

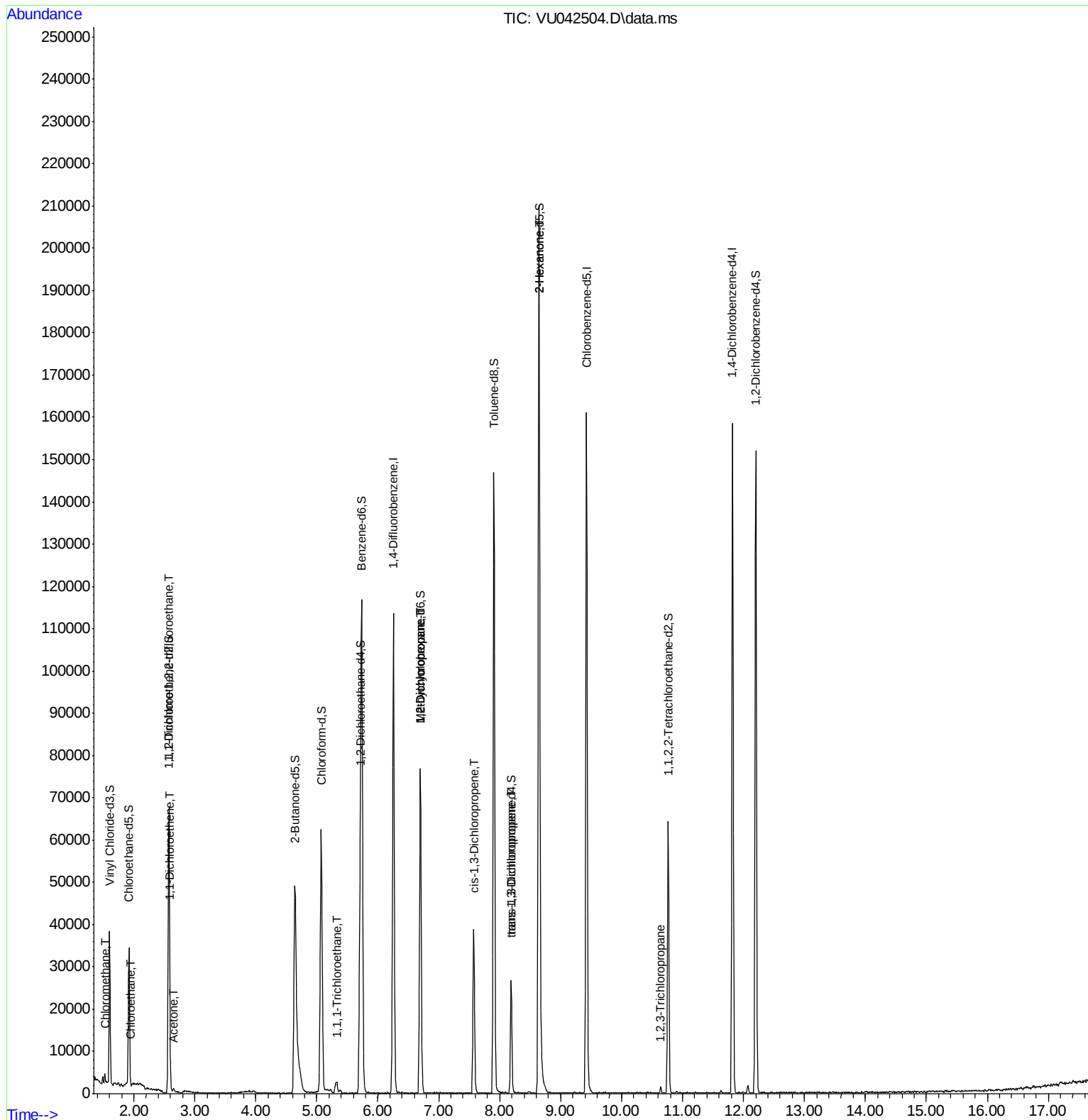
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	85726	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	85017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	40207	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24783	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.919	69	22254	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.575	63	41481	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.639	46	102818	54.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.60%
24) Chloroform-d	5.073	84	54570	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.713	65	35426	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.739	84	97610	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.700	67	33030	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.906	98	93713	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	8.185	79	14029	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.645	63	74559	49.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29423	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	38228	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%
Target Compounds						
3) Chloromethane	1.523	50	1625	0.22	ug/L	88
8) Chloroethane	1.951	64	332	0.07	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	367	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.588	96	764	0.13	ug/L #	1
13) Acetone	2.652	43	1914	1.32	ug/L	74
29) 1,1,1-Trichloroethane	5.330	97	2365	0.20	ug/L #	81
35) Methylcyclohexane	6.700	83	7467	0.67	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3869	0.54	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1139	0.11	ug/L #	59
44) trans-1,3-Dichloropropene	8.189	75	537	0.06	ug/L	89
48) 2-Hexanone	8.645	43	10276	2.22	ug/L #	72
59) 1,2,3-Trichloropropane	10.639	75	340	0.06	ug/L #	42

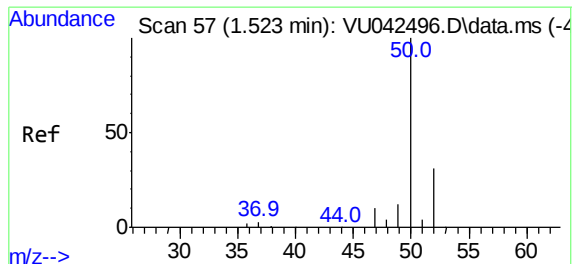
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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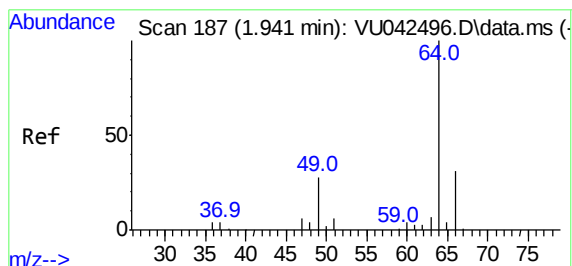
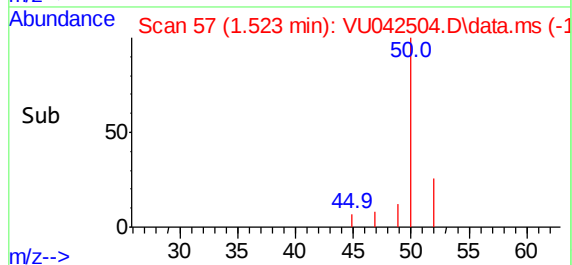
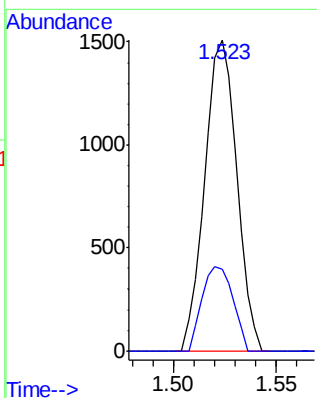
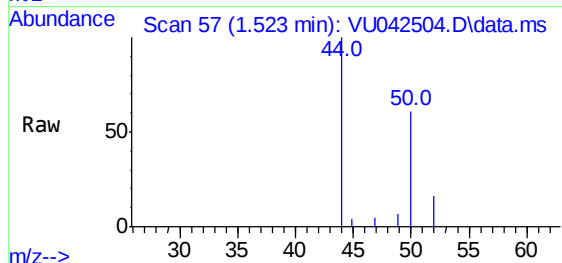




#3
Chloromethane
Concen: 0.22 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU042504.D
Acq: 05 Mar 2021 15:52

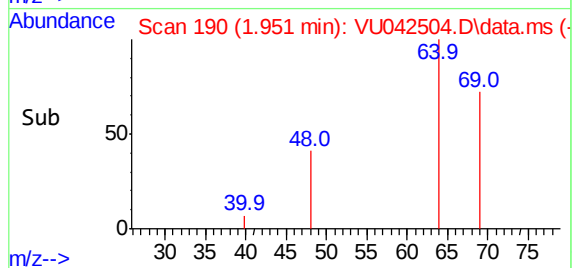
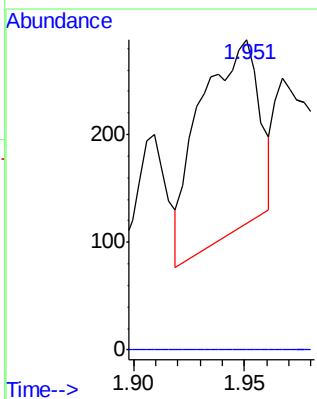
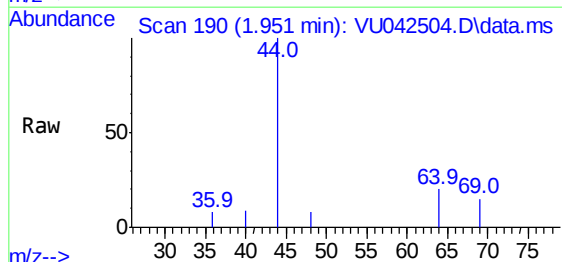
Instrument :
MSVOA_U
ClientSampled :
C03S9

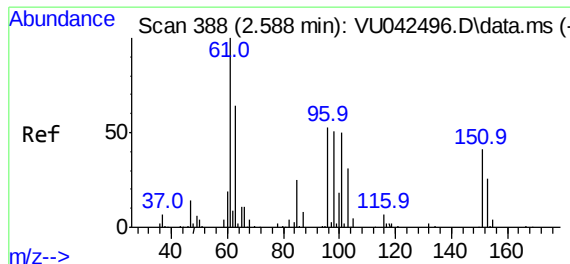
Tgt Ion: 50 Resp: 1625
Ion Ratio Lower Upper
50 100
52 26.2 23.0 42.8



#8
Chloroethane
Concen: 0.07 ug/L
RT: 1.951 min Scan# 190
Delta R.T. 0.013 min
Lab File: VU042504.D
Acq: 05 Mar 2021 15:52

Tgt Ion: 64 Resp: 332
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

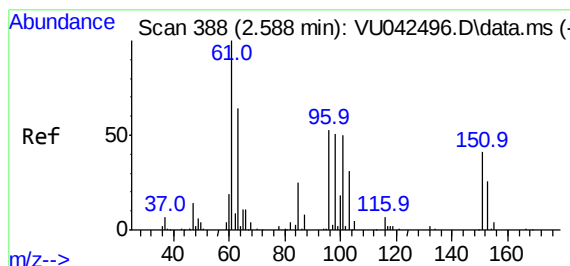
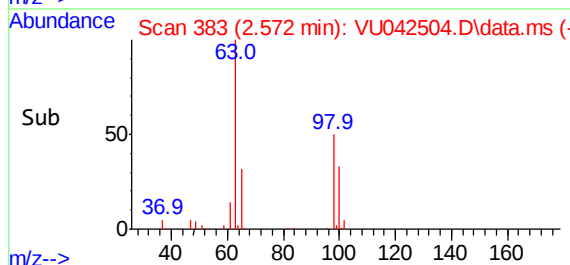
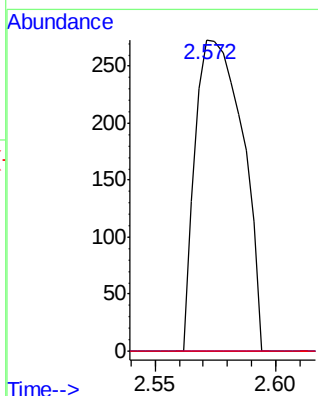
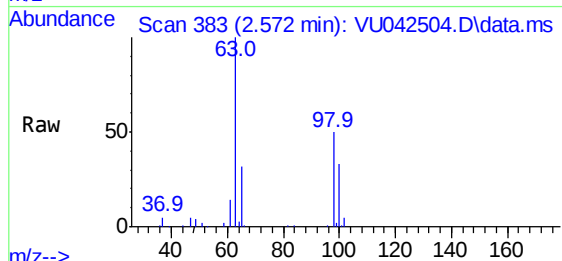




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.06 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU042504.D
 Acq: 05 Mar 2021 15:52

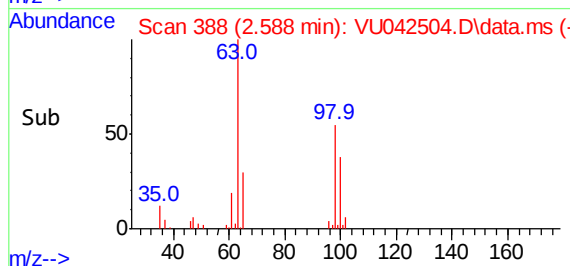
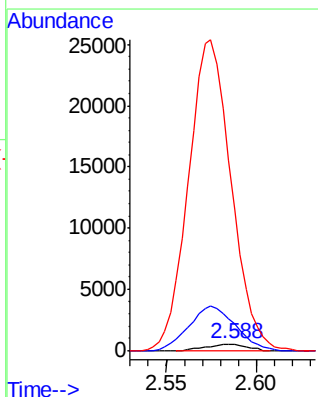
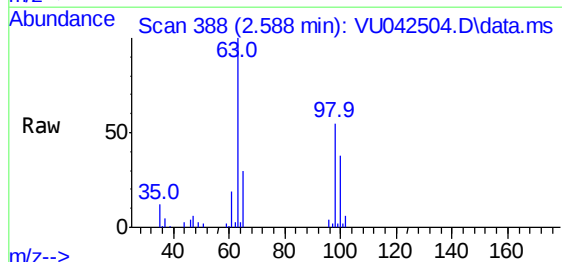
Instrument :
 MSVOA_U
 ClientSampleId :
 C03S9

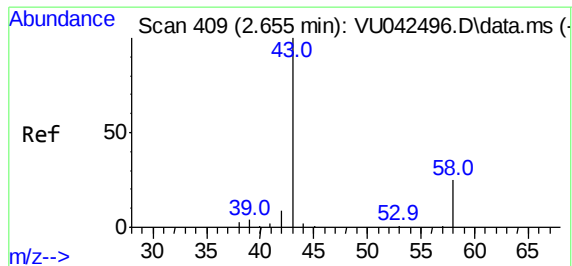
Tgt Ion:101 Resp: 367
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.13 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042504.D
 Acq: 05 Mar 2021 15:52

Tgt Ion: 96 Resp: 764
 Ion Ratio Lower Upper
 96 100
 61 422.9 126.2 234.4#
 63 2279.3 77.8 144.4#

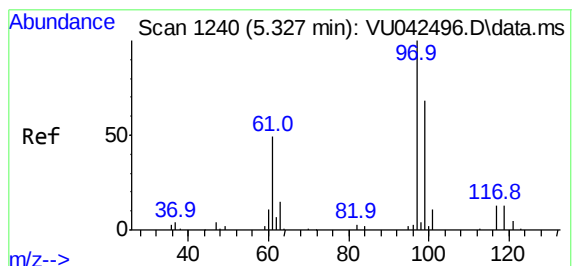
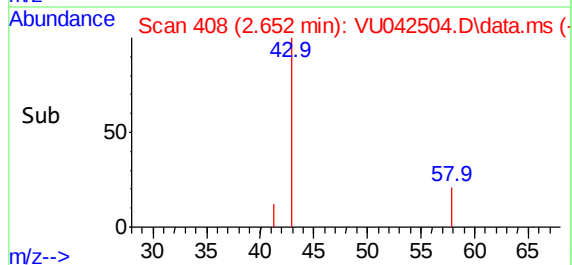
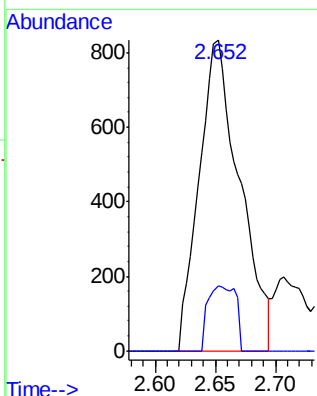
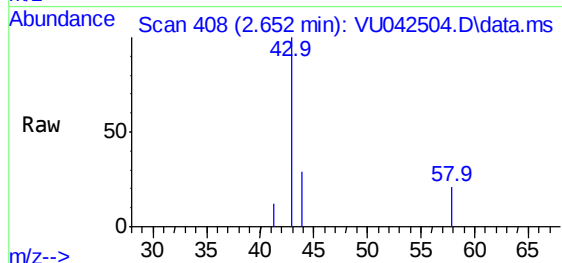




#13
Acetone
Concen: 1.32 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.007 min
Lab File: VU042504.D
Acq: 05 Mar 2021 15:52

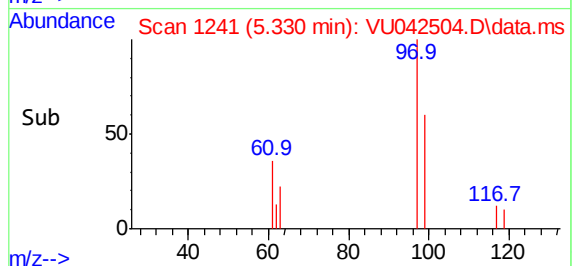
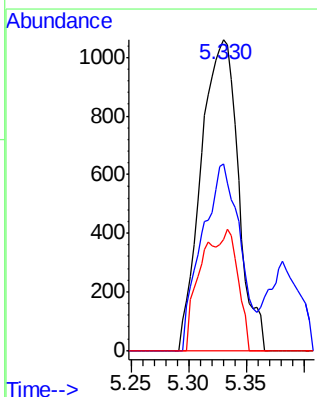
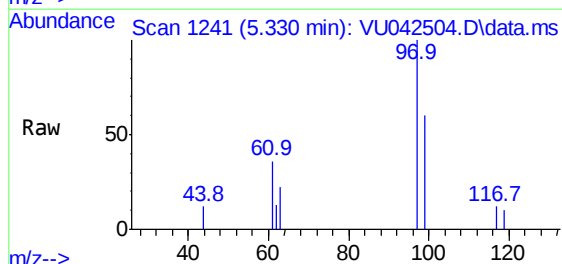
Instrument :
MSVOA_U
ClientSampleId :
C03S9

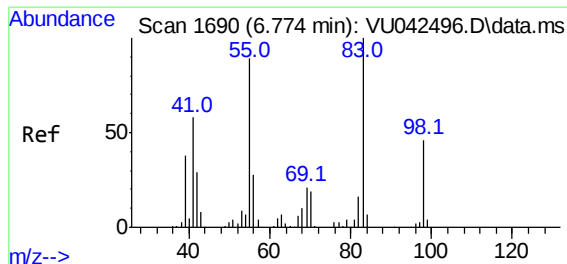
Tgt Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
58 14.2 0.0 55.8



#29
1,1,1-Trichloroethane
Concen: 0.20 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU042504.D
Acq: 05 Mar 2021 15:52

Tgt Ion: 97 Resp: 2365
Ion Ratio Lower Upper
97 100
99 62.1 50.8 76.2
61 16.5 35.8 53.6#

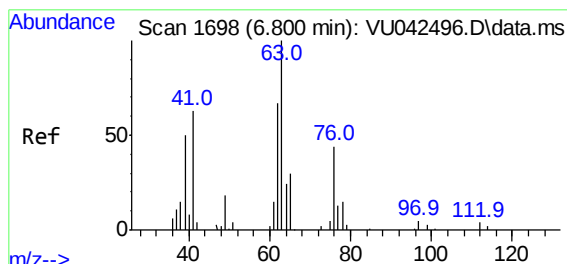
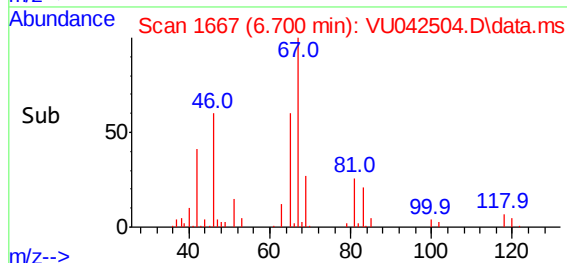
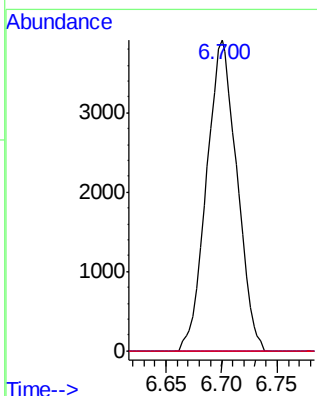
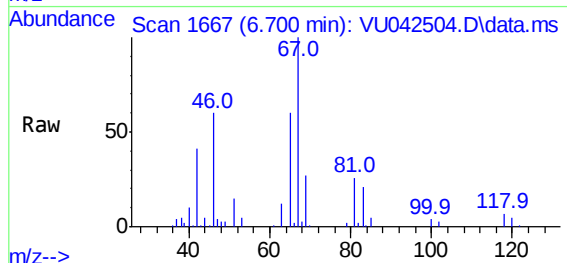




#35
Methylcyclohexane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042504.D
Acq: 05 Mar 2021 15:52

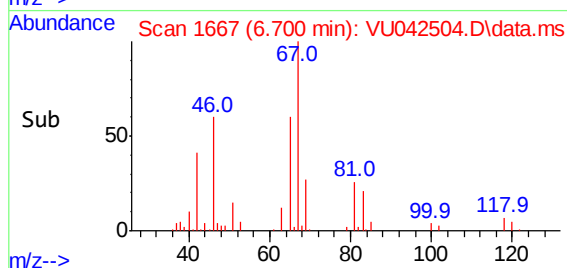
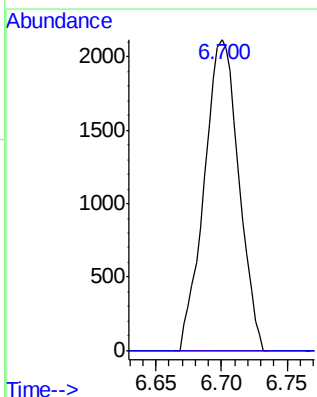
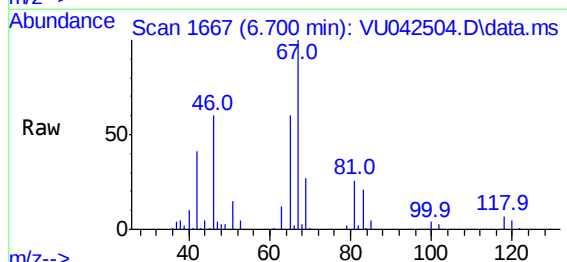
Instrument :
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ClientSampleId :
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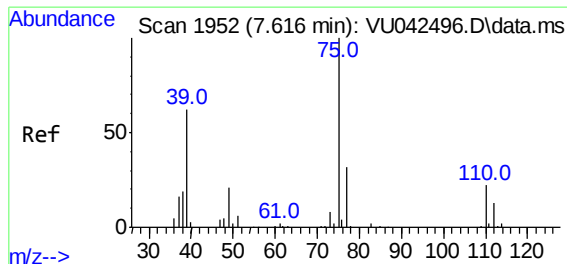
Tgt Ion: 83 Resp: 7467
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042504.D
Acq: 05 Mar 2021 15:52

Tgt Ion: 63 Resp: 3869
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

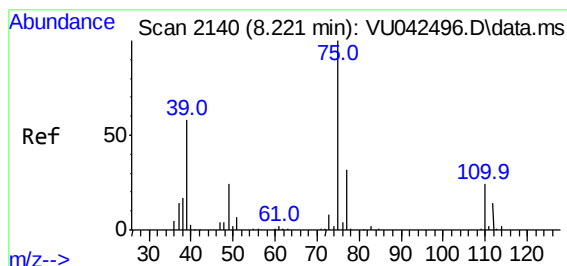
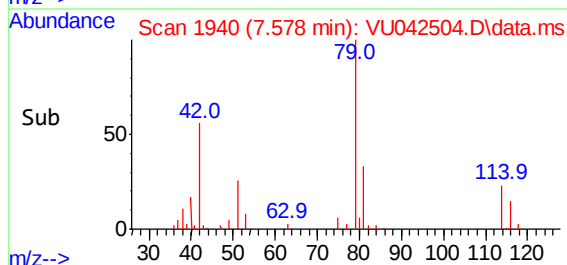
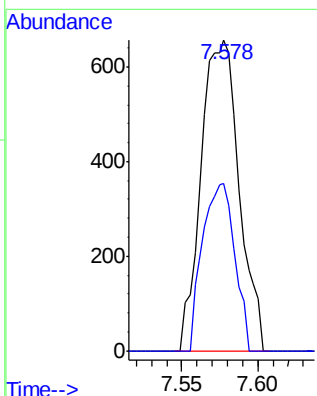
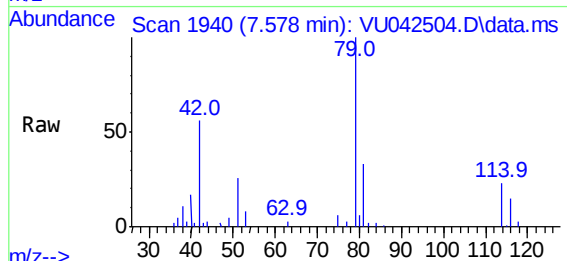




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042504.D
Acq: 05 Mar 2021 15:52

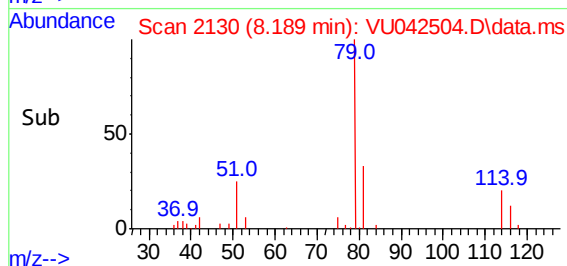
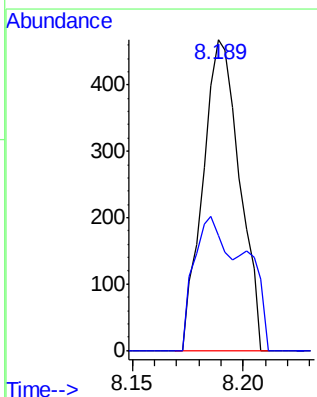
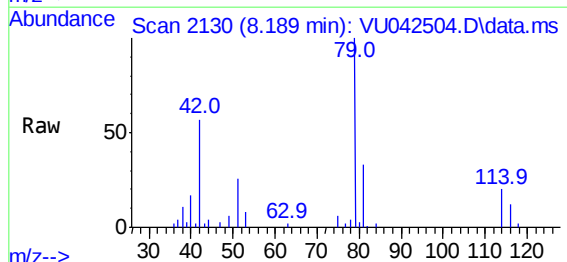
Instrument :
MSVOA_U
ClientSampled :
C03S9

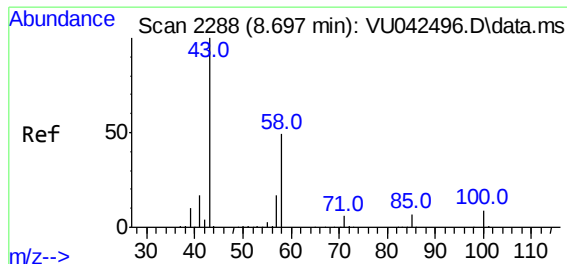
Tgt Ion: 75 Resp: 1139
Ion Ratio Lower Upper
75 100
77 53.9 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042504.D
Acq: 05 Mar 2021 15:52

Tgt Ion: 75 Resp: 537
Ion Ratio Lower Upper
75 100
77 37.2 21.8 40.4



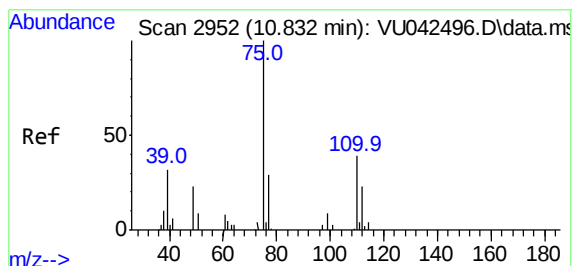
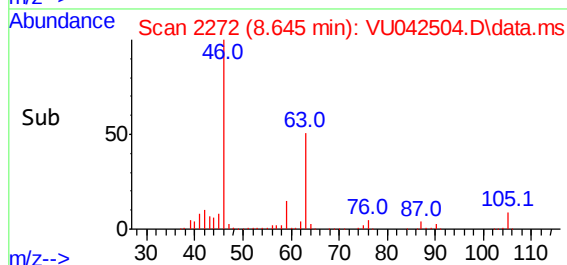
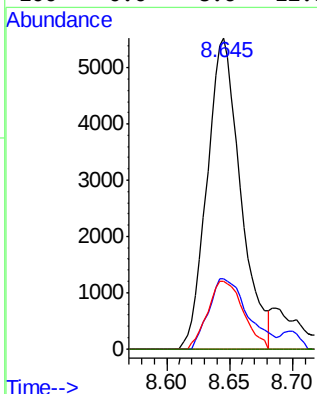
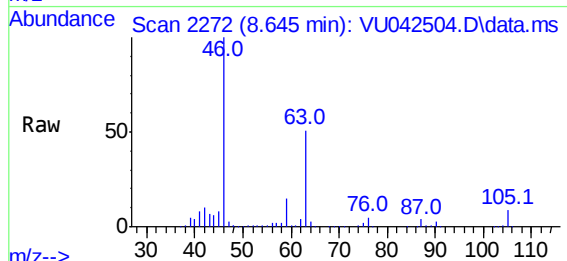


#48
2-Hexanone
Concen: 2.22 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042504.D
Acq: 05 Mar 2021 15:52

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 10276

Ion	Ratio	Lower	Upper
43	100		
58	26.4	40.6	61.0#
57	23.0	14.9	22.3#
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.06 ug/L
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042504.D
Acq: 05 Mar 2021 15:52

Tgt Ion: 75 Resp: 340

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#

