

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042502.D
 Acq On : 05 Mar 2021 15:04
 Operator : SY/MD
 Sample : M1588-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C03S7

Quant Time: Mar 06 00:47:47 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)

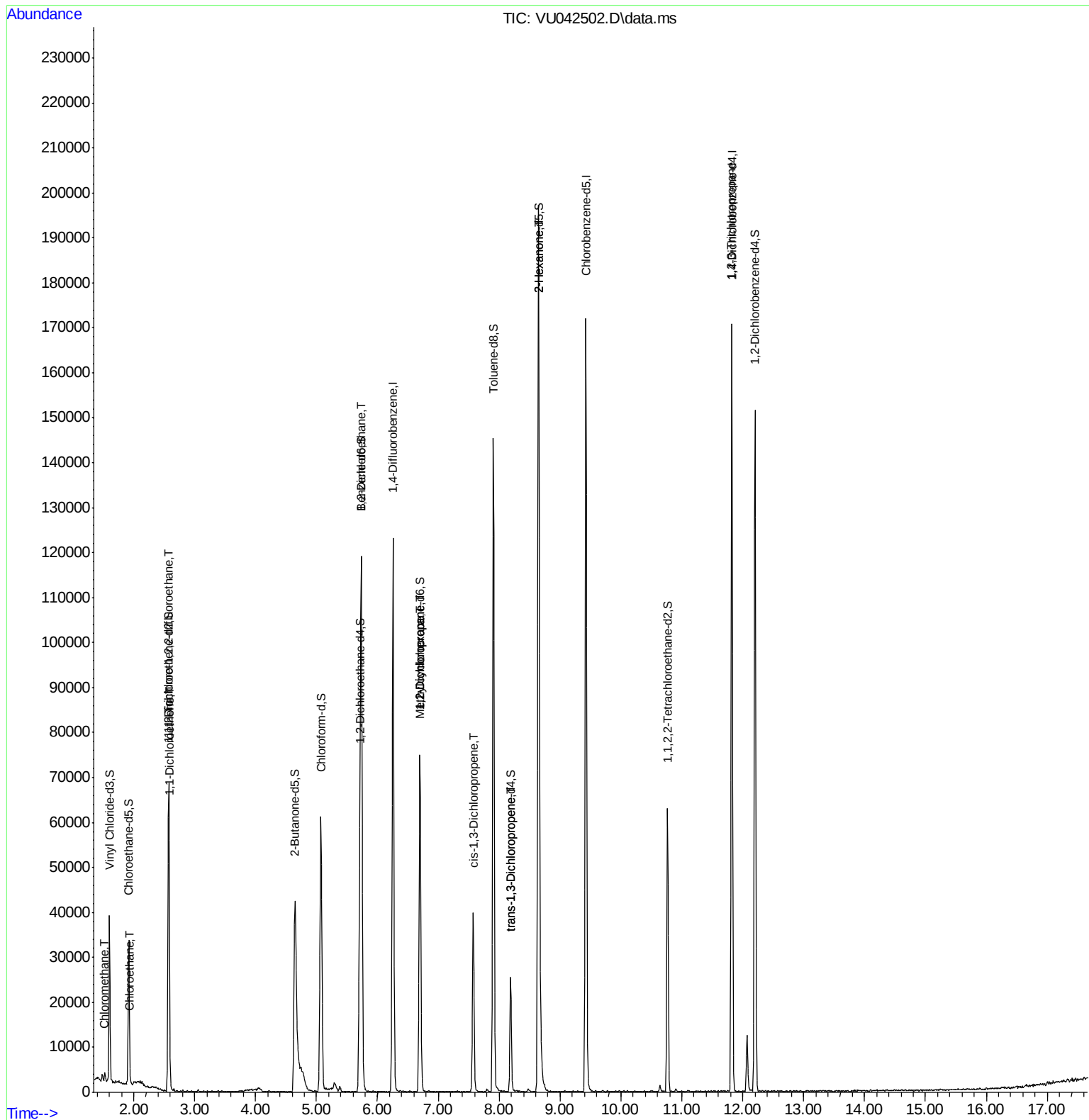
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	92782	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	89782	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	43981	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	25011	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.919	69	21213	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.575	63	42693	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.649	46	89086	43.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.74%
24) Chloroform-d	5.073	84	53335	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.713	65	35244	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.735	84	97062	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.700	67	32768	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.906	98	91024	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloroprop...	8.189	79	13866	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.645	63	73723	46.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.82%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28700	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	37302	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%
Target Compounds						
3) Chloromethane	1.520	50	1251	0.15	ug/L	99
8) Chloroethane	1.935	64	290	0.06	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	372	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.581	96	460	0.07	ug/L #	1
27) 1,2-Dichloroethane	5.735	62	636	0.06	ug/L #	75
35) Methylcyclohexane	6.697	83	7374	0.62	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3831	0.51	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1075	0.10	ug/L #	72
44) trans-1,3-Dichloropropene	8.189	75	678	0.07	ug/L #	83
48) 2-Hexanone	8.645	43	9679	1.98	ug/L #	69
59) 1,2,3-Trichloropropane	11.819	75	5631	0.99	ug/L	89

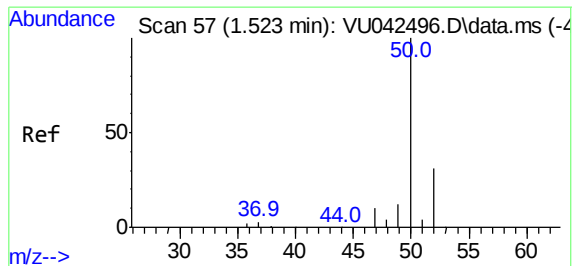
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.15 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.000 min

Lab File: VU042502.D

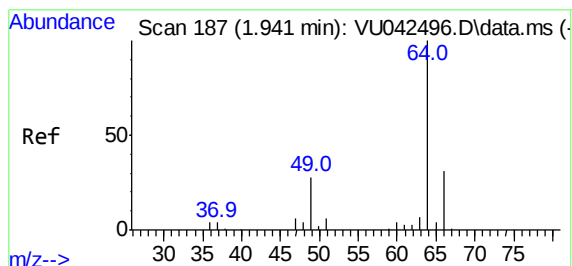
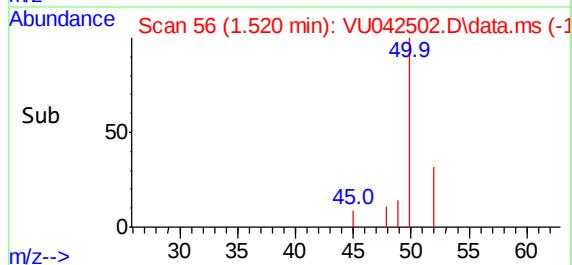
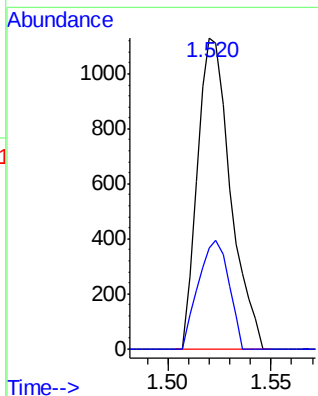
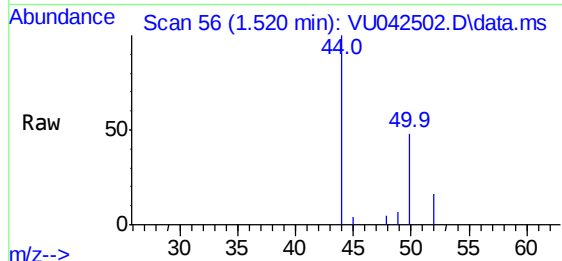
Acq: 05 Mar 2021 15:04

Tgt Ion: 50 Resp: 1251

Ion Ratio Lower Upper

50 100

52 32.5 23.0 42.8



#8

Chloroethane

Concen: 0.06 ug/L

RT: 1.935 min Scan# 185

Delta R.T. -0.003 min

Lab File: VU042502.D

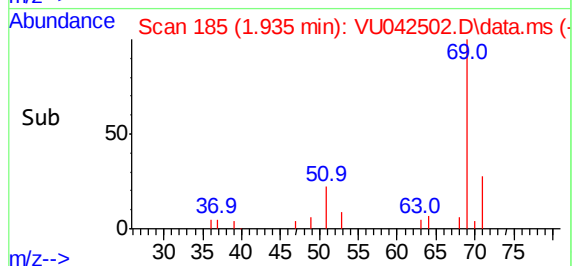
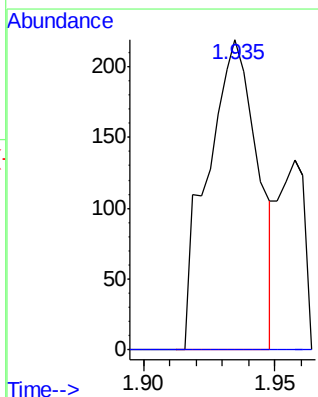
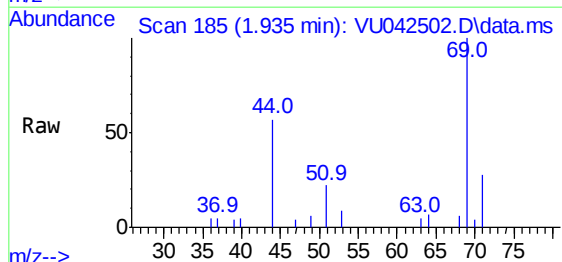
Acq: 05 Mar 2021 15:04

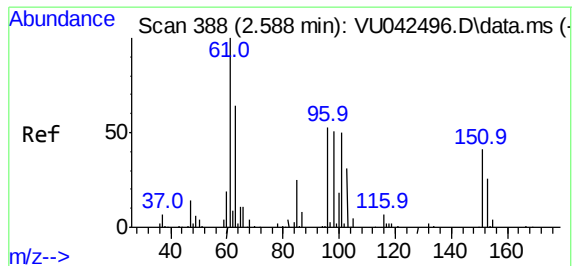
Tgt Ion: 64 Resp: 290

Ion Ratio Lower Upper

64 100

66 0.0 22.2 41.2#

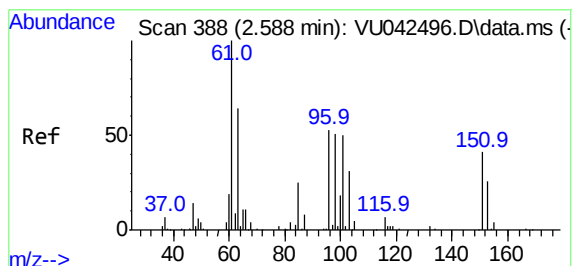
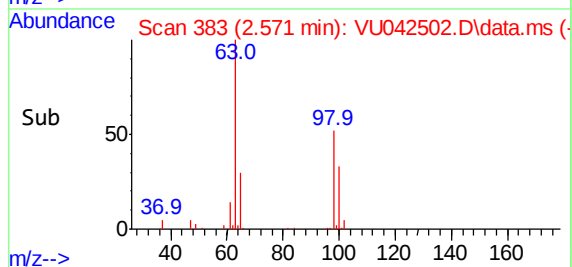
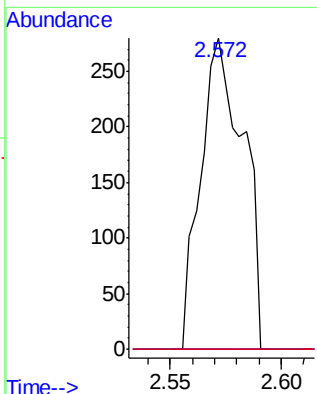
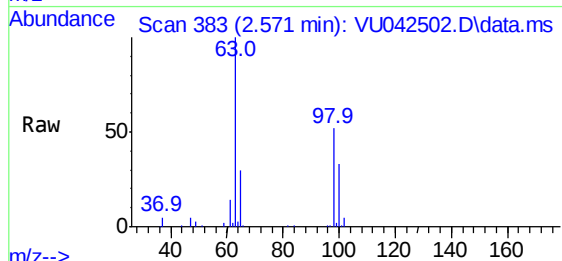




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU042502.D
 Acq: 05 Mar 2021 15:04

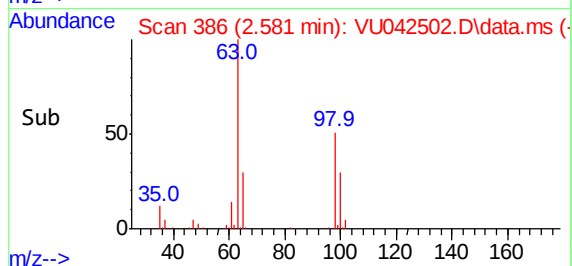
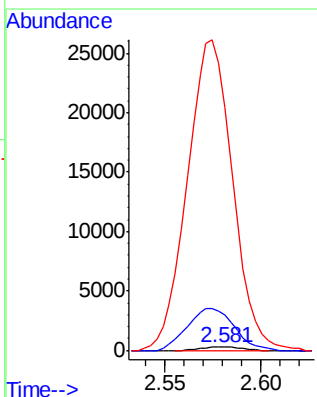
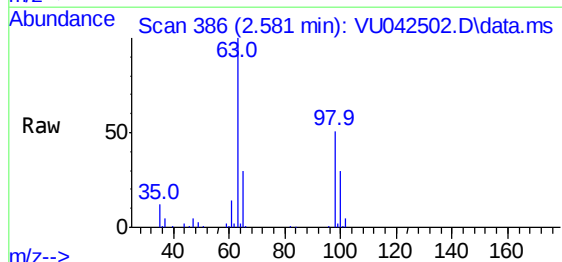
Instrument :
 MSVOA_U
 ClientSampleId :
 C03S7

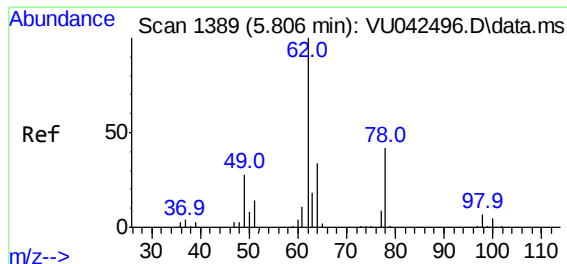
Tgt Ion:101 Resp: 372
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.07 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.007 min
 Lab File: VU042502.D
 Acq: 05 Mar 2021 15:04

Tgt Ion: 96 Resp: 460
 Ion Ratio Lower Upper
 96 100
 61 1011.3 126.2 234.4#
 63 6986.3 77.8 144.4#

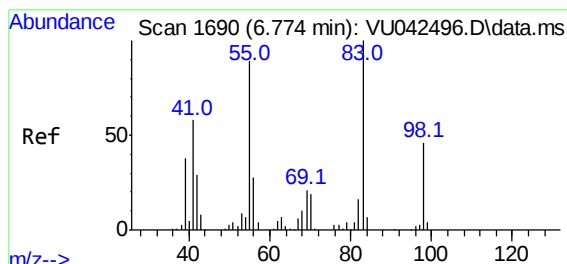
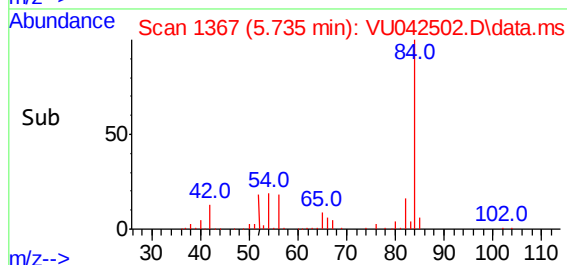
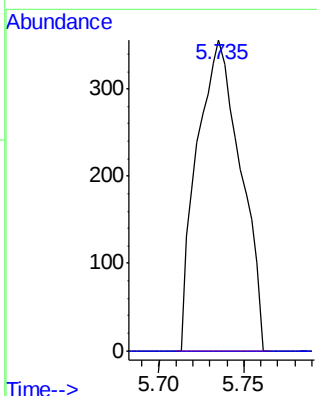
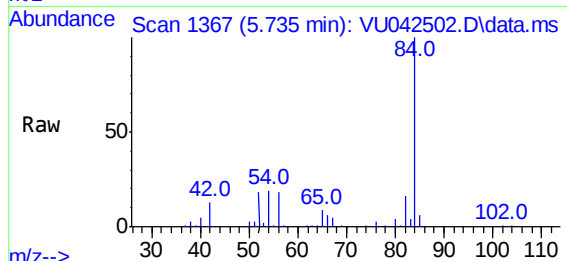




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042502.D
Acq: 05 Mar 2021 15:04

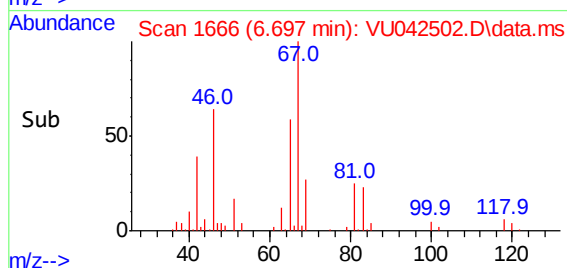
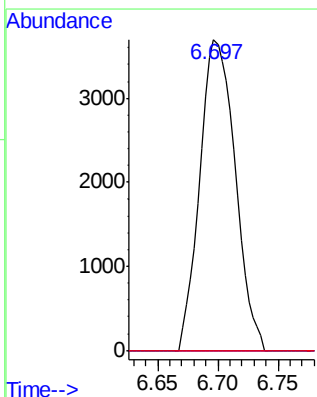
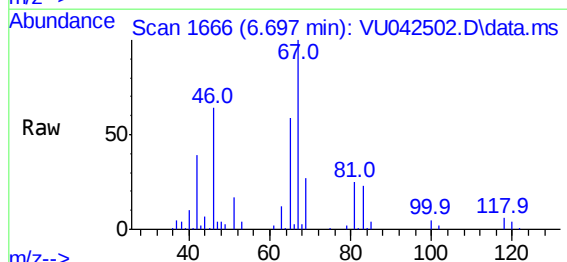
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MSVOA_U
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C03S7

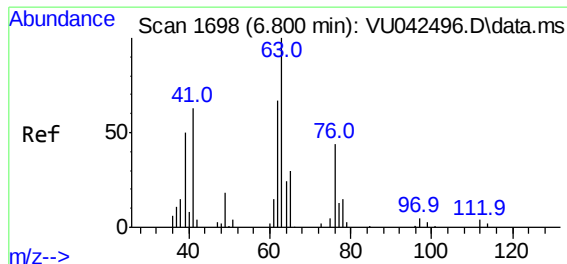
Tgt Ion: 62 Resp: 636
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.62 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042502.D
Acq: 05 Mar 2021 15:04

Tgt Ion: 83 Resp: 7374
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

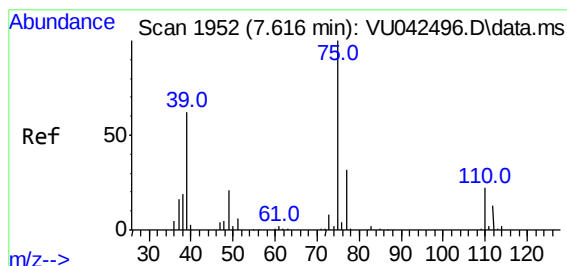
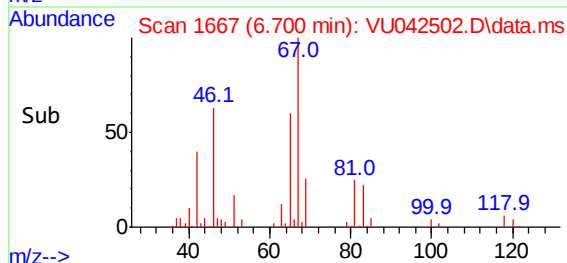
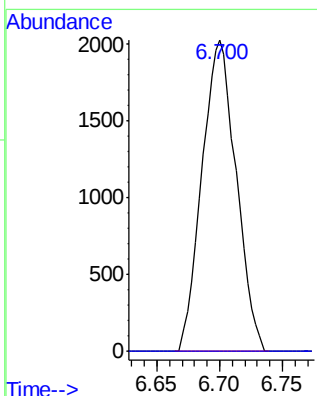
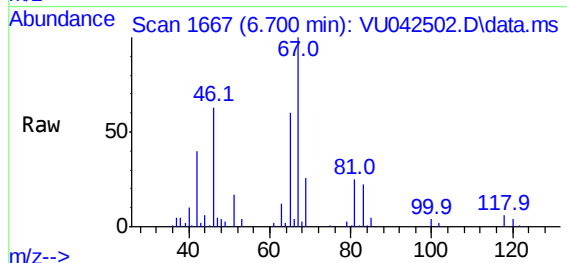




#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042502.D
Acq: 05 Mar 2021 15:04

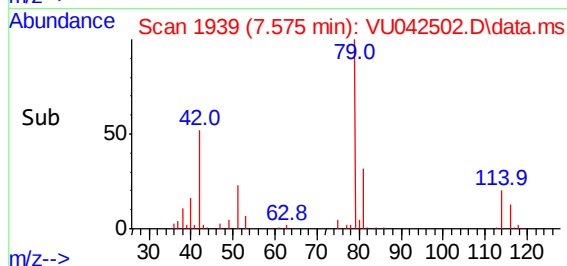
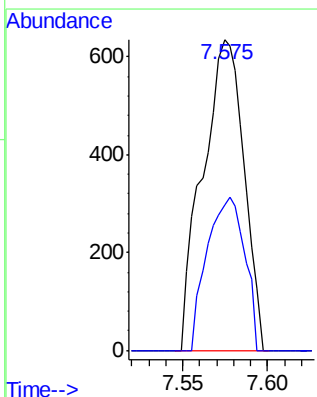
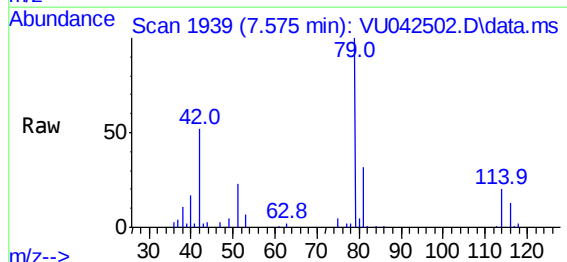
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ClientSampleId :
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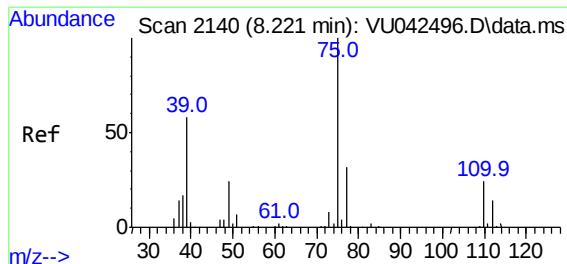
Tgt Ion: 63 Resp: 3831
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042502.D
Acq: 05 Mar 2021 15:04

Tgt Ion: 75 Resp: 1075
Ion Ratio Lower Upper
75 100
77 46.8 22.0 40.8#

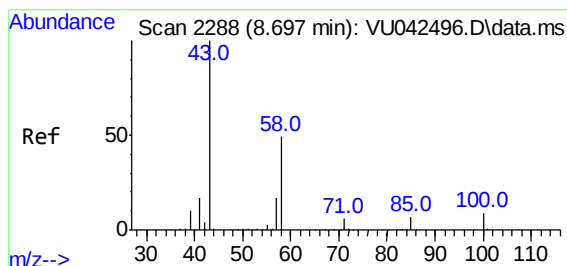
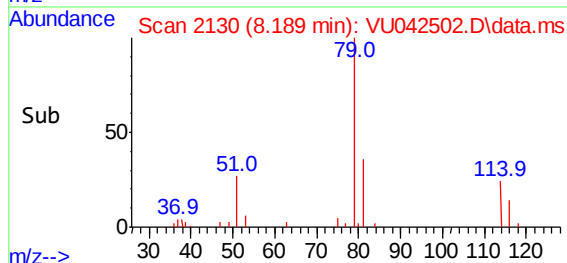
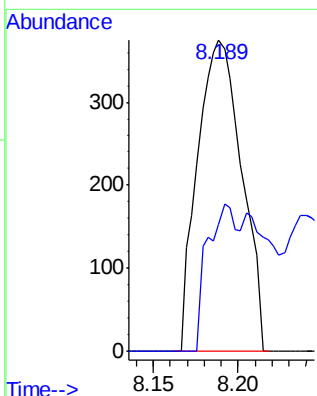
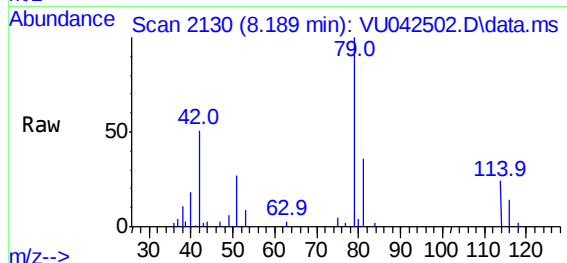




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042502.D
Acq: 05 Mar 2021 15:04

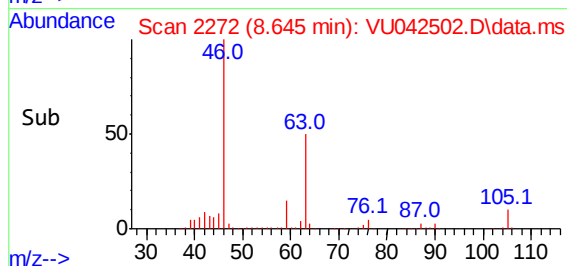
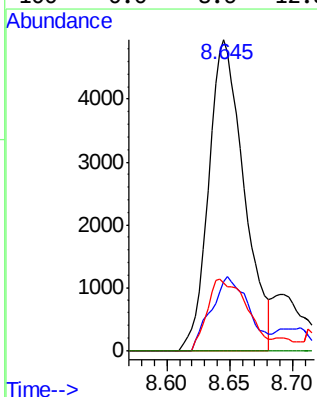
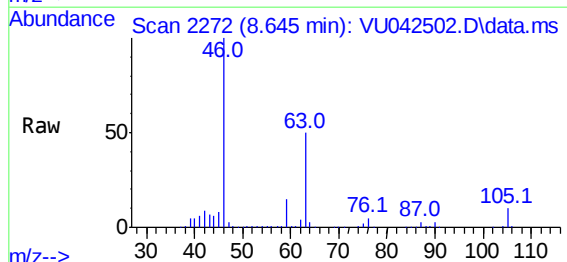
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ClientSampled :
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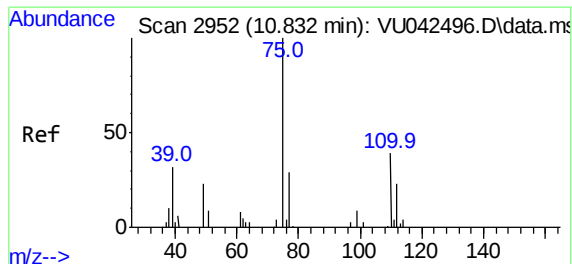
Tgt Ion: 75 Resp: 678
Ion Ratio Lower Upper
75 100
77 40.5 21.8 40.4#



#48
2-Hexanone
Concen: 1.98 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042502.D
Acq: 05 Mar 2021 15:04

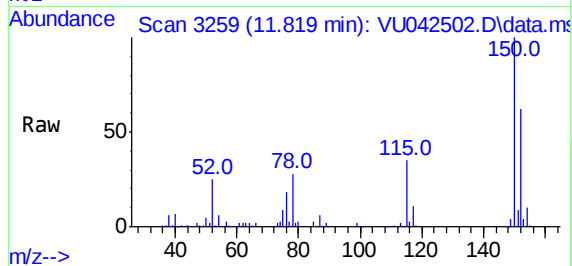
Tgt Ion: 43 Resp: 9679
Ion Ratio Lower Upper
43 100
58 25.7 40.6 61.0#
57 26.1 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.99 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042502.D
 Acq: 05 Mar 2021 15:04

Instrument :
 MSVOA_U
 ClientSampleId :
 C03S7



Tgt Ion: 75 Resp: 5631
 Ion Ratio Lower Upper
 75 100
 77 38.9 26.0 39.0

