

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043269.D
 Acq On : 22 Apr 2021 11:39
 Operator : SY/MD
 Sample : M2088-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4504

Quant Time: Apr 22 23:40:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

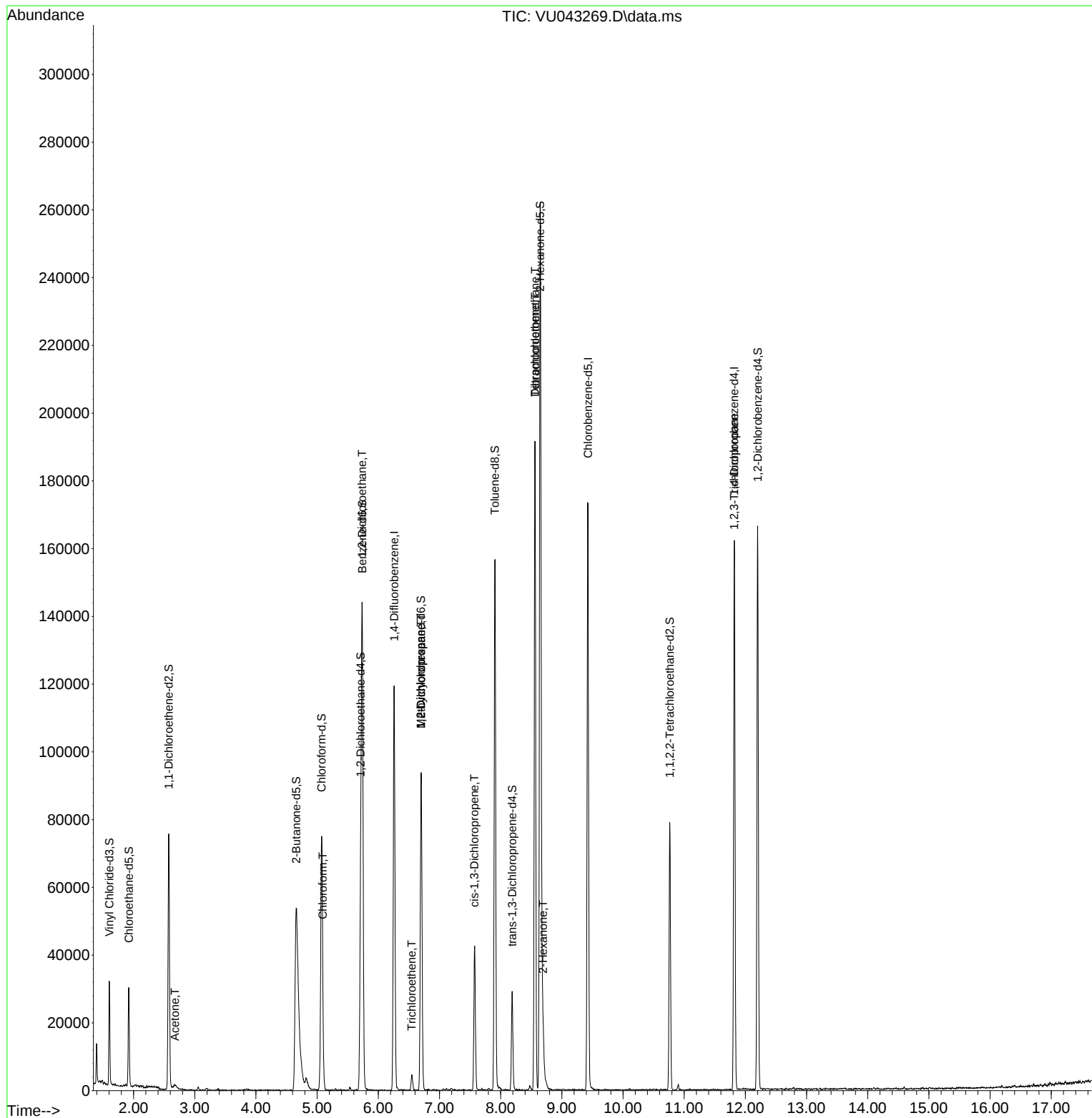
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	86042	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	86624	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39887	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20643	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.922	69	19233	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.575	65	14554	5.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.00%
20) 2-Butanone-d5	4.658	46	142680	74.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.70%#
24) Chloroform-d	5.073	84	65768	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.20%
26) 1,2-Dichloroethane-d4	5.713	65	44966	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.60%
32) Benzene-d6	5.739	84	116730	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
36) 1,2-Dichloropropane-d6	6.700	67	40602	6.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.40%
41) Toluene-d8	7.906	98	96694	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.189	79	14709	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.645	63	82528	56.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	36974	6.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.60%#
66) 1,2-Dichlorobenzene-d4	12.201	152	40145	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%
Target Compounds						
					Qvalue	
13) Acetone	2.678	43	3026	2.15	ug/L	92
25) Chloroform	5.092	83	1918	0.16	ug/L	95
27) 1,2-Dichloroethane	5.736	62	984	0.11	ug/L	# 74
34) Trichloroethene	6.546	95	1435	0.22	ug/L	# 74
35) Methylcyclohexane	6.700	83	9175	1.04	ug/L	# 20
37) 1,2-Dichloropropane	6.700	63	5040	0.77	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	1201	0.13	ug/L	# 75
47) Tetrachloroethene	8.562	164	38549	7.62	ug/L	100
48) 2-Hexanone	8.694	43	7073	1.65	ug/L	# 66
49) Dibromochloromethane	8.562	129	35990	5.85	ug/L	# 9
61) 1,2,3-Trichloropropane	11.816	75	5119	1.24	ug/L	# 61

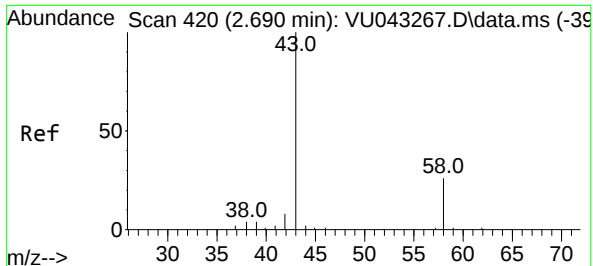
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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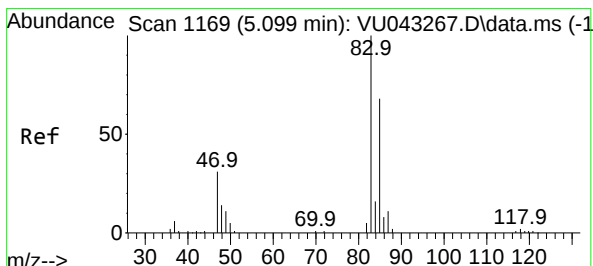
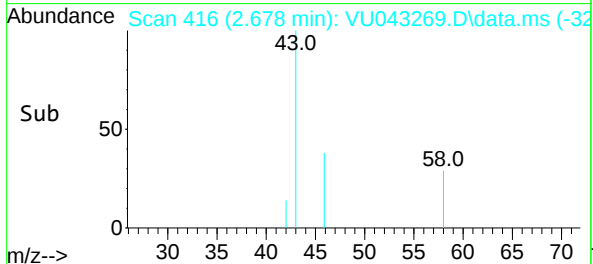
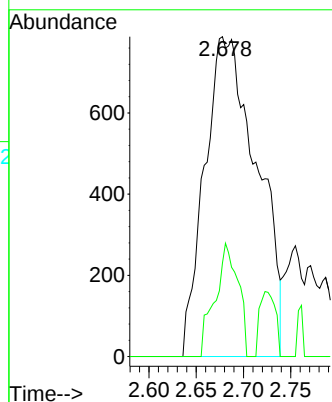
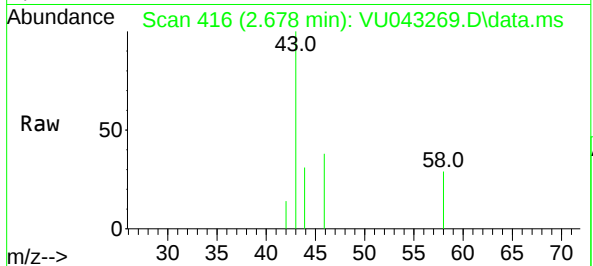




#13
Acetone
Concen: 2.15 ug/L
RT: 2.678 min Scan# 416
Delta R.T. -0.013 min
Lab File: VU043269.D
Acq: 22 Apr 2021 11:39

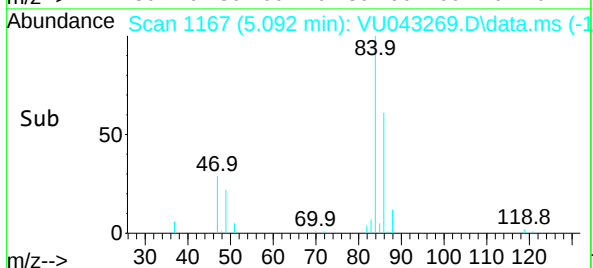
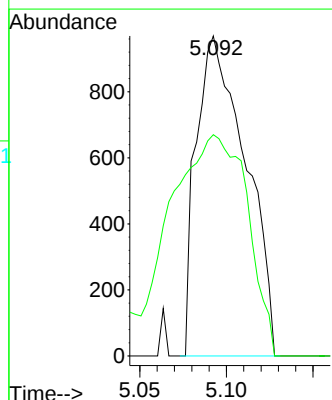
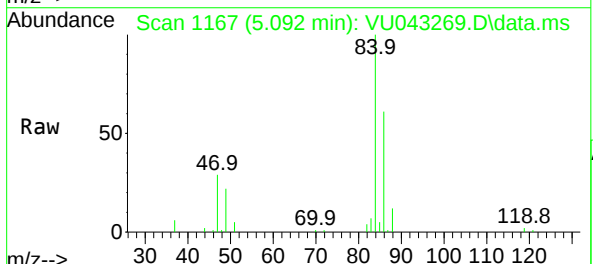
Instrument :
MSVOA_U
ClientSampleId :
H4504

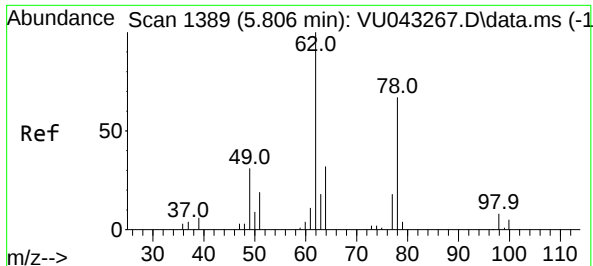
Tgt Ion: 43 Resp: 3026
Ion Ratio Lower Upper
43 100
58 15.6 0.0 25.0



#25
Chloroform
Concen: 0.16 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU043269.D
Acq: 22 Apr 2021 11:39

Tgt Ion: 83 Resp: 1918
Ion Ratio Lower Upper
83 100
85 69.1 45.6 84.8





#27

1,2-Dichloroethane

Concen: 0.11 ug/L

RT: 5.736 min Scan# 1367

Delta R.T. -0.071 min

Lab File: VU043269.D

Acq: 22 Apr 2021 11:39

Tgt Ion: 62 Resp: 984

Ion Ratio Lower Upper

62 100

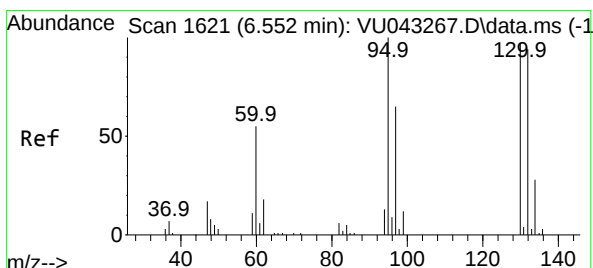
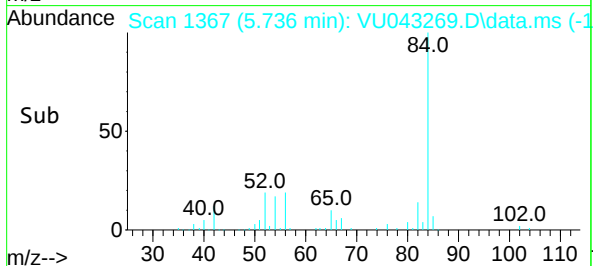
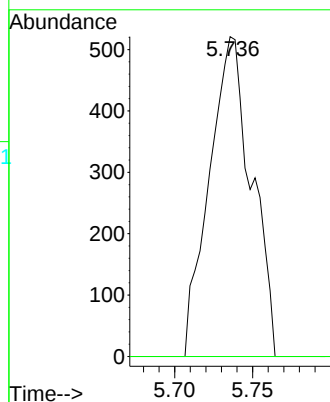
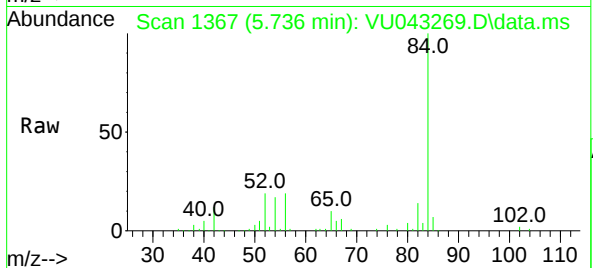
98 0.0 7.5 11.3#

Instrument :

MSVOA_U

ClientSampleId :

H4504



#34

Trichloroethene

Concen: 0.22 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VU043269.D

Acq: 22 Apr 2021 11:39

Tgt Ion: 95 Resp: 1435

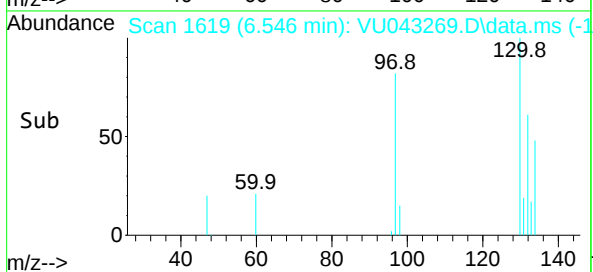
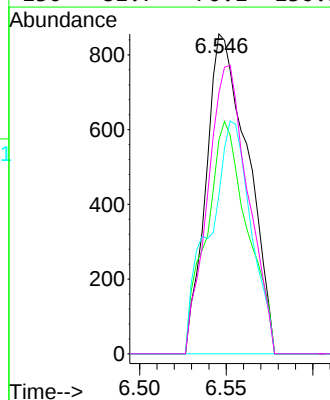
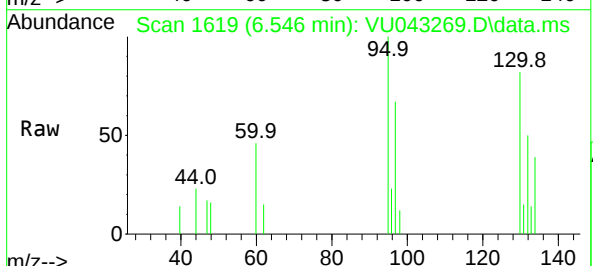
Ion Ratio Lower Upper

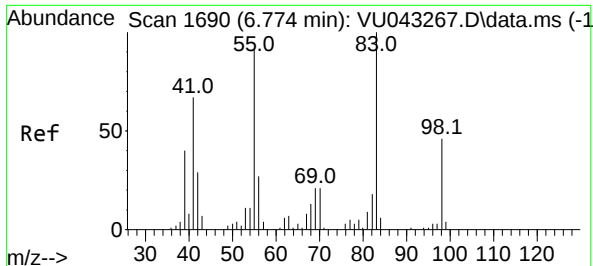
95 100

97 66.9 45.8 85.2

132 49.6 68.7 127.7#

130 81.7 70.1 130.3





#35

Methylcyclohexane

Concen: 1.04 ug/L

RT: 6.700 min Scan# 1667

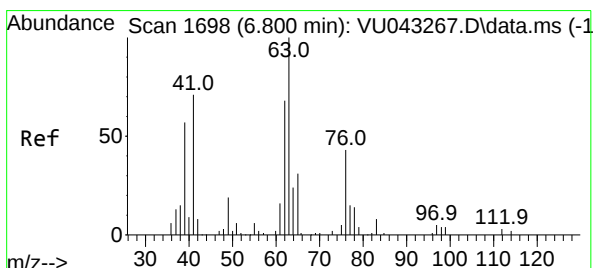
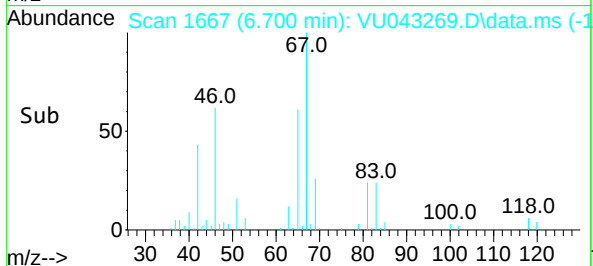
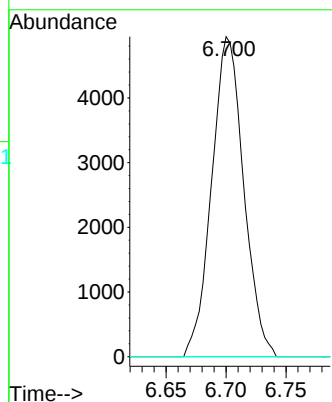
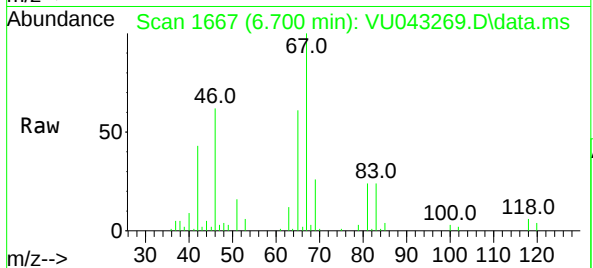
Delta R.T. -0.074 min

Lab File: VU043269.D

Acq: 22 Apr 2021 11:39

Tgt Ion:	83	Resp:	9175
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	1.1	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :
H4504



#37

1,2-Dichloropropane

Concen: 0.77 ug/L

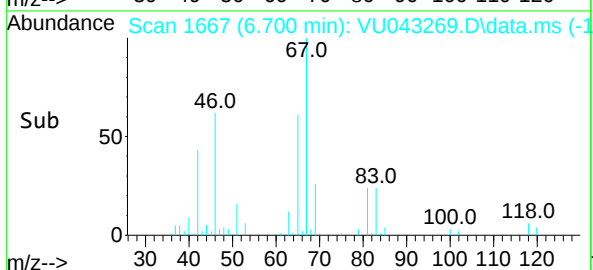
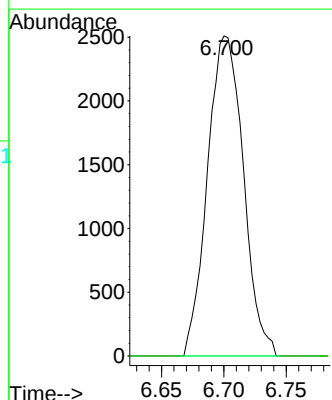
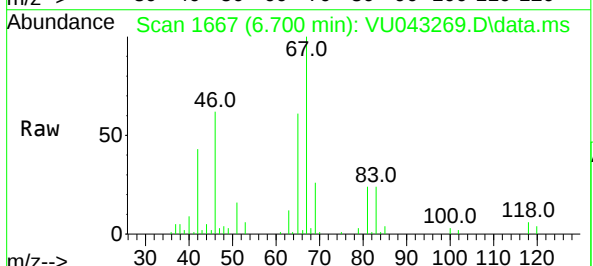
RT: 6.700 min Scan# 1667

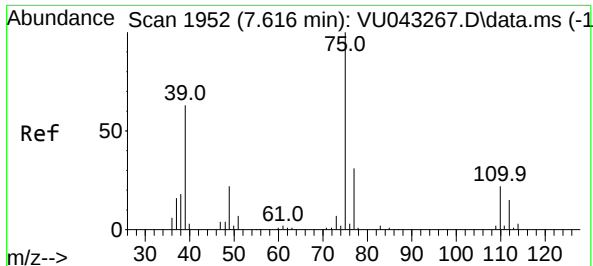
Delta R.T. -0.099 min

Lab File: VU043269.D

Acq: 22 Apr 2021 11:39

Tgt Ion:	63	Resp:	5040
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

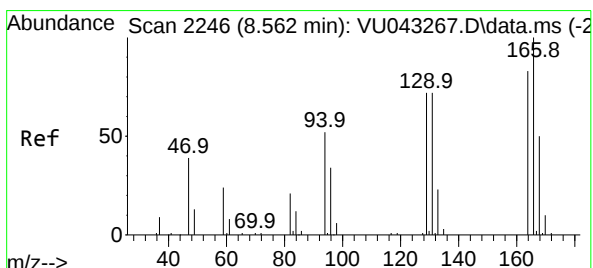
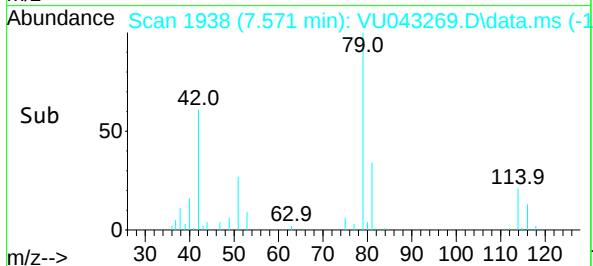
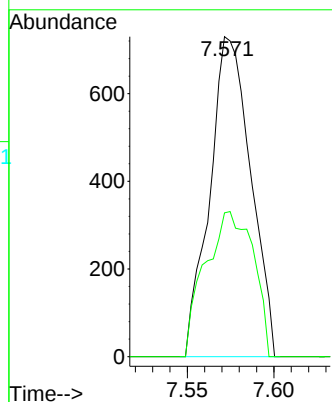
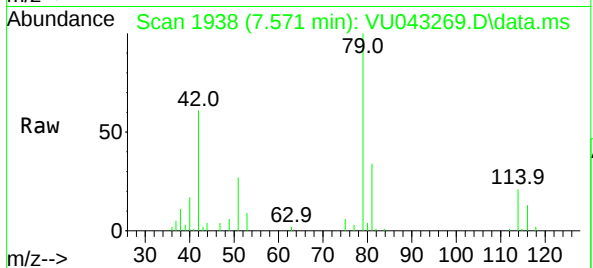




#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043269.D
Acq: 22 Apr 2021 11:39

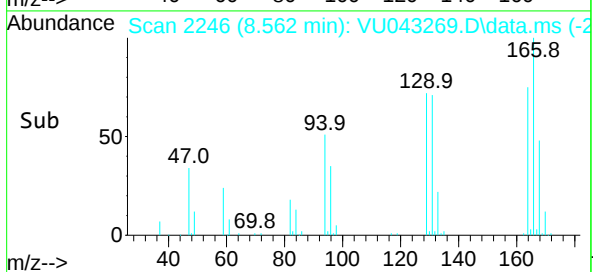
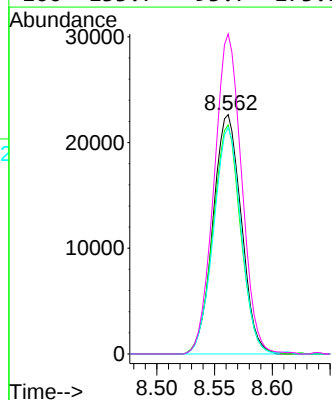
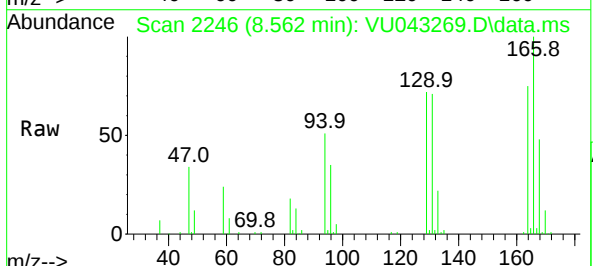
Instrument :
MSVOA_U
ClientSampleId :
H4504

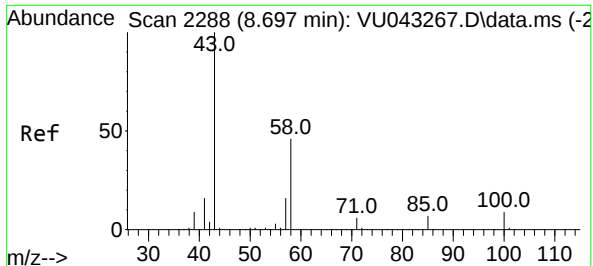
Tgt Ion: 75 Resp: 1201
Ion Ratio Lower Upper
75 100
77 44.9 21.8 40.6#



#47
Tetrachloroethene
Concen: 7.62 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043269.D
Acq: 22 Apr 2021 11:39

Tgt Ion:164 Resp: 38549
Ion Ratio Lower Upper
164 100
129 95.7 66.6 123.8
131 94.6 65.9 122.3
166 133.7 93.7 173.9

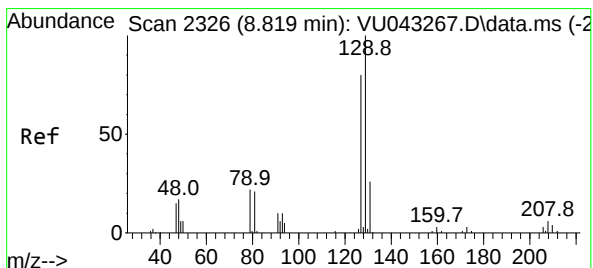
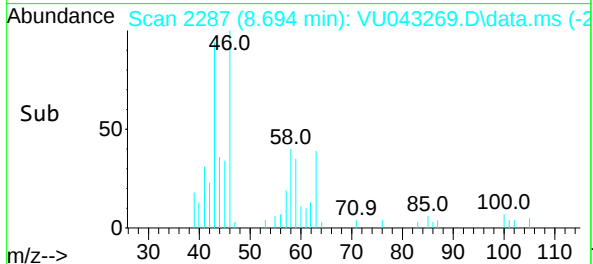
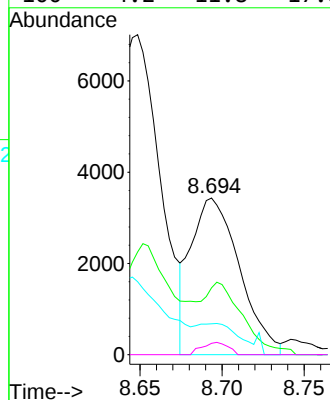
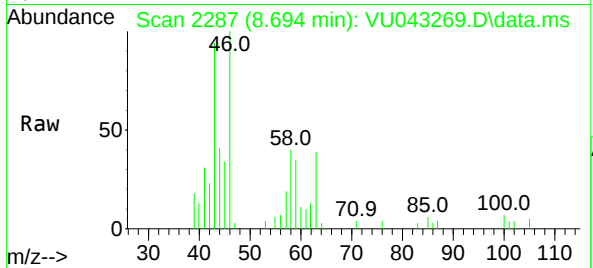




#48
2-Hexanone
Concen: 1.65 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043269.D
Acq: 22 Apr 2021 11:39

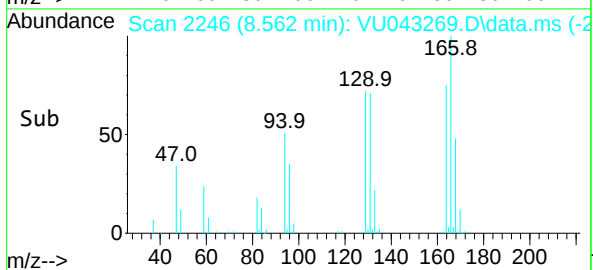
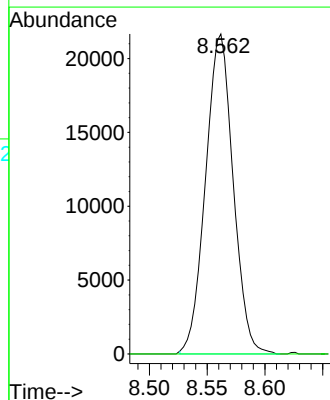
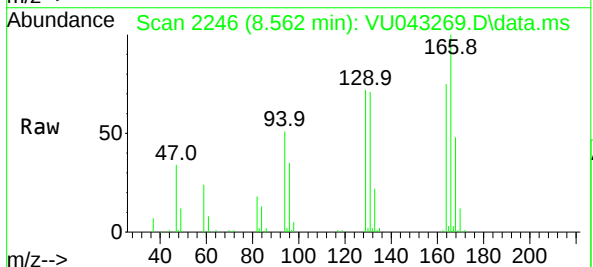
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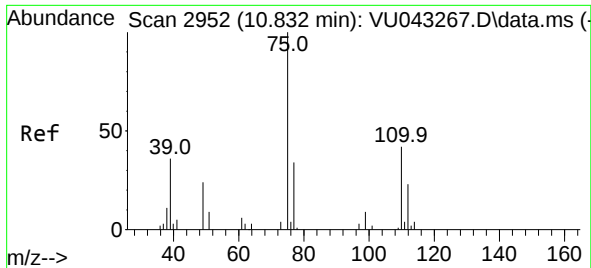
Tgt Ion: 43	Resp: 7073
Ion Ratio	Lower Upper
43 100	
58 37.7	50.0 75.0#
57 0.0	17.4 26.0#
100 4.2	11.8 17.8#



#49
Dibromochloromethane
Concen: 5.85 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043269.D
Acq: 22 Apr 2021 11:39

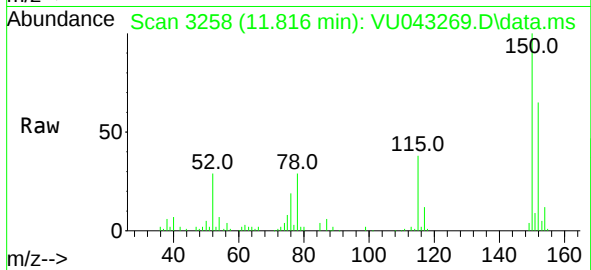
Tgt Ion:129	Resp:	35990	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
1,2,3-Trichloropropane
Concen: 1.24 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.984 min
Lab File: VU043269.D
Acq: 22 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampleId :
H4504



Tgt Ion: 75 Resp: 5119
Ion Ratio Lower Upper
75 100
110 1.2 31.5 47.3#
77 38.8 26.3 39.5

