

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042267.D
 Acq On : 04 Feb 2021 15:49
 Operator : SY/MD
 Sample : M1323-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 02:25:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 05 02:23:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	96095	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	89286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	47186	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27989	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.919	69	24530	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.575	63	52317	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.645	46	99501	43.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.98%
24) Chloroform-d	5.076	84	63500	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.713	65	41180	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.739	84	119672	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.700	67	39981	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.906	98	108818	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloroprop...	8.189	79	15974	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.645	63	87016	52.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.86%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33822	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	43229	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	402	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	378	0.06	ug/L #	1
16) Methylene chloride	3.060	84	1069	0.14	ug/L	75
22) cis-1,2-Dichloroethene	4.678	96	6470	0.88	ug/L	99
25) Chloroform	5.099	83	1672	0.13	ug/L	96
27) 1,2-Dichloroethane	5.735	62	671	0.07	ug/L #	75
33) Benzene	5.735	78	967	0.04	ug/L	100
34) Trichloroethene	6.549	95	3423	0.48	ug/L	93
35) Methylcyclohexane	6.703	83	9300	0.78	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5064	0.73	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1109	0.10	ug/L #	66
44) trans-1,3-Dichloropropene	8.185	75	728	0.07	ug/L #	76
47) Tetrachloroethene	8.562	164	30636	5.20	ug/L	97
48) 2-Hexanone	8.645	43	12696	3.09	ug/L #	69
49) Dibromochloromethane	8.562	129	28461	4.18	ug/L #	12
59) 1,2,3-Trichloropropane	11.822	75	5751	1.18	ug/L	100

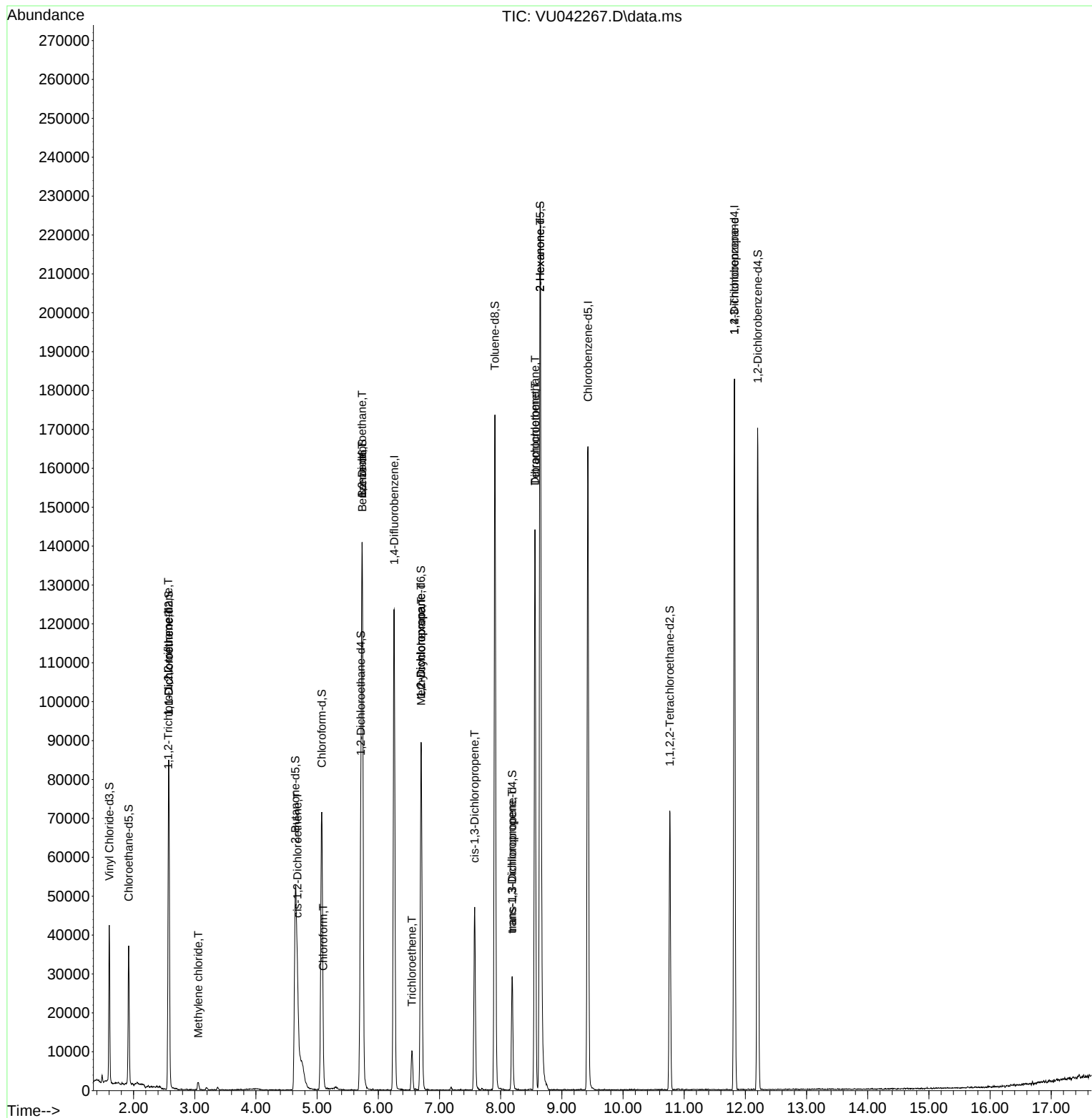
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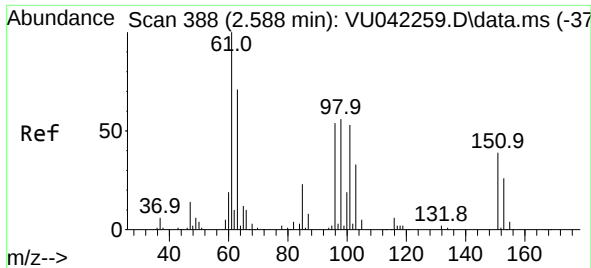
Instrument :
MSVOA_U
ClientSampleId :

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Quant Time: Feb 05 02:25:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 05 02:23:43 2021
Response via : Initial Calibration

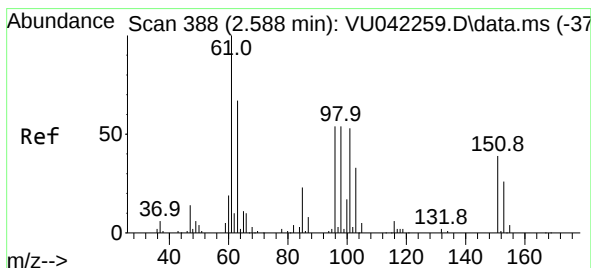
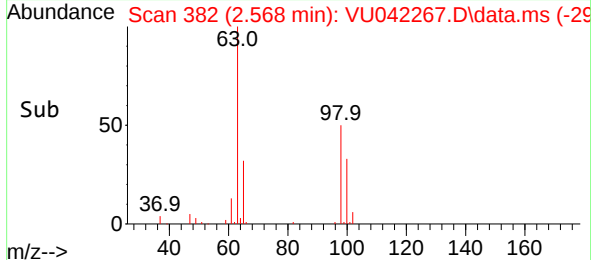
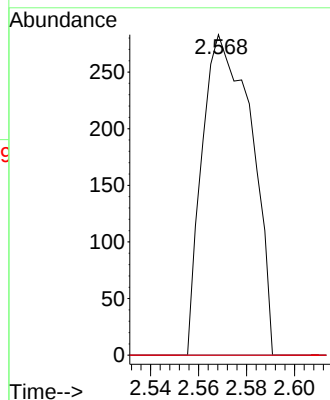
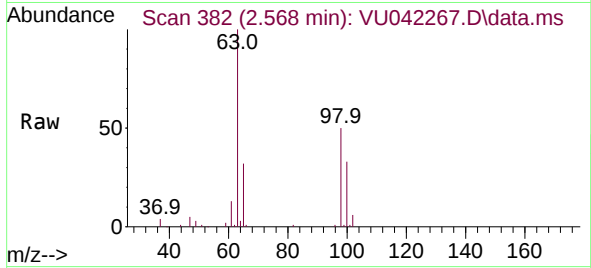




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.020 min
Lab File: VU042267.D
Acq: 04 Feb 2021 15:49

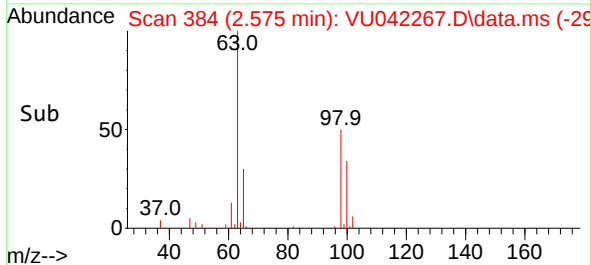
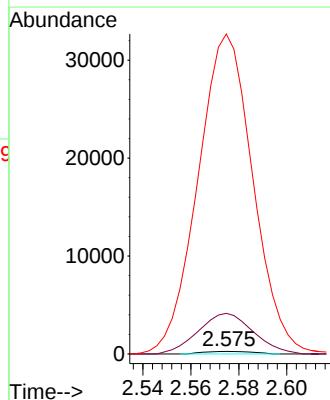
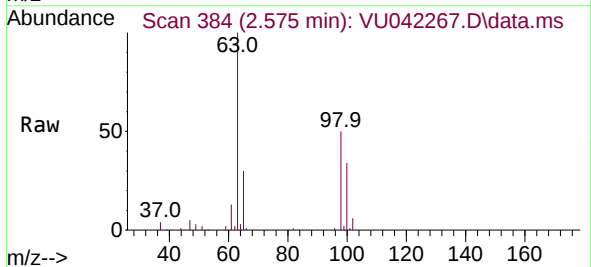
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MSVOA_U
ClientSampleId :

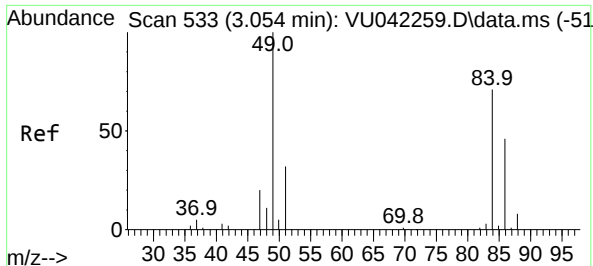
Tgt Ion:101 Resp: 402
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042267.D
Acq: 04 Feb 2021 15:49

Tgt Ion: 96 Resp: 378
Ion Ratio Lower Upper
96 100
61 1585.5 126.2 234.4#
63 12473.3 77.8 144.4#

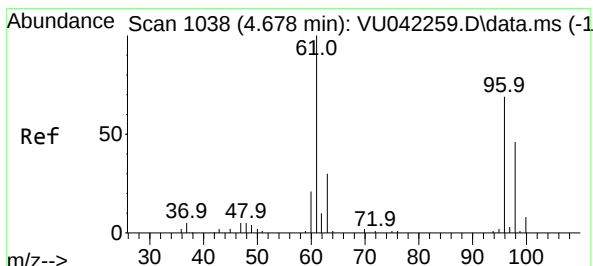
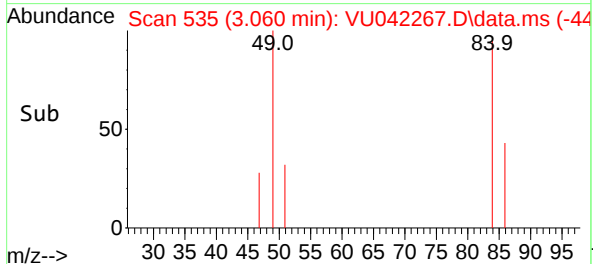
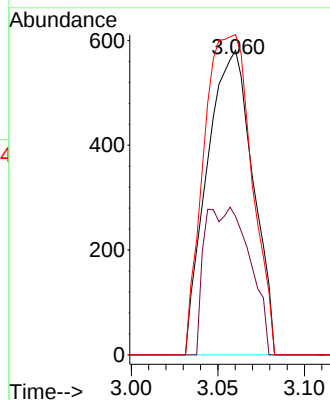
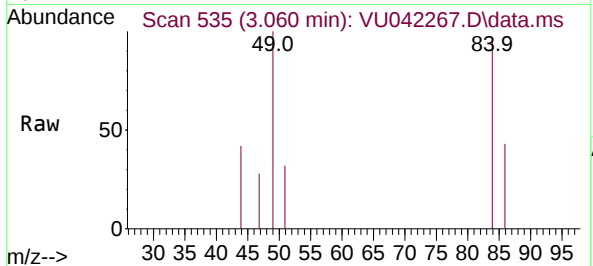




#16
Methylene chloride
Concen: 0.14 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.006 min
Lab File: VU042267.D
Acq: 04 Feb 2021 15:49

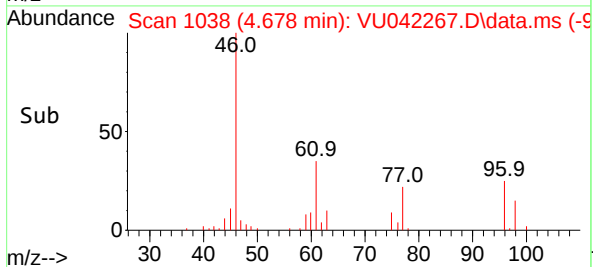
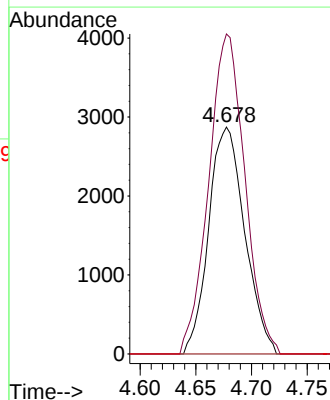
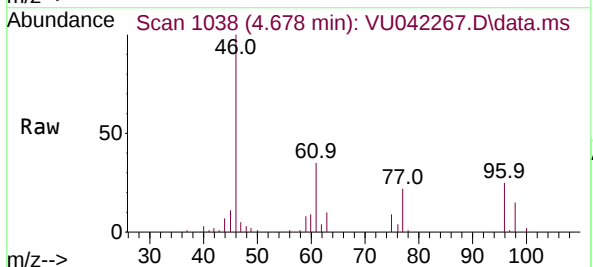
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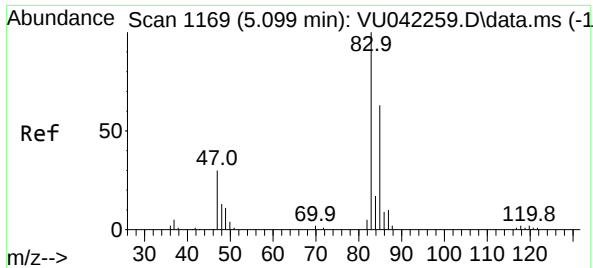
Tgt Ion: 84 Resp: 1069
Ion Ratio Lower Upper
84 100
86 45.4 44.1 81.9
49 105.2 95.0 176.4



#22
cis-1,2-Dichloroethene
Concen: 0.88 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042267.D
Acq: 04 Feb 2021 15:49

Tgt Ion: 96 Resp: 6470
Ion Ratio Lower Upper
96 100
61 141.0 97.8 181.6
68 0.0 0.0 0.0

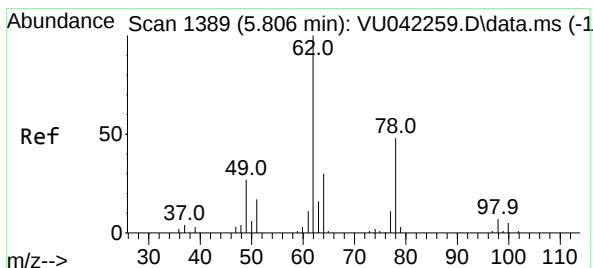
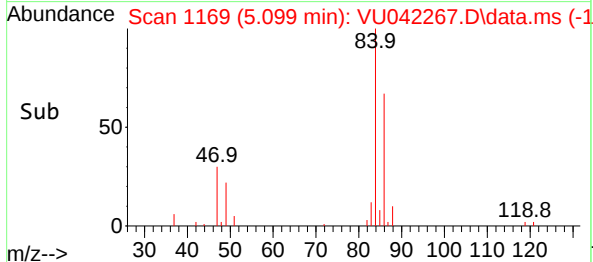
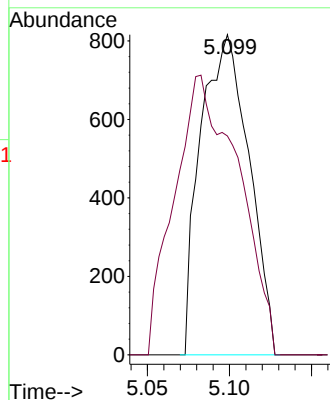
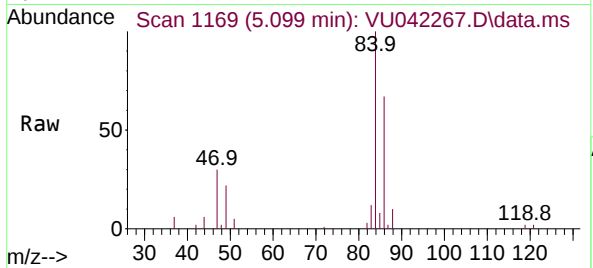




#25
Chloroform
Concen: 0.13 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042267.D
Acq: 04 Feb 2021 15:49

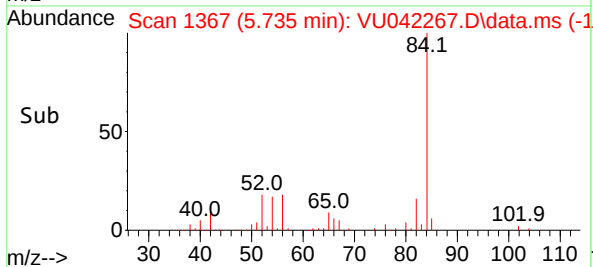
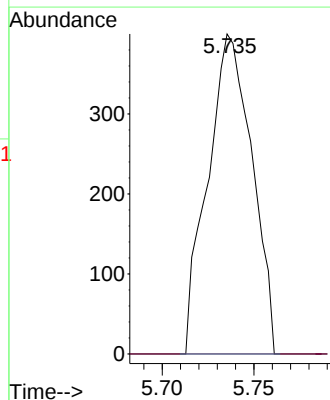
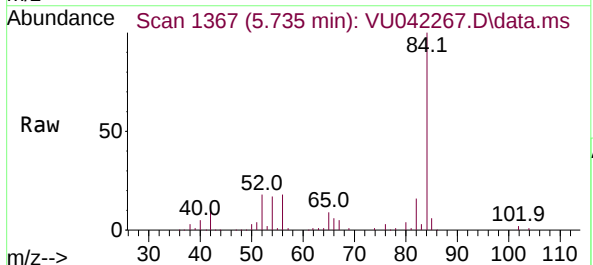
Instrument :
MSVOA_U
ClientSampled :

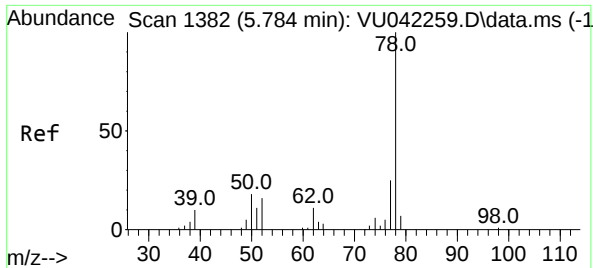
Tgt Ion: 83 Resp: 1672
Ion Ratio Lower Upper
83 100
85 68.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042267.D
Acq: 04 Feb 2021 15:49

Tgt Ion: 62 Resp: 671
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

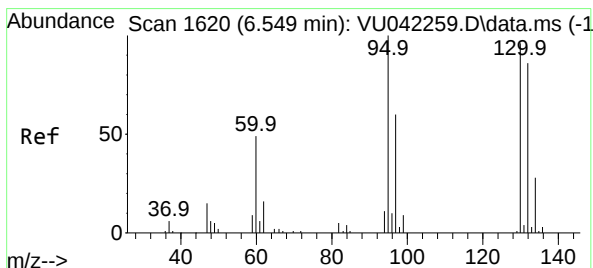
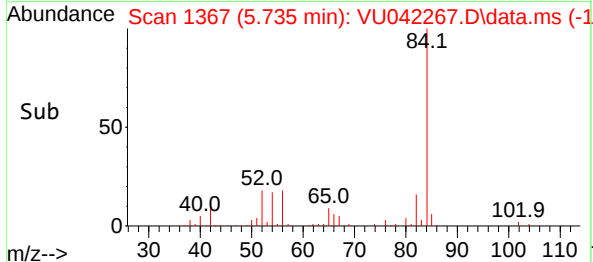
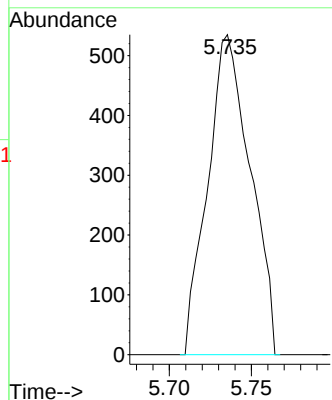
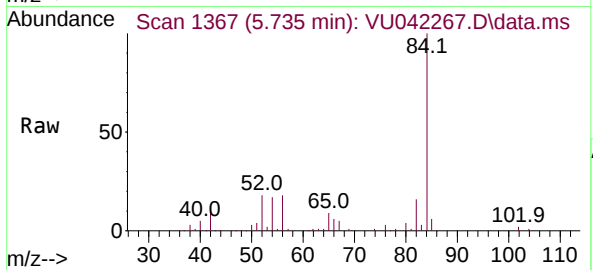




#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.049 min
Lab File: VU042267.D
Acq: 04 Feb 2021 15:49

Instrument :
MSVOA_U
ClientSampled :

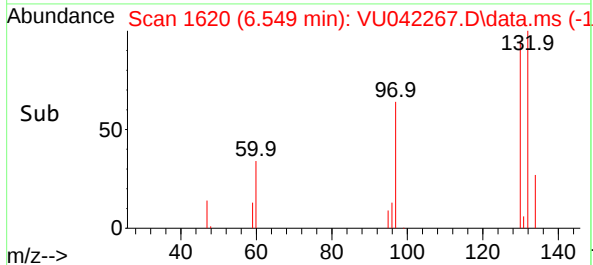
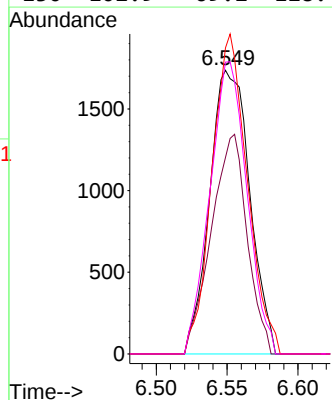
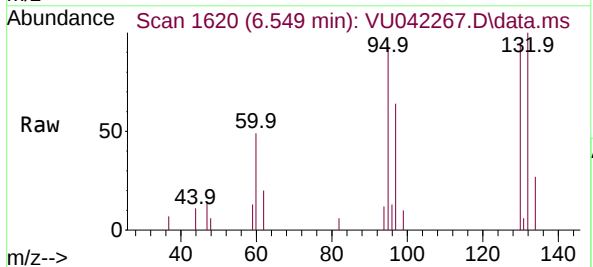
Tgt Ion: 78 Resp: 967

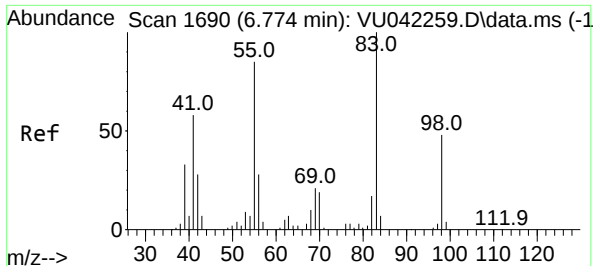


#34
Trichloroethene
Concen: 0.48 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042267.D
Acq: 04 Feb 2021 15:49

Tgt Ion: 95 Resp: 3423

Ion	Ratio	Lower	Upper
95	100		
97	69.3	44.4	82.4
132	107.9	68.0	126.4
130	102.9	69.2	128.4





#35

Methylcyclohexane

Concen: 0.78 ug/L

RT: 6.703 min Scan# 1668

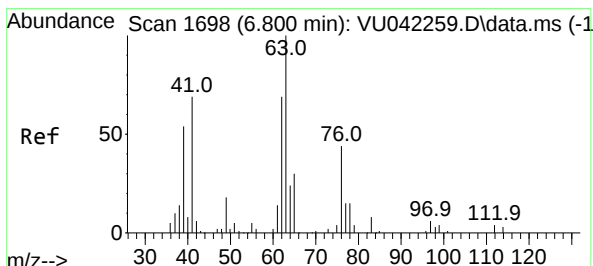
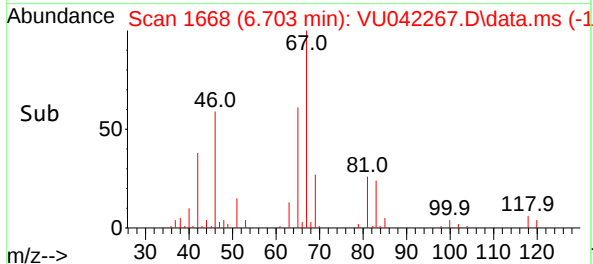
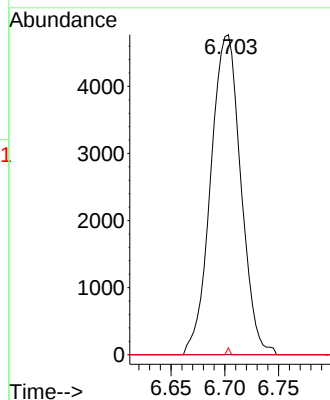
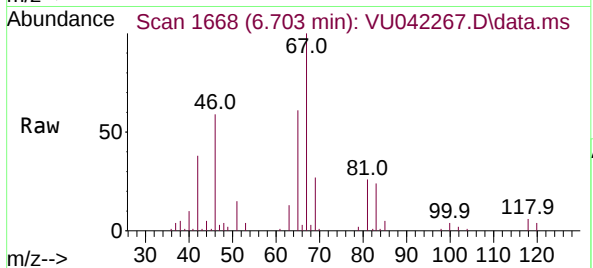
Delta R.T. -0.071 min

Lab File: VU042267.D

Acq: 04 Feb 2021 15:49

Tgt Ion:	83	Resp:	9300
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.2	39.7	59.5#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.73 ug/L

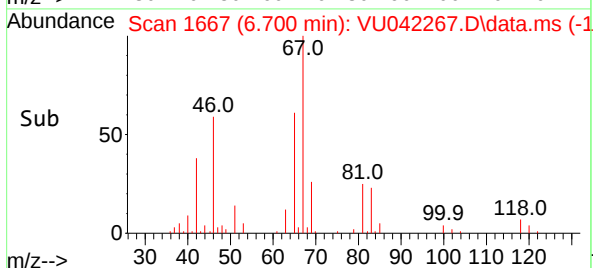
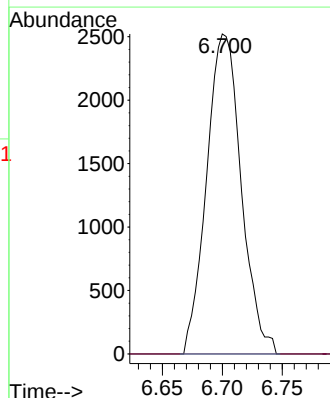
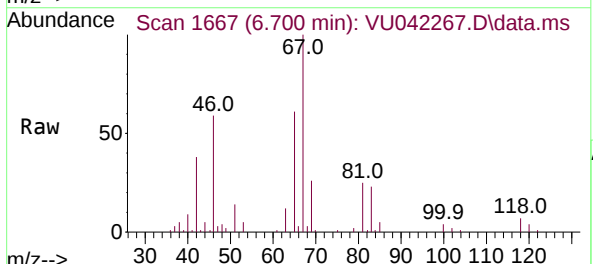
RT: 6.700 min Scan# 1667

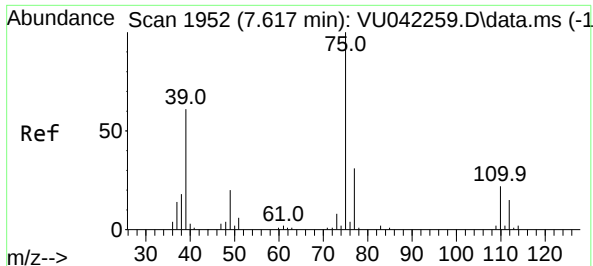
Delta R.T. -0.100 min

Lab File: VU042267.D

Acq: 04 Feb 2021 15:49

Tgt Ion:	63	Resp:	5064
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



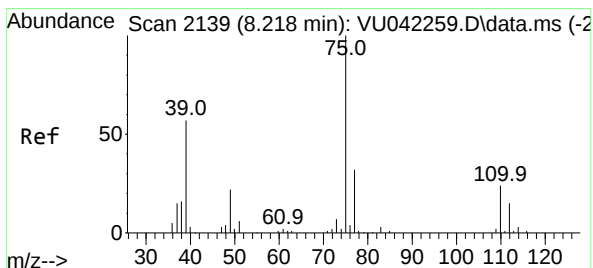
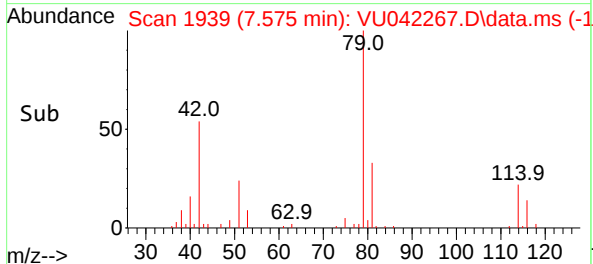
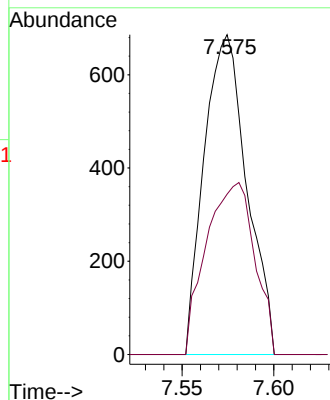
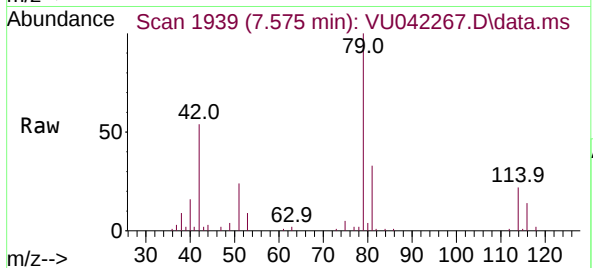


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042267.D
Acq: 04 Feb 2021 15:49

Instrument :
MSVOA_U
ClientSampleId :

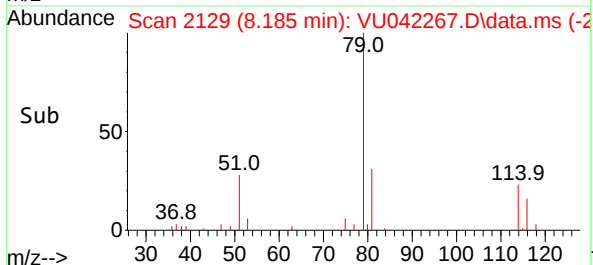
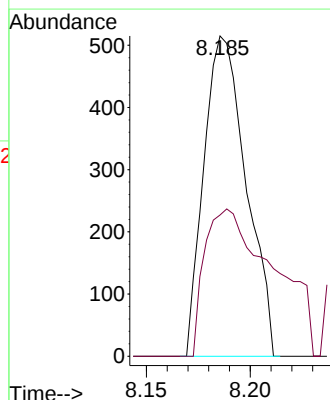
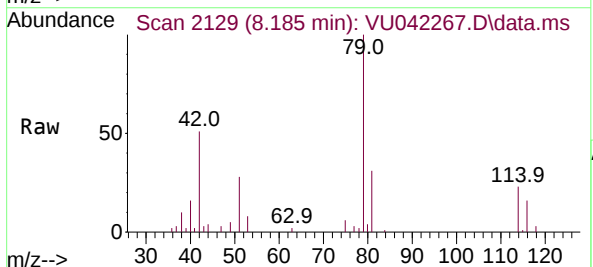
Tgt Ion: 75 Resp: 1109
Ion Ratio Lower Upper
75 100
77 50.1 22.0 40.8#

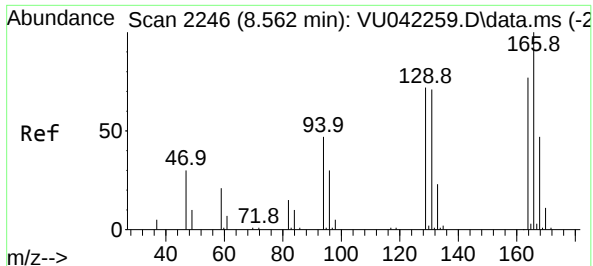


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042267.D
Acq: 04 Feb 2021 15:49

Tgt Ion: 75 Resp: 728
Ion Ratio Lower Upper
75 100
77 44.1 21.8 40.4#





#47

Tetrachloroethene

Concen: 5.20 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU042267.D

Acq: 04 Feb 2021 15:49

Tgt Ion:164 Resp: 30636

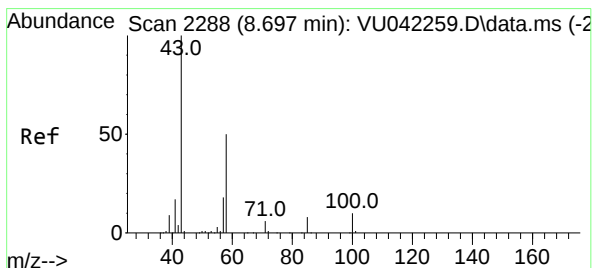
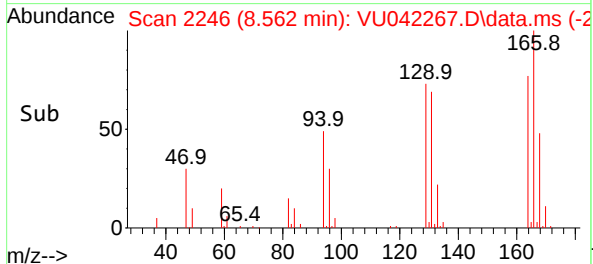
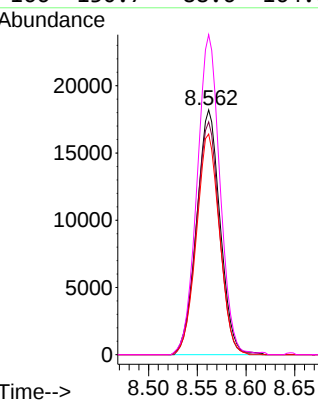
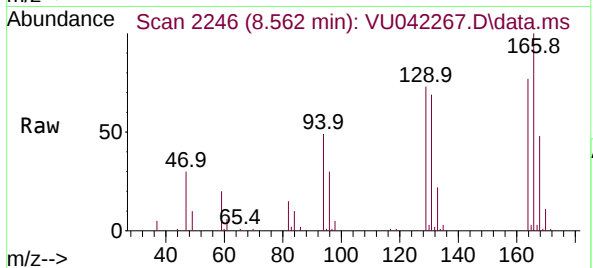
Ion Ratio Lower Upper

164 100

129 95.1 64.3 119.5

131 90.1 62.2 115.6

166 130.7 88.6 164.6



#48

2-Hexanone

Concen: 3.09 ug/L

RT: 8.645 min Scan# 2272

Delta R.T. -0.052 min

Lab File: VU042267.D

Acq: 04 Feb 2021 15:49

Tgt Ion: 43 Resp: 12696

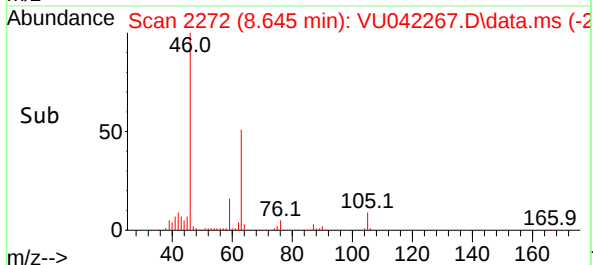
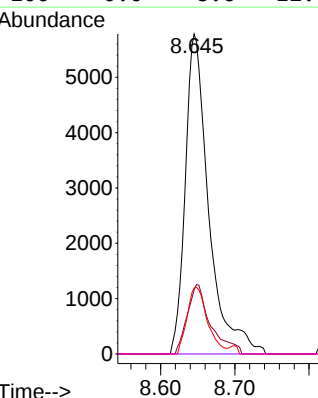
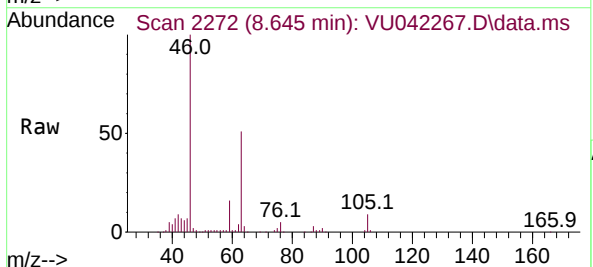
Ion Ratio Lower Upper

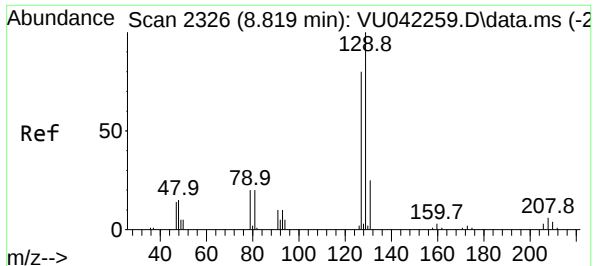
43 100

58 21.6 40.6 61.0#

57 18.2 14.9 22.3

100 0.0 8.6 12.8#





#49

Dibromochloromethane

Concen: 4.18 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.258 min

Lab File: VU042267.D

Acq: 04 Feb 2021 15:49

Tgt Ion:129 Resp: 28461

Ion Ratio Lower Upper

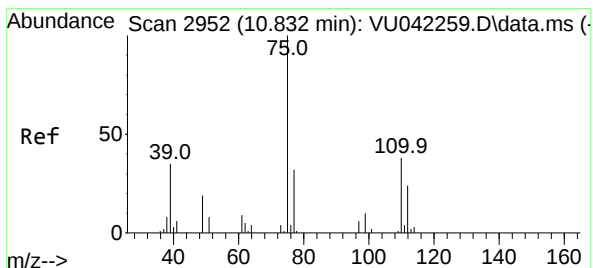
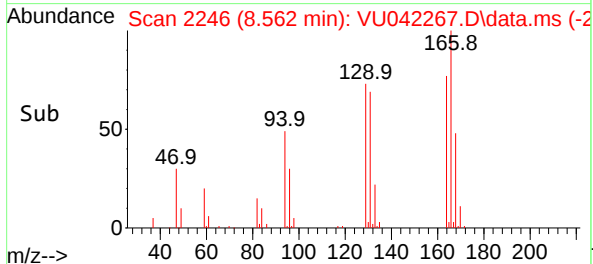
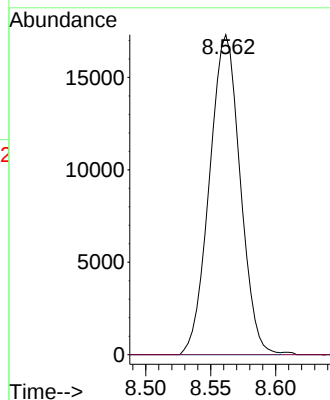
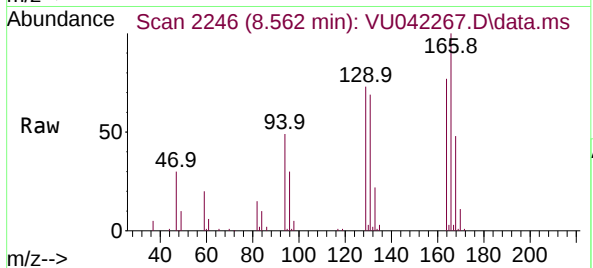
129 100

127 0.0 52.3 97.1#

Instrument :

MSVOA_U

ClientSampled :



#59

1,2,3-Trichloropropane

Concen: 1.18 ug/L

RT: 11.822 min Scan# 3260

Delta R.T. 0.990 min

Lab File: VU042267.D

Acq: 04 Feb 2021 15:49

Tgt Ion: 75 Resp: 5751

Ion Ratio Lower Upper

75 100

77 32.2 26.0 39.0

