

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042232.D
 Acq On : 03 Feb 2021 14:39
 Operator : SY/MD
 Sample : M1298-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CY671

Quant Time: Feb 04 04:21:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	108681	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	100706	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52982	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	20010	2.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.00%
7) Chloroethane-d5	1.919	69	18676	3.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.20%
11) 1,1-Dichloroethene-d2	2.575	63	37611	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	4.652	46	127970	50.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.04%
24) Chloroform-d	5.073	84	59257	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.713	65	38980	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.735	84	103890	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.700	67	37516	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.906	98	96495	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloroprop...	8.189	79	16006	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.645	63	91086	48.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.32%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33560	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	44672	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	854	0.09	ug/L	100
13) Acetone	2.662	43	4926	2.89	ug/L	66
16) Methylene chloride	3.054	84	975	0.11	ug/L	89
33) Benzene	5.787	78	1032	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	8682	0.65	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	4320	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1050	0.08	ug/L #	58
42) Toluene	7.976	91	7922	0.25	ug/L	95
44) trans-1,3-Dichloropropene	8.189	75	676	0.06	ug/L #	55
48) 2-Hexanone	8.642	43	13396	2.89	ug/L #	67
53) m,p-Xylene	9.703	106	1190	0.09	ug/L	88
55) Styrene	10.121	104	1373	0.06	ug/L	88
59) 1,2,3-Trichloropropane	11.819	75	6750	1.23	ug/L	98
62) 1,3-Dichlorobenzene	11.844	146	1320	0.08	ug/L #	90
63) 1,4-Dichlorobenzene	11.844	146	1320	0.08	ug/L #	89
67) 1,3,5-Trichlorobenzene	13.851	180	2716	0.21	ug/L	97
68) 1,2,4-trichlorobenzene	13.851	180	2716	0.26	ug/L	97

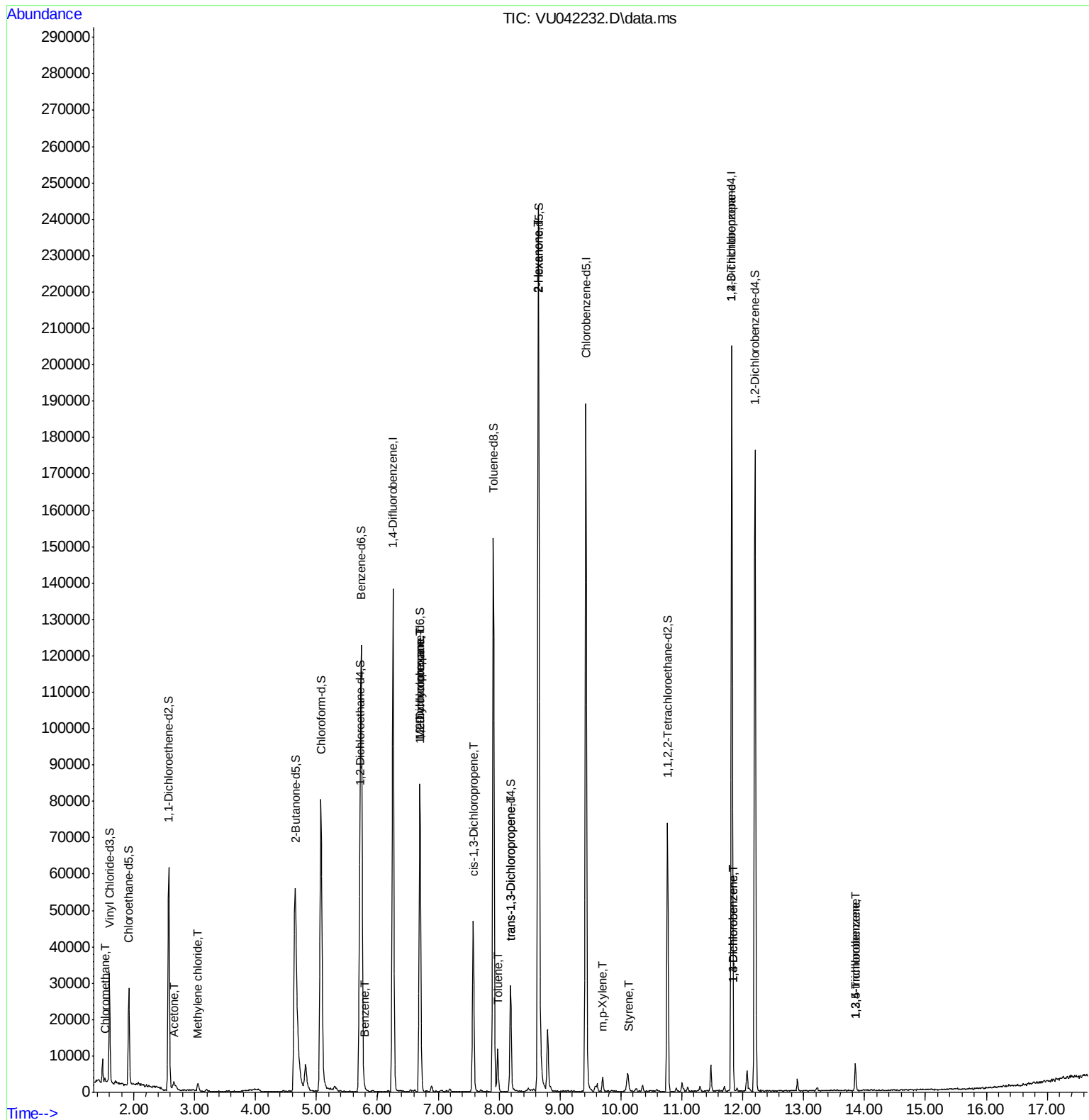
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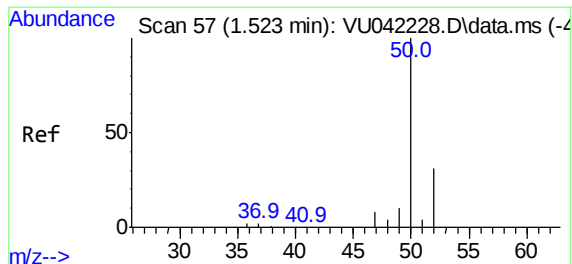
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 04 04:20:04 2021
Response via : Initial Calibration

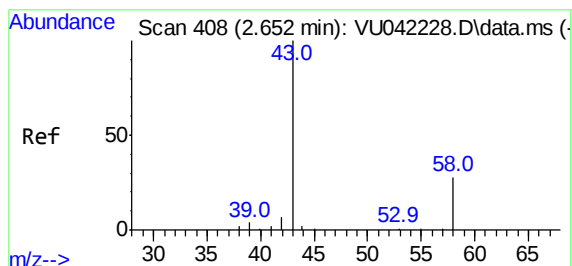
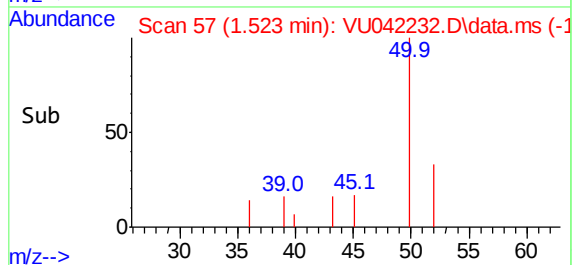
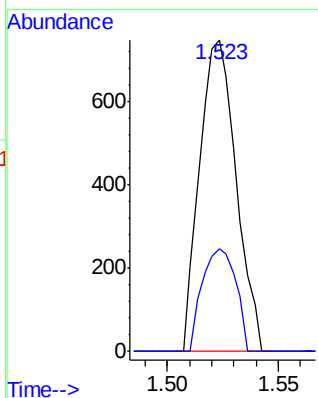
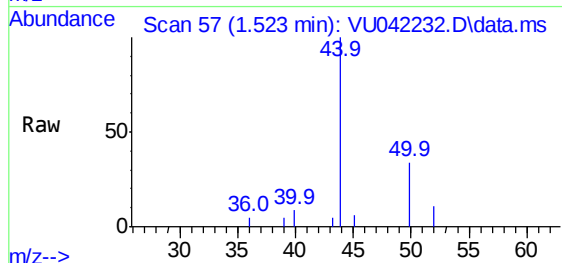




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

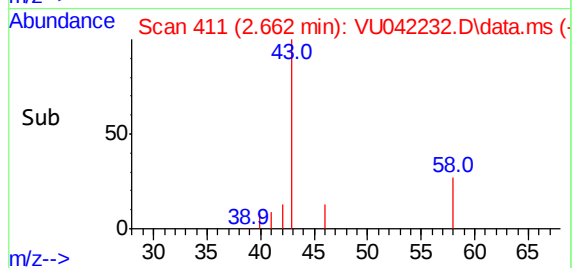
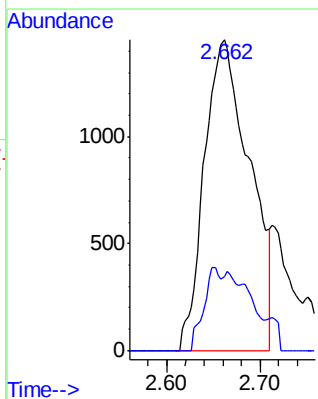
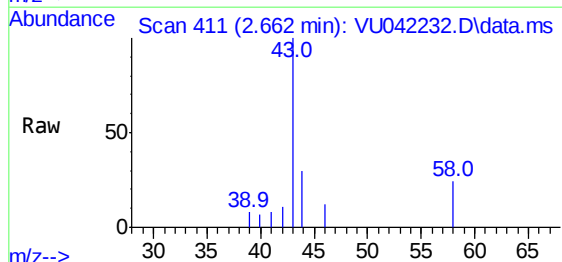
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MSVOA_U
ClientSampleId :
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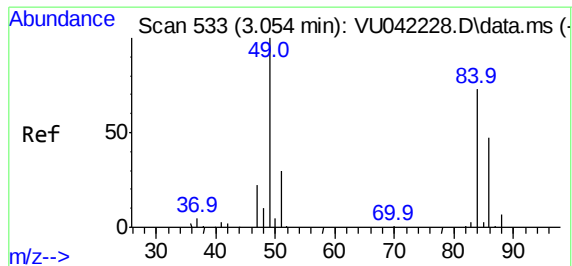
Tgt Ion: 50 Resp: 854
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8



#13
Acetone
Concen: 2.89 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.010 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

Tgt Ion: 43 Resp: 4926
Ion Ratio Lower Upper
43 100
58 10.0 0.0 55.8

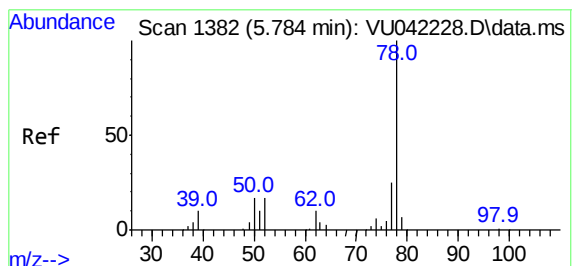
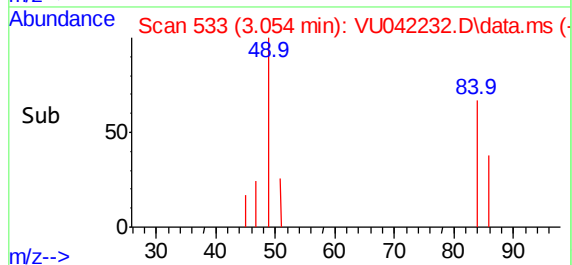
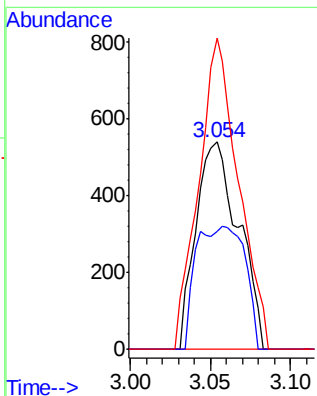
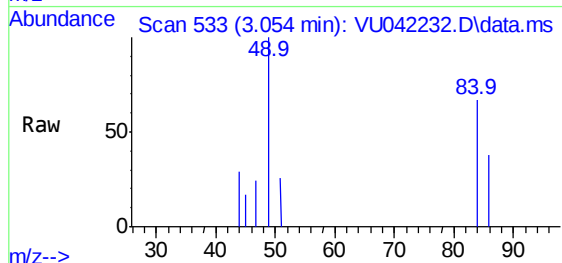




#16
Methylene chloride
Concen: 0.11 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

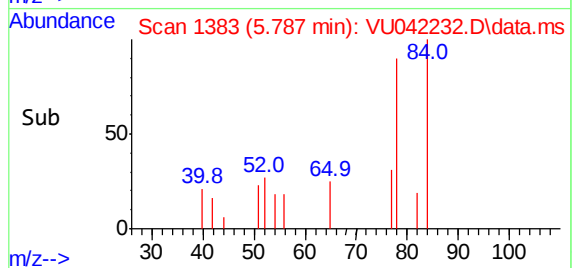
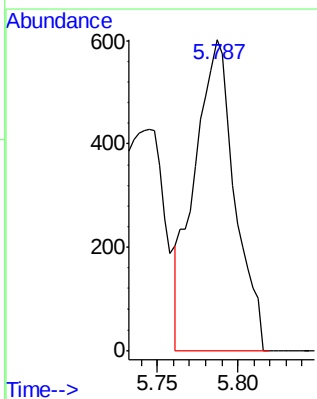
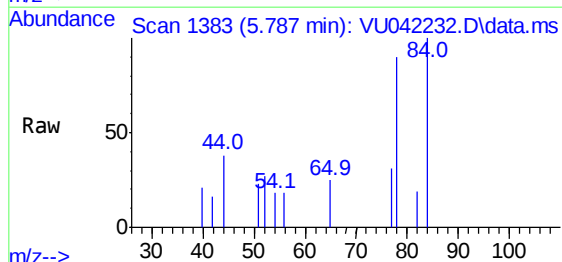
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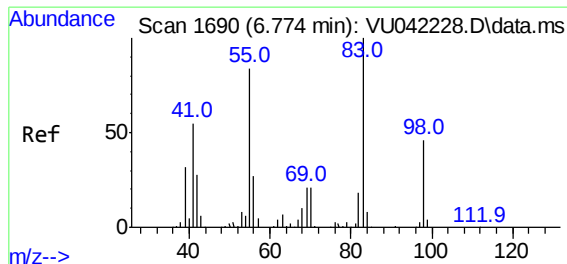
Tgt Ion: 84 Resp: 975
Ion Ratio Lower Upper
84 100
86 57.0 44.1 81.9
49 150.1 95.0 176.4



#33
Benzene
Concen: 0.03 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

Tgt Ion: 78 Resp: 1032

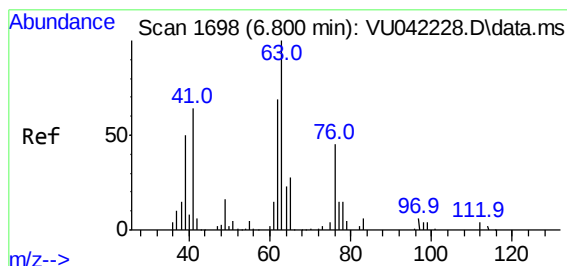
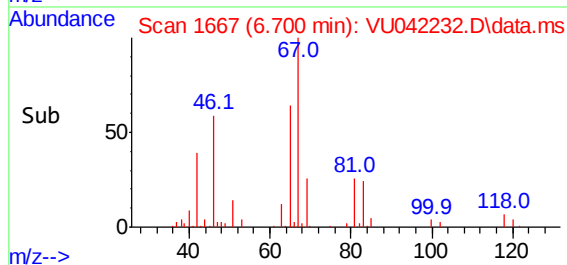
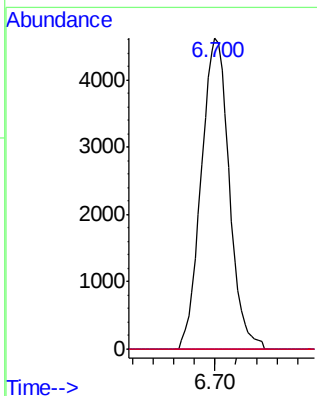
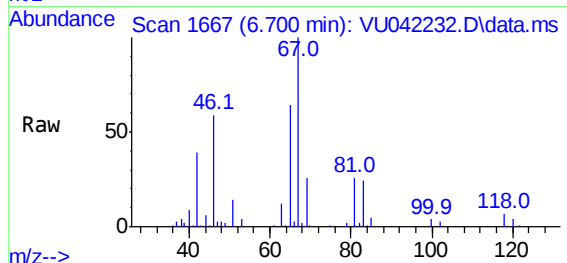




#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

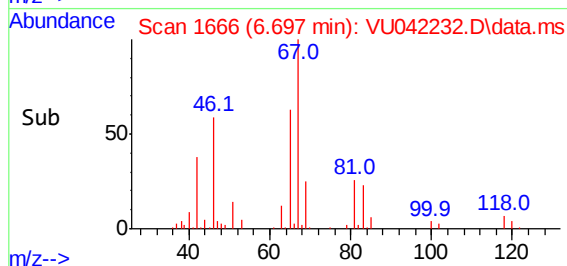
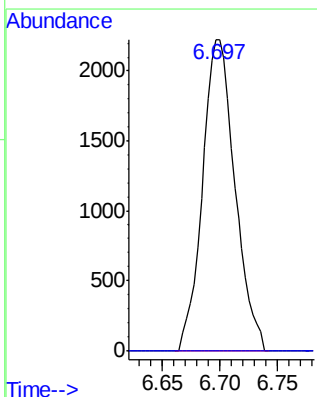
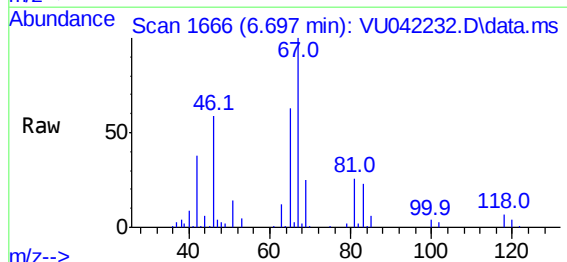
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ClientSampleId :
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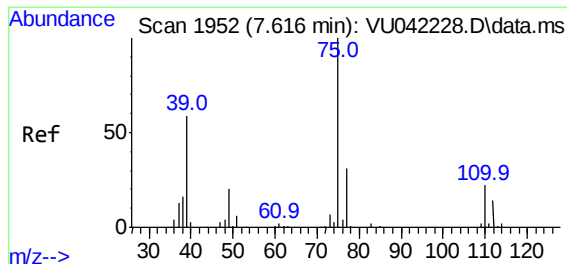
Tgt Ion: 83 Resp: 8682
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

Tgt Ion: 63 Resp: 4320
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

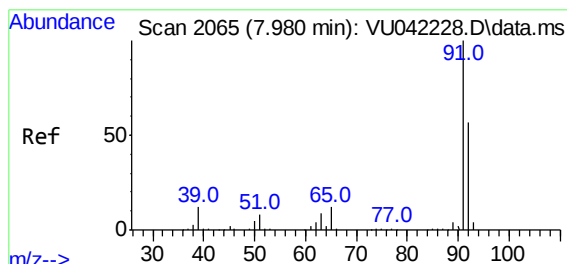
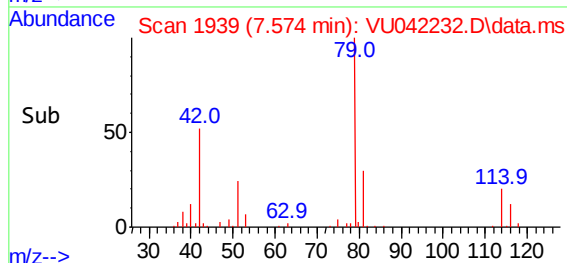
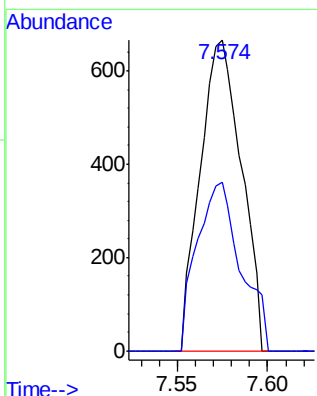
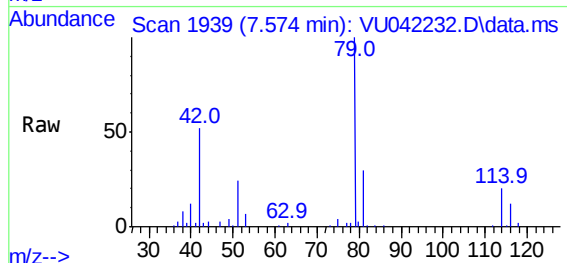




#39
 cis-1,3-Dichloropropene
 Concen: 0.08 ug/L
 RT: 7.574 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU042232.D
 Acq: 03 Feb 2021 14:39

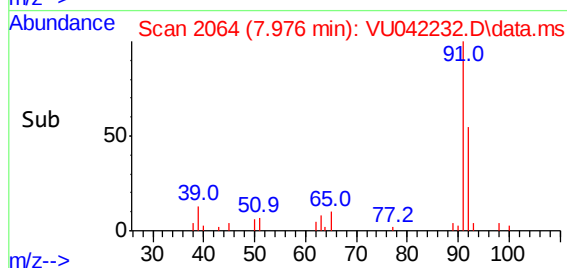
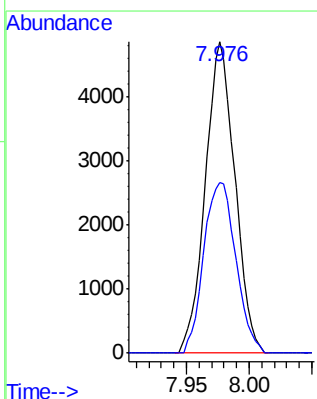
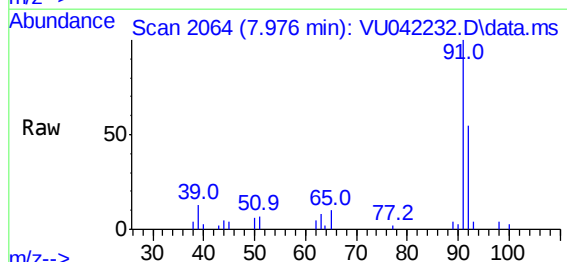
Instrument :
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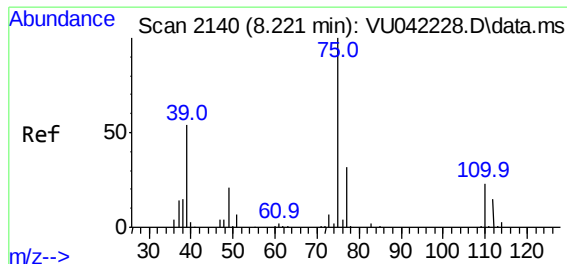
Tgt Ion: 75 Resp: 1050
 Ion Ratio Lower Upper
 75 100
 77 54.4 22.0 40.8#



#42
 Toluene
 Concen: 0.25 ug/L
 RT: 7.976 min Scan# 2064
 Delta R.T. -0.003 min
 Lab File: VU042232.D
 Acq: 03 Feb 2021 14:39

Tgt Ion: 91 Resp: 7922
 Ion Ratio Lower Upper
 91 100
 92 54.8 41.2 76.6



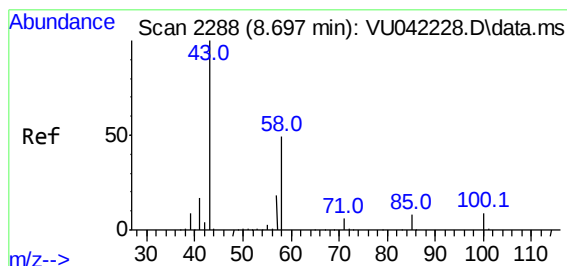
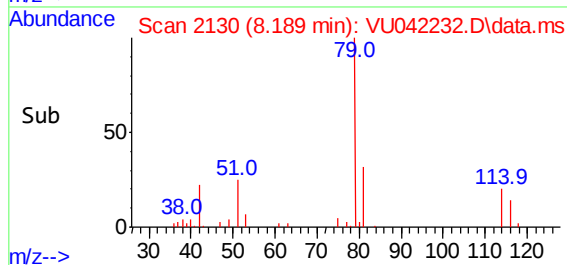
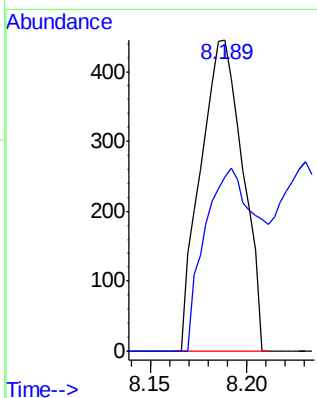
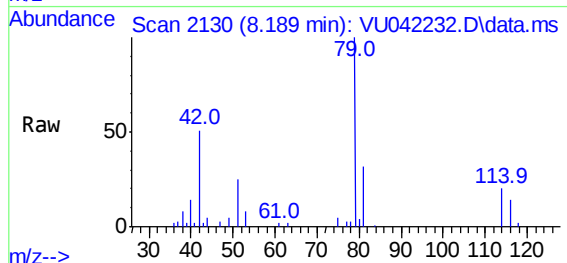


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

Instrument :
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ClientSampleId :
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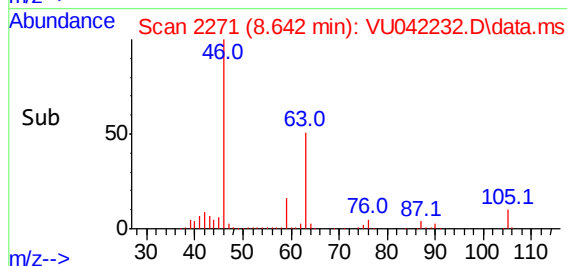
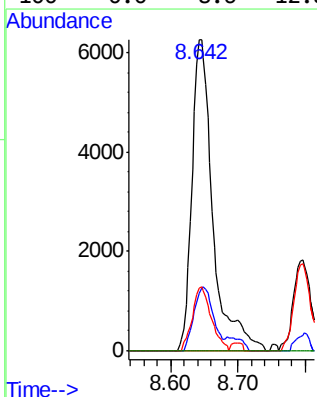
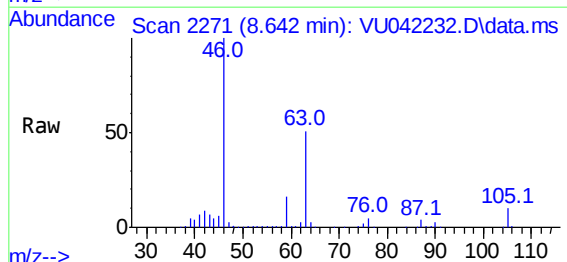
Tgt Ion: 75 Resp: 676
Ion Ratio Lower Upper
75 100
77 56.0 21.8 40.4#

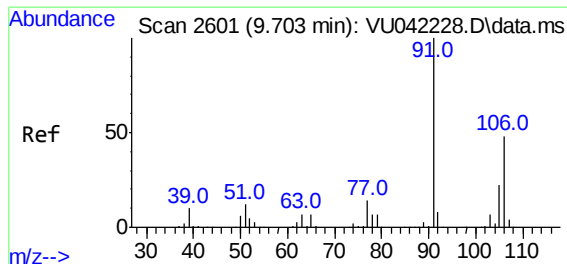


#48

2-Hexanone
Concen: 2.89 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.055 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

Tgt Ion: 43 Resp: 13396
Ion Ratio Lower Upper
43 100
58 19.1 40.6 61.0#
57 18.4 14.9 22.3
100 0.0 8.6 12.8#

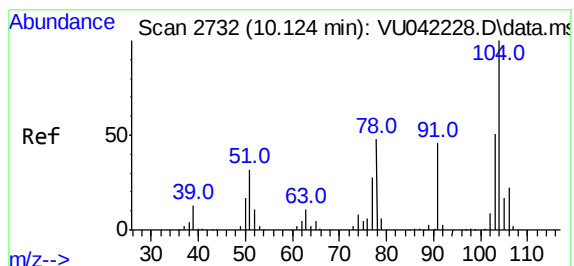
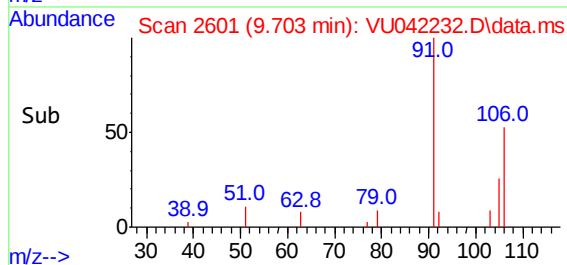
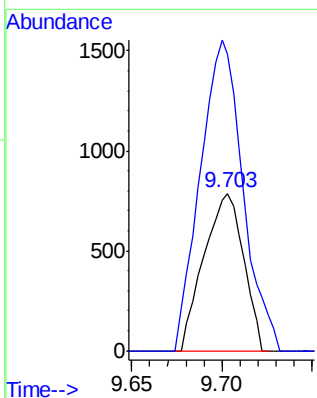
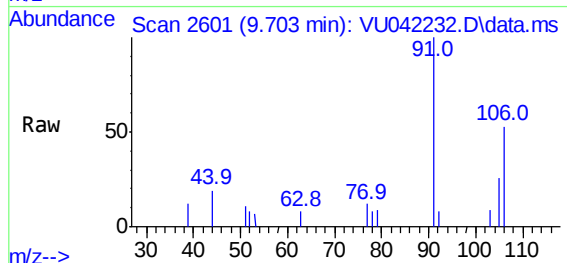




#53
m,p-Xylene
Concen: 0.09 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. -0.000 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

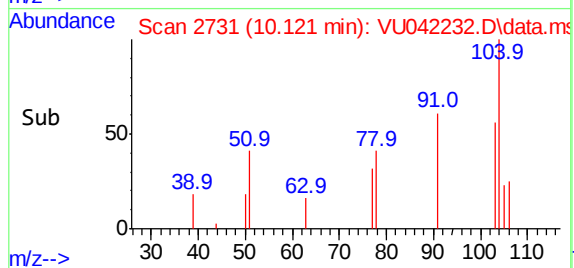
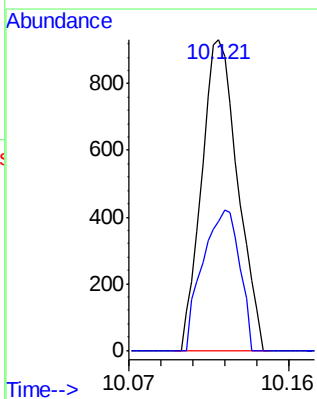
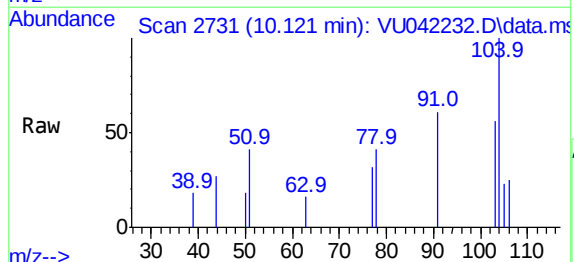
Instrument :
MSVOA_U
ClientSampled :
CY671

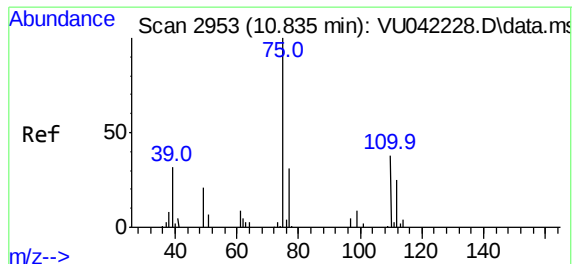
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Ion Ratio Lower Upper
106 100
91 188.5 145.1 269.5



#55
Styrene
Concen: 0.06 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

Tgt Ion:104 Resp: 1373
Ion Ratio Lower Upper
104 100
78 41.4 34.9 64.7

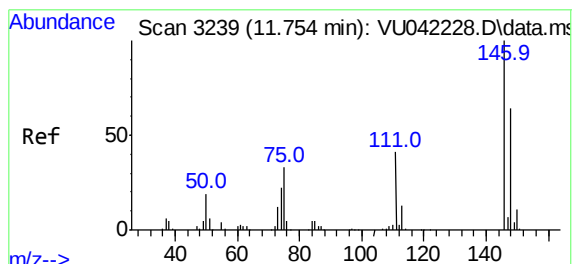
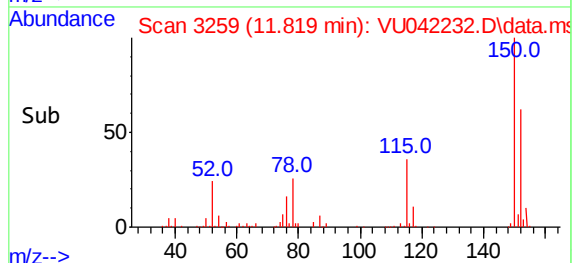
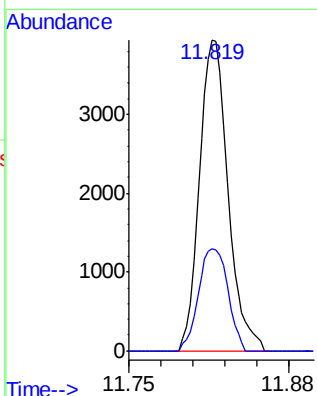
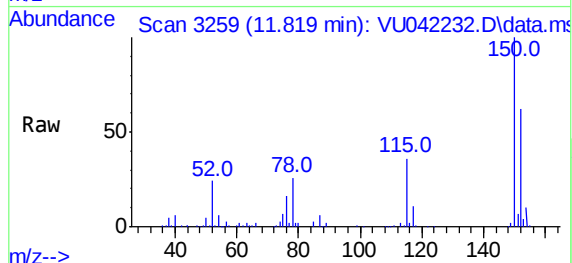




#59
1,2,3-Trichloropropane
Concen: 1.23 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.984 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

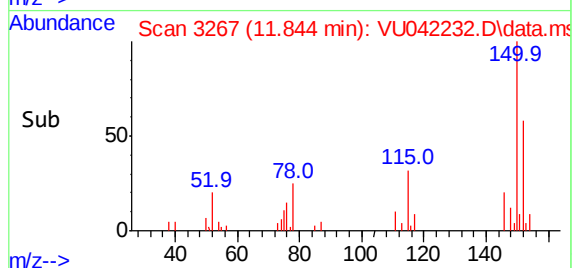
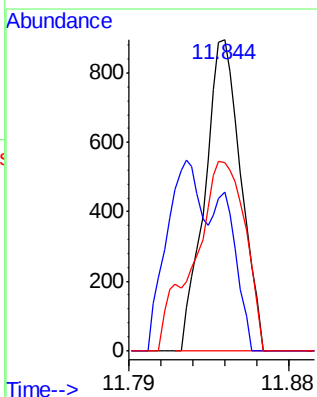
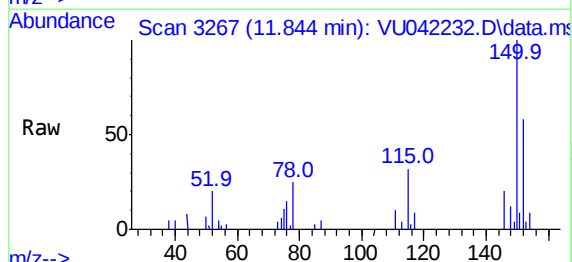
Instrument :
MSVOA_U
ClientSampled :
CY671

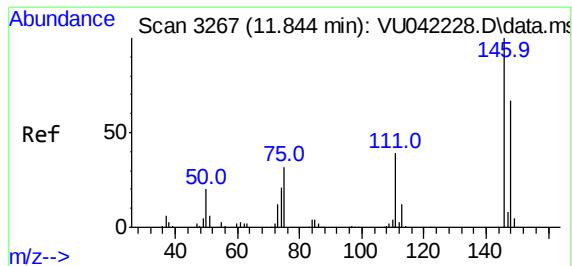
Tgt Ion: 75 Resp: 6750
Ion Ratio Lower Upper
75 100
77 33.9 26.0 39.0



#62
1,3-Dichlorobenzene
Concen: 0.08 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.090 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

Tgt Ion: 146 Resp: 1320
Ion Ratio Lower Upper
146 100
111 50.9 27.2 50.4#
148 60.5 44.6 82.8

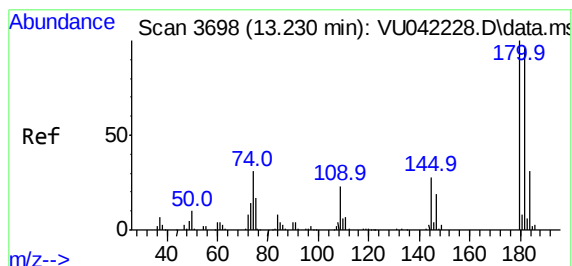
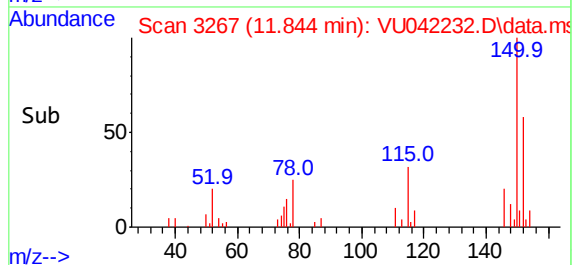
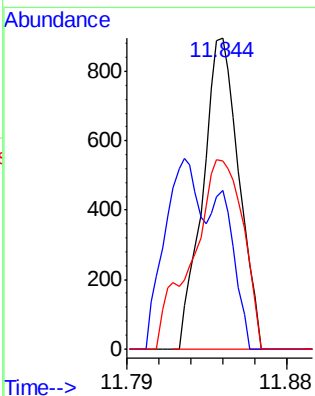
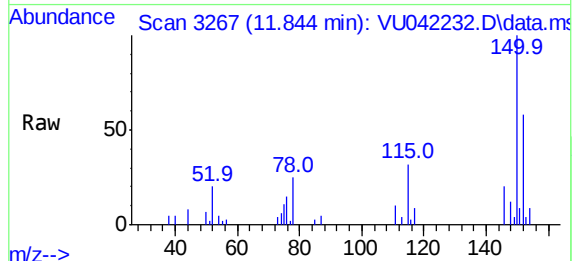




#63
1,4-Dichlorobenzene
Concen: 0.08 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

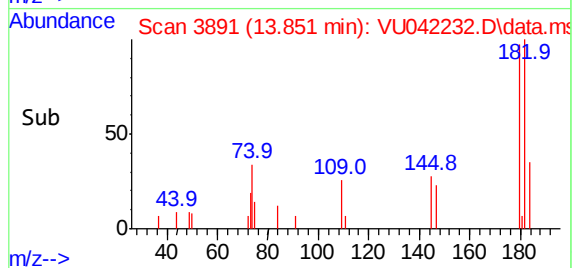
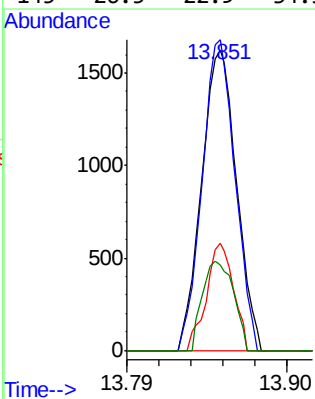
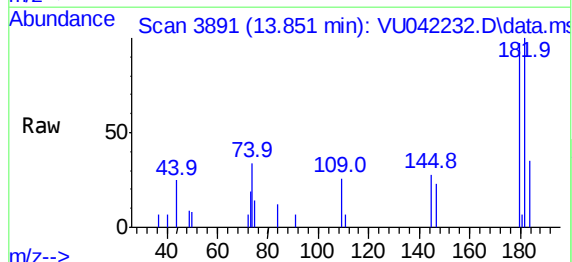
Instrument :
MSVOA_U
ClientSampleId :
CY671

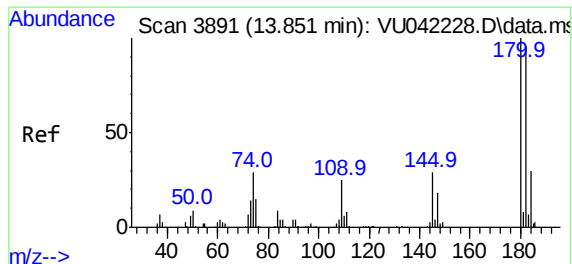
Tgt Ion:146 Resp: 1320
Ion Ratio Lower Upper
146 100
111 50.9 25.8 47.8#
148 60.5 44.1 81.9



#67
1,3,5-Trichlorobenzene
Concen: 0.21 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.621 min
Lab File: VU042232.D
Acq: 03 Feb 2021 14:39

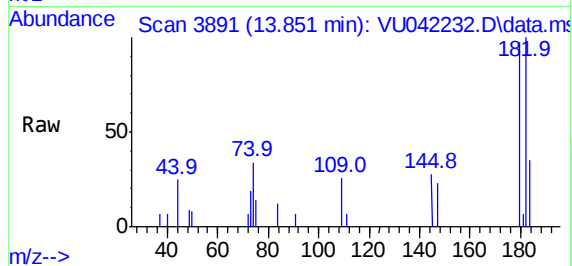
Tgt Ion:180 Resp: 2716
Ion Ratio Lower Upper
180 100
182 97.3 76.4 114.6
184 27.8 23.9 35.9
145 26.5 22.9 34.3





#68
 1,2,4-trichlorobenzene
 Concen: 0.26 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.000 min
 Lab File: VU042232.D
 Acq: 03 Feb 2021 14:39

Instrument :
 MSVOA_U
 ClientSampleId :
 CY671



Tgt Ion:180 Resp: 2716

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.3	114.5
145	26.5	23.7	35.5

