

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043469.D
 Acq On : 30 Apr 2021 12:27
 Operator : SY/MD
 Sample : M2197-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 13:32:23 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	6.259	114	87073	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	89697	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	40051	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16916	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.919	69	17177	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.575	65	10865	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.648	46	109717	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	5.073	84	53108	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.713	65	33744	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.735	84	92702	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.700	67	33649	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.906	98	76370	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
43) trans-1,3-Dichloroprop...	8.185	79	11859	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.645	63	65952	43.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.46%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27959	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	30171	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

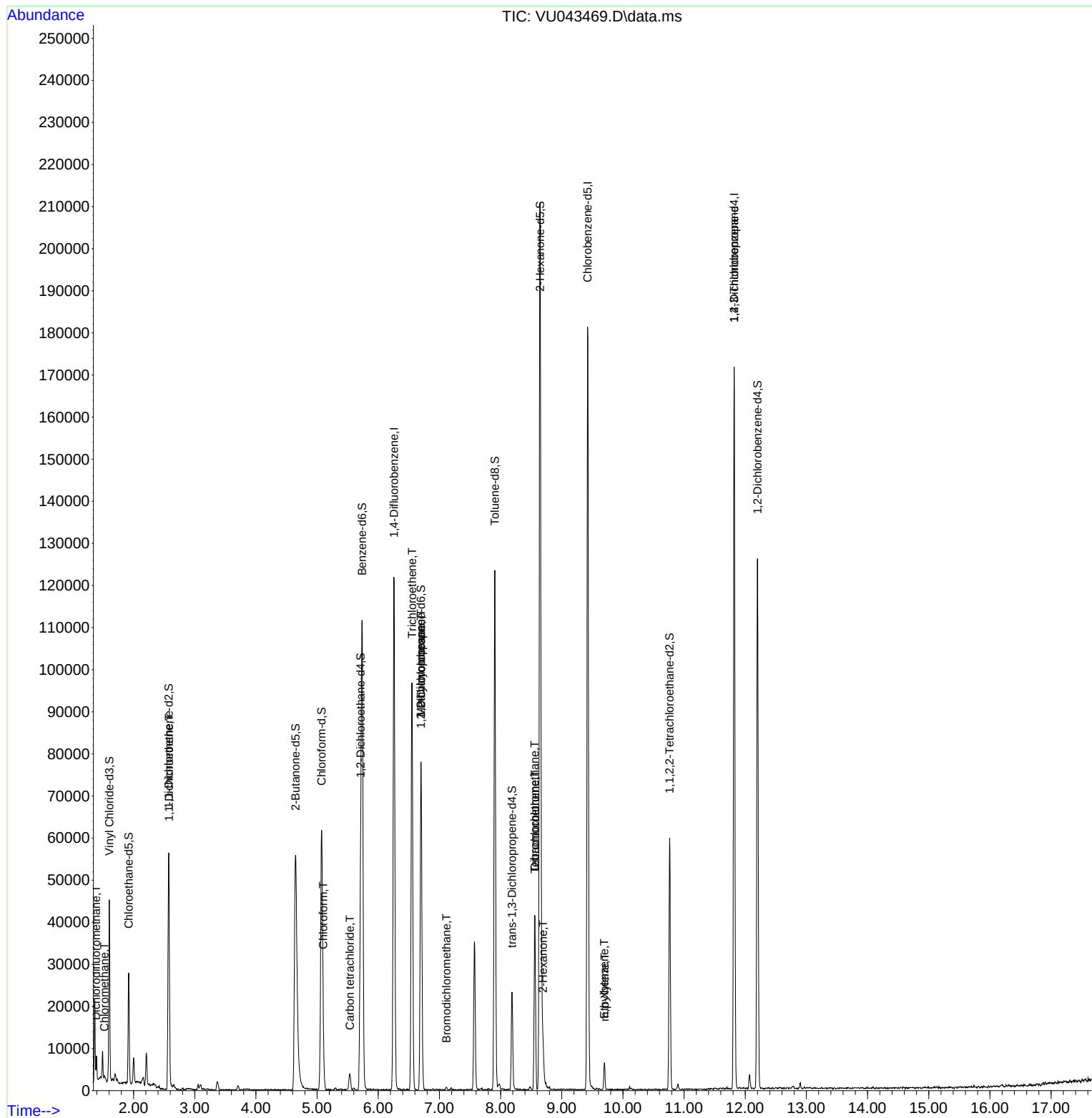
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.388	85	798	0.14	ug/L	# 87
3) Chloromethane	1.523	50	820	0.15	ug/L	100
12) 1,1-Dichloroethene	2.578	96	422	0.09	ug/L	# 1
25) Chloroform	5.099	83	7687	0.64	ug/L	96
31) Carbon tetrachloride	5.536	117	2577	0.28	ug/L	95
34) Trichloroethene	6.552	95	32102	4.86	ug/L	93
35) Methylcyclohexane	6.700	83	7451	0.81	ug/L	# 20
37) 1,2-Dichloropropane	6.697	63	3993	0.59	ug/L	# 87
38) Bromodichloromethane	7.115	83	641	0.07	ug/L	# 78
47) Tetrachloroethene	8.562	164	8454	1.61	ug/L	94
48) 2-Hexanone	8.693	43	5053	1.14	ug/L	# 65
49) Dibromochloromethane	8.558	129	8087	1.27	ug/L	# 9
52) Ethylbenzene	9.697	91	3625	0.12	ug/L	83
53) m,p-Xylene	9.703	106	1605	0.14	ug/L	99
61) 1,2,3-Trichloropropane	11.819	75	5176	1.25	ug/L	# 65

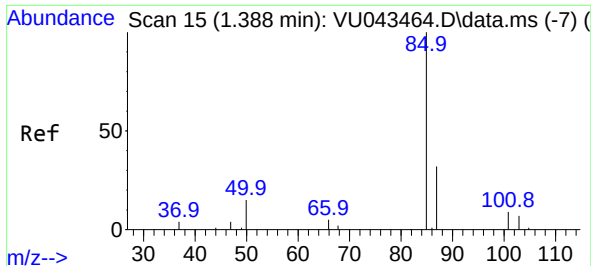
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
Data File : VU043469.D
Acq On : 30 Apr 2021 12:27
Operator : SY/MD
Sample : M2197-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 30 13:32:23 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

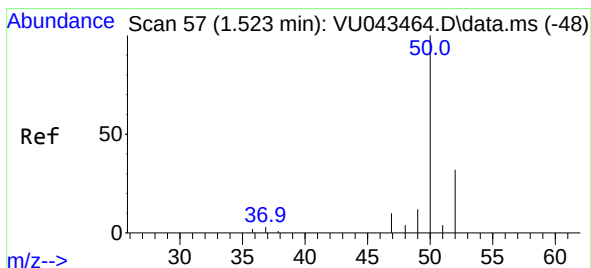
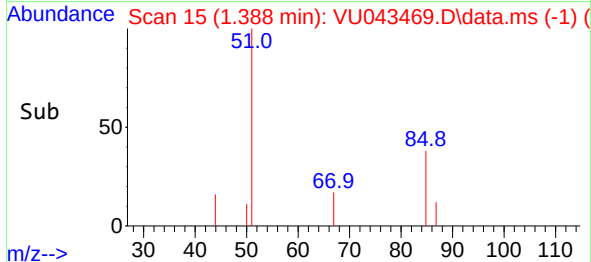
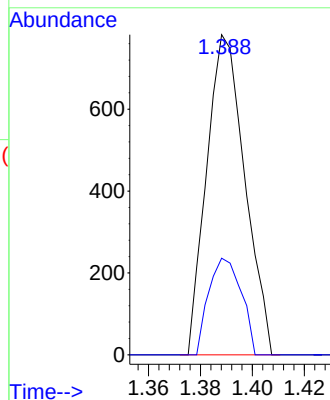
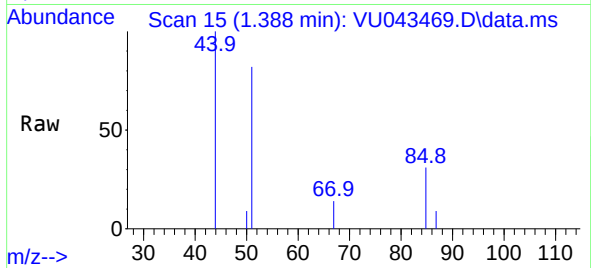




#2
Dichlorodifluoromethane
Concen: 0.14 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043469.D
Acq: 30 Apr 2021 12:27

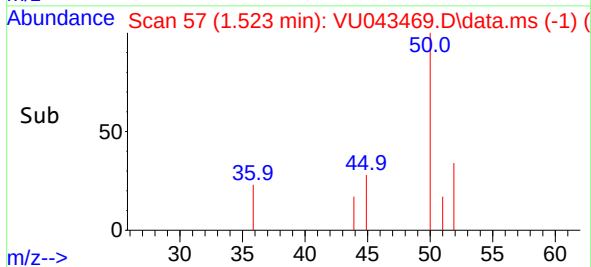
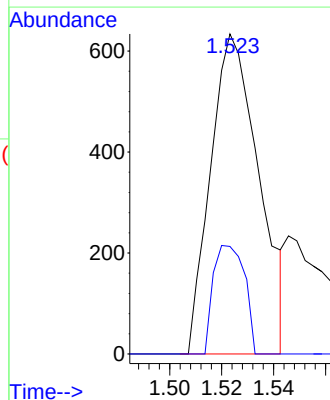
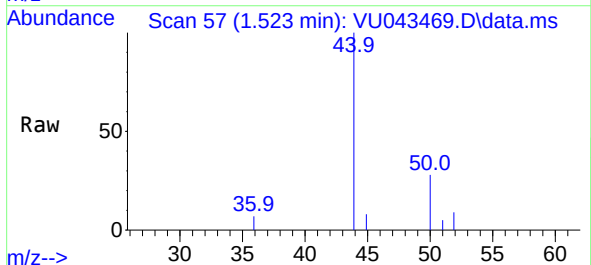
Instrument :
MSVOA_U
ClientSampled :

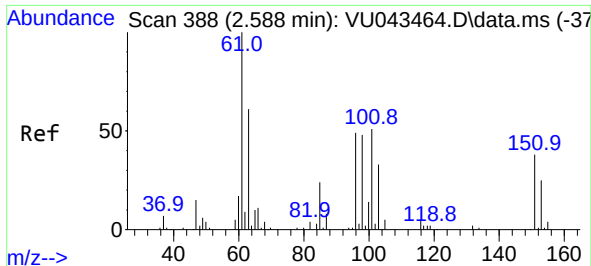
Tgt Ion: 85 Resp: 798
Ion Ratio Lower Upper
85 100
87 25.7 26.3 39.5#



#3
Chloromethane
Concen: 0.15 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043469.D
Acq: 30 Apr 2021 12:27

Tgt Ion: 50 Resp: 820
Ion Ratio Lower Upper
50 100
52 33.6 23.6 43.8





#12

1,1-Dichloroethene

Concen: 0.09 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.010 min

Lab File: VU043469.D

Acq: 30 Apr 2021 12:27

Tgt Ion: 96 Resp: 422

Ion Ratio Lower Upper

96 100

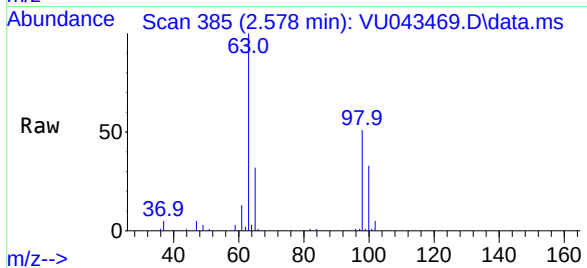
61 1040.3 115.1 213.7#

63 7807.8 84.1 156.1#

Instrument :

MSVOA_U

ClientSampleId :



Abundance

20000

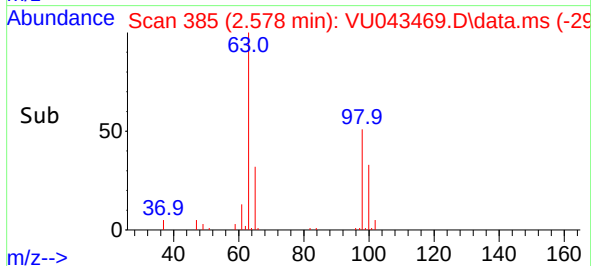
15000

10000

5000

0

Time-->



#25

Chloroform

Concen: 0.64 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU043469.D

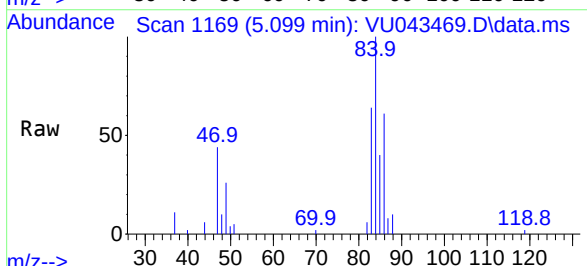
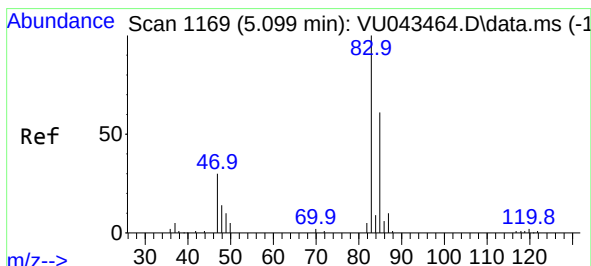
Acq: 30 Apr 2021 12:27

Tgt Ion: 83 Resp: 7687

Ion Ratio Lower Upper

83 100

85 62.3 45.6 84.8



Abundance

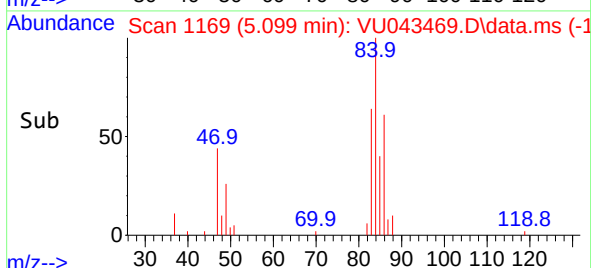
3000

2000

1000

0

Time-->



#25

Chloroform

Concen: 0.64 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU043469.D

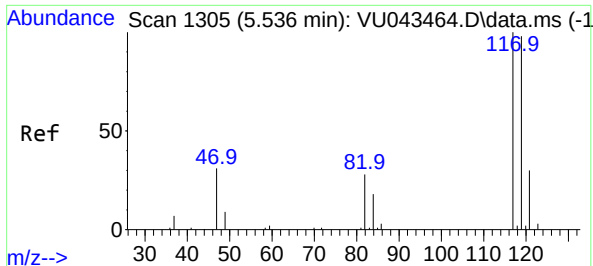
Acq: 30 Apr 2021 12:27

Tgt Ion: 83 Resp: 7687

Ion Ratio Lower Upper

83 100

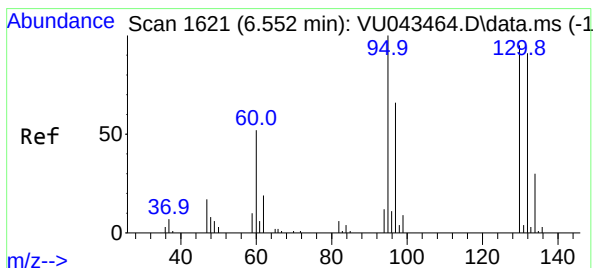
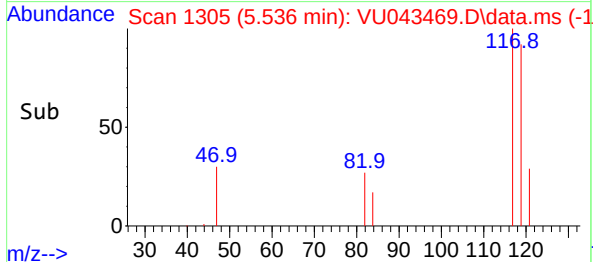
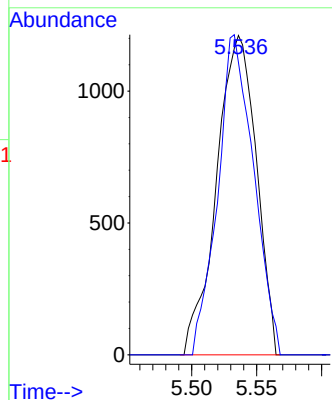
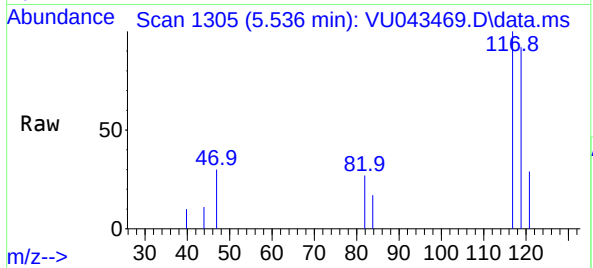
85 62.3 45.6 84.8



#31
Carbon tetrachloride
Concen: 0.28 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043469.D
Acq: 30 Apr 2021 12:27

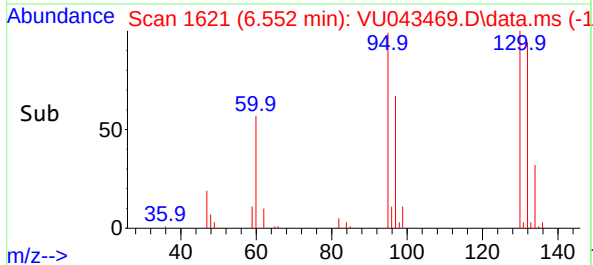
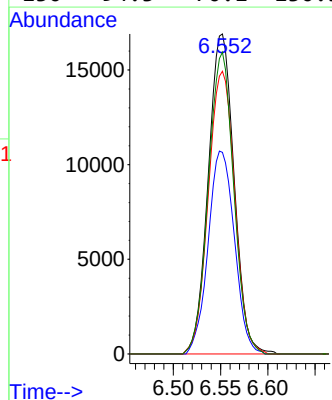
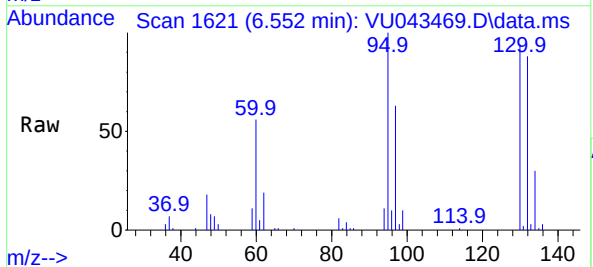
Instrument :
MSVOA_U
ClientSampled :

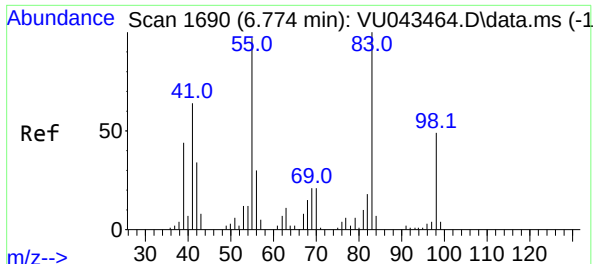
Tgt Ion:117 Resp: 2577
Ion Ratio Lower Upper
117 100
119 90.4 76.2 114.4



#34
Trichloroethene
Concen: 4.86 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043469.D
Acq: 30 Apr 2021 12:27

Tgt Ion: 95 Resp: 32102
Ion Ratio Lower Upper
95 100
97 63.0 45.8 85.2
132 88.3 68.7 127.7
130 94.3 70.1 130.3





#35

Methylcyclohexane

Concen: 0.81 ug/L

RT: 6.700 min Scan# 1667

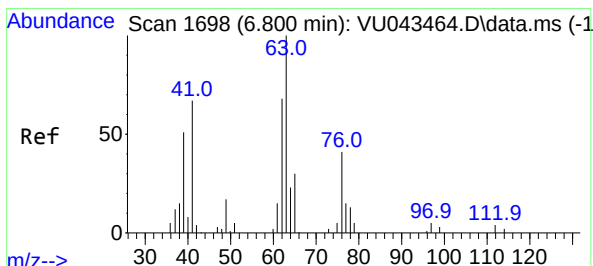
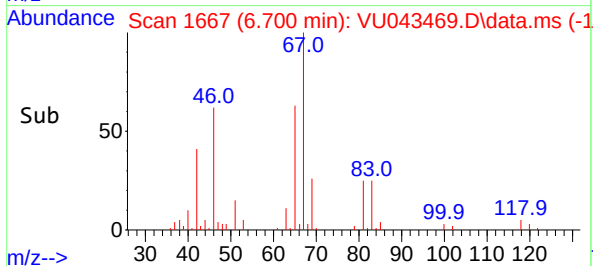
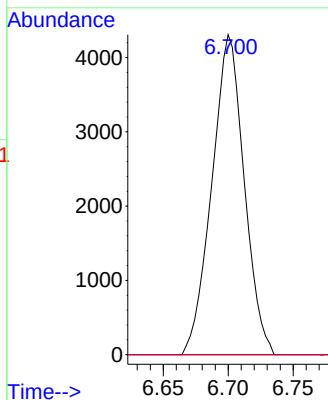
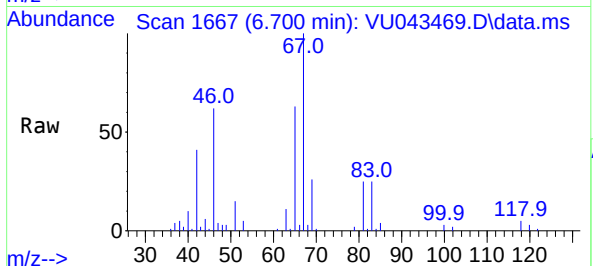
Delta R.T. -0.071 min

Lab File: VU043469.D

Acq: 30 Apr 2021 12:27

Tgt Ion:	83	Resp:	7451
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	2.5	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.59 ug/L

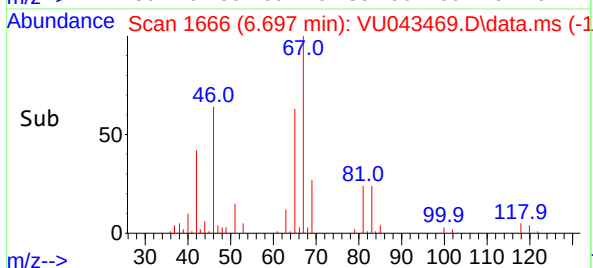
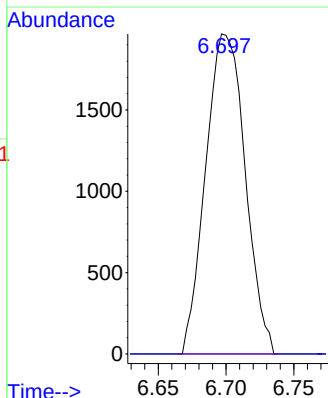
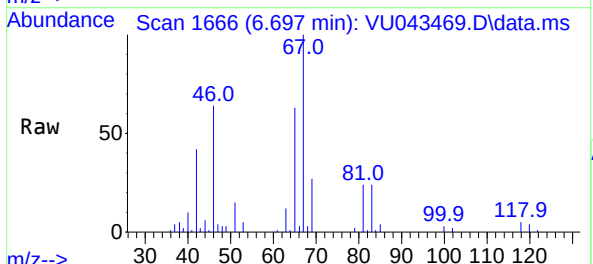
RT: 6.697 min Scan# 1666

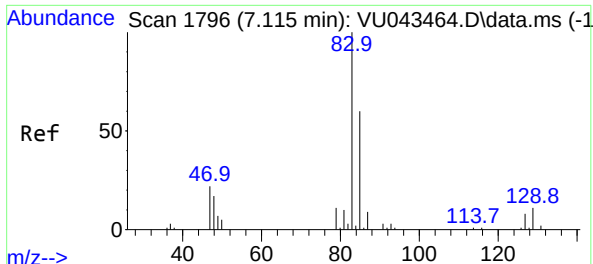
Delta R.T. -0.103 min

Lab File: VU043469.D

Acq: 30 Apr 2021 12:27

Tgt Ion:	63	Resp:	3993
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



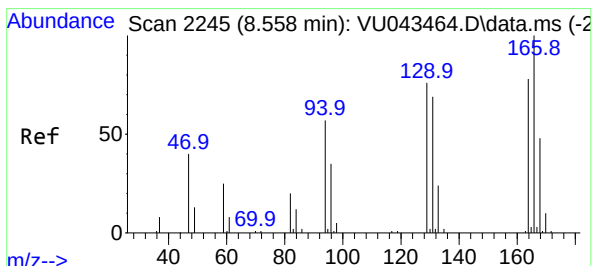
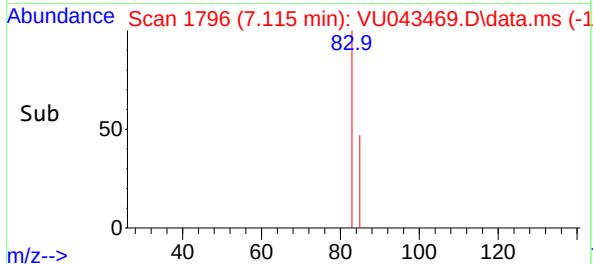
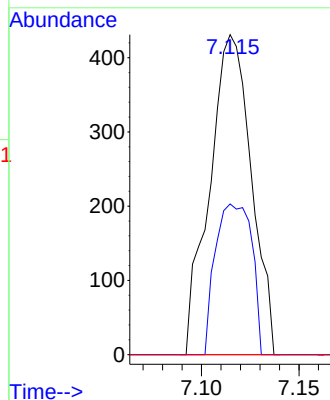
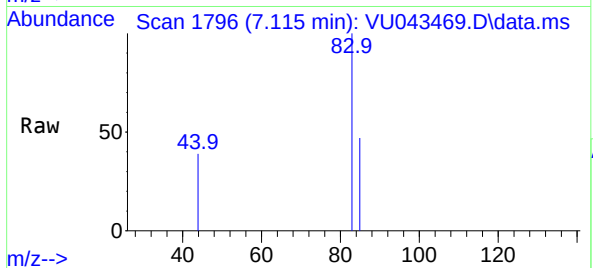


#38
Bromodichloromethane
Concen: 0.07 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043469.D
Acq: 30 Apr 2021 12:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 641

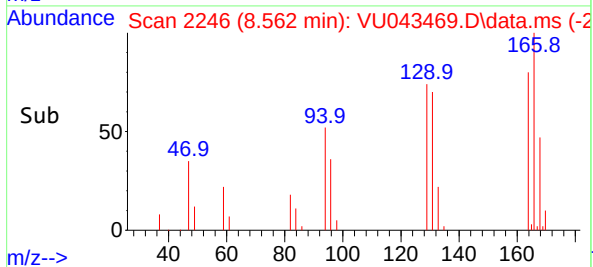
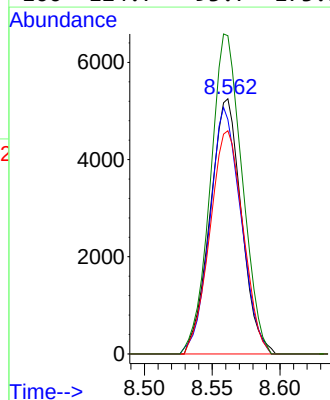
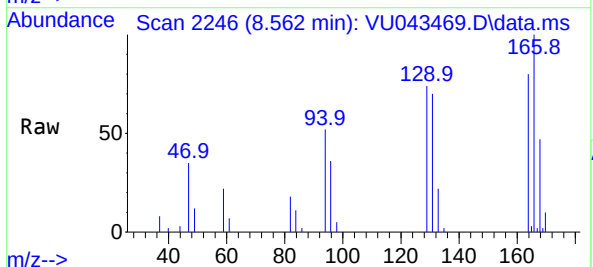
Ion	Ratio	Lower	Upper
83	100		
85	47.1	44.6	82.8
127	0.0	7.4	11.2#

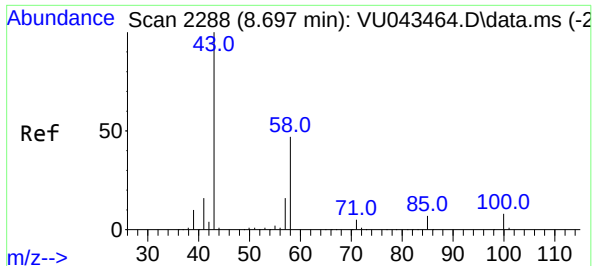


#47
Tetrachloroethene
Concen: 1.61 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043469.D
Acq: 30 Apr 2021 12:27

Tgt Ion: 164 Resp: 8454

Ion	Ratio	Lower	Upper
164	100		
129	91.8	66.6	123.8
131	87.4	65.9	122.3
166	124.7	93.7	173.9



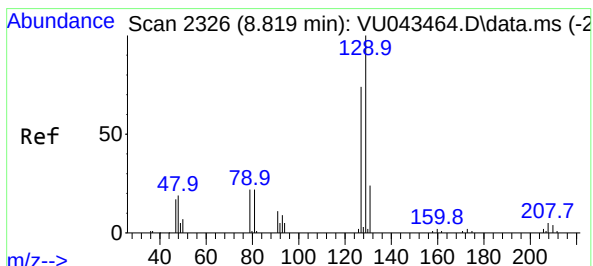
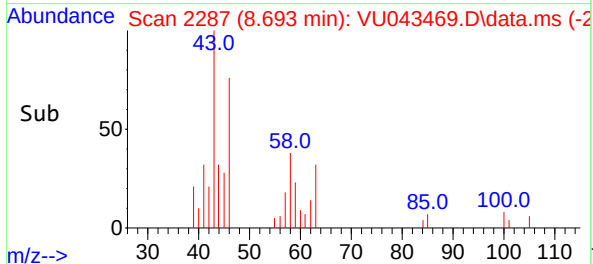
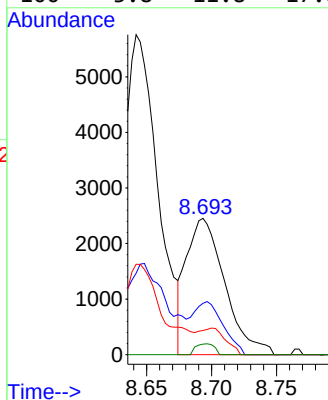
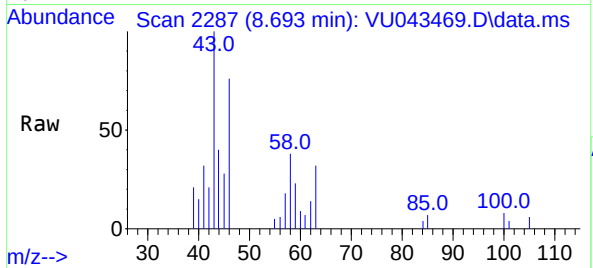


#48
2-Hexanone
Concen: 1.14 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043469.D
Acq: 30 Apr 2021 12:27

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 5053

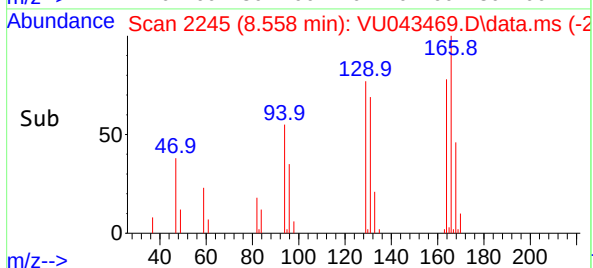
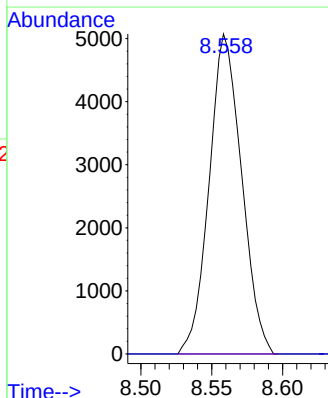
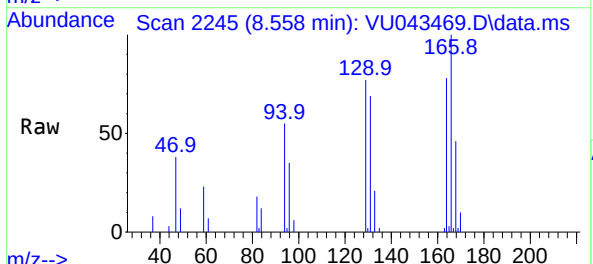
Ion	Ratio	Lower	Upper
43	100		
58	30.6	50.0	75.0#
57	11.6	17.4	26.0#
100	3.8	11.8	17.8#

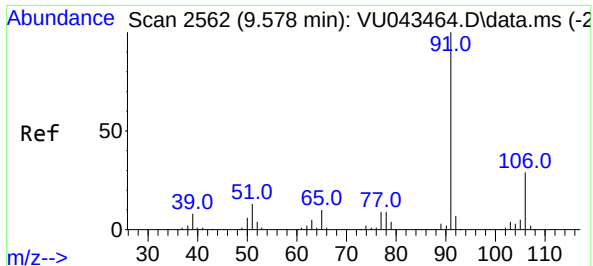


#49
Dibromochloromethane
Concen: 1.27 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043469.D
Acq: 30 Apr 2021 12:27

Tgt Ion: 129 Resp: 8087

Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#

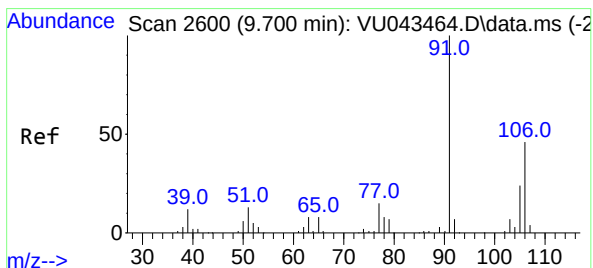
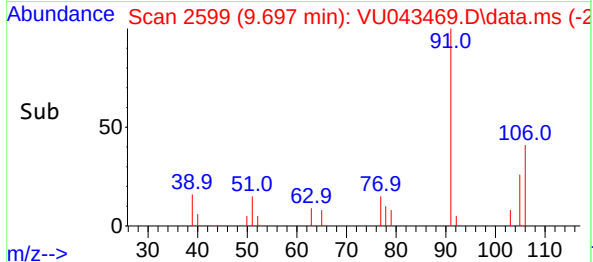
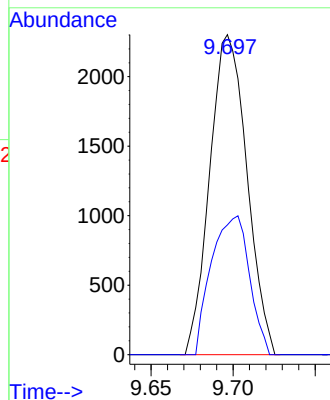
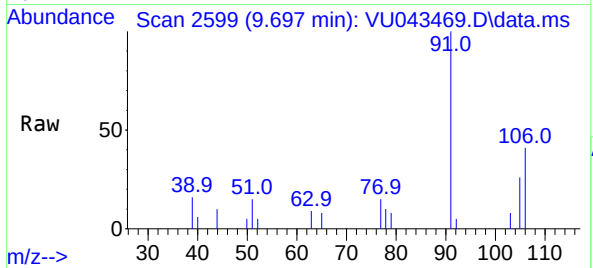




#52
Ethylbenzene
Concen: 0.12 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.119 min
Lab File: VU043469.D
Acq: 30 Apr 2021 12:27

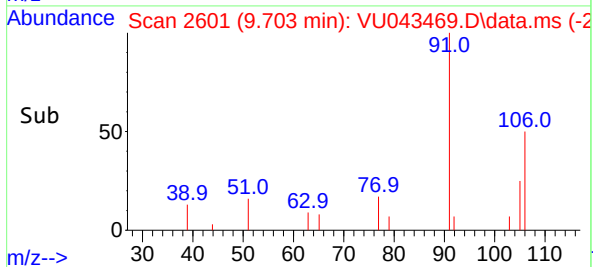
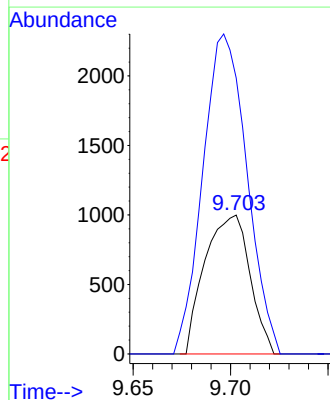
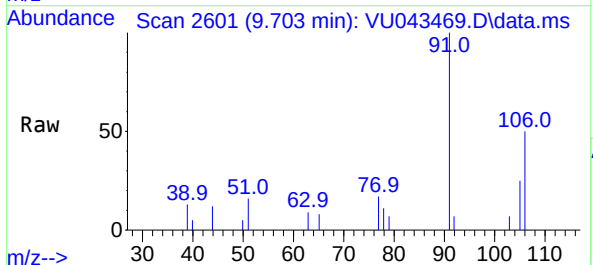
Instrument :
MSVOA_U
ClientSampleId :

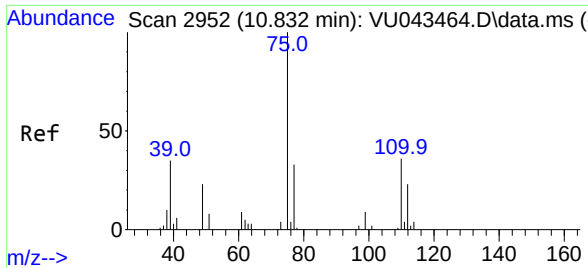
Tgt Ion: 91 Resp: 3625
Ion Ratio Lower Upper
91 100
106 40.6 22.0 40.8



#53
m,p-Xylene
Concen: 0.14 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043469.D
Acq: 30 Apr 2021 12:27

Tgt Ion: 106 Resp: 1605
Ion Ratio Lower Upper
106 100
91 198.7 137.6 255.6





#61
 1,2,3-Trichloropropane
 Concen: 1.25 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043469.D
 Acq: 30 Apr 2021 12:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 5176
 Ion Ratio Lower Upper
 75 100
 110 0.8 31.5 47.3#
 77 33.6 26.3 39.5

