

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043468.D
 Acq On : 30 Apr 2021 12:03
 Operator : SY/MD
 Sample : M2197-12DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 13:32:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	83792	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	84966	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37618	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18421	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.919	69	19334	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.575	65	11277	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	4.642	46	112972	60.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.90%
24) Chloroform-d	5.073	84	55377	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.710	65	36448	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.735	84	97974	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.700	67	36102	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.906	98	81034	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloroprop...	8.185	79	12249	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.642	63	69012	47.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.52%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29433	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	31435	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	810	0.15	ug/L	100
9) Trichlorofluoromethane	2.147	101	699	0.07	ug/L	87
12) 1,1-Dichloroethene	2.588	96	1187	0.25	ug/L	# 1
16) Methylene chloride	3.057	84	1932	0.32	ug/L	# 75
22) cis-1,2-Dichloroethene	4.681	96	1424	0.24	ug/L	79
25) Chloroform	5.096	83	3090	0.27	ug/L	99
27) 1,2-Dichloroethane	5.739	62	753	0.09	ug/L	# 74
31) Carbon tetrachloride	5.536	117	990	0.11	ug/L	94
34) Trichloroethene	6.552	95	44908	7.18	ug/L	94
35) Methylcyclohexane	6.700	83	7923	0.91	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4232	0.66	ug/L	# 87
39) cis-1,3-Dichloropropene	7.575	75	838	0.09	ug/L	# 67
47) Tetrachloroethene	8.562	164	6364	1.28	ug/L	98
48) 2-Hexanone	8.693	43	5443	1.29	ug/L	# 76
49) Dibromochloromethane	8.558	129	6128	1.02	ug/L	# 9
61) 1,2,3-Trichloropropane	11.819	75	4882	1.26	ug/L	# 63

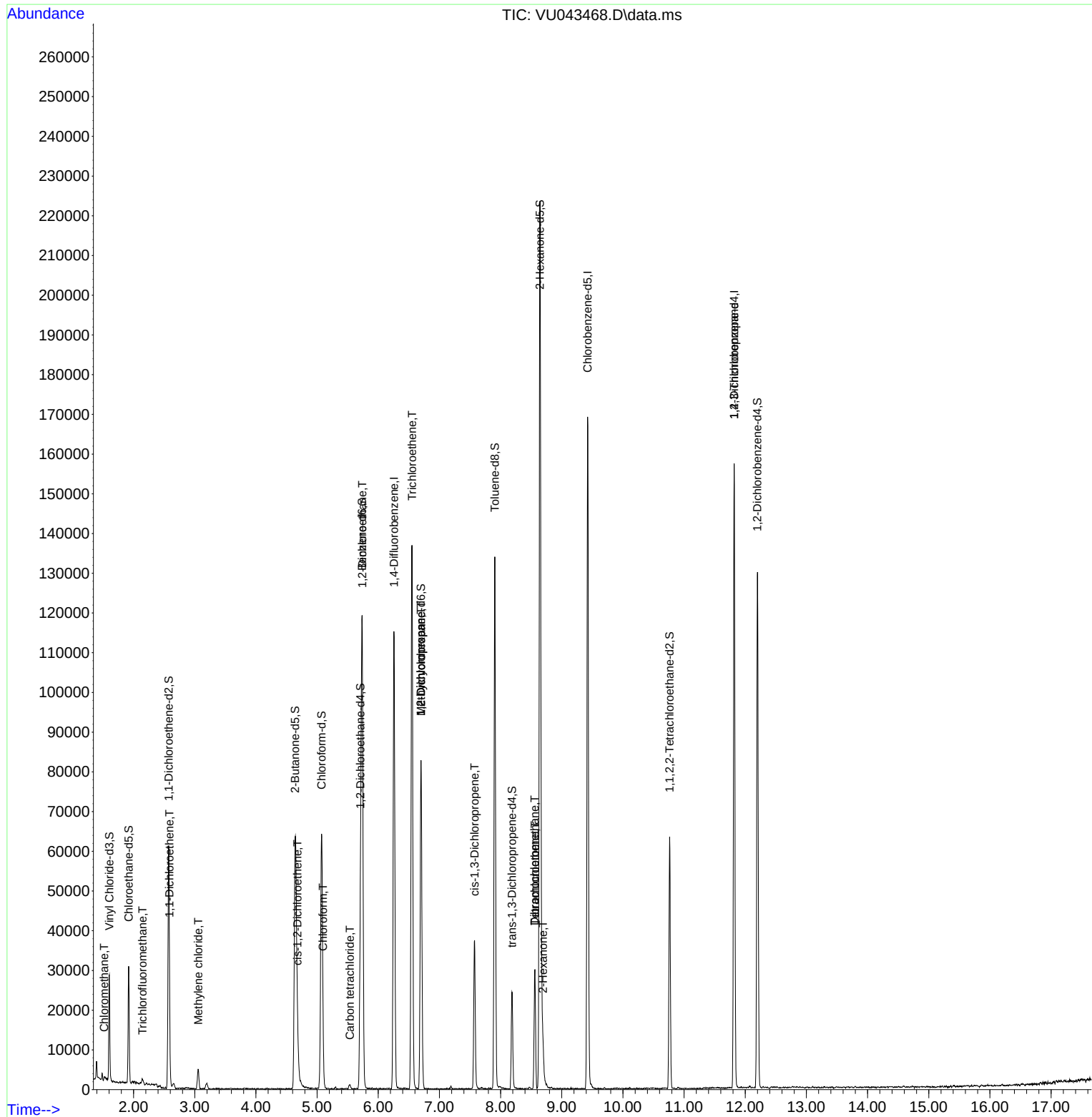
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_U
ClientSampleId :

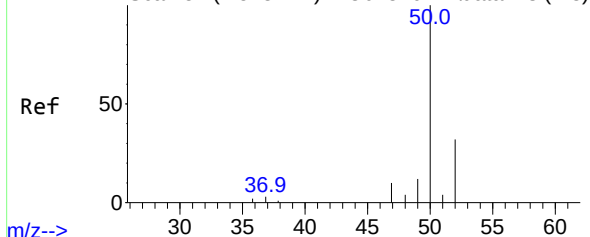
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
Data File : VU043468.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 08:34:29 2021
Response via : Initial Calibration



Abundance Scan 57 (1.523 min): VU043464.D\data.ms (-48)

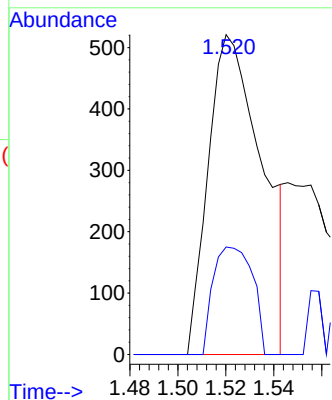
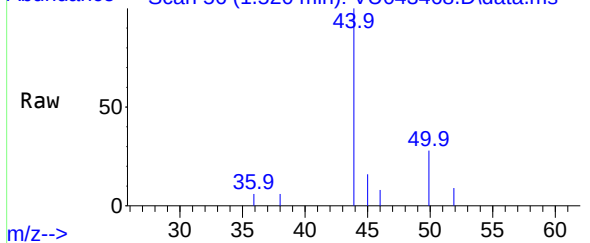


#3
Chloromethane
Concen: 0.15 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

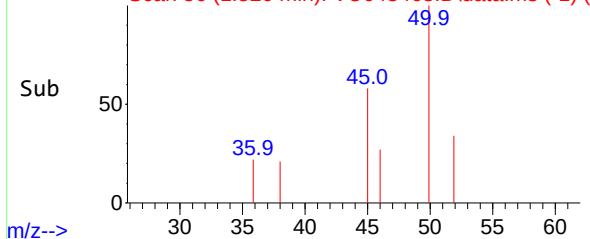
Tgt Ion: 50 Resp: 810
Ion Ratio Lower Upper
50 100
52 33.6 23.6 43.8

Instrument :
MSVOA_U
ClientSampled :

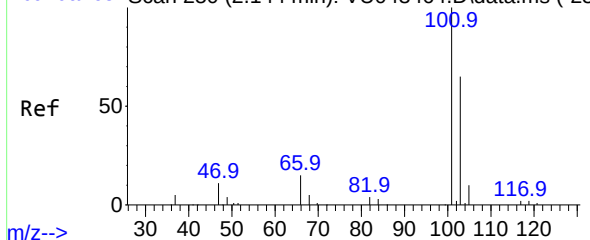
Abundance Scan 56 (1.520 min): VU043468.D\data.ms



Abundance Scan 56 (1.520 min): VU043468.D\data.ms (-1)



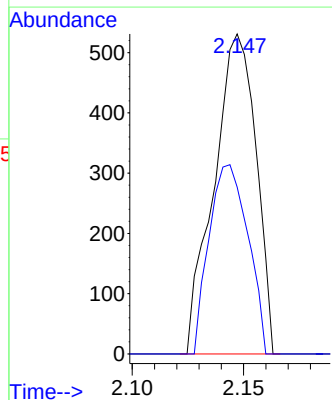
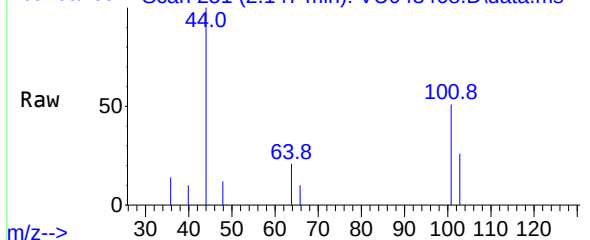
Abundance Scan 250 (2.144 min): VU043464.D\data.ms (-23)



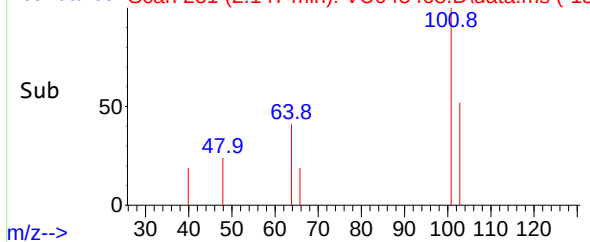
#9
Trichlorofluoromethane
Concen: 0.07 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

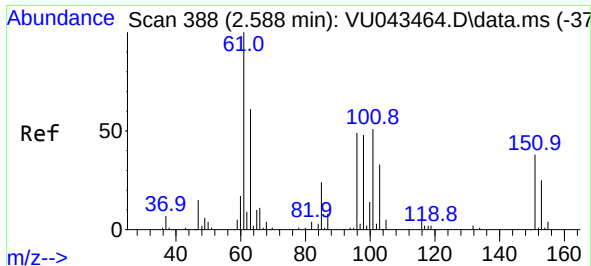
Tgt Ion: 101 Resp: 699
Ion Ratio Lower Upper
101 100
103 54.5 51.5 77.3

Abundance Scan 251 (2.147 min): VU043468.D\data.ms



Abundance Scan 251 (2.147 min): VU043468.D\data.ms (-15)





#12

1,1-Dichloroethene

Concen: 0.25 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

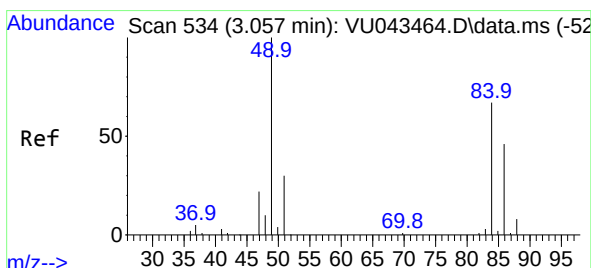
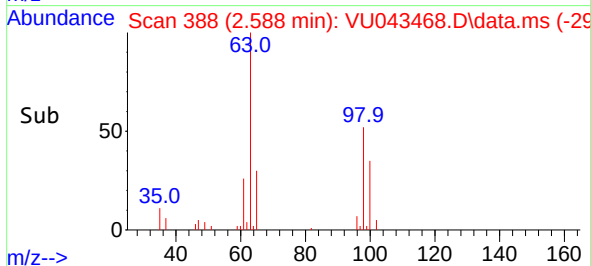
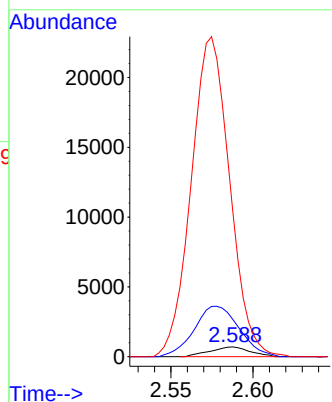
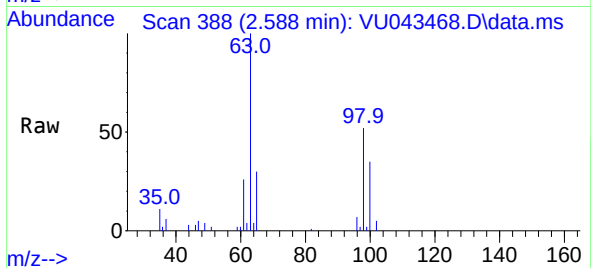
Lab File: VU043468.D

Acq: 30 Apr 2021 12:03

Tgt Ion: 96 Resp: 1187

Ion	Ratio	Lower	Upper
96	100		
61	387.2	115.1	213.7#
63	1511.8	84.1	156.1#

Instrument :
MSVOA_U
ClientSampled :



#16

Methylene chloride

Concen: 0.32 ug/L

RT: 3.057 min Scan# 534

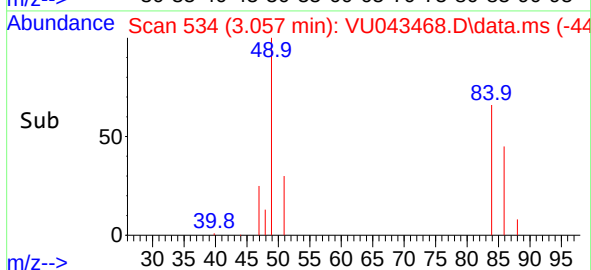
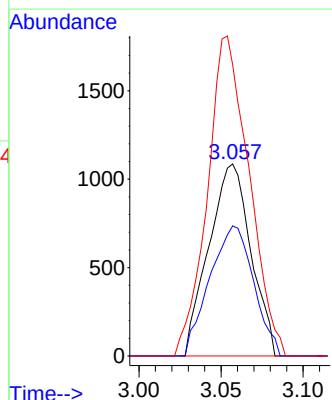
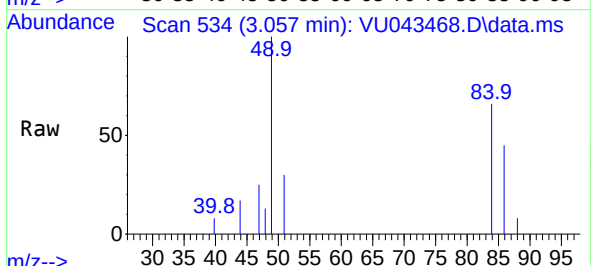
Delta R.T. 0.003 min

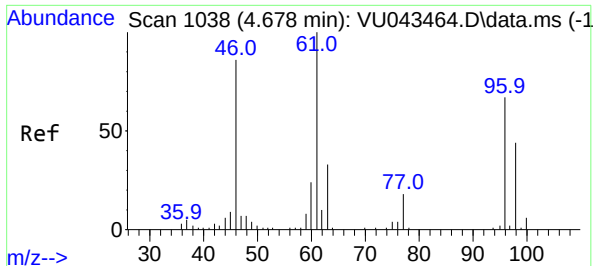
Lab File: VU043468.D

Acq: 30 Apr 2021 12:03

Tgt Ion: 84 Resp: 1932

Ion	Ratio	Lower	Upper
84	100		
86	67.8	44.9	83.5
49	151.7	79.0	146.8#

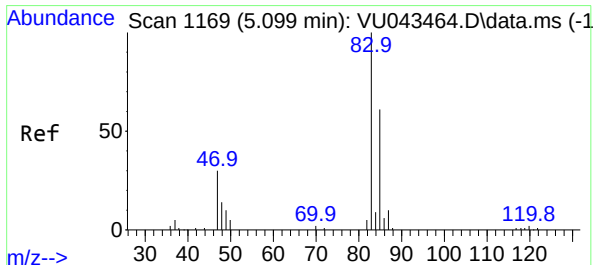
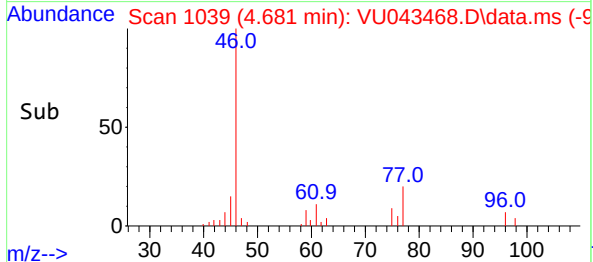
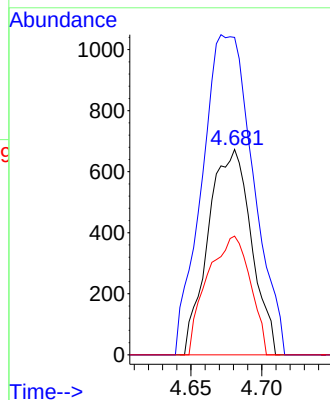
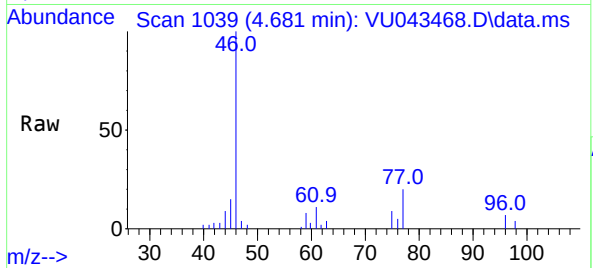




#22
cis-1,2-Dichloroethene
Concen: 0.24 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

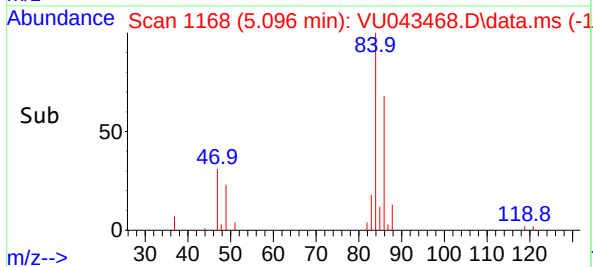
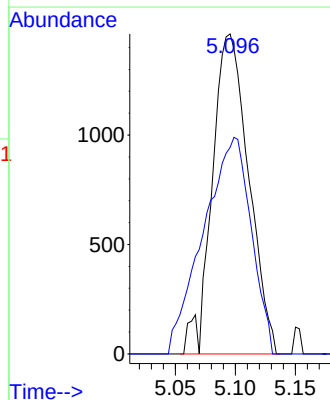
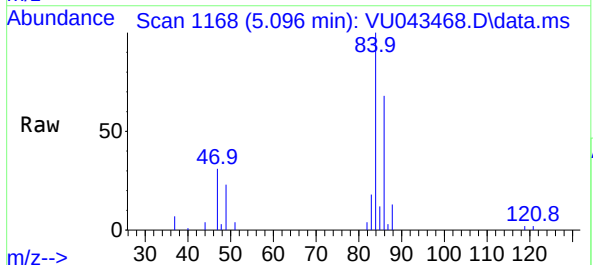
Instrument :
MSVOA_U
ClientSampled :

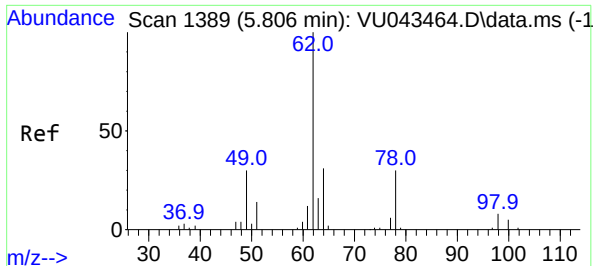
Tgt Ion: 96 Resp: 1424
Ion Ratio Lower Upper
96 100
61 154.5 87.4 162.4
98 57.8 47.7 88.5



#25
Chloroform
Concen: 0.27 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

Tgt Ion: 83 Resp: 3090
Ion Ratio Lower Upper
83 100
85 64.6 45.6 84.8

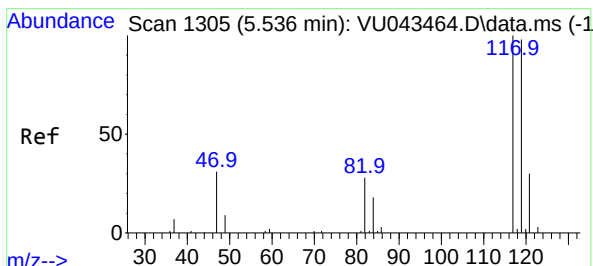
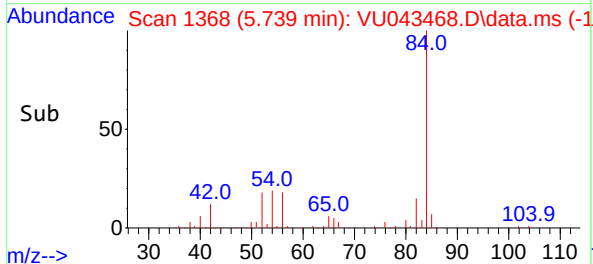
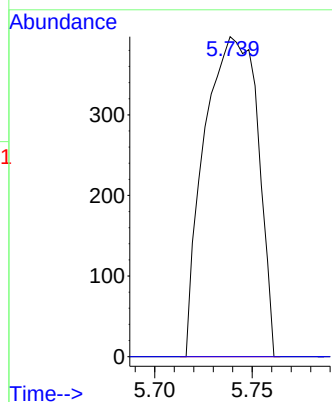
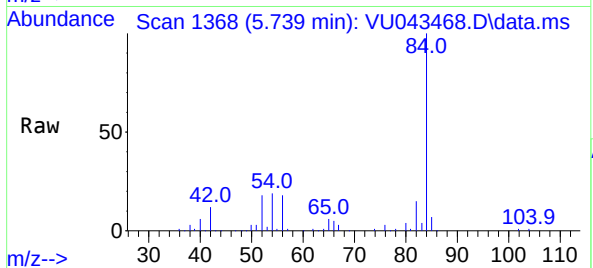




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.064 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

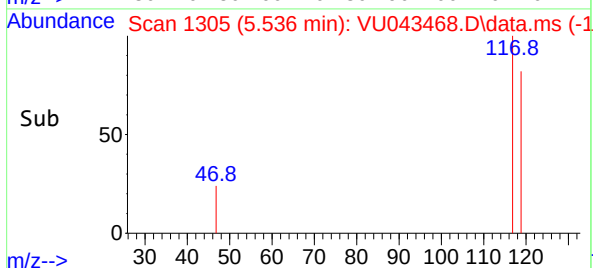
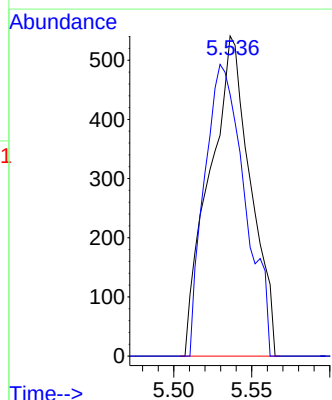
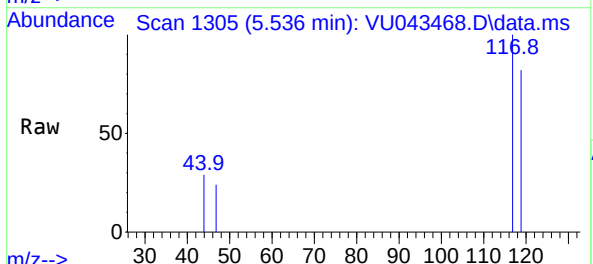
Instrument :
MSVOA_U
ClientSampled :

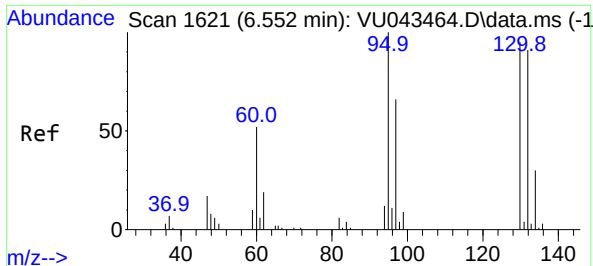
Tgt Ion: 62 Resp: 753
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#31
Carbon tetrachloride
Concen: 0.11 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

Tgt Ion: 117 Resp: 990
Ion Ratio Lower Upper
117 100
119 89.4 76.2 114.4



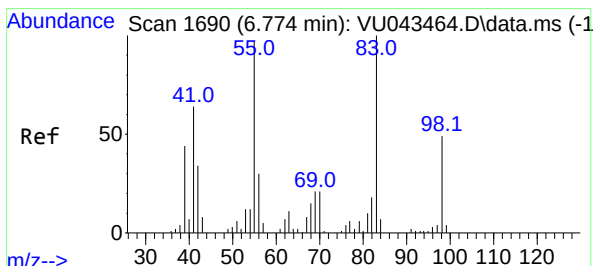
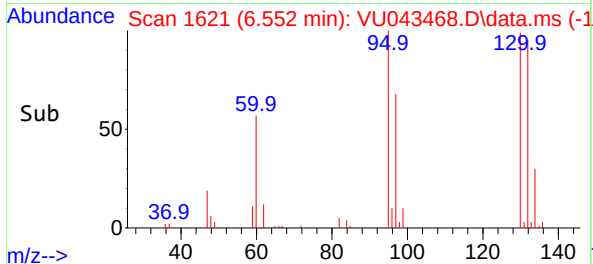
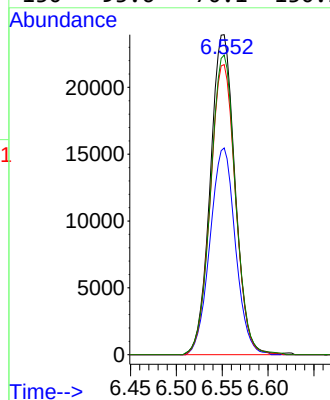
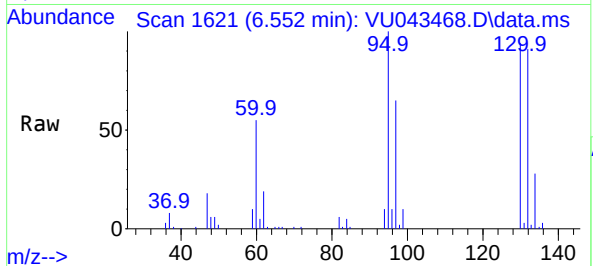


#34
Trichloroethene
Concen: 7.18 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 44908

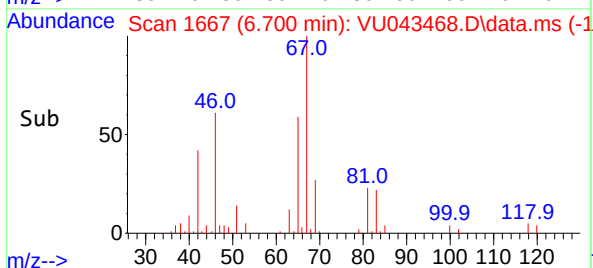
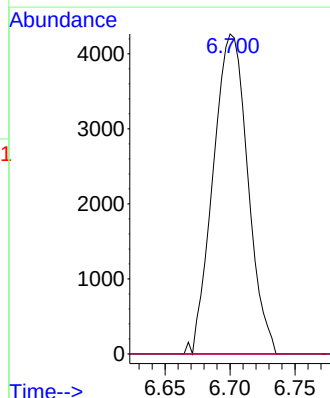
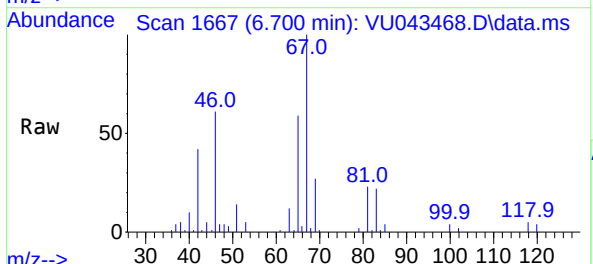
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.8	85.2
132	90.6	68.7	127.7
130	93.6	70.1	130.3

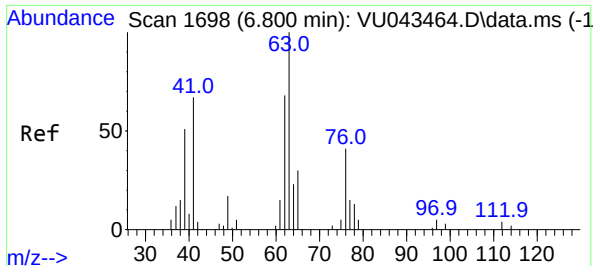


#35
Methylcyclohexane
Concen: 0.91 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

Tgt Ion: 83 Resp: 7923

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#

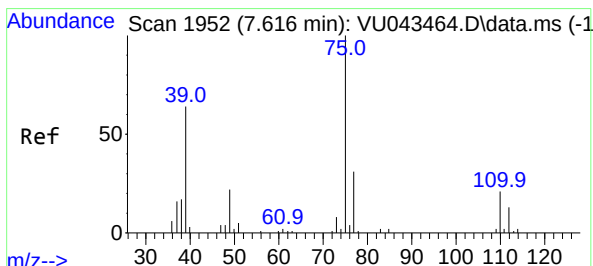
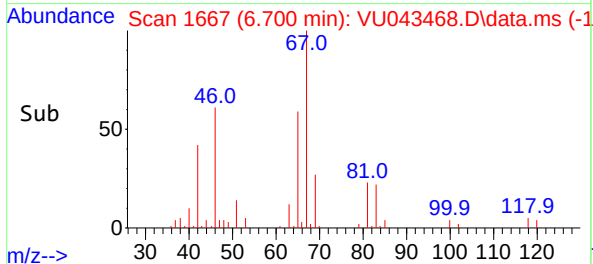
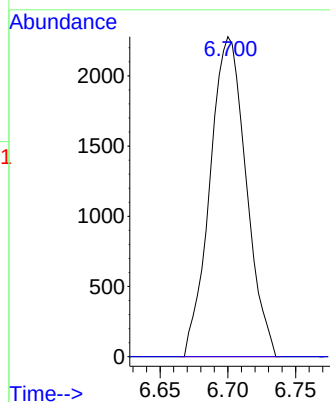
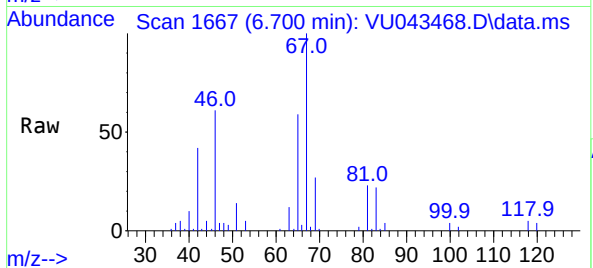




#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

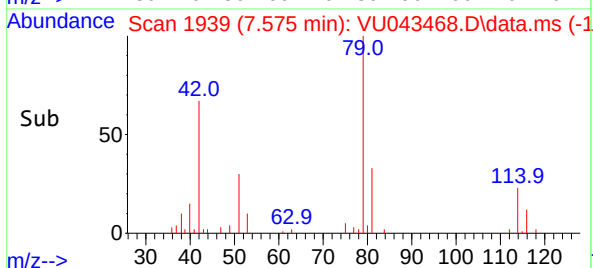
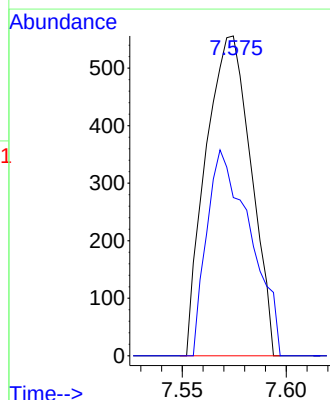
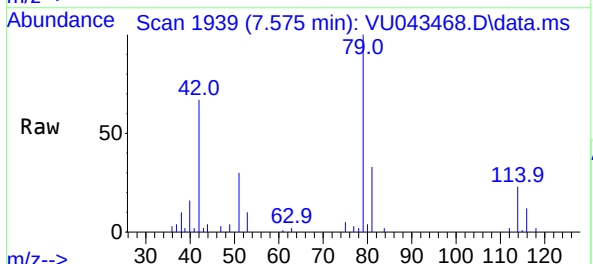
Instrument :
MSVOA_U
ClientSampled :

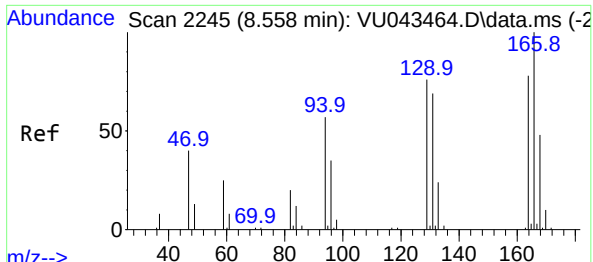
Tgt Ion: 63 Resp: 4232
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

Tgt Ion: 75 Resp: 838
Ion Ratio Lower Upper
75 100
77 49.5 21.8 40.6#



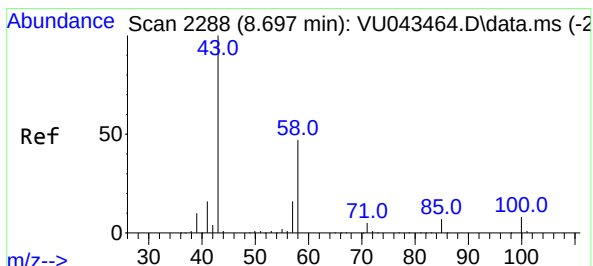
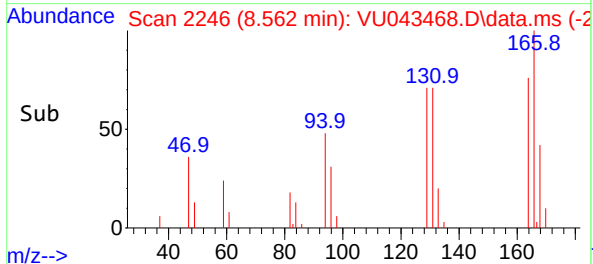
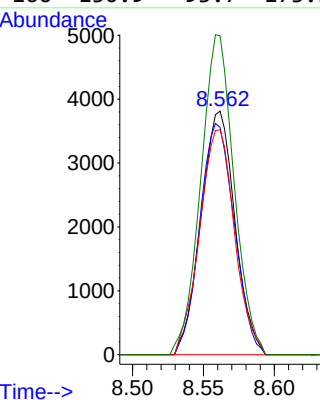
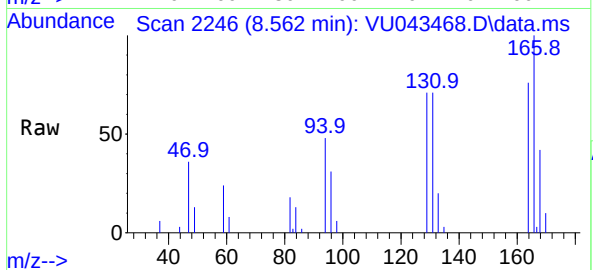


#47
Tetrachloroethene
Concen: 1.28 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 6364

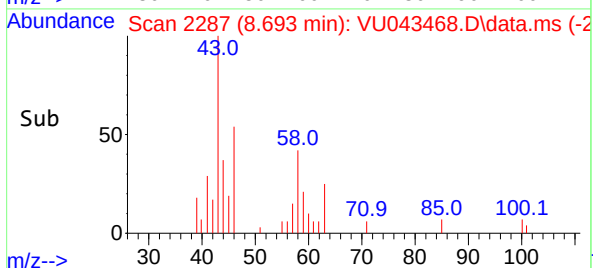
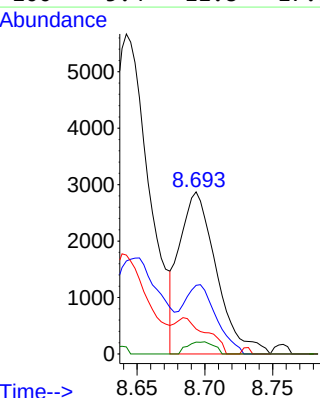
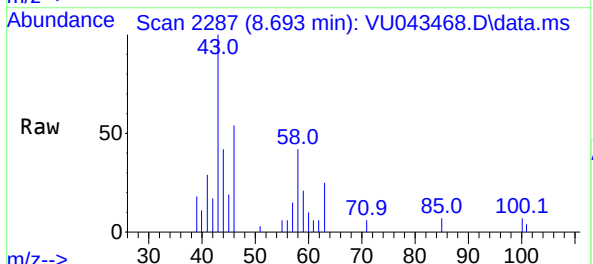
Ion	Ratio	Lower	Upper
164	100		
129	93.3	66.6	123.8
131	92.4	65.9	122.3
166	130.9	93.7	173.9

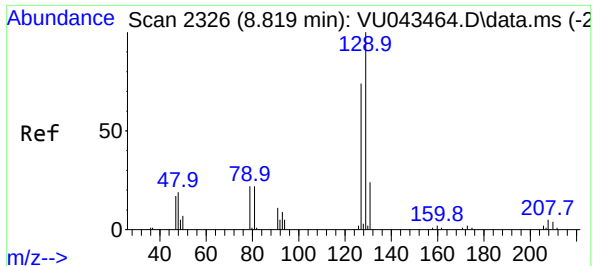


#48
2-Hexanone
Concen: 1.29 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043468.D
Acq: 30 Apr 2021 12:03

Tgt Ion: 43 Resp: 5443

Ion	Ratio	Lower	Upper
43	100		
58	38.6	50.0	75.0#
57	18.9	17.4	26.0
100	5.4	11.8	17.8#





#49

Dibromochloromethane

Concen: 1.02 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU043468.D

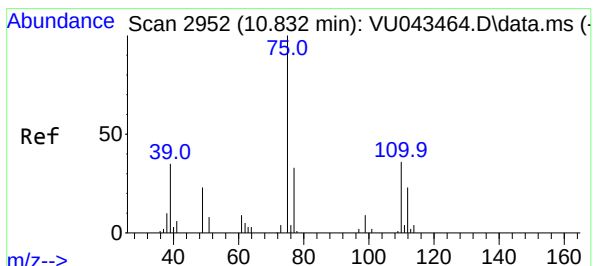
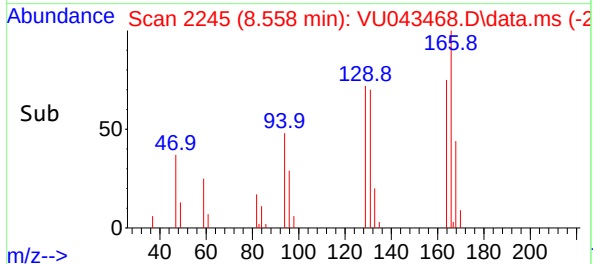
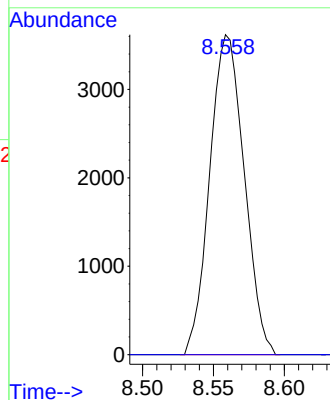
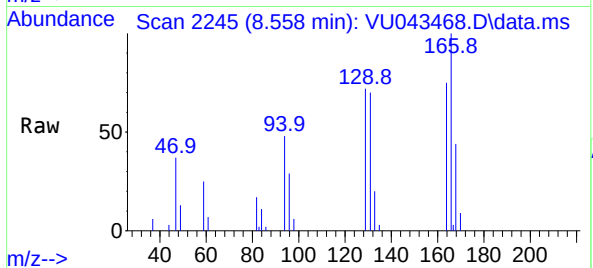
Acq: 30 Apr 2021 12:03

Tgt Ion:129 Resp: 6128

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.26 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043468.D

Acq: 30 Apr 2021 12:03

Tgt Ion: 75 Resp: 4882

Ion Ratio Lower Upper

75 100

110 0.0 31.5 47.3#

77 35.2 26.3 39.5

