

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043709.D
 Acq On : 13 May 2021 16:46
 Operator : SY/MD
 Sample : M2376-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:50:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 01:48:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88193	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	88512	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	38791	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21533	3.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.80%
7) Chloroethane-d5	1.919	69	19822	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.572	65	11459	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.636	46	144877	65.80	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.60%#
24) Chloroform-d	5.073	84	59417	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.710	65	38085	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.736	84	98826	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.700	67	39315	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.906	98	77071	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloroprop...	8.186	79	13782	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.642	63	88668	62.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.82%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36171	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	32412	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	695	0.11	ug/L	96
5) Vinyl chloride	1.607	62	18430	3.09	ug/L	95
13) Acetone	2.646	43	5367	3.66	ug/L	99
15) Methyl Acetate	2.961	43	339	0.10	ug/L #	58
18) trans-1,2-Dichloroethene	3.363	96	1345	0.26	ug/L #	87
19) 1,1-Dichloroethane	3.877	63	13883	1.14	ug/L	94
22) cis-1,2-Dichloroethene	4.678	96	7249	1.20	ug/L	96
34) Trichloroethene	6.549	95	1651	0.28	ug/L	85
35) Methylcyclohexane	6.700	83	8499	1.10	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4742	0.68	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	910	0.10	ug/L #	54
42) Toluene	7.977	91	1623	0.07	ug/L	94
48) 2-Hexanone	8.694	43	4200	0.99	ug/L #	80
49) Dibromochloromethane	8.552	129	339	0.06	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5245	1.34	ug/L #	64
67) 1,2-Dichlorobenzene	12.218	146	710	0.07	ug/L #	70

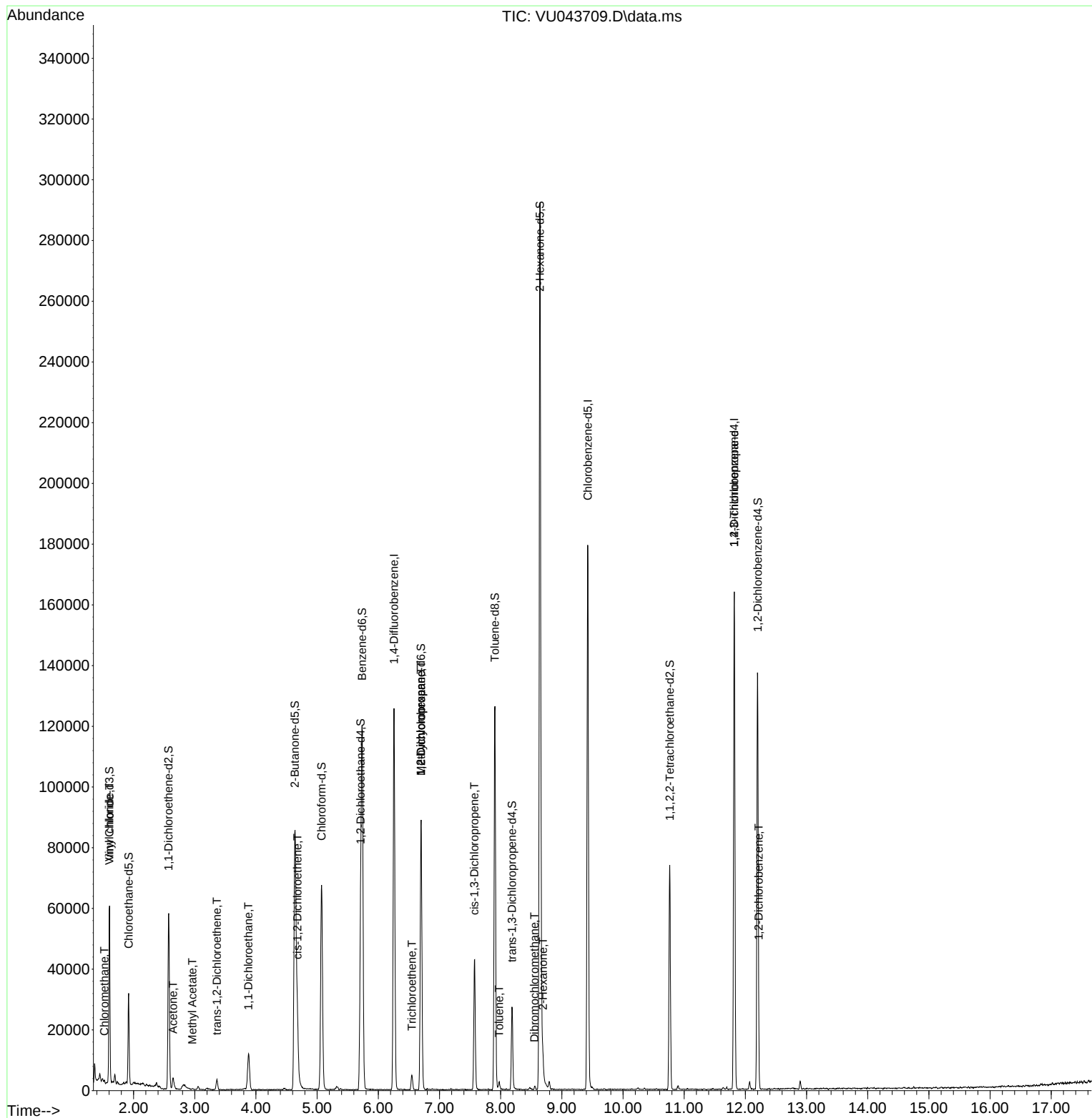
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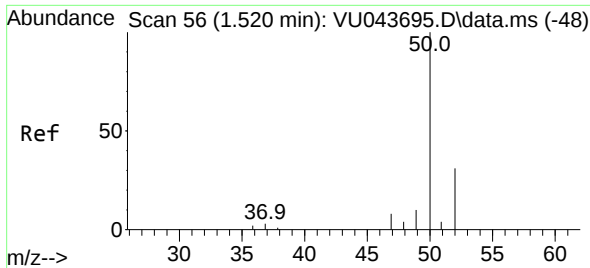
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
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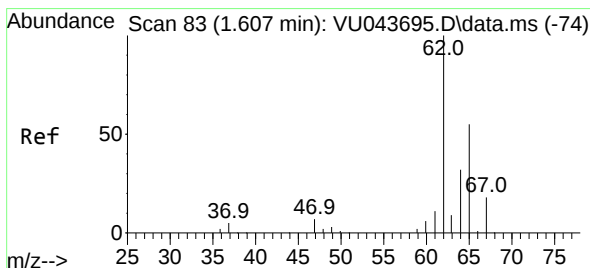
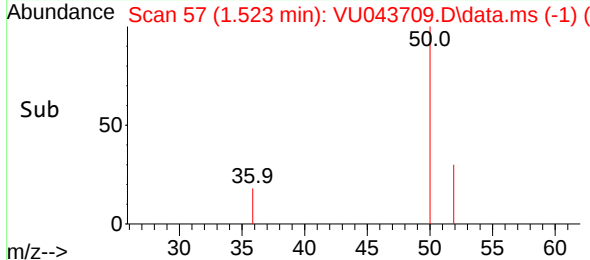
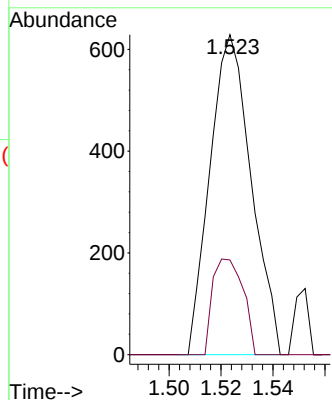
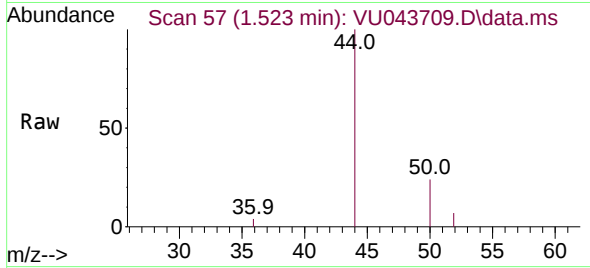




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

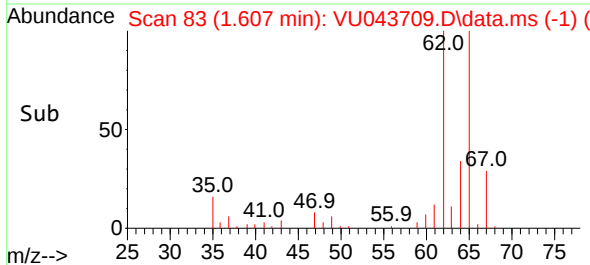
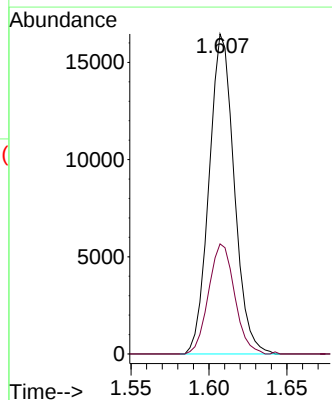
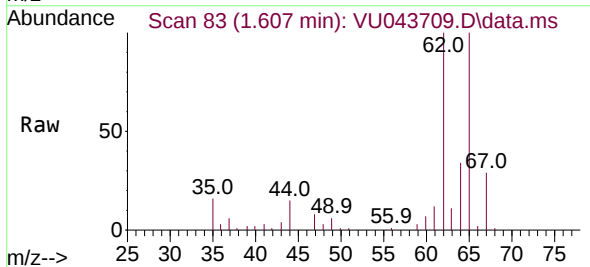
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MSVOA_U
ClientSampled :

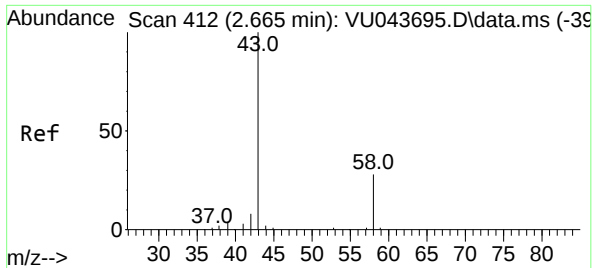
Tgt Ion: 50 Resp: 695
Ion Ratio Lower Upper
50 100
52 29.6 22.1 41.1



#5
Vinyl chloride
Concen: 3.09 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Tgt Ion: 62 Resp: 18430
Ion Ratio Lower Upper
62 100
64 34.4 22.3 41.3

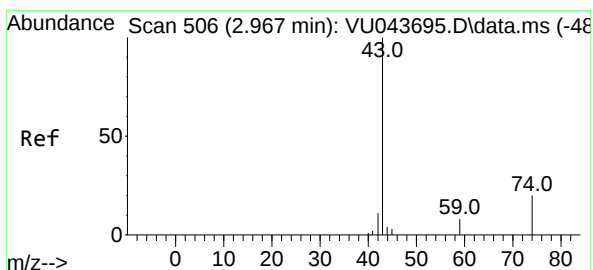
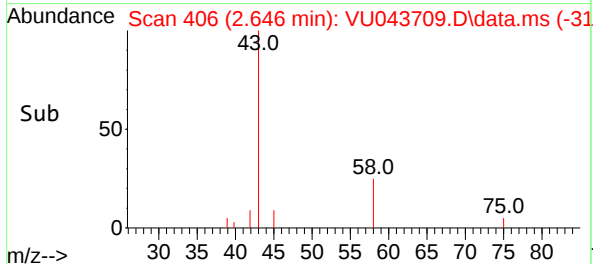
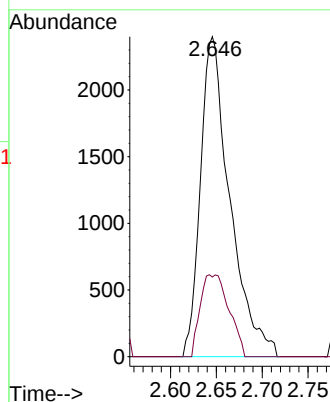
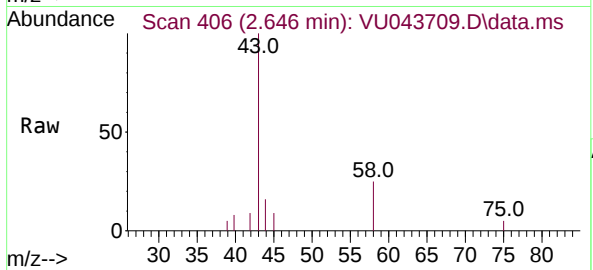




#13
Acetone
Concen: 3.66 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.019 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

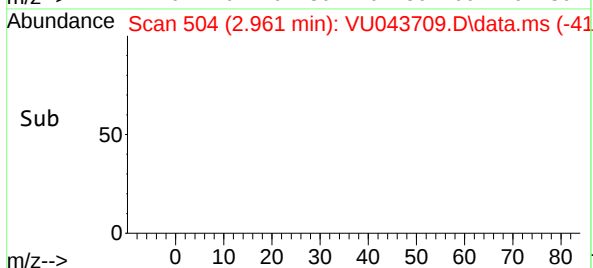
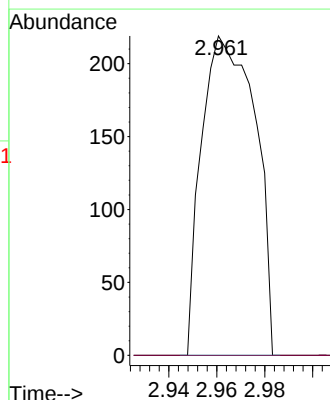
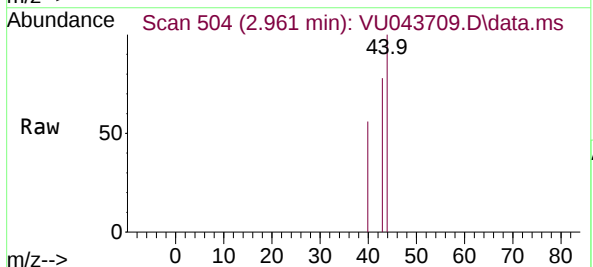
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ClientSampled :

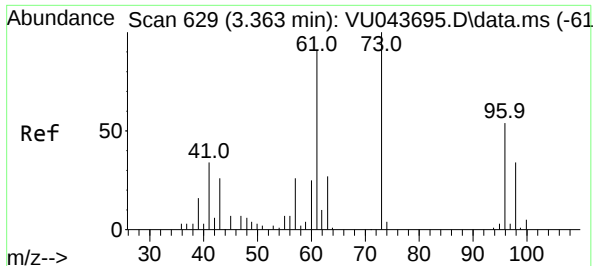
Tgt Ion: 43 Resp: 5367
Ion Ratio Lower Upper
43 100
58 24.8 0.0 50.8



#15
Methyl Acetate
Concen: 0.10 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.006 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
74 0.0 15.2 22.8#

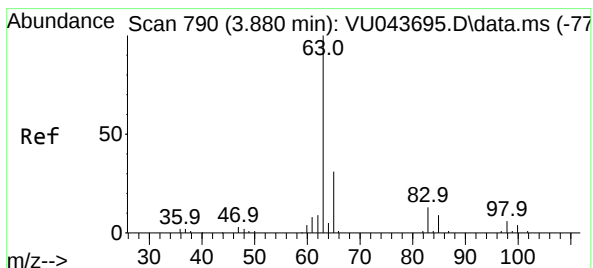
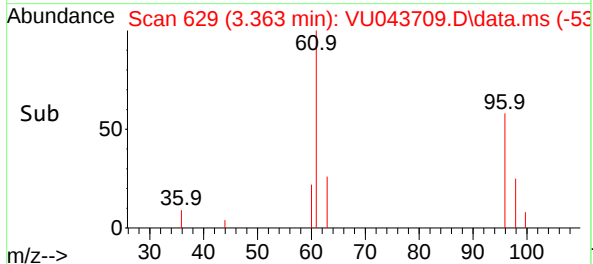
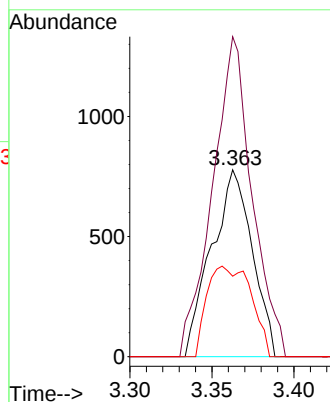
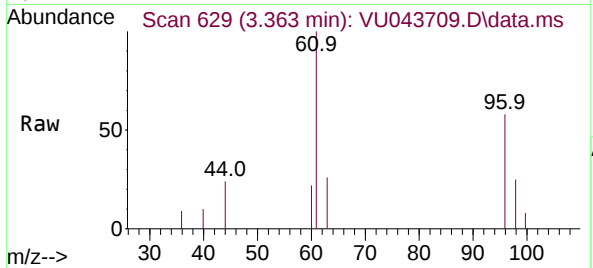




#18
trans-1,2-Dichloroethene
Concen: 0.26 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

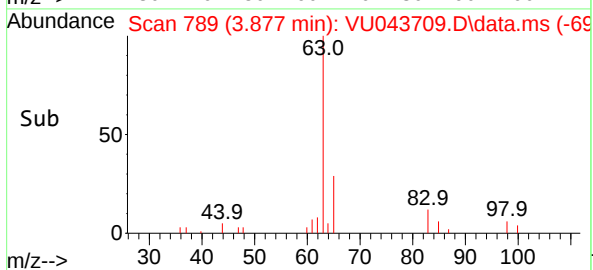
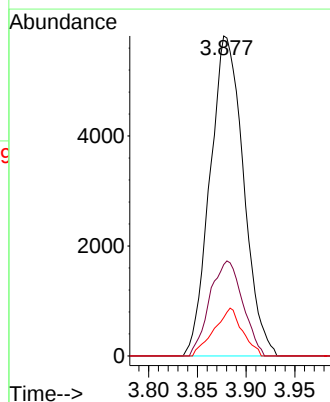
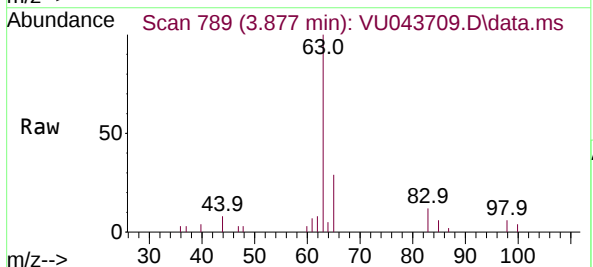
Instrument :
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ClientSampled :

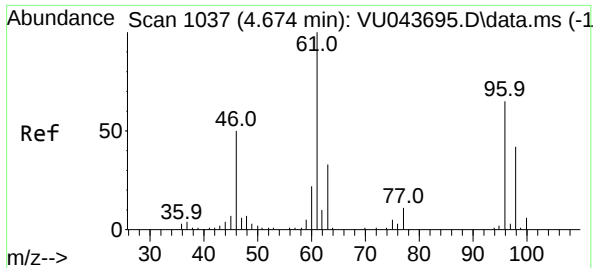
Tgt Ion: 96 Resp: 1345
Ion Ratio Lower Upper
96 100
61 171.2 113.5 210.9
98 43.1 45.4 84.2#



#19
1,1-Dichloroethane
Concen: 1.14 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Tgt Ion: 63 Resp: 13883
Ion Ratio Lower Upper
63 100
65 28.5 22.7 42.1
83 12.0 9.4 17.4





#22

cis-1,2-Dichloroethene

Concen: 1.20 ug/L

RT: 4.678 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VU043709.D

Acq: 13 May 2021 16:46

Tgt Ion: 96 Resp: 7249

Ion Ratio Lower Upper

96 100

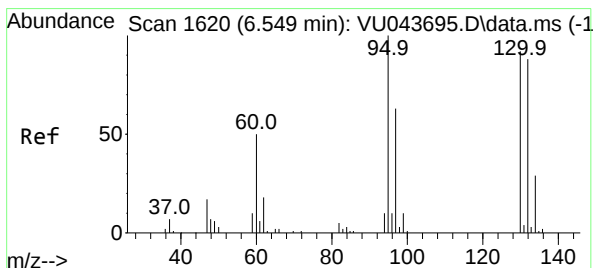
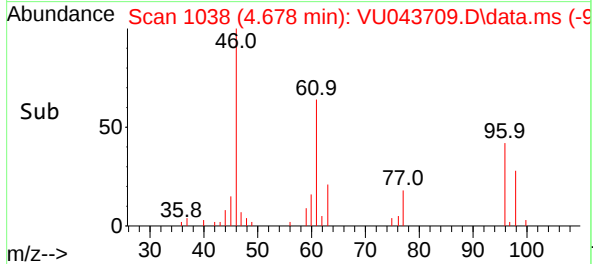
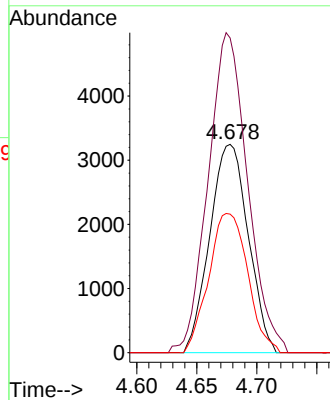
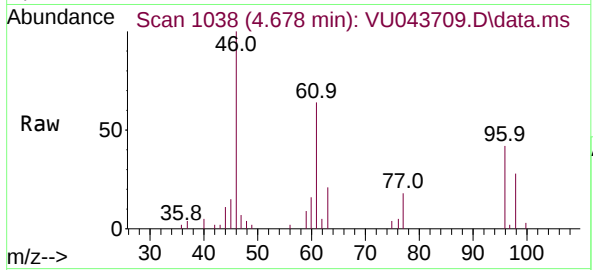
61 151.0 102.8 190.8

98 66.5 42.8 79.6

Instrument :

MSVOA_U

ClientSampled :



#34

Trichloroethene

Concen: 0.28 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VU043709.D

Acq: 13 May 2021 16:46

Tgt Ion: 95 Resp: 1651

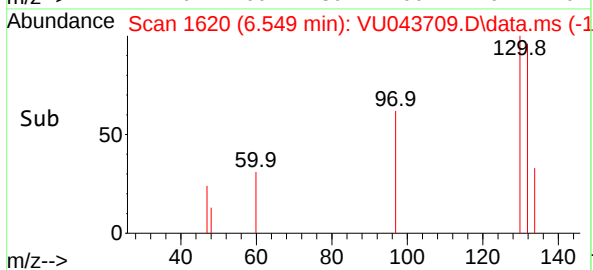
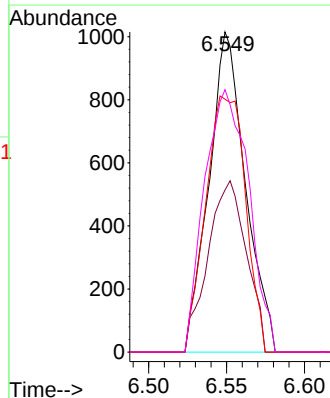
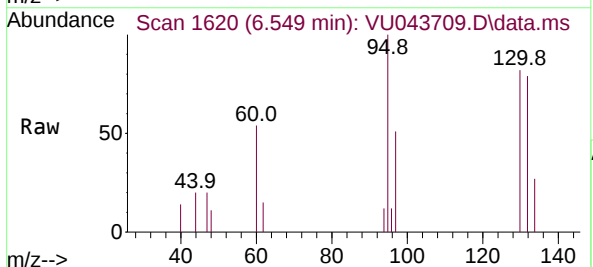
Ion Ratio Lower Upper

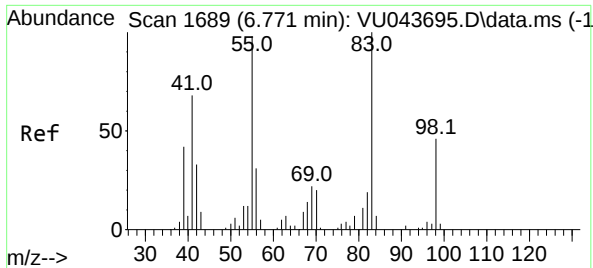
95 100

97 50.6 46.5 86.5

132 79.0 64.1 119.1

130 82.0 67.3 125.1

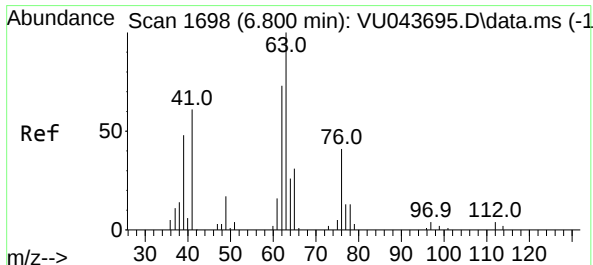
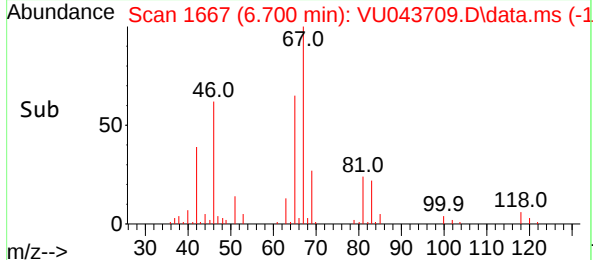
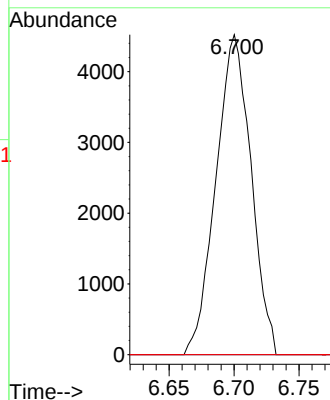
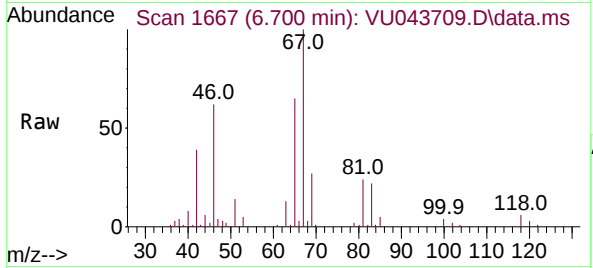




#35
Methylcyclohexane
Concen: 1.10 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

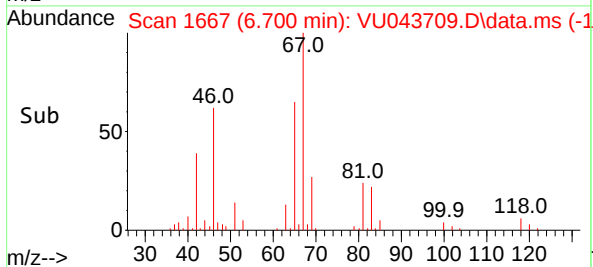
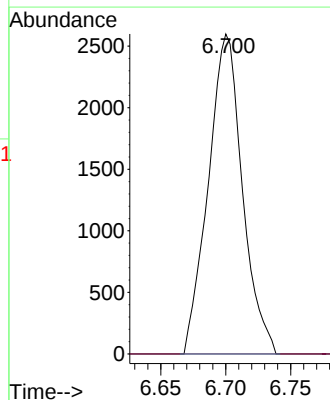
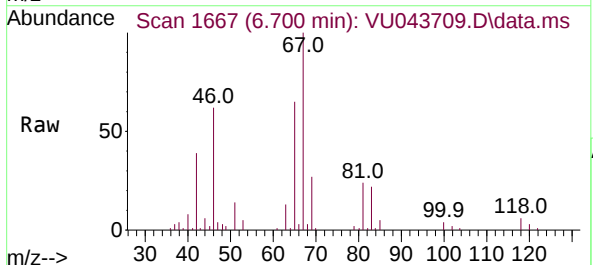
Instrument :
MSVOA_U
ClientSampled :

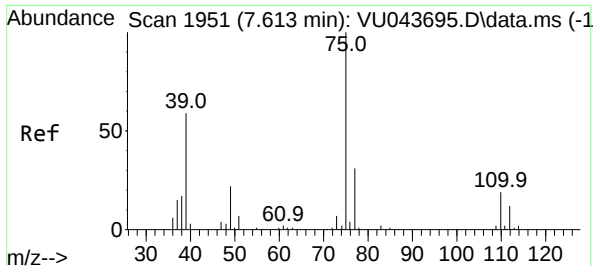
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	1.0	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



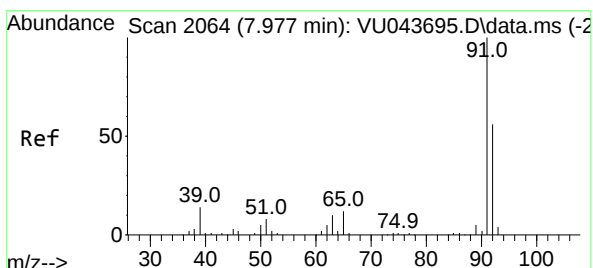
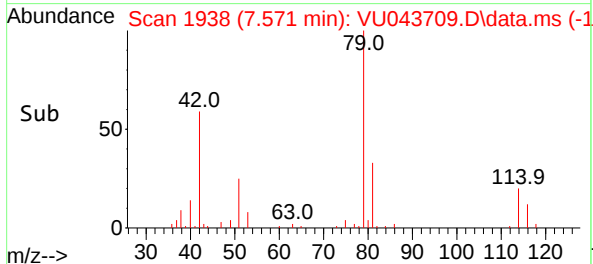
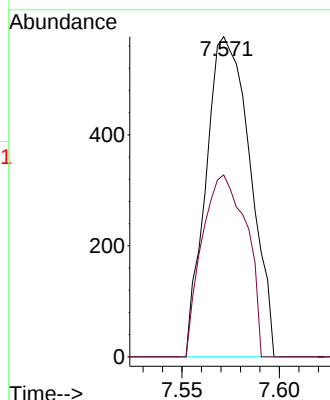
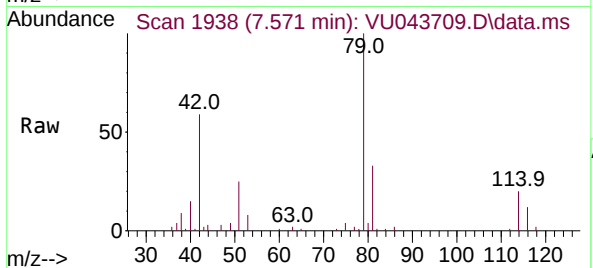


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Instrument :
MSVOA_U
ClientSampled :

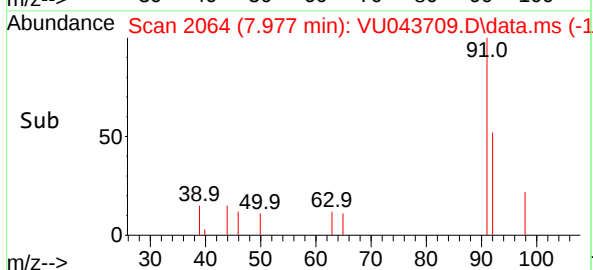
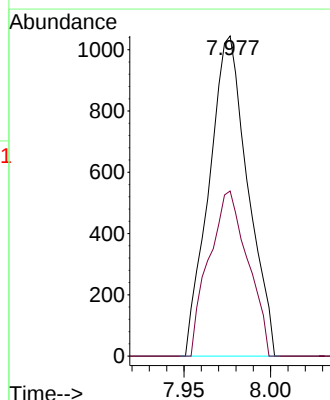
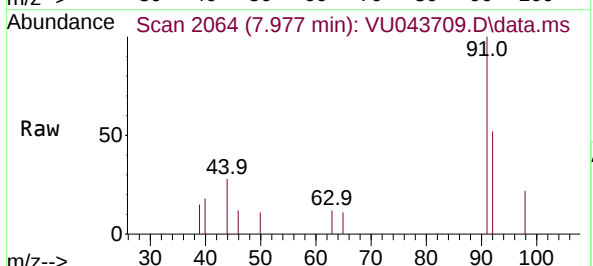
Tgt Ion: 75 Resp: 910
Ion Ratio Lower Upper
75 100
77 56.8 21.9 40.7#

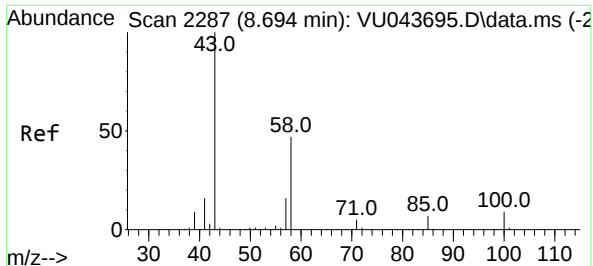


#42

Toluene
Concen: 0.07 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Tgt Ion: 91 Resp: 1623
Ion Ratio Lower Upper
91 100
92 51.6 39.1 72.5

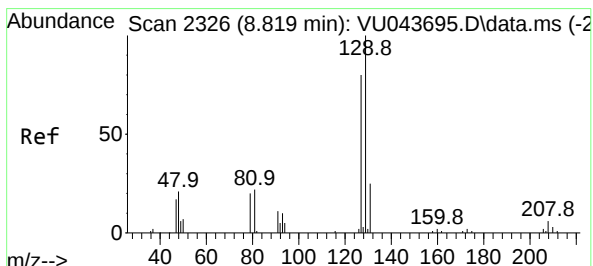
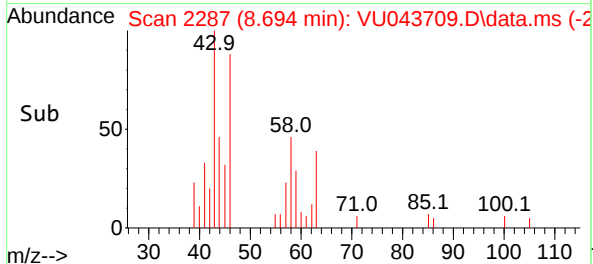
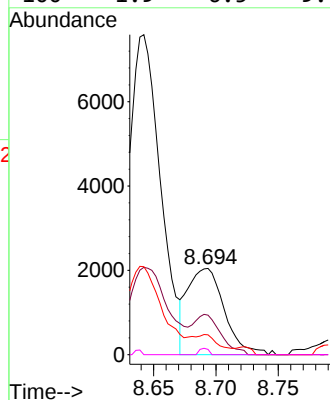
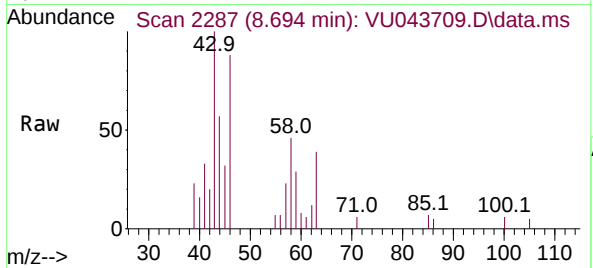




#48
2-Hexanone
Concen: 0.99 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

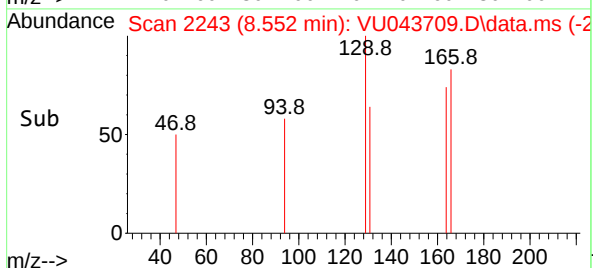
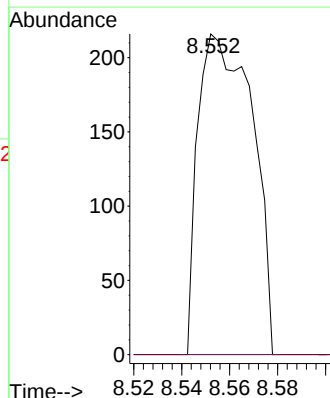
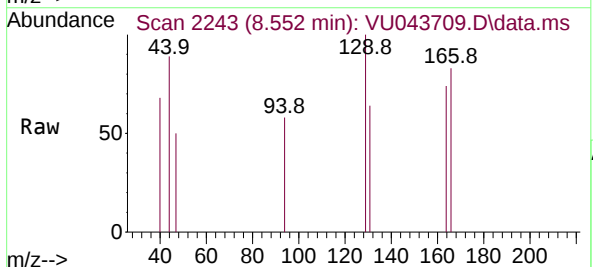
Instrument :
MSVOA_U
ClientSampled :

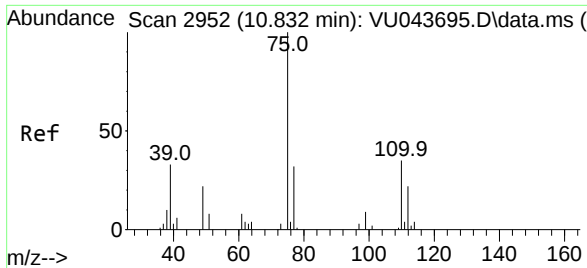
Tgt Ion: 43	Resp: 4200
Ion Ratio	Lower Upper
43	100
58	34.5 36.8 55.2#
57	3.7 13.2 19.8#
100	1.9 6.5 9.7#



#49
Dibromochloromethane
Concen: 0.06 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.267 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Tgt Ion: 129	Resp: 339
Ion Ratio	Lower Upper
129	100
127	0.0 52.4 97.4#

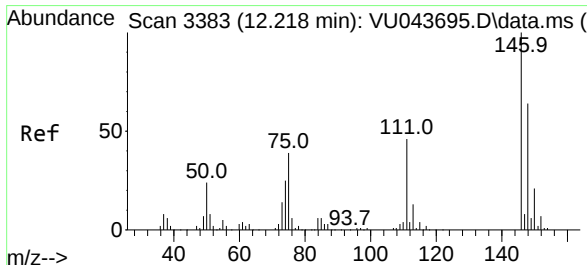
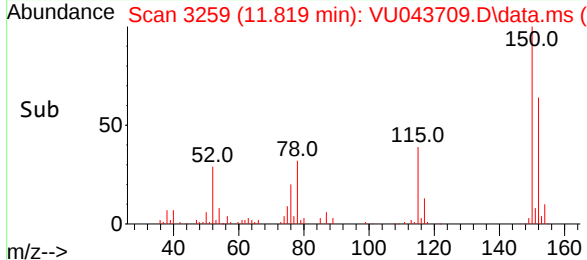
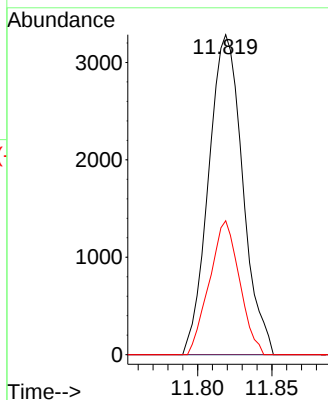
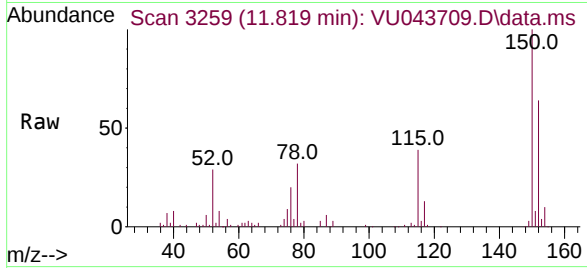




#61
1,2,3-Trichloropropane
Concen: 1.34 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 5245
Ion Ratio Lower Upper
75 100
110 0.0 28.6 42.8#
77 36.9 25.7 38.5



#67
1,2-Dichlorobenzene
Concen: 0.07 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU043709.D
Acq: 13 May 2021 16:46

Tgt Ion: 146 Resp: 710
Ion Ratio Lower Upper
146 100
111 64.0 32.6 49.0#
148 84.2 51.8 77.8#

