

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043710.D
 Acq On : 13 May 2021 17:10
 Operator : SY/MD
 Sample : M2376-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:50:41 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	89089	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	88353	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	38183	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21716	3.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.60%
7) Chloroethane-d5	1.919	69	19430	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.572	65	11241	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.636	46	141855	63.78	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.56%
24) Chloroform-d	5.073	84	58761	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.710	65	37867	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.735	84	96989	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.700	67	39215	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.906	98	76863	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloroprop...	8.185	79	13985	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.642	63	86417	60.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.88%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34695	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	31423	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	870	0.14	ug/L	89
5) Vinyl chloride	1.607	62	22059	3.66	ug/L	98
13) Acetone	2.642	43	4424	2.98	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	1621	0.31	ug/L	81
19) 1,1-Dichloroethane	3.880	63	17363	1.41	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	9518	1.56	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	1221	0.12	ug/L	97
34) Trichloroethene	6.552	95	2241	0.38	ug/L	90
35) Methylcyclohexane	6.697	83	8396	1.09	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4488	0.65	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	858	0.09	ug/L #	50
42) Toluene	7.976	91	1609	0.07	ug/L	95
48) 2-Hexanone	8.687	43	3624	0.86	ug/L #	98
49) Dibromochloromethane	8.565	129	346	0.06	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5131	1.33	ug/L #	67
67) 1,2-Dichlorobenzene	12.221	146	679	0.07	ug/L #	90

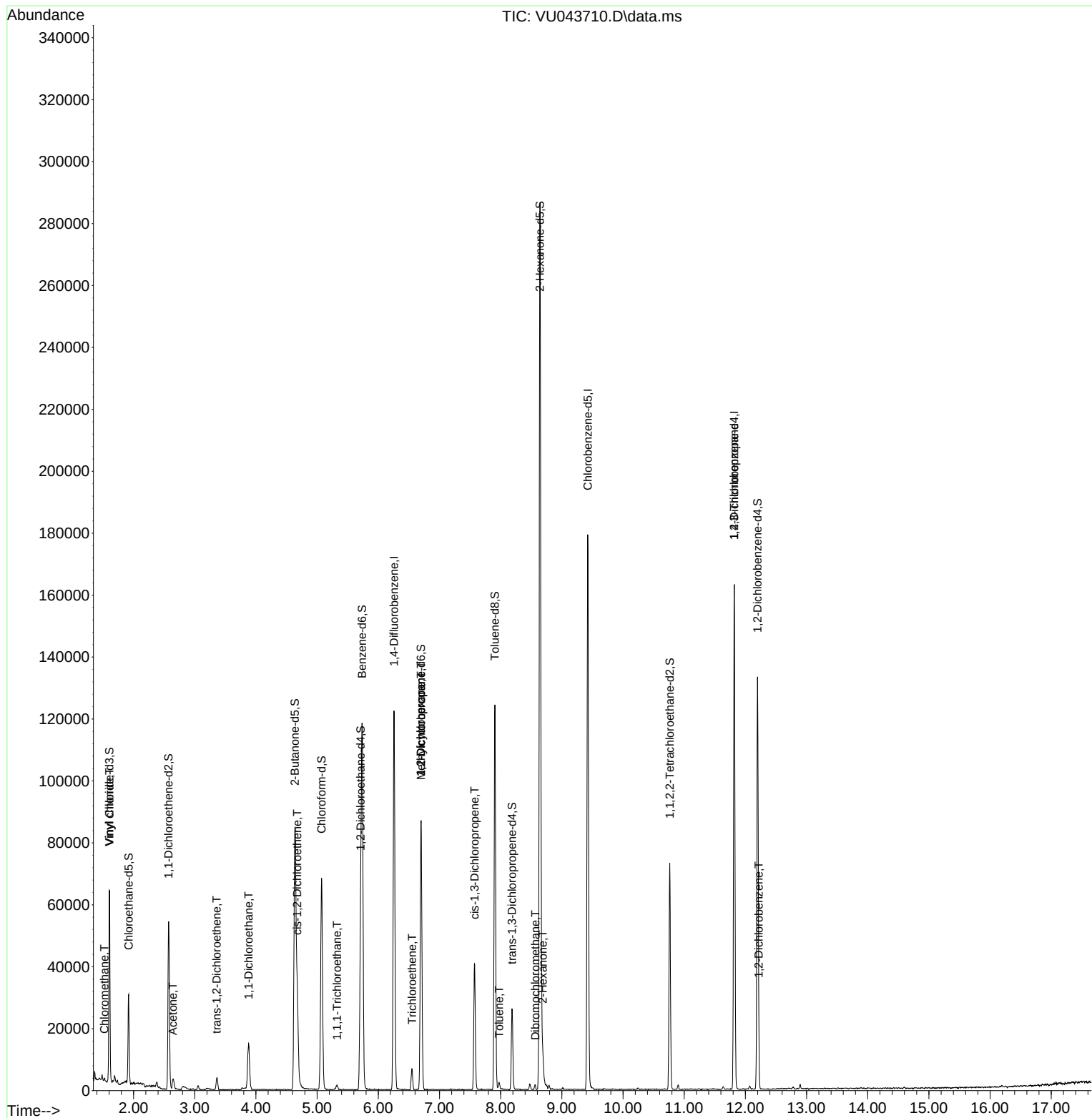
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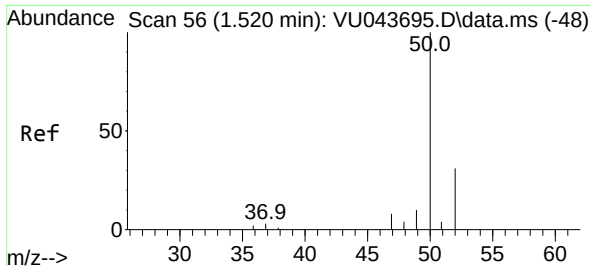
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
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Quant Time: May 14 01:50:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
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QLast Update : Fri May 14 01:48:16 2021
Response via : Initial Calibration

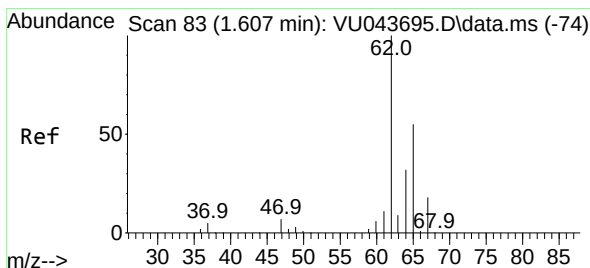
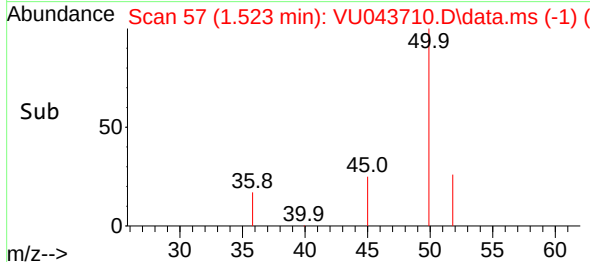
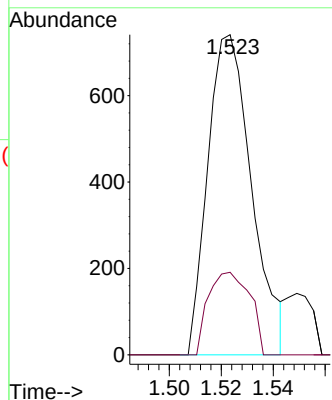
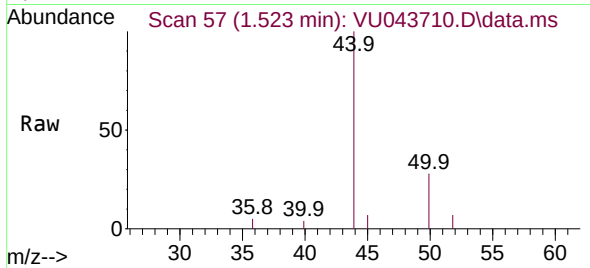




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

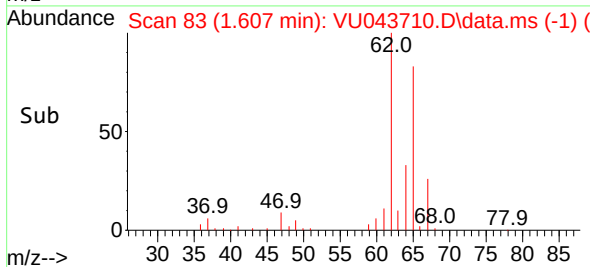
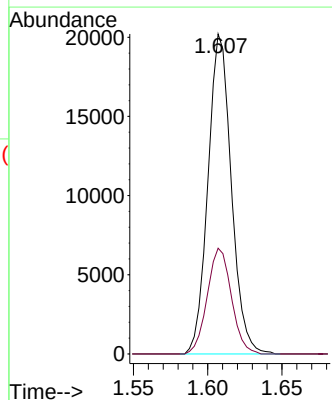
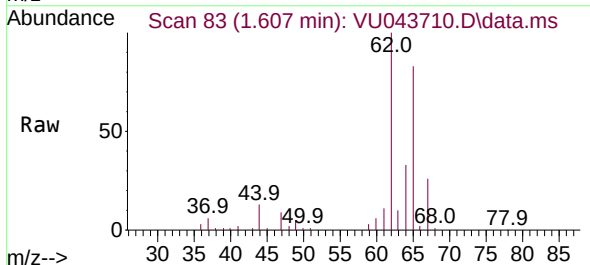
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MSVOA_U
ClientSampled :

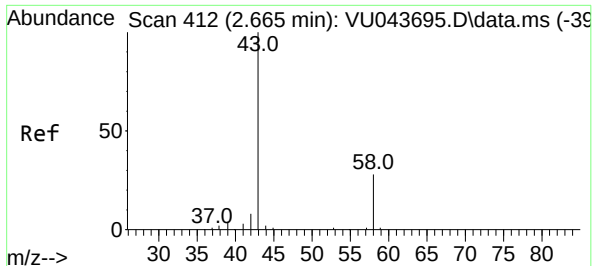
Tgt Ion: 50 Resp: 870
Ion Ratio Lower Upper
50 100
52 25.8 22.1 41.1



#5
Vinyl chloride
Concen: 3.66 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

Tgt Ion: 62 Resp: 22059
Ion Ratio Lower Upper
62 100
64 33.1 22.3 41.3

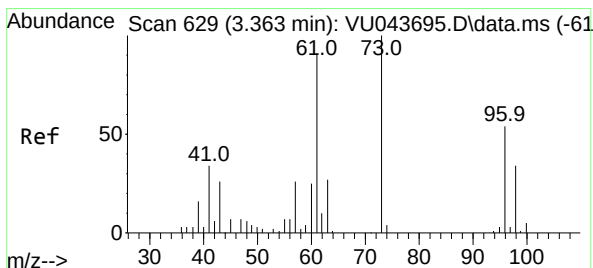
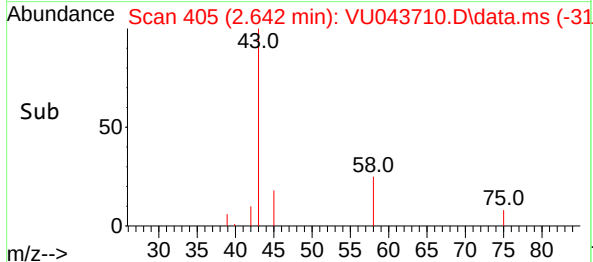
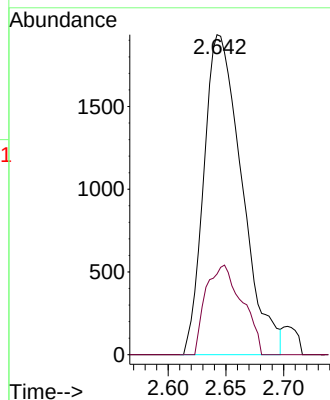
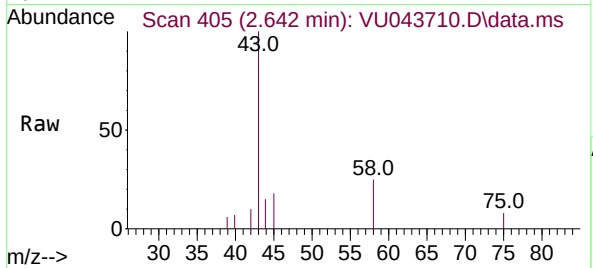




#13
Acetone
Concen: 2.98 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.023 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

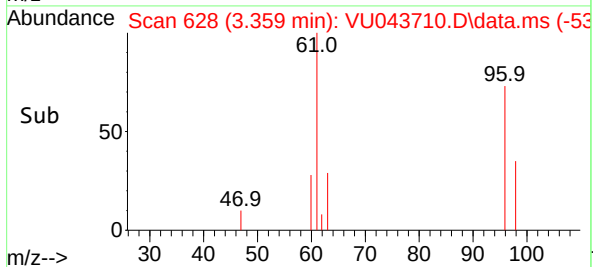
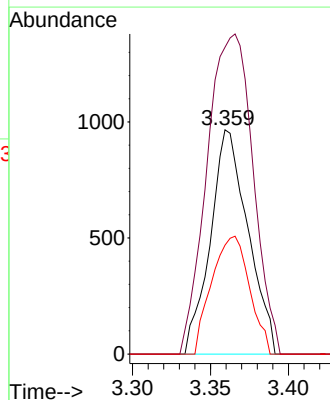
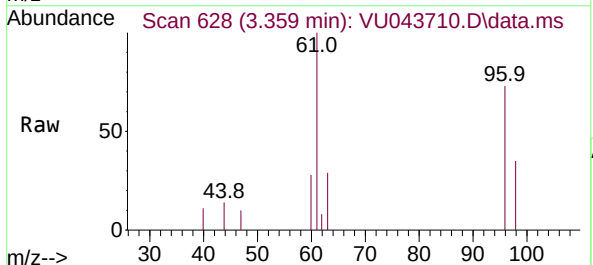
Instrument :
MSVOA_U
ClientSampled :

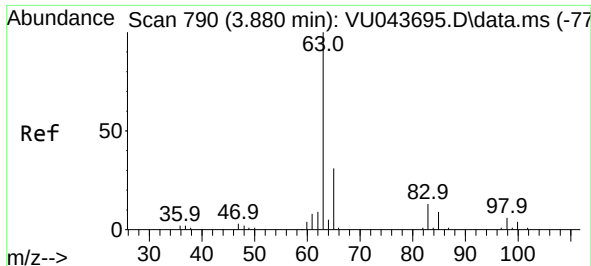
Tgt Ion: 43 Resp: 4424
Ion Ratio Lower Upper
43 100
58 26.6 0.0 50.8



#18
trans-1,2-Dichloroethene
Concen: 0.31 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

Tgt Ion: 96 Resp: 1621
Ion Ratio Lower Upper
96 100
61 136.9 113.5 210.9
98 48.6 45.4 84.2

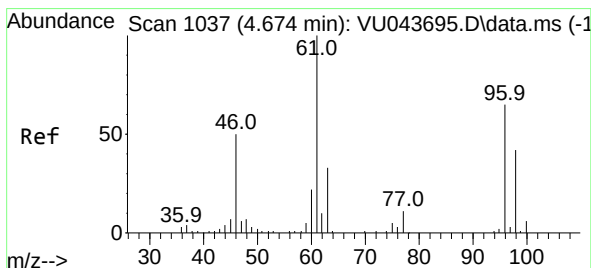
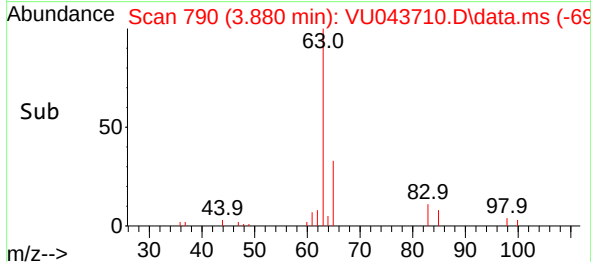
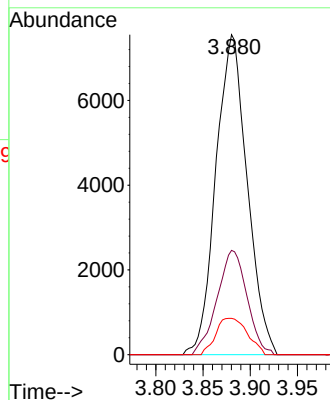
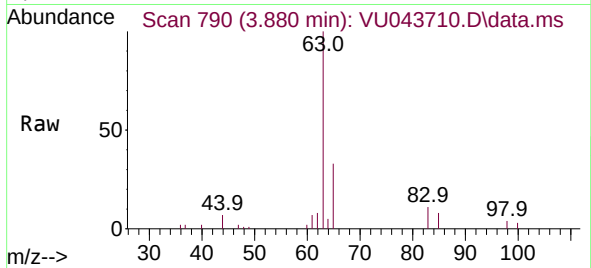




#19
1,1-Dichloroethane
Concen: 1.41 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

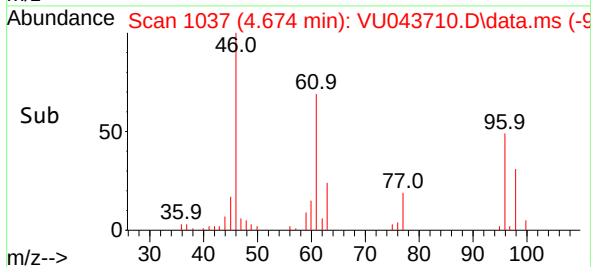
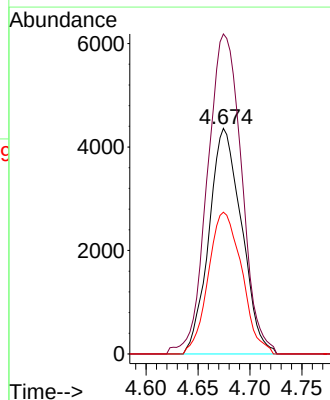
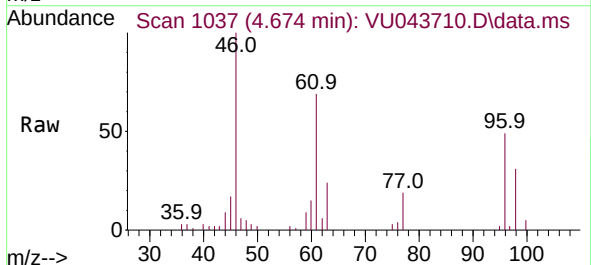
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ClientSampleId :

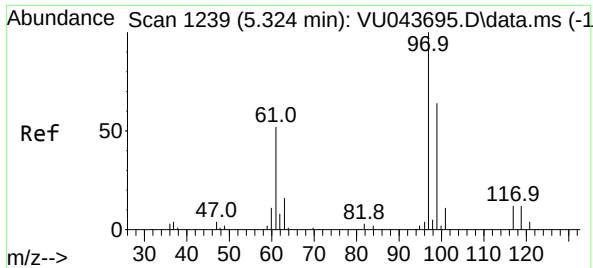
Tgt Ion:	63	Resp:	17363
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.7	42.1
83	11.4	9.4	17.4



#22
cis-1,2-Dichloroethene
Concen: 1.56 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

Tgt Ion:	96	Resp:	9518
Ion	Ratio	Lower	Upper
96	100		
61	141.9	102.8	190.8
98	62.8	42.8	79.6

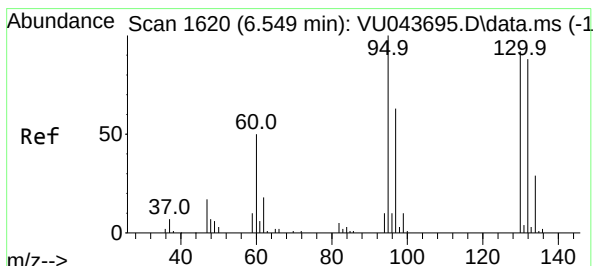
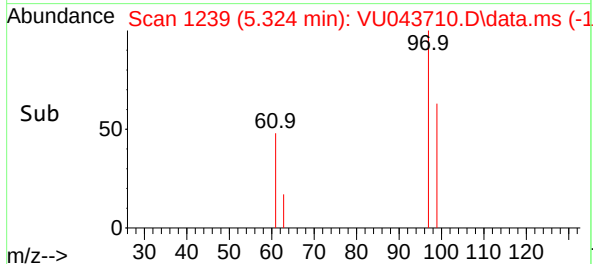
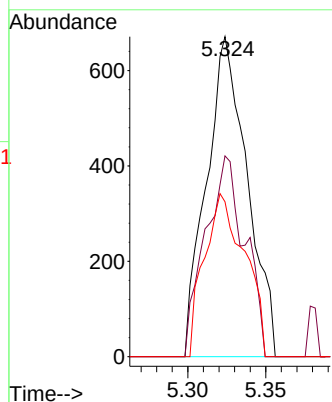
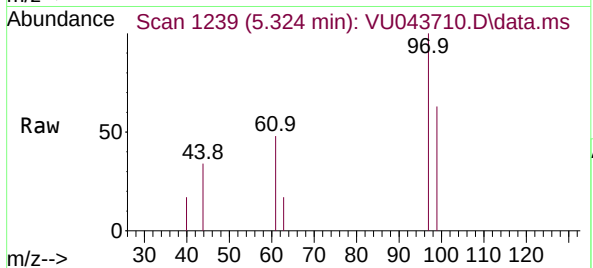




#29
1,1,1-Trichloroethane
Concen: 0.12 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

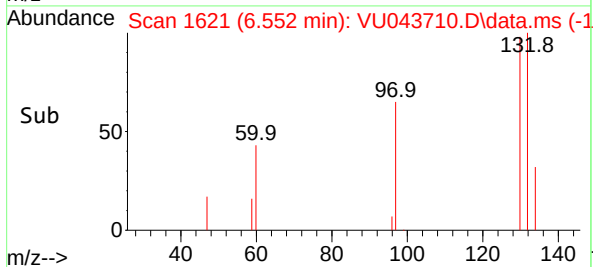
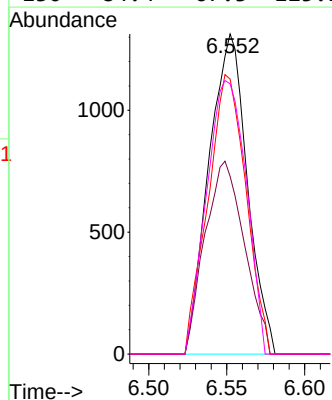
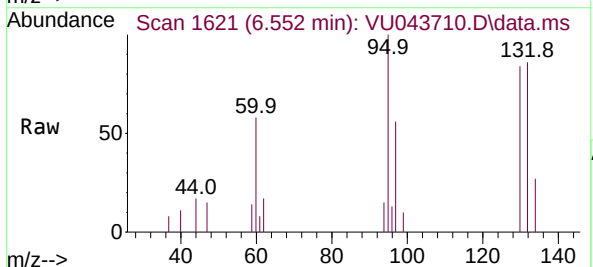
Instrument :
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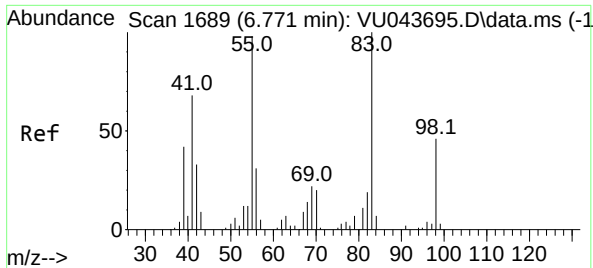
Tgt Ion:	97	Resp:	1221
Ion	Ratio	Lower	Upper
97	100		
99	60.6	51.8	77.6
61	50.5	39.8	59.8



#34
Trichloroethene
Concen: 0.38 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

Tgt Ion:	95	Resp:	2241
Ion	Ratio	Lower	Upper
95	100		
97	55.5	46.5	86.5
132	85.9	64.1	119.1
130	84.4	67.3	125.1

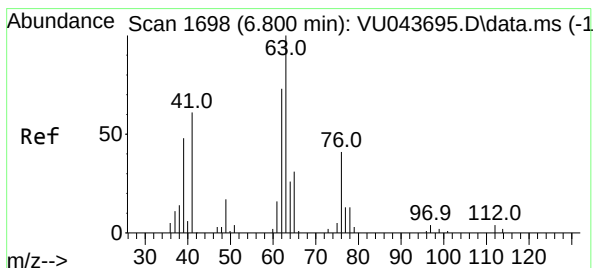
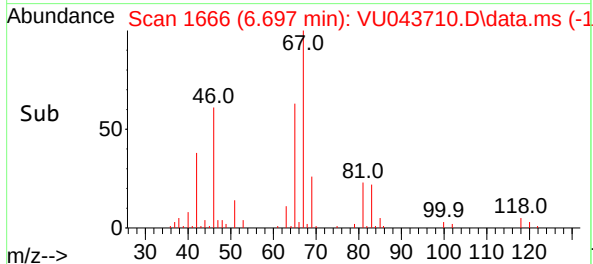
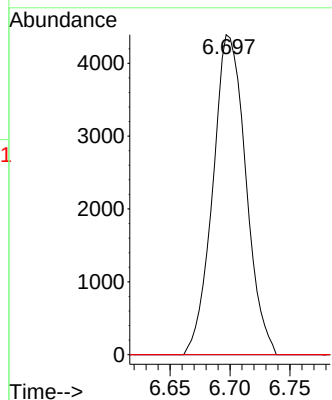
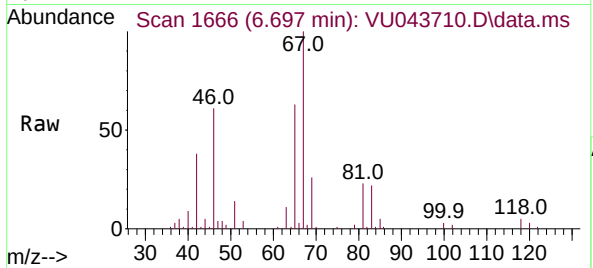




#35
Methylcyclohexane
Concen: 1.09 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

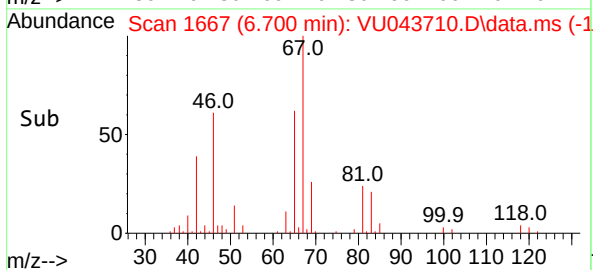
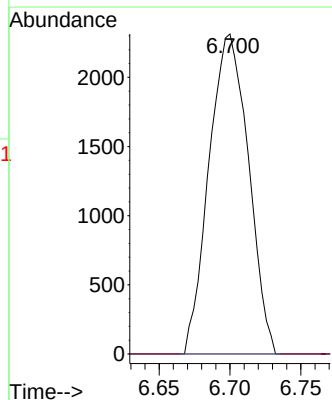
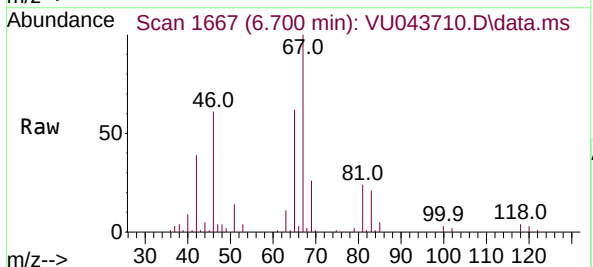
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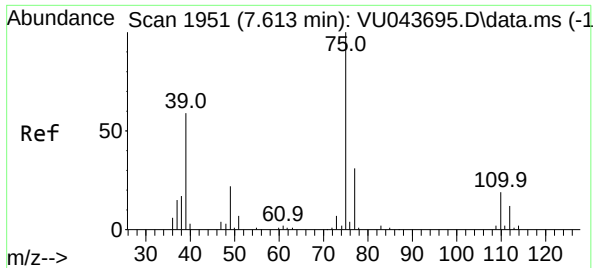
Tgt Ion:	83	Resp:	8396
Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	1.5	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

Tgt Ion:	63	Resp:	4488
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

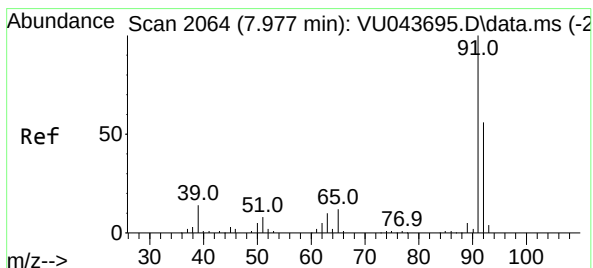
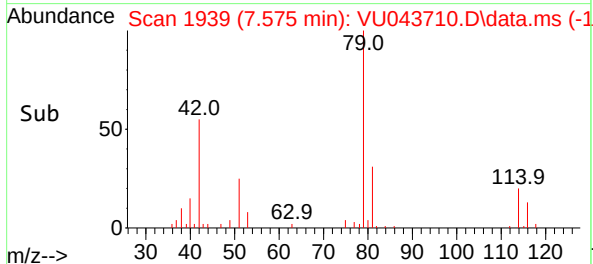
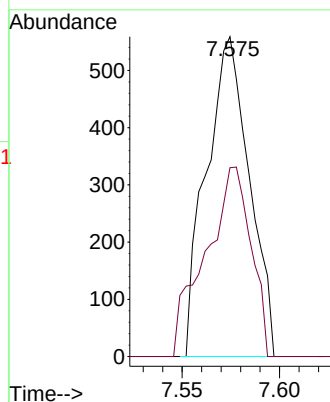
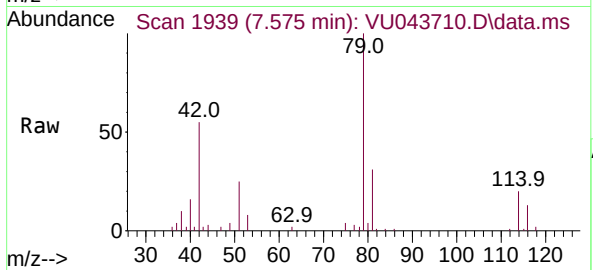




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

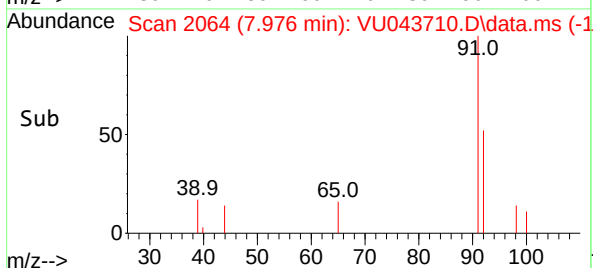
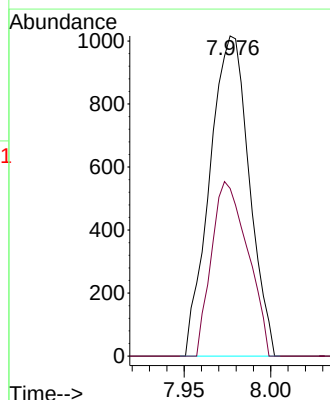
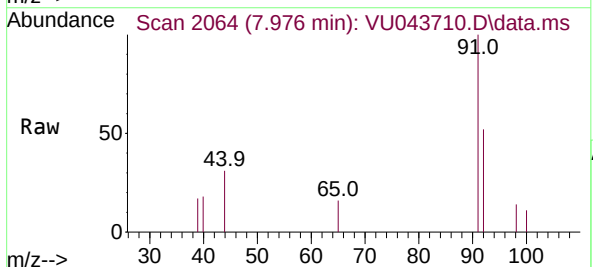
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MSVOA_U
ClientSampleId :

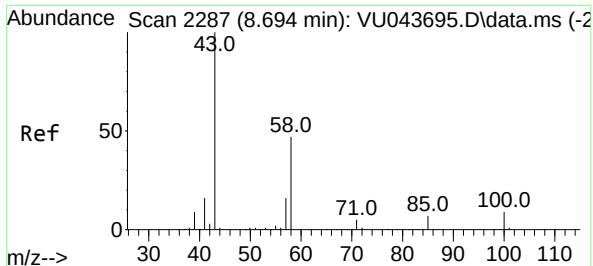
Tgt Ion: 75 Resp: 858
Ion Ratio Lower Upper
75 100
77 59.0 21.9 40.7#



#42
Toluene
Concen: 0.07 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

Tgt Ion: 91 Resp: 1609
Ion Ratio Lower Upper
91 100
92 52.4 39.1 72.5

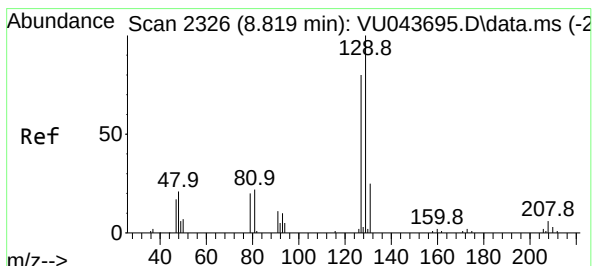
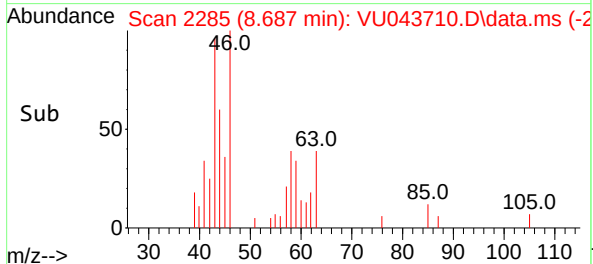
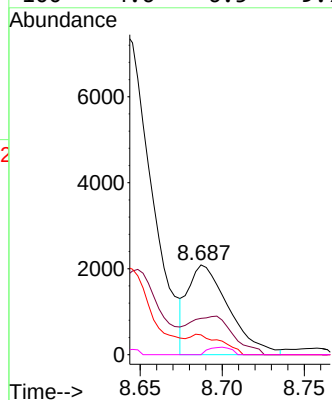
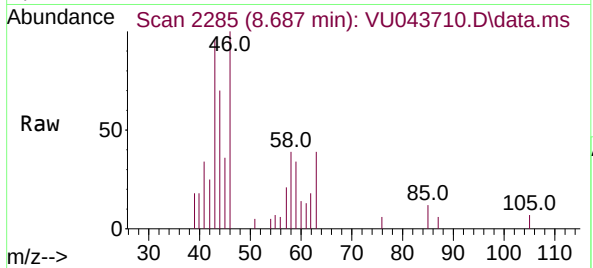




#48
2-Hexanone
Concen: 0.86 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.007 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

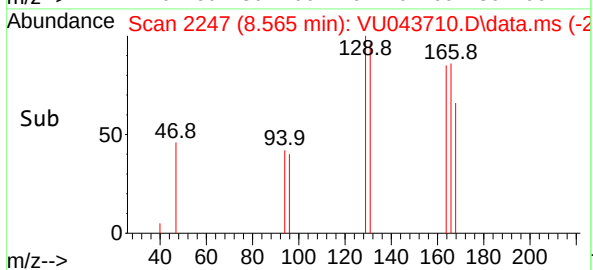
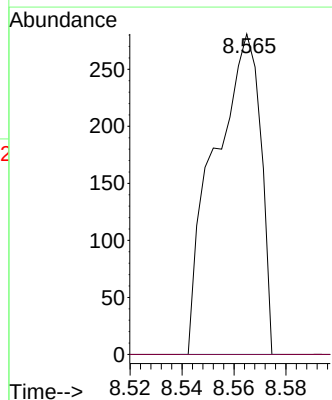
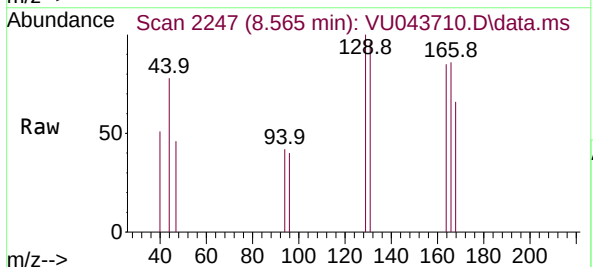
Instrument :
MSVOA_U
ClientSampleId :

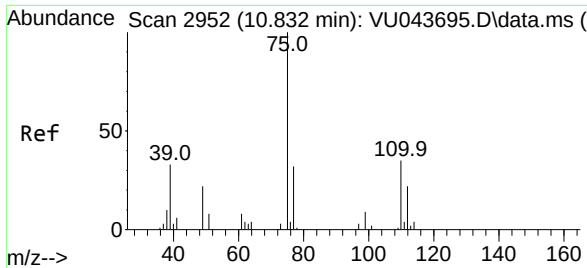
Tgt Ion: 43	Resp: 3624
Ion Ratio	Lower Upper
43	100
58	46.3 36.8 55.2
57	17.4 13.2 19.8
100	4.6 6.5 9.7#



#49
Dibromochloromethane
Concen: 0.06 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. -0.254 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

Tgt Ion: 129	Resp: 346
Ion Ratio	Lower Upper
129	100
127	0.0 52.4 97.4#

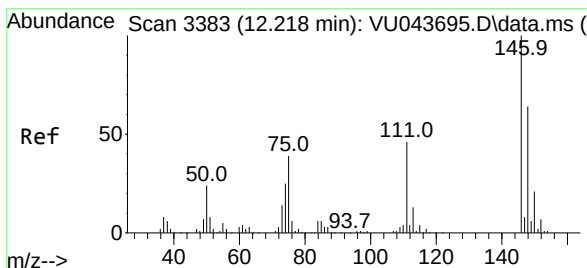
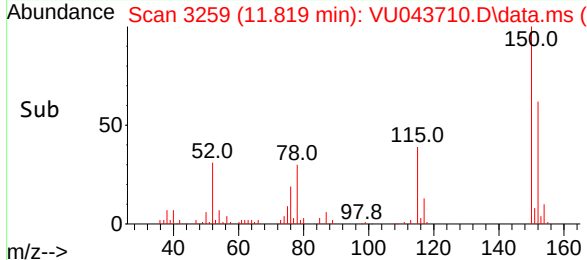
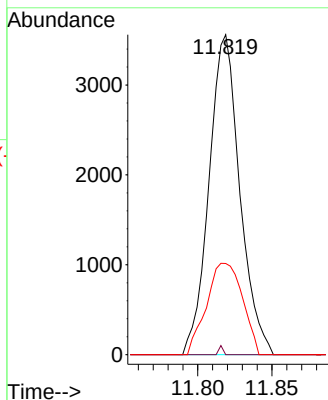
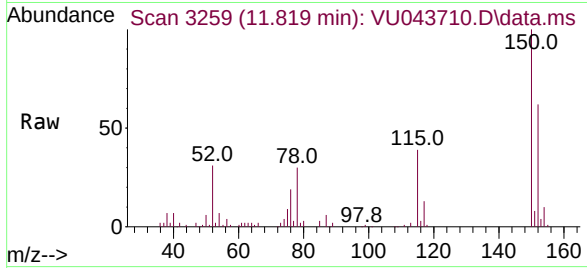




#61
1,2,3-Trichloropropane
Concen: 1.33 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 5131
Ion Ratio Lower Upper
75 100
110 0.4 28.6 42.8#
77 33.3 25.7 38.5



#67
1,2-Dichlorobenzene
Concen: 0.07 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU043710.D
Acq: 13 May 2021 17:10

Tgt Ion: 146 Resp: 679
Ion Ratio Lower Upper
146 100
111 51.3 32.6 49.0#
148 68.9 51.8 77.8

