

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043539.D
 Acq On : 04 May 2021 23:01
 Operator : SY/MD
 Sample : M2195-08 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H6

Quant Time: May 05 08:19:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 08:11:40 2021
 Response via : Initial Calibration

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

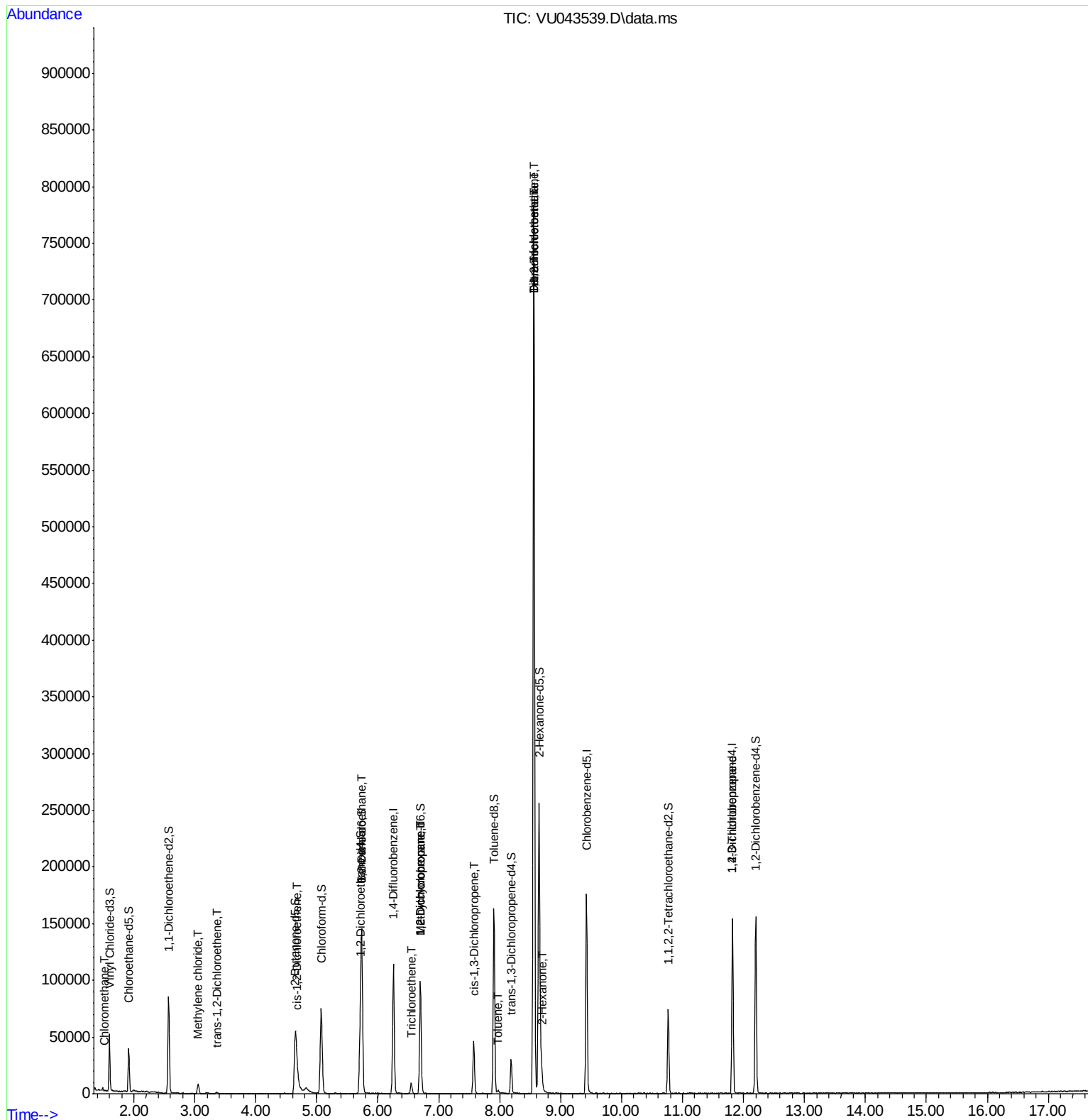
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	83625	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	87319	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37544	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33091	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.916	69	25240	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.572	65	16660	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	4.649	46	113626	54.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.86%
24) Chloroform-d	5.073	84	64923	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.713	65	41898	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.735	84	118598	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.700	67	42007	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.906	98	99535	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloroprop...	8.186	79	15553	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.645	63	83438	59.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34830	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	38115	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	494	0.08	ug/L	99
16) Methylene chloride	3.054	84	3348	0.45	ug/L	91
18) trans-1,2-Dichloroethene	3.359	96	339	0.07	ug/L	86
22) cis-1,2-Dichloroethene	4.674	96	1905	0.33	ug/L	92
27) 1,2-Dichloroethane	5.732	62	739	0.09	ug/L #	78
34) Trichloroethene	6.549	95	3098	0.53	ug/L	90
35) Methylcyclohexane	6.700	83	9408	1.24	ug/L #	13
37) 1,2-Dichloropropane	6.700	63	5171	0.75	ug/L #	90
39) cis-1,3-Dichloropropene	7.575	75	1084	0.12	ug/L #	49
42) Toluene	7.973	91	2054	0.09	ug/L	96
45) 1,1,2-Trichloroethane	8.559	97	1388	0.29	ug/L #	1
47) Tetrachloroethene	8.562	164	158411	36.61	ug/L	97
48) 2-Hexanone	8.694	43	4649	1.12	ug/L #	92
49) Dibromochloromethane	8.562	129	152316	26.55	ug/L #	12
61) 1,2,3-Trichloropropane	11.819	75	5106	1.34	ug/L #	65

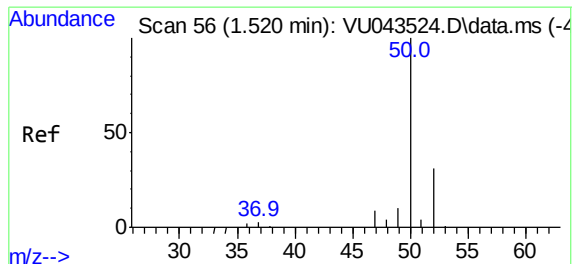
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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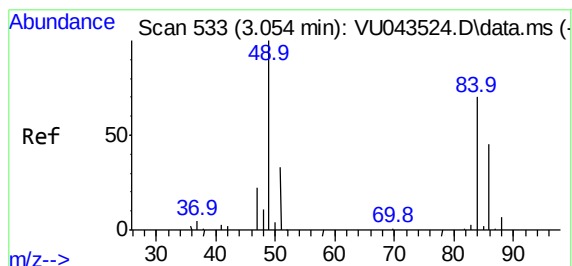
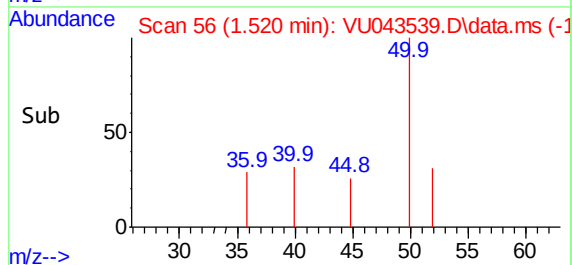
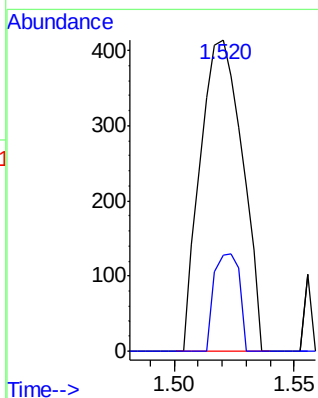
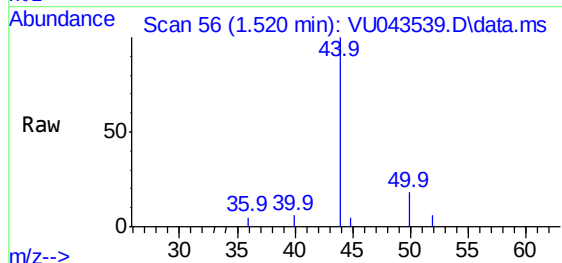




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

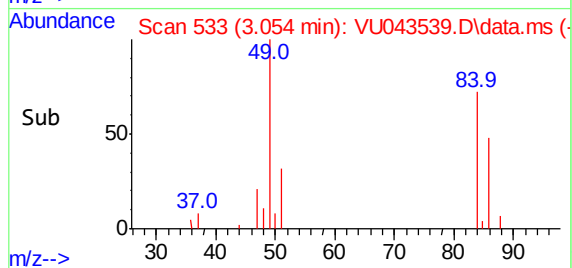
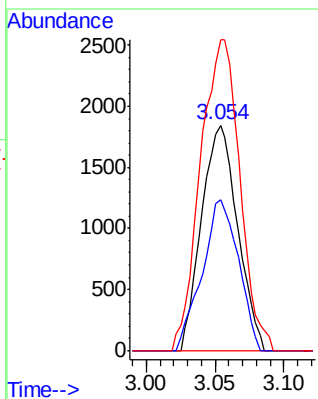
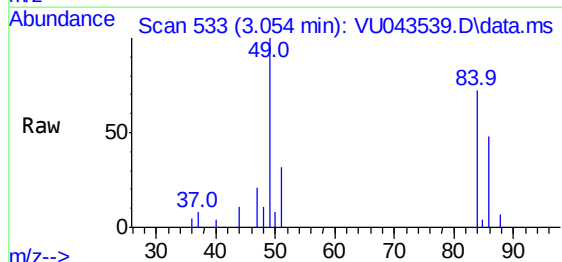
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MSVOA_U
ClientSampleId :
GB3H6

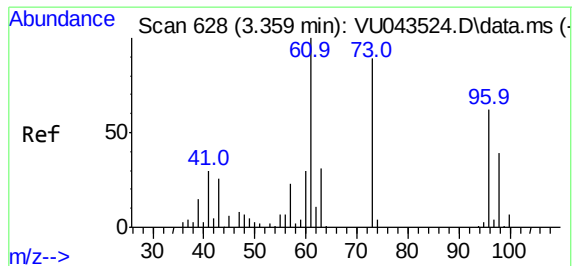
Tgt Ion: 50 Resp: 494
Ion Ratio Lower Upper
50 100
52 30.9 22.1 41.1



#16
Methylene chloride
Concen: 0.45 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

Tgt Ion: 84 Resp: 3348
Ion Ratio Lower Upper
84 100
86 66.7 45.6 84.6
49 137.9 107.0 198.8

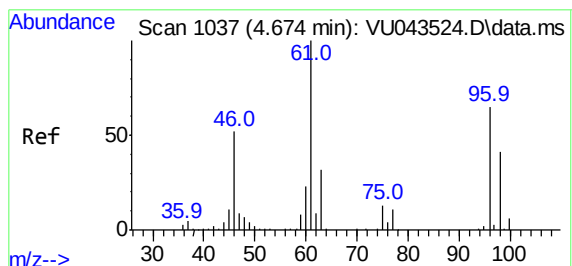
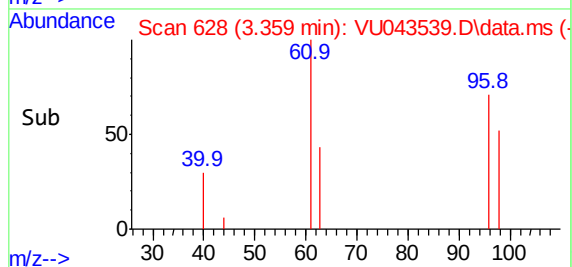
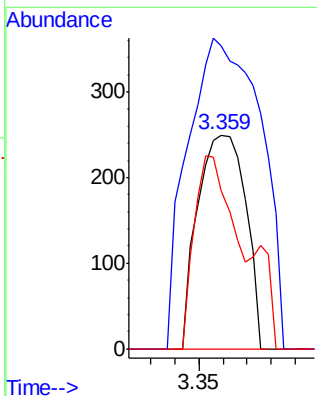
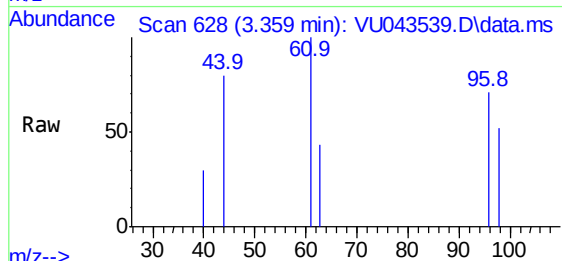




#18
trans-1,2-Dichloroethene
Concen: 0.07 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

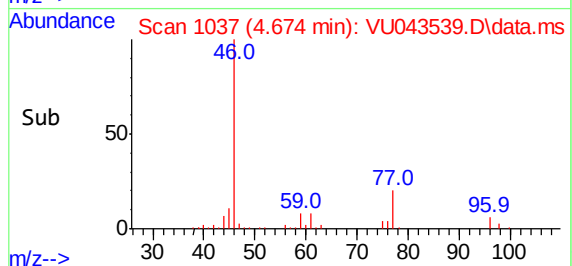
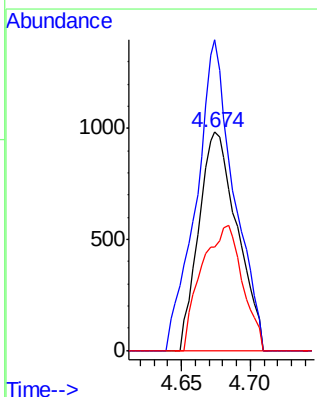
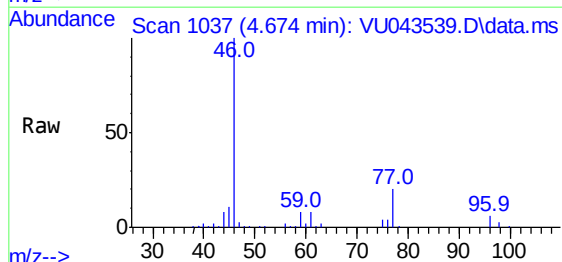
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ClientSampleId :
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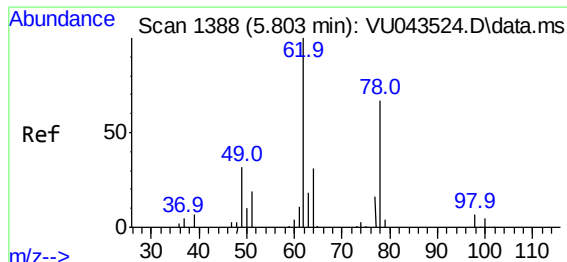
Tgt Ion: 96 Resp: 339
Ion Ratio Lower Upper
96 100
61 141.6 113.5 210.9
98 74.0 45.4 84.2



#22
cis-1,2-Dichloroethene
Concen: 0.33 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

Tgt Ion: 96 Resp: 1905
Ion Ratio Lower Upper
96 100
61 142.3 102.8 190.8
98 47.6 42.8 79.6

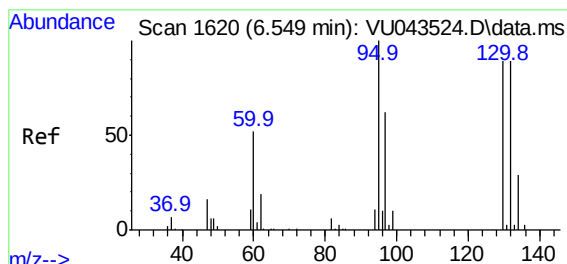
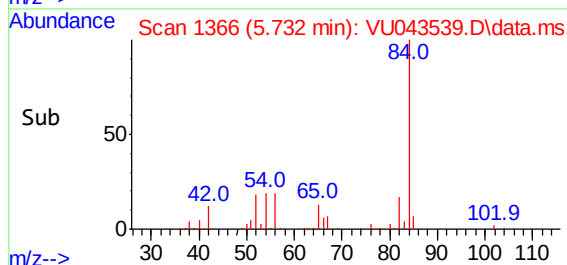
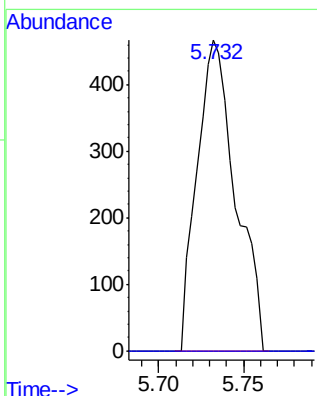
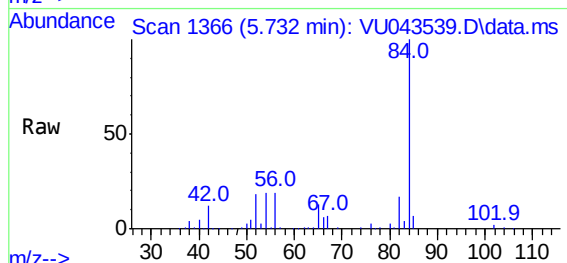




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

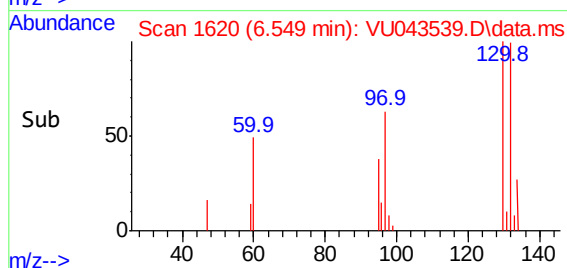
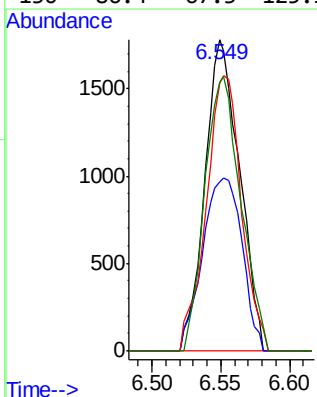
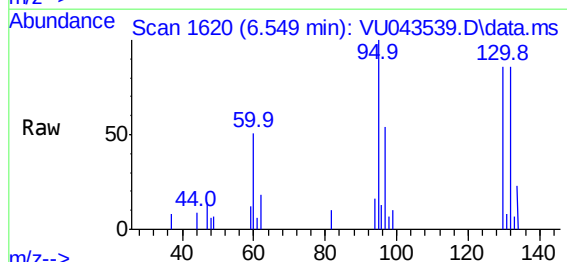
Instrument :
MSVOA_U
ClientSampled :
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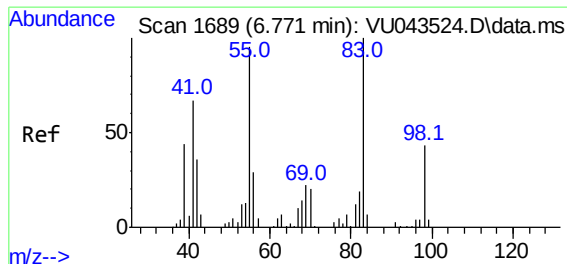
Tgt Ion: 62 Resp: 739
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#



#34
Trichloroethene
Concen: 0.53 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

Tgt Ion: 95 Resp: 3098
Ion Ratio Lower Upper
95 100
97 54.4 46.5 86.5
132 85.8 64.1 119.1
130 86.4 67.3 125.1

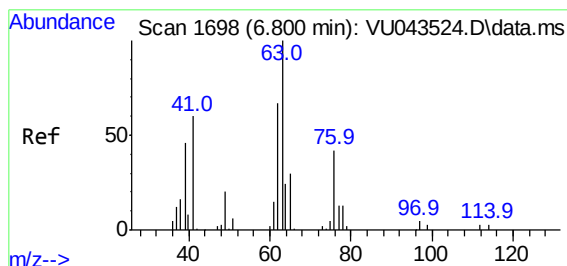
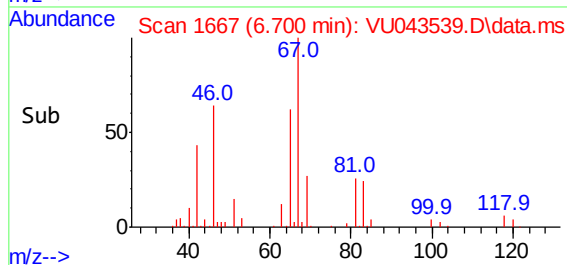
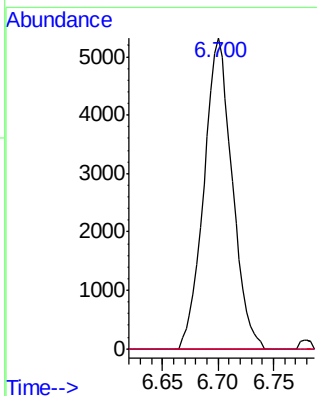
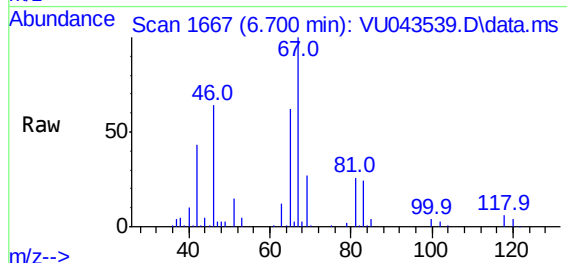




#35
Methylcyclohexane
Concen: 1.24 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

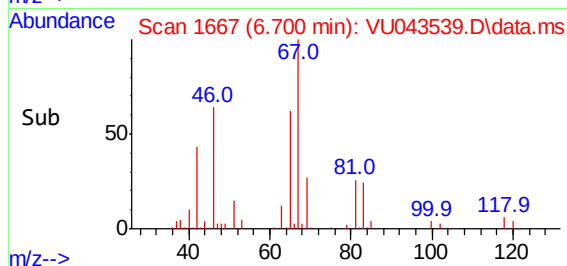
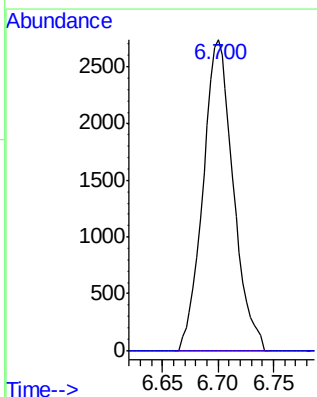
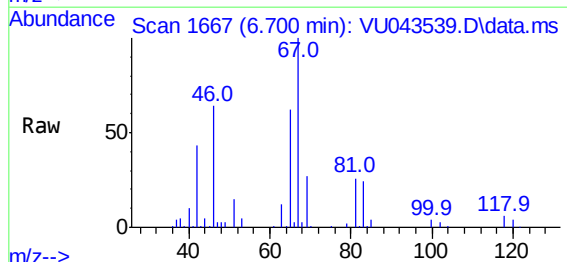
Instrument :
MSVOA_U
ClientSampled :
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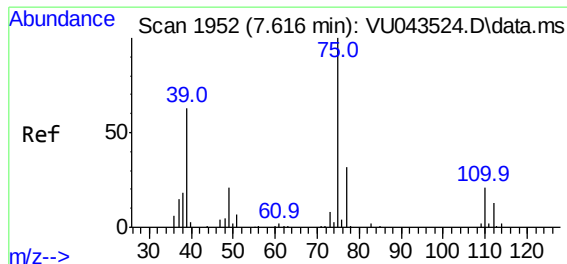
Tgt Ion: 83 Resp: 9408
Ion Ratio Lower Upper
83 100
55 0.0 75.8 113.8#
98 2.7 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

Tgt Ion: 63 Resp: 5171
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

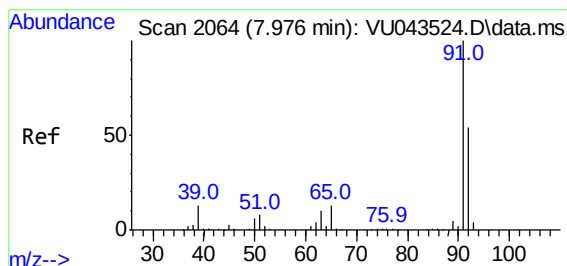
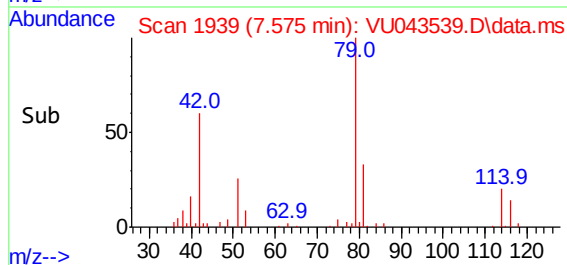
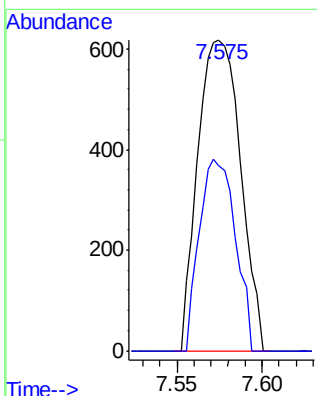
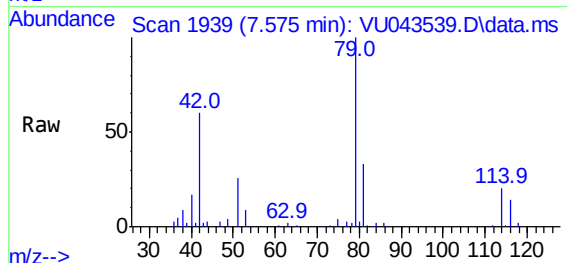




#39
 cis-1,3-Dichloropropene
 Concen: 0.12 ug/L
 RT: 7.575 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU043539.D
 Acq: 04 May 2021 23:01

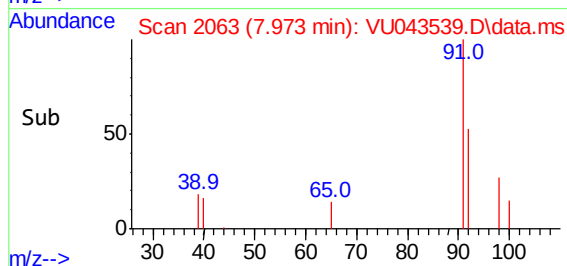
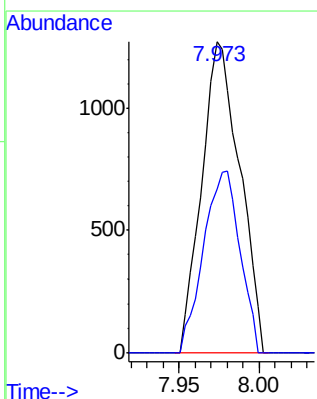
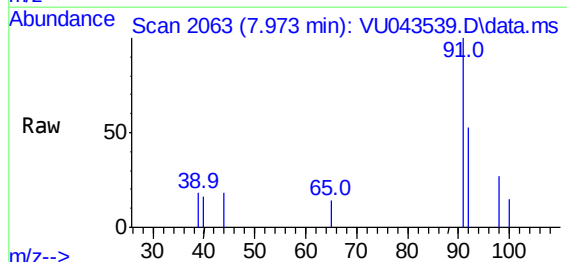
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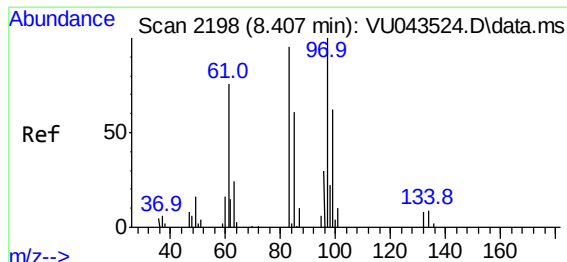
Tgt Ion: 75 Resp: 1084
 Ion Ratio Lower Upper
 75 100
 77 59.5 21.9 40.7#



#42
 Toluene
 Concen: 0.09 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.003 min
 Lab File: VU043539.D
 Acq: 04 May 2021 23:01

Tgt Ion: 91 Resp: 2054
 Ion Ratio Lower Upper
 91 100
 92 52.6 39.1 72.5

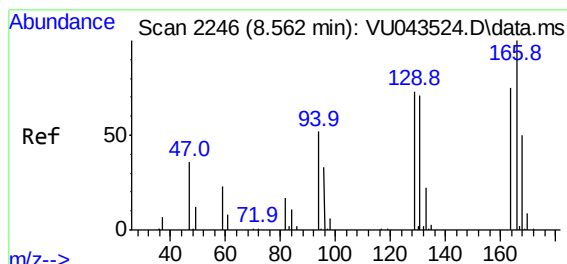
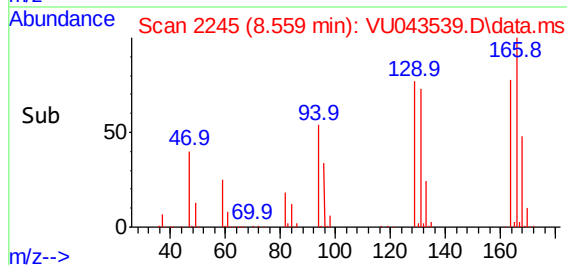
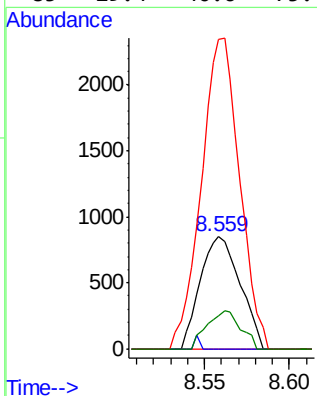
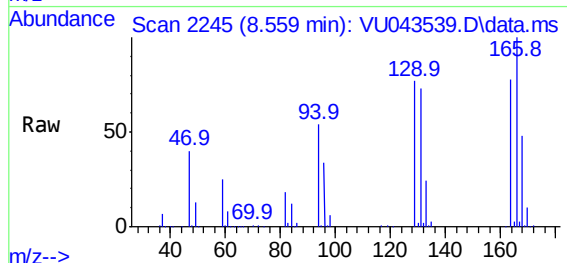




#45
1,1,2-Trichloroethane
Concen: 0.29 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

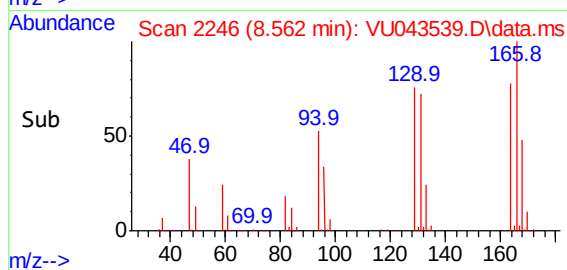
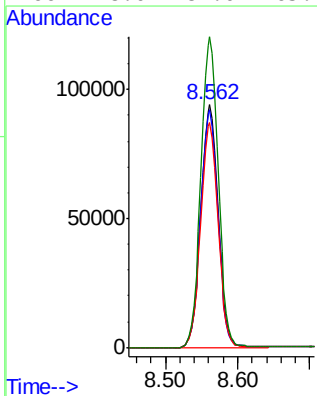
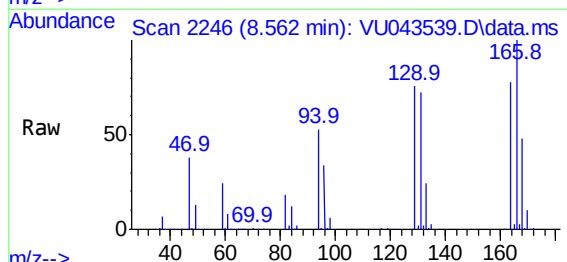
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ClientSampled :
GB3H6

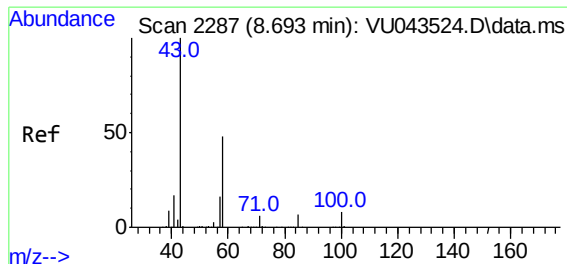
Tgt Ion: 97 Resp: 1388
Ion Ratio Lower Upper
97 100
99 0.0 42.6 79.0#
83 276.4 64.1 119.1#
85 29.4 40.6 75.4#



#47
Tetrachloroethene
Concen: 36.61 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

Tgt Ion:164 Resp: 158411
Ion Ratio Lower Upper
164 100
129 97.8 62.5 116.1
131 92.8 64.9 120.5
166 128.0 89.0 165.2

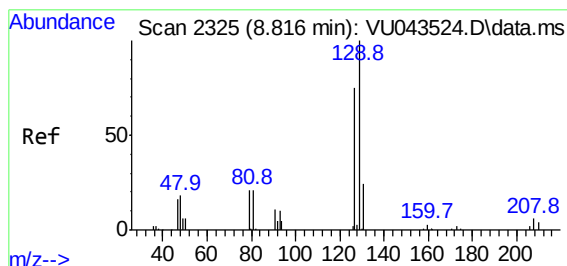
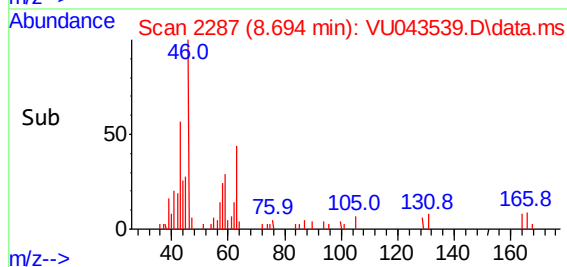
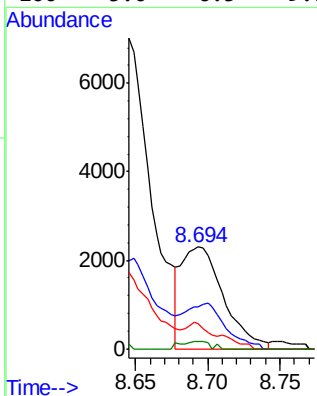
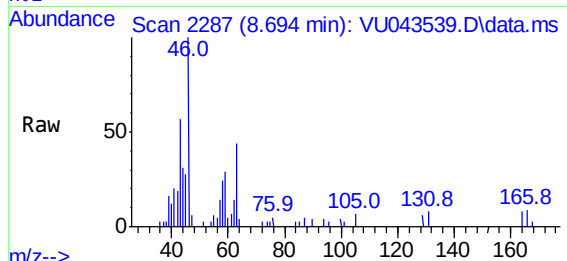




#48
2-Hexanone
Concen: 1.12 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

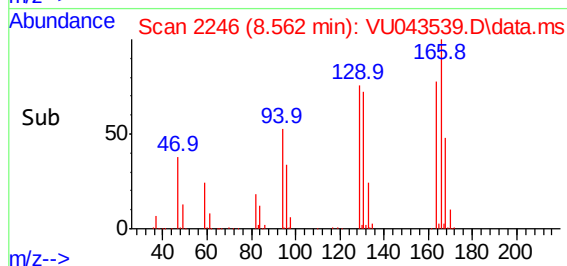
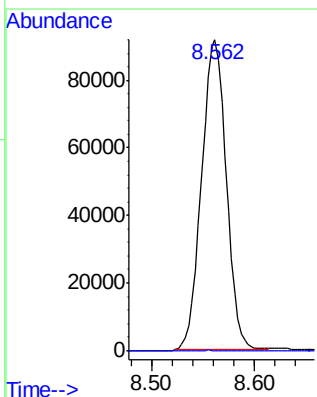
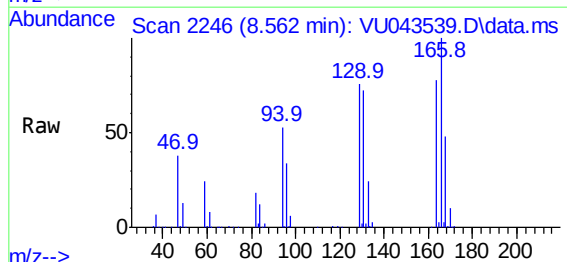
Instrument :
MSVOA_U
ClientSampled :
GB3H6

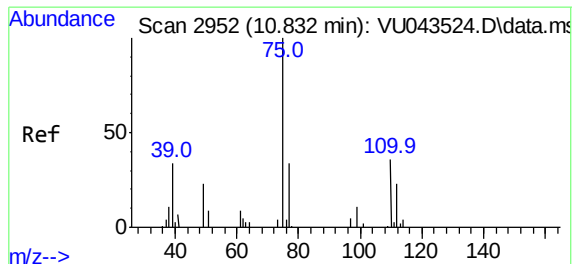
Tgt Ion:	43	Resp:	4649
Ion	Ratio	Lower	Upper
43	100		
58	40.7	36.8	55.2
57	20.2	13.2	19.8#
100	5.0	6.5	9.7#



#49
Dibromochloromethane
Concen: 26.55 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.254 min
Lab File: VU043539.D
Acq: 04 May 2021 23:01

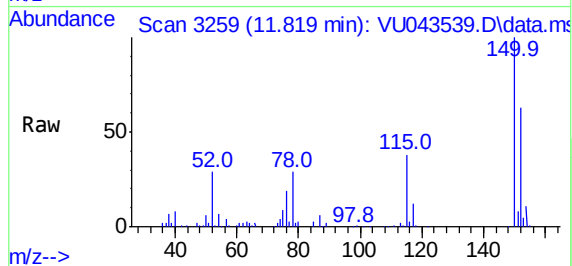
Tgt Ion:	129	Resp:	152316
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.34 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043539.D
 Acq: 04 May 2021 23:01

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H6



Tgt Ion: 75 Resp: 5106
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.6 42.8#
 77 35.8 25.7 38.5

