

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
 Data File : VU043799.D
 Acq On : 17 May 2021 18:37
 Operator : SY/MD
 Sample : M2396-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GJ0

Manual Integrations
 APPROVED

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 5/18/2021 1:36:13 PM

Quant Time: May 18 03:12:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	241434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	246915	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	114972	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	76126	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.919	69	54257	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.571	65	32817	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	4.645	46	185548	54.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.64%
24) Chloroform-d	5.073	84	139547	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.713	65	69736	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.735	84	287300	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.703	67	92276	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.906	98	254834	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloroprop...	8.185	79	31523	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.642	63	165193	49.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.88%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	69918	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	96116	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2250	0.11	ug/L	87
18) trans-1,2-Dichloroethene	3.362	96	8009	0.48	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	557851	31.71	ug/L	99
25) Chloroform	5.099	83	79064	2.64	ug/L	99
31) Carbon tetrachloride	5.533	117	125205	5.82	ug/L	100
34) Trichloroethene	6.552	95	27942137m	1524.74	ug/L	
42) Toluene	7.976	91	6187	0.08	ug/L	98
45) 1,1,2-Trichloroethane	8.410	97	2031m	0.15	ug/L	
47) Tetrachloroethene	8.568	164	9051140	611.07	ug/L	97
50) 1,2-Dibromoethane	8.931	107	657910	52.10	ug/L	98

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

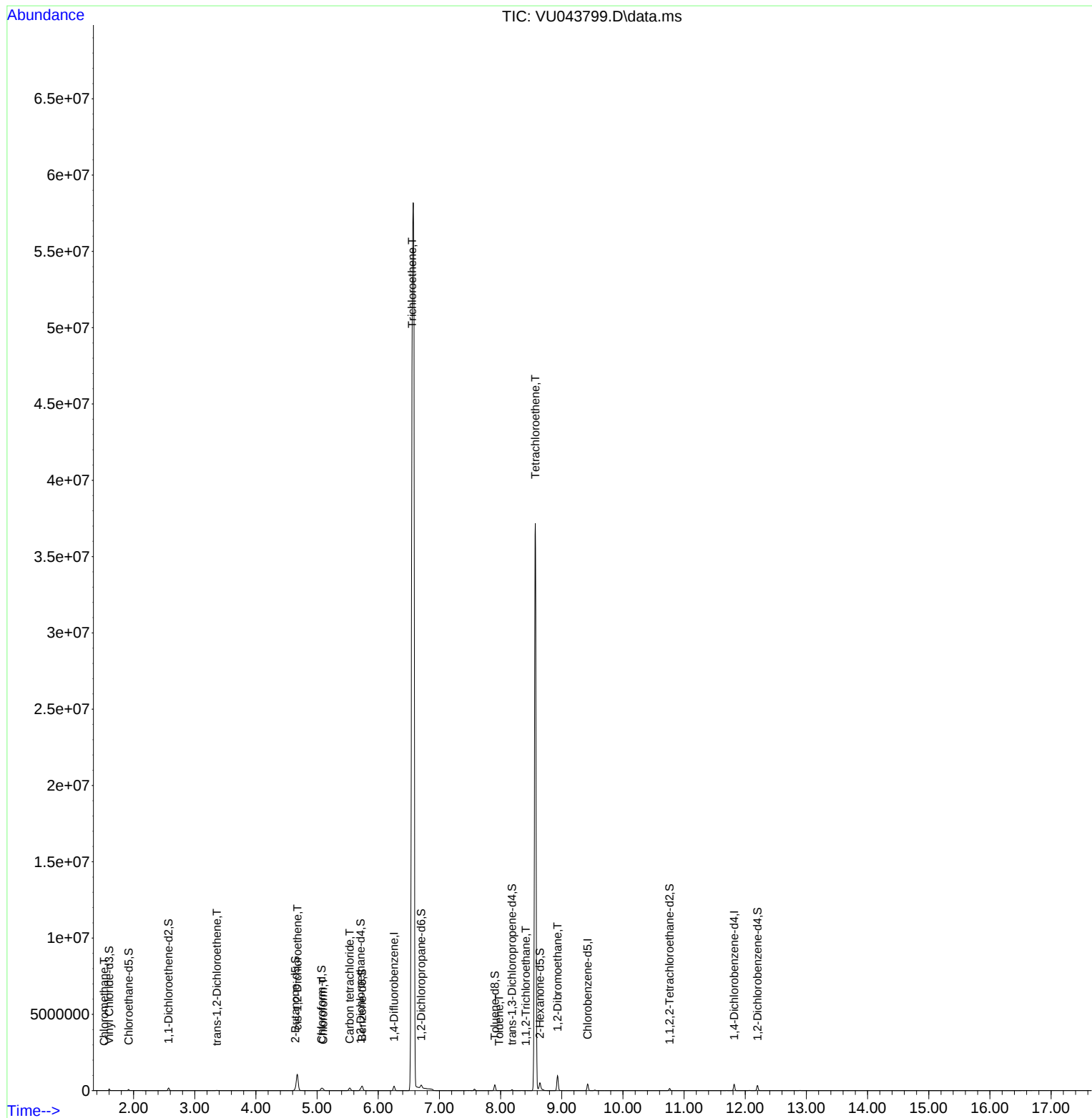
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Data File : VU043799.D
Acq On : 17 May 2021 18:37
Operator : SY/MD
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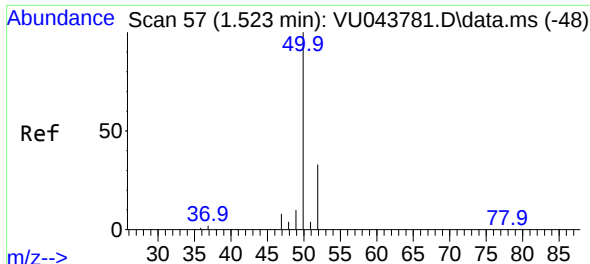
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MSVOA_U
ClientSampleId :
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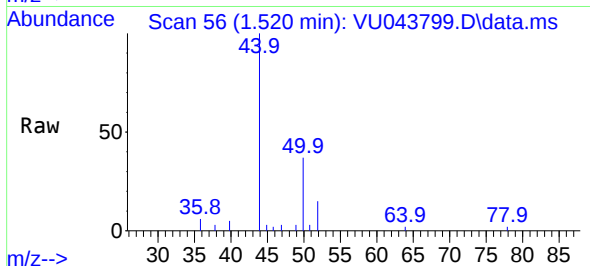
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 15 00:49:19 2021
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043799.D
Acq: 17 May 2021 18:37

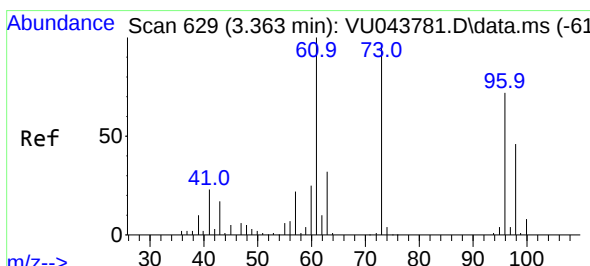
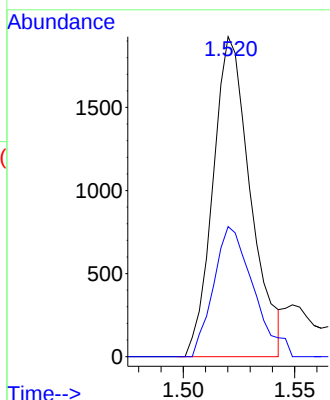
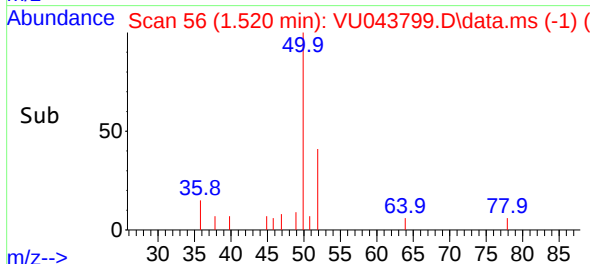
Instrument :
MSVOA_U
ClientSampled :
C0GJ0



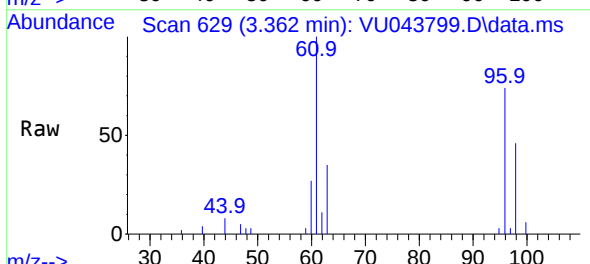
Tgt Ion: 50 Resp: 2250
Ion Ratio Lower Upper
50 100
52 40.7 23.2 43.2

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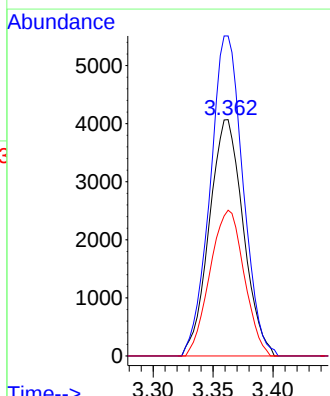
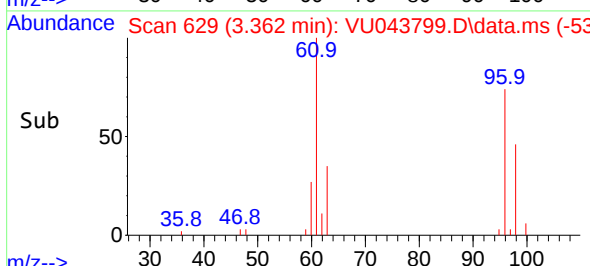
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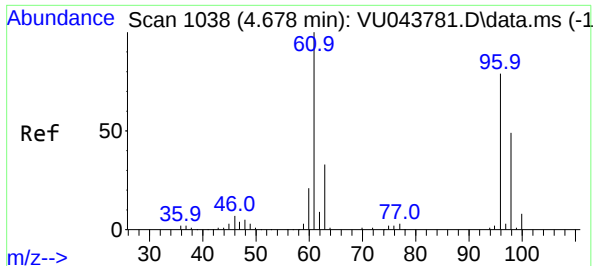


#18
trans-1,2-Dichloroethene
Concen: 0.48 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043799.D
Acq: 17 May 2021 18:37



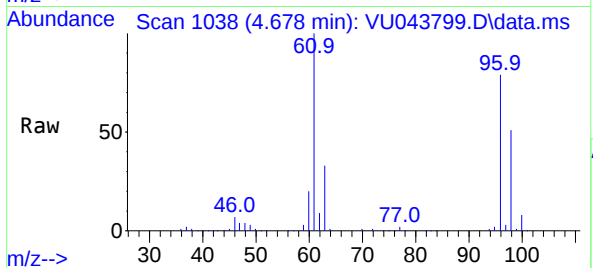
Tgt Ion: 96 Resp: 8009
Ion Ratio Lower Upper
96 100
61 135.4 99.6 185.0
98 61.7 43.8 81.4





#22
cis-1,2-Dichloroethene
Concen: 31.71 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043799.D
Acq: 17 May 2021 18:37

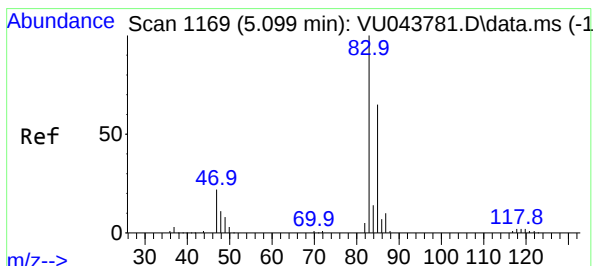
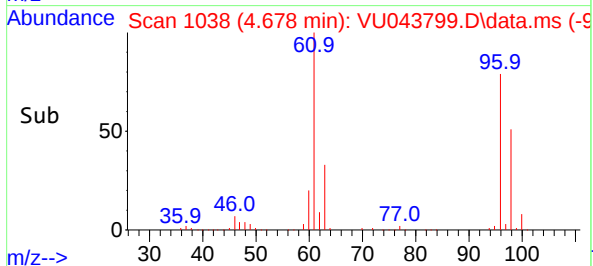
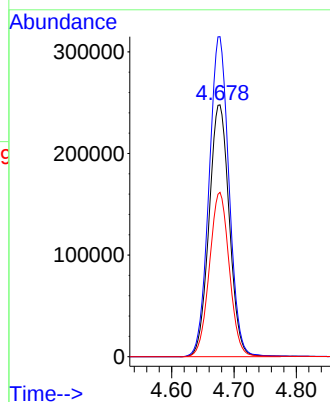
Instrument :
MSVOA_U
ClientSampled :
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Tgt Ion: 96 Resp: 557851
Ion Ratio Lower Upper
96 100
61 127.0 89.0 165.4
98 65.2 44.9 83.3

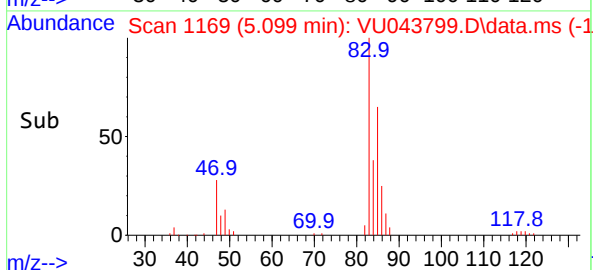
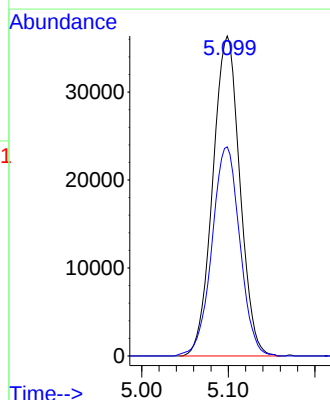
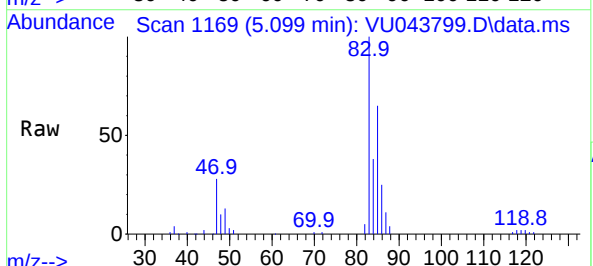
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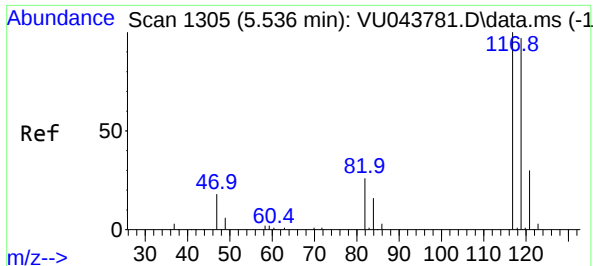
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5/18/2021 1:36:13 PM



#25
Chloroform
Concen: 2.64 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043799.D
Acq: 17 May 2021 18:37

Tgt Ion: 83 Resp: 79064
Ion Ratio Lower Upper
83 100
85 65.4 45.0 83.6





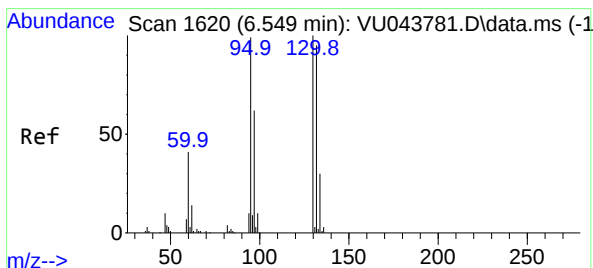
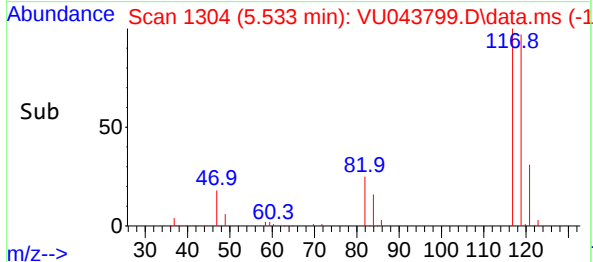
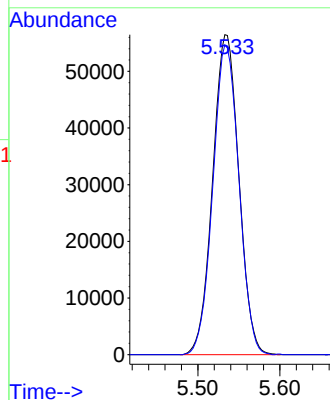
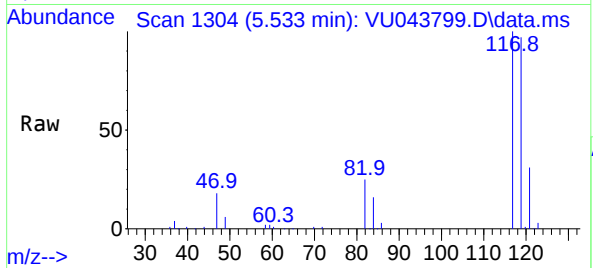
#31
Carbon tetrachloride
Concen: 5.82 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043799.D
Acq: 17 May 2021 18:37

Instrument :
MSVOA_U
ClientSampled :
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Tgt Ion:117 Resp: 125205
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0

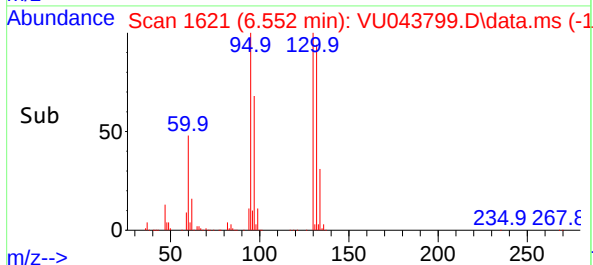
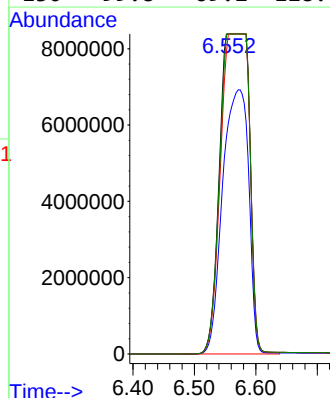
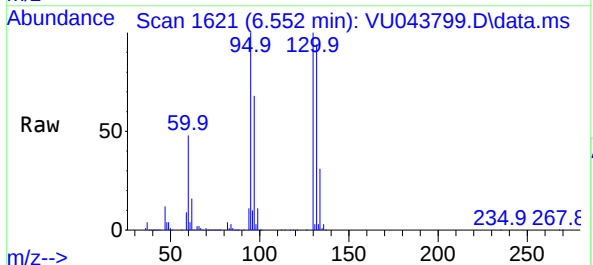
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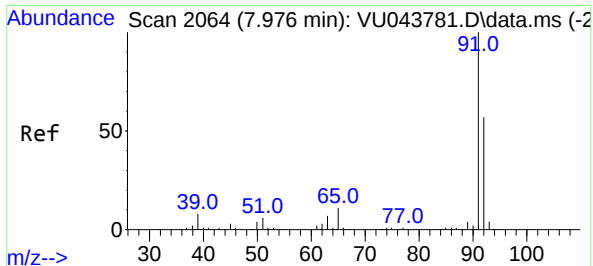
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5/18/2021 1:36:13 PM



#34
Trichloroethene
Concen: 1524.74 ug/L m
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043799.D
Acq: 17 May 2021 18:37

Tgt Ion: 95 Resp:27942137
Ion Ratio Lower Upper
95 100
97 67.8 44.3 82.3
132 94.4 66.0 122.6
130 99.8 69.2 128.6





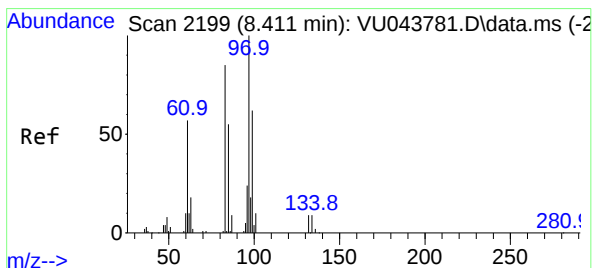
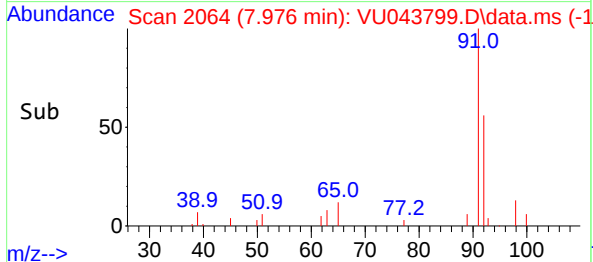
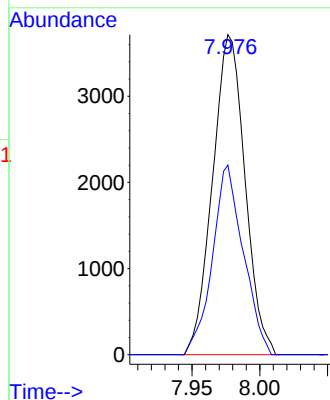
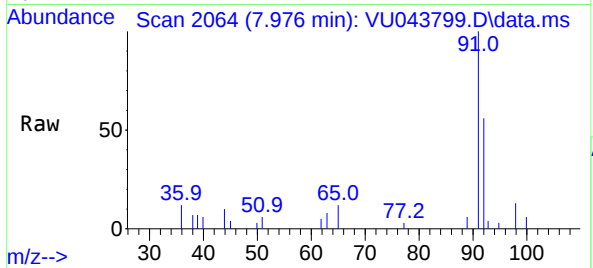
#42
Toluene
Concen: 0.08 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043799.D
Acq: 17 May 2021 18:37

Tgt Ion: 91 Resp: 6187
Ion Ratio Lower Upper
91 100
92 59.3 40.3 74.8

Instrument :
MSVOA_U
ClientSampled :
C0GJ0

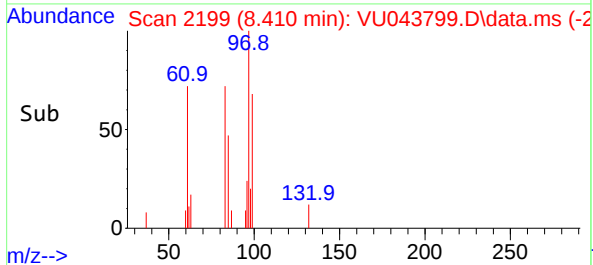
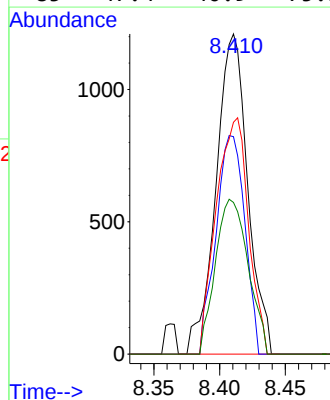
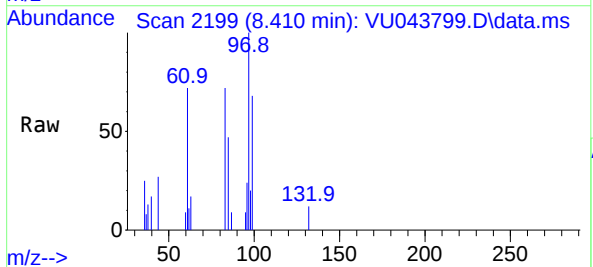
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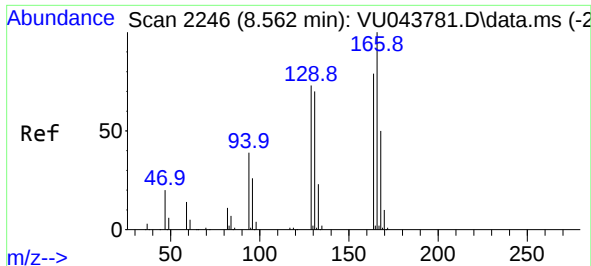
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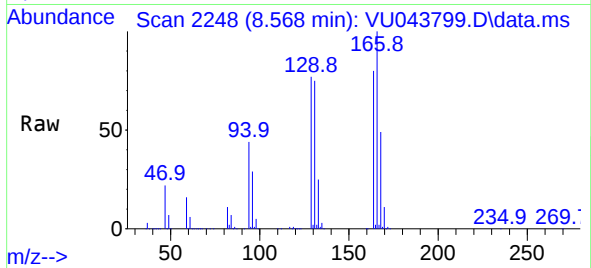
#45
1,1,2-Trichloroethane
Concen: 0.15 ug/L m
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU043799.D
Acq: 17 May 2021 18:37

Tgt Ion: 97 Resp: 2031
Ion Ratio Lower Upper
97 100
99 67.9 43.8 81.4
83 72.4 62.5 116.1
85 47.4 40.9 75.9

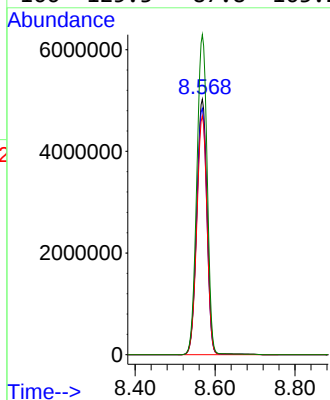




#47
Tetrachloroethene
Concen: 611.07 ug/L
RT: 8.568 min Scan# 2248
Delta R.T. 0.010 min
Lab File: VU043799.D
Acq: 17 May 2021 18:37



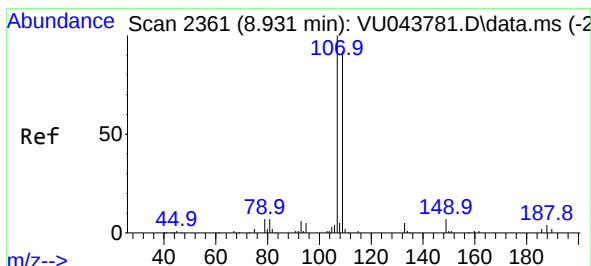
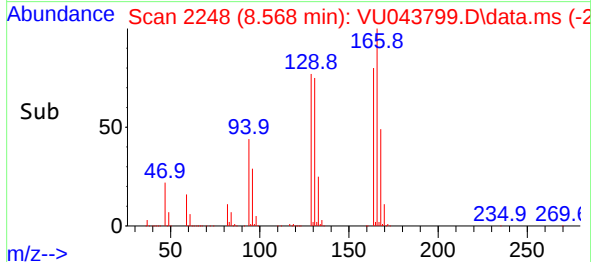
Tgt Ion:164 Resp: 9051140
Ion Ratio Lower Upper
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129 96.4 64.1 119.1
131 93.4 61.2 113.8
166 125.3 87.8 163.2



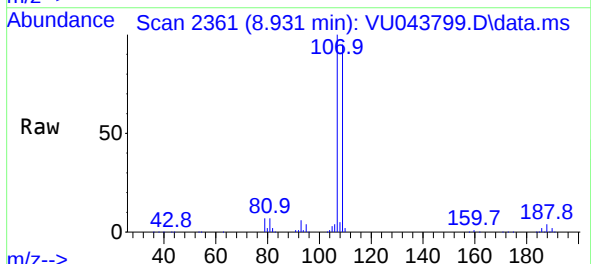
Instrument :
MSVOA_U
ClientSampled :
C0GJ0

Manual Integrations
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5/18/2021 1:36:13 PM



#50
1,2-Dibromoethane
Concen: 52.10 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043799.D
Acq: 17 May 2021 18:37



Tgt Ion:107 Resp: 657910
Ion Ratio Lower Upper
107 100
109 95.0 67.7 125.7
188 4.0 3.3 4.9

