

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043849.D
 Acq On : 20 May 2021 00:17
 Operator : SY/MD
 Sample : M2459-06 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GK8

Quant Time: May 20 03:58:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

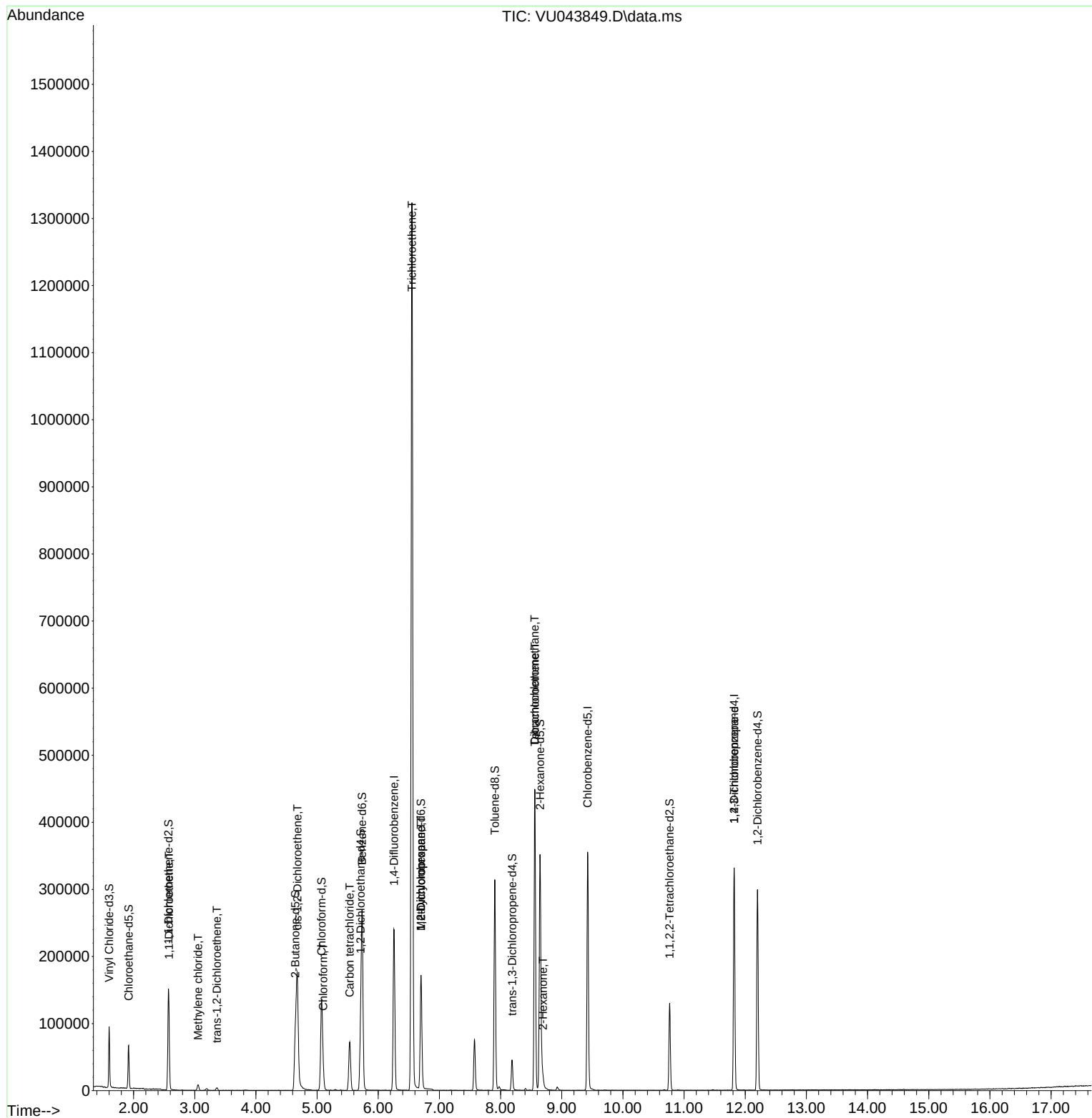
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	202585	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	207667	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	94681	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63042	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.919	69	45840	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.572	65	28382	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.645	46	168055	59.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.34%
24) Chloroform-d	5.073	84	124876	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.713	65	63056	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.735	84	257701	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.700	67	83445	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.906	98	213964	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloroprop...	8.189	79	26508	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.645	63	127063	45.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.42%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	66627	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	84157	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	1122	0.08	ug/L #	1
16) Methylene chloride	3.054	84	4305	0.22	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	1644	0.12	ug/L	95
22) cis-1,2-Dichloroethene	4.678	96	73762	5.00	ug/L	98
25) Chloroform	5.099	83	21883	0.87	ug/L	99
31) Carbon tetrachloride	5.533	117	50045	2.77	ug/L	96
34) Trichloroethene	6.549	95	463229	30.05	ug/L	97
35) Methylcyclohexane	6.700	83	19400	0.81	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8392	0.53	ug/L #	88
47) Tetrachloroethene	8.562	164	108524	8.71	ug/L	99
48) 2-Hexanone	8.694	43	5965	0.80	ug/L #	83
49) Dibromochloromethane	8.559	129	95945	7.62	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	9928	1.10	ug/L #	68

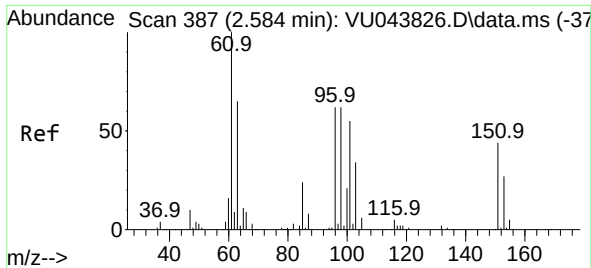
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.08 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.006 min

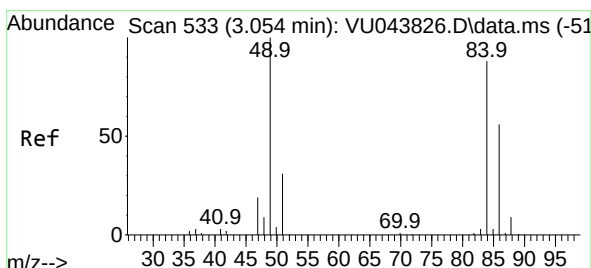
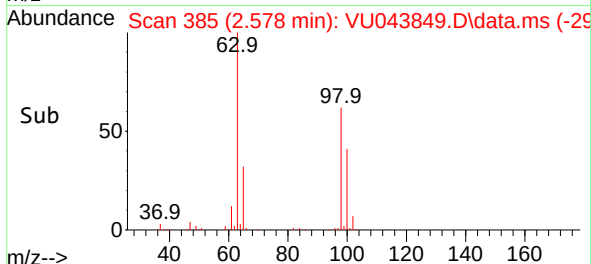
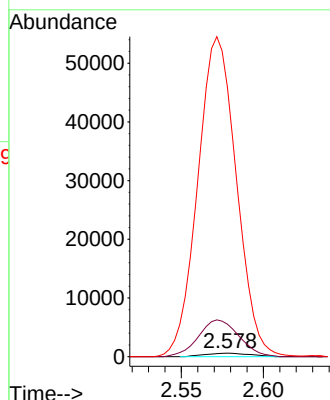
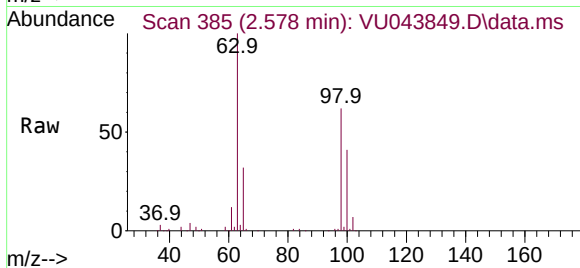
Lab File: VU043849.D

Acq: 20 May 2021 00:17

Tgt Ion: 96 Resp: 1122

Ion	Ratio	Lower	Upper
96	100		
61	926.1	117.5	218.1#
63	7680.3	77.3	143.7#

Instrument :
MSVOA_U
ClientSampleId :
C0GK8



#16

Methylene chloride

Concen: 0.22 ug/L

RT: 3.054 min Scan# 533

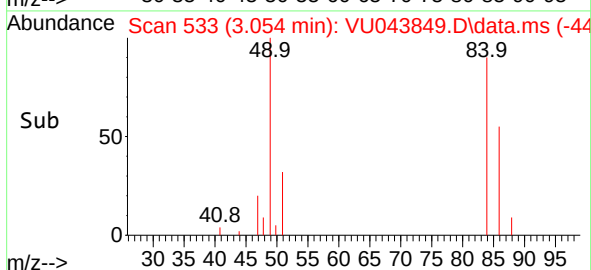
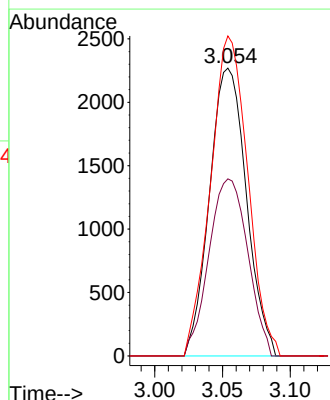
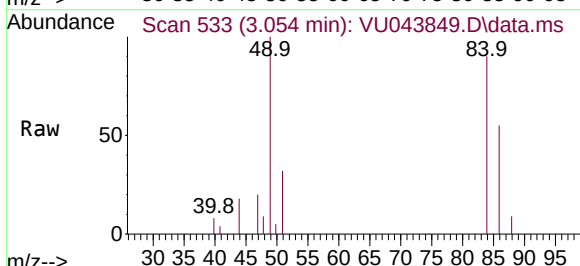
Delta R.T. -0.000 min

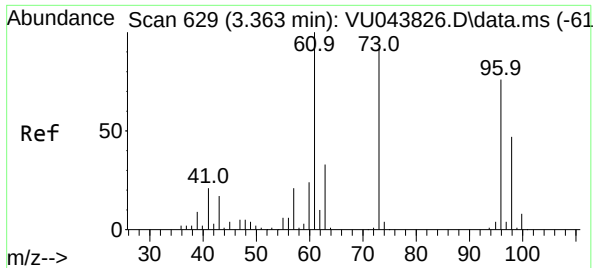
Lab File: VU043849.D

Acq: 20 May 2021 00:17

Tgt Ion: 84 Resp: 4305

Ion	Ratio	Lower	Upper
84	100		
86	61.5	44.7	82.9
49	116.6	83.1	154.3



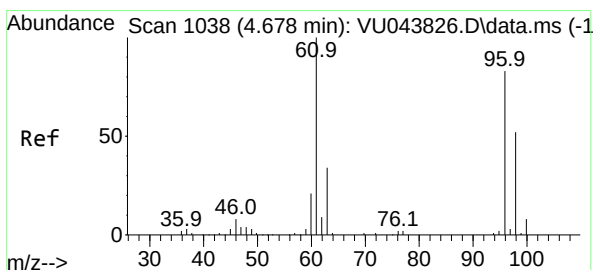
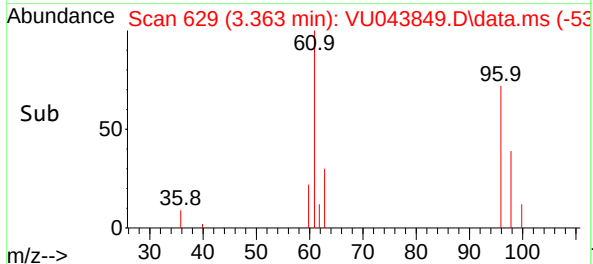
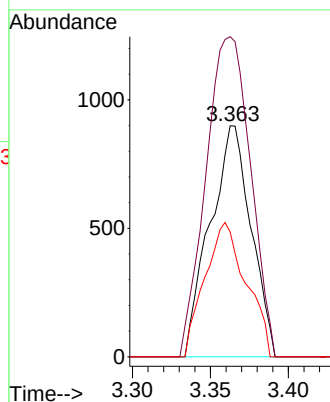
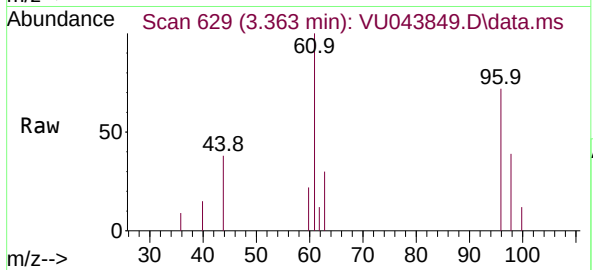


#18

trans-1,2-Dichloroethene
Concen: 0.12 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043849.D
Acq: 20 May 2021 00:17

Instrument :
MSVOA_U
ClientSampleId :
C0GK8

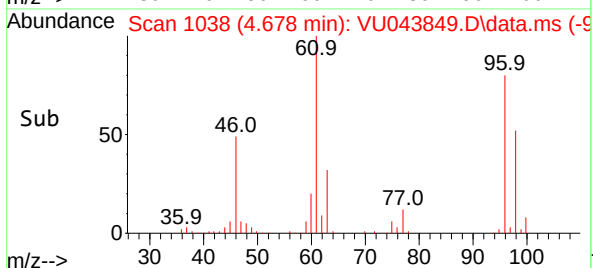
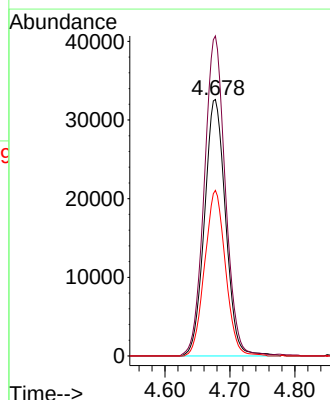
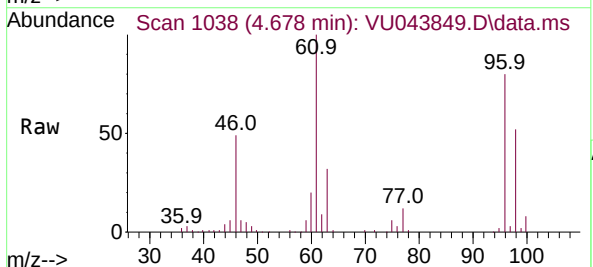
Tgt Ion:	96	Resp:	1644
Ion	Ratio	Lower	Upper
96	100		
61	138.6	99.6	185.0
98	54.1	43.8	81.4

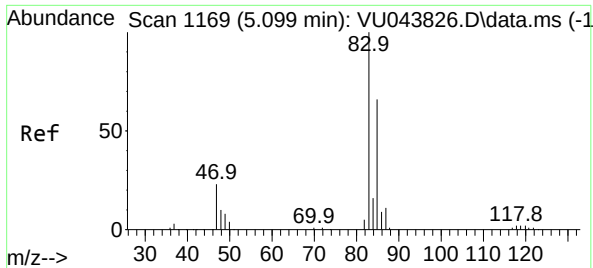


#22

cis-1,2-Dichloroethene
Concen: 5.00 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043849.D
Acq: 20 May 2021 00:17

Tgt Ion:	96	Resp:	73762
Ion	Ratio	Lower	Upper
96	100		
61	124.8	89.0	165.4
98	64.6	44.9	83.3

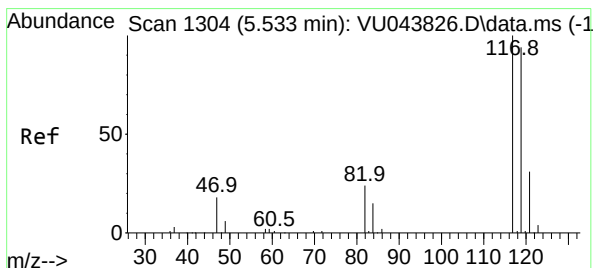
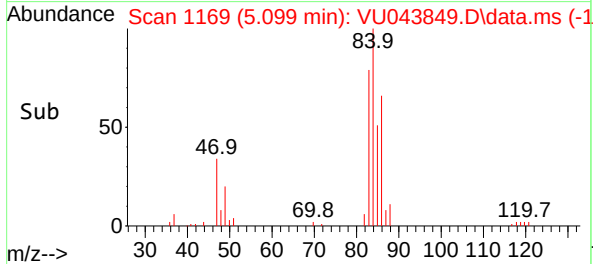
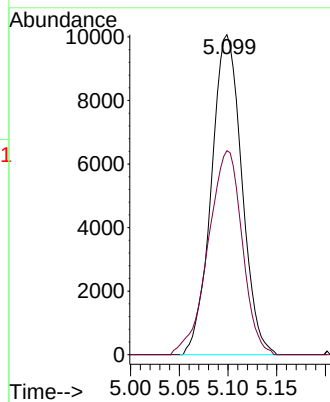
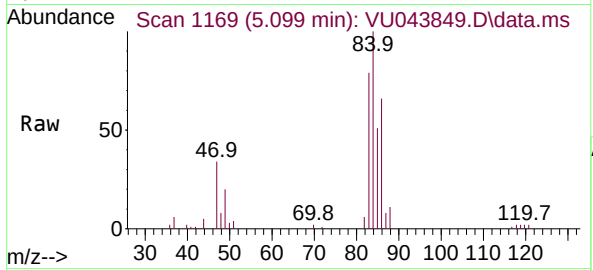




#25
Chloroform
Concen: 0.87 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043849.D
Acq: 20 May 2021 00:17

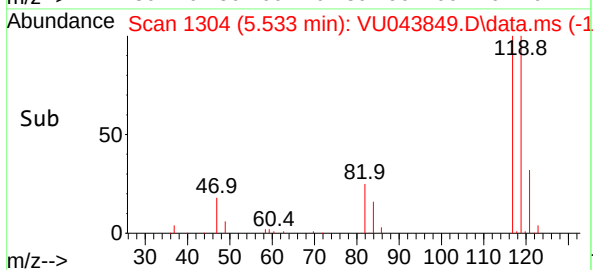
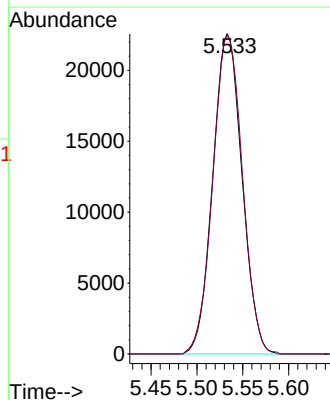
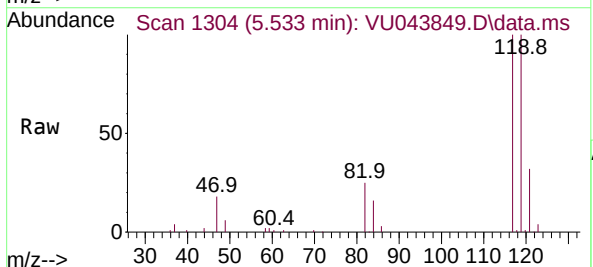
Instrument :
MSVOA_U
ClientSampleId :
C0GK8

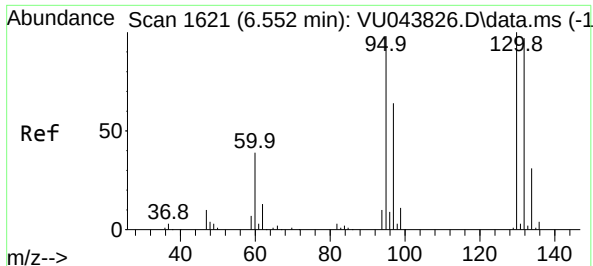
Tgt Ion: 83 Resp: 21883
Ion Ratio Lower Upper
83 100
85 63.7 45.0 83.6



#31
Carbon tetrachloride
Concen: 2.77 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043849.D
Acq: 20 May 2021 00:17

Tgt Ion: 117 Resp: 50045
Ion Ratio Lower Upper
117 100
119 100.7 77.4 116.0

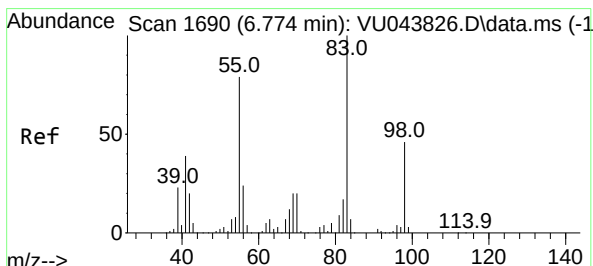
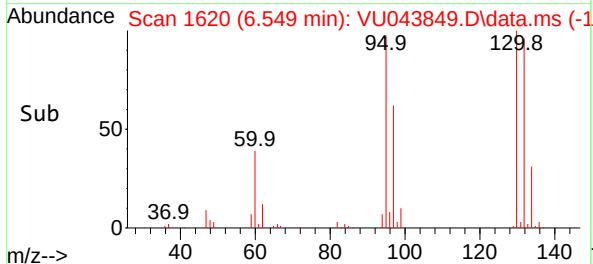
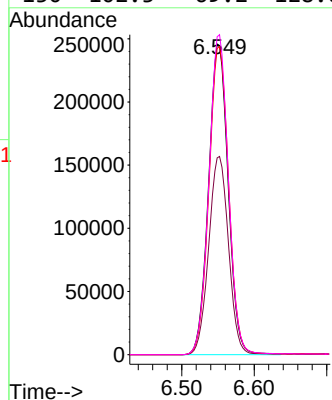
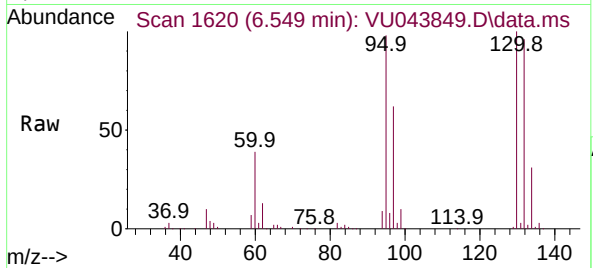




#34
Trichloroethene
Concen: 30.05 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043849.D
Acq: 20 May 2021 00:17

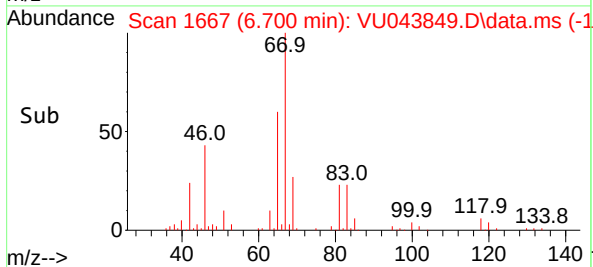
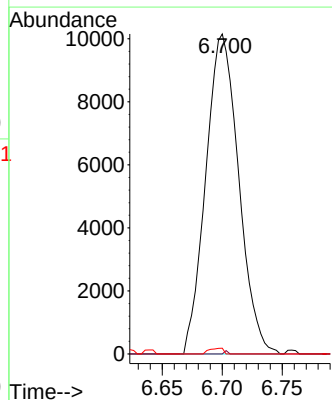
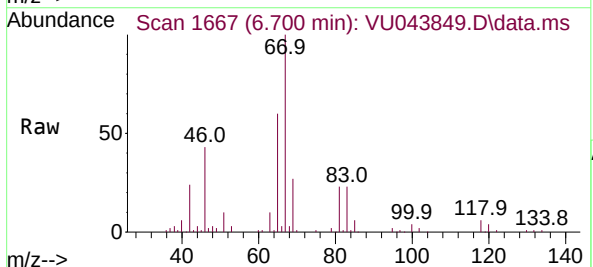
Instrument :
MSVOA_U
ClientSampleId :
C0GK8

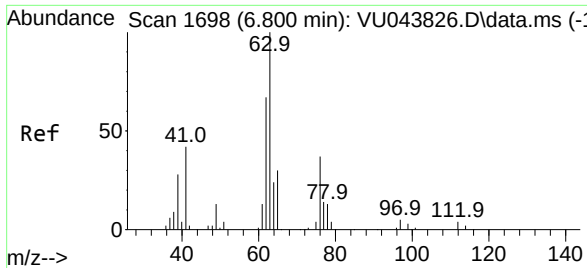
Tgt Ion: 95 Resp: 463229
Ion Ratio Lower Upper
95 100
97 63.3 44.3 82.3
132 98.5 66.0 122.6
130 102.3 69.2 128.6



#35
Methylcyclohexane
Concen: 0.81 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043849.D
Acq: 20 May 2021 00:17

Tgt Ion: 83 Resp: 19400
Ion Ratio Lower Upper
83 100
55 0.1 64.8 97.2#
98 0.0 35.9 53.9#

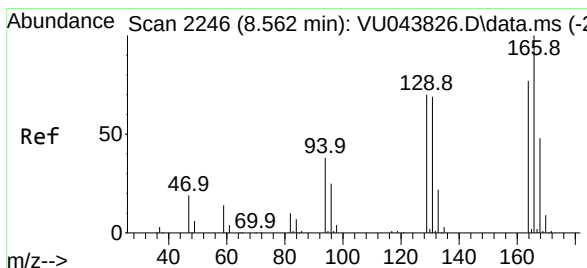
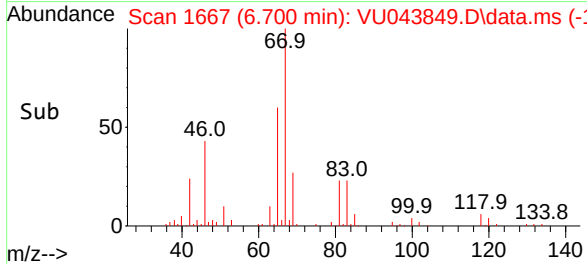
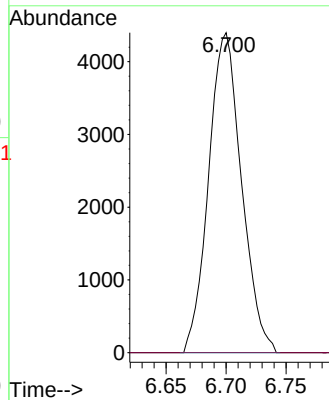
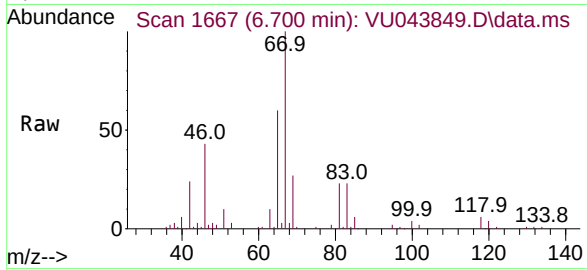




#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043849.D
Acq: 20 May 2021 00:17

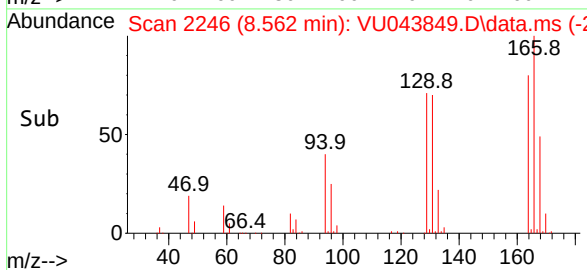
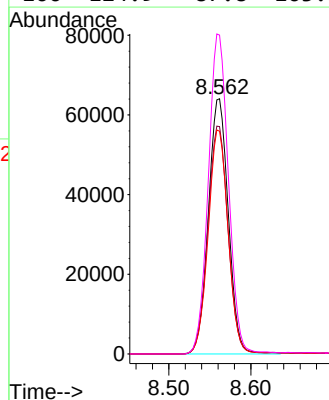
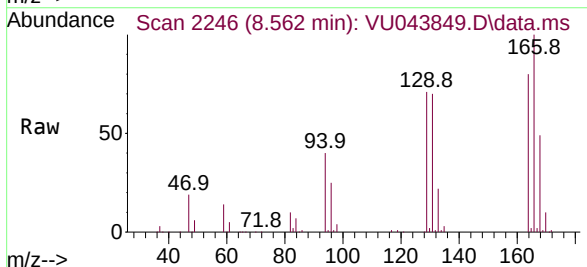
Instrument :
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ClientSampleId :
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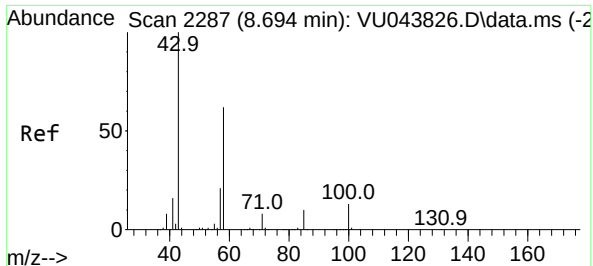
Tgt Ion: 63 Resp: 8392
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 8.71 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043849.D
Acq: 20 May 2021 00:17

Tgt Ion: 164 Resp: 108524
Ion Ratio Lower Upper
164 100
129 89.1 64.1 119.1
131 87.3 61.2 113.8
166 124.9 87.8 163.2

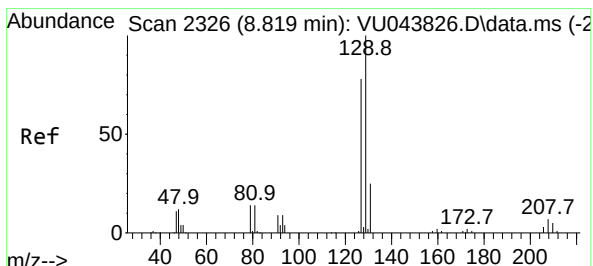
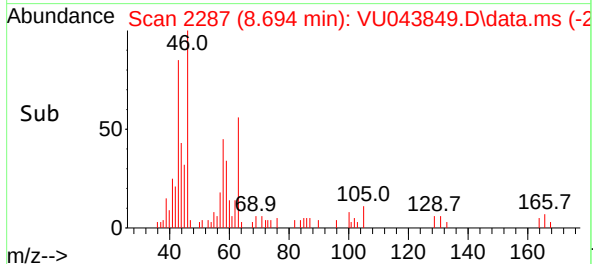
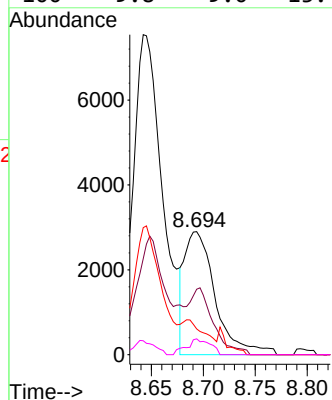
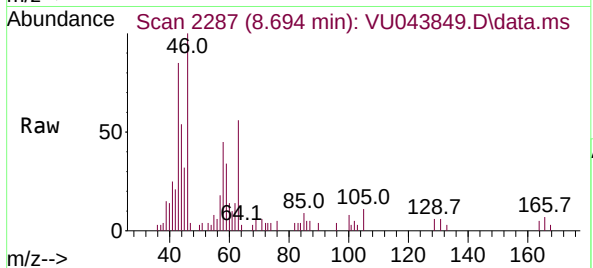




#48
2-Hexanone
Concen: 0.80 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043849.D
Acq: 20 May 2021 00:17

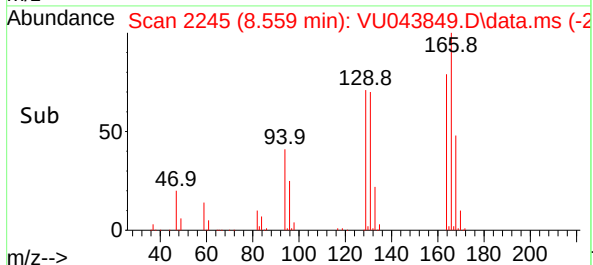
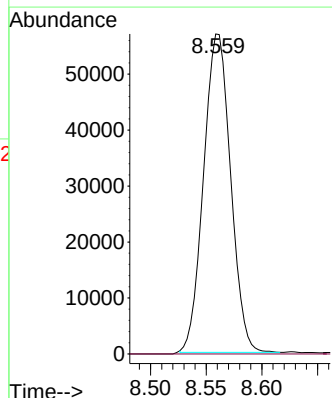
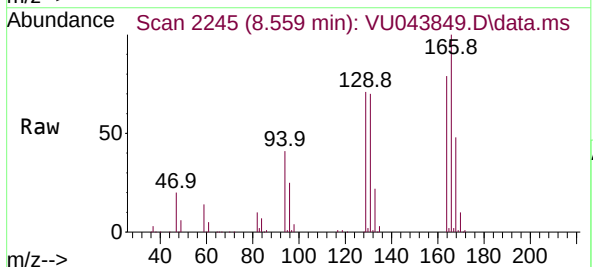
Instrument :
MSVOA_U
ClientSampled :
C0GK8

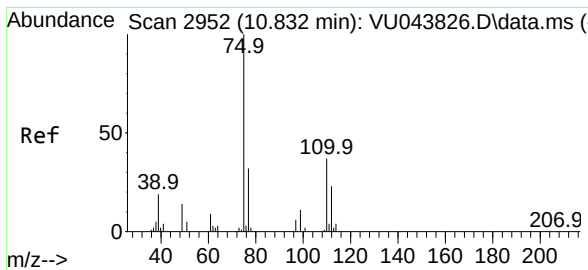
Tgt Ion:	43	Resp:	5965
Ion	Ratio	Lower	Upper
43	100		
58	40.2	47.0	70.4#
57	20.8	15.8	23.8
100	9.8	9.0	13.4



#49
Dibromochloromethane
Concen: 7.62 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043849.D
Acq: 20 May 2021 00:17

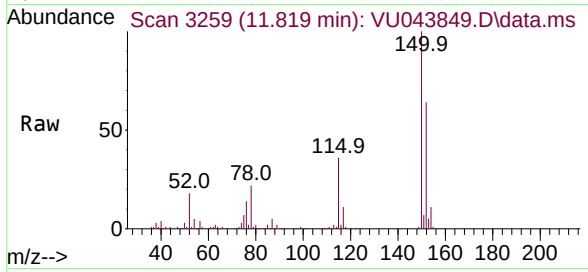
Tgt Ion:	129	Resp:	95945
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.10 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043849.D
 Acq: 20 May 2021 00:17

Instrument :
 MSVOA_U
 ClientSampleId :
 C0GK8



Tgt Ion:	75	Resp:	9928
Ion Ratio	Lower	Upper	
75	100		
110	1.2	27.9	41.9#
77	30.7	25.9	38.9

