

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043271.D
 Acq On : 22 Apr 2021 12:27
 Operator : SY/MD
 Sample : M2088-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4506

Quant Time: Apr 22 23:40:41 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)

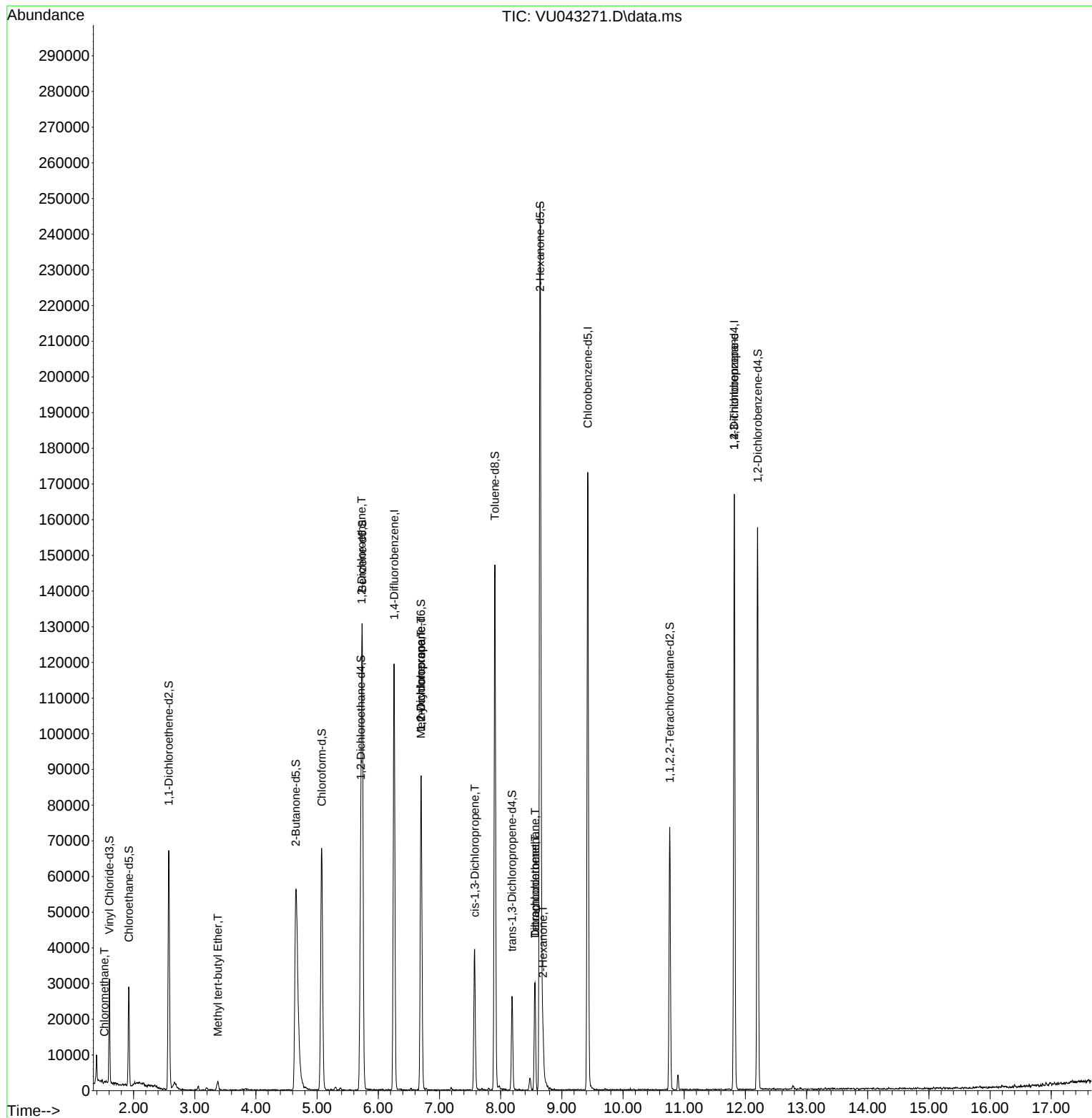
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	85919	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	86658	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39423	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19395	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.922	69	17864	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.575	65	12632	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	4.652	46	129953	67.82	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.64%#
24) Chloroform-d	5.076	84	60676	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.713	65	40735	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.739	84	104599	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.700	67	37414	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.906	98	90151	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloroprop...	8.186	79	13266	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.645	63	77035	52.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.54%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33083	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	37160	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	515	0.10	ug/L	87
17) Methyl tert-butyl Ether	3.375	73	2239	0.14	ug/L #	75
27) 1,2-Dichloroethane	5.729	62	722	0.08	ug/L #	74
35) Methylcyclohexane	6.697	83	8778	0.99	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	4483	0.69	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1125	0.12	ug/L	100
47) Tetrachloroethene	8.562	164	6508	1.29	ug/L	92
48) 2-Hexanone	8.690	43	5699	1.33	ug/L #	84
49) Dibromochloromethane	8.562	129	6106	0.99	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	5163	1.27	ug/L #	56

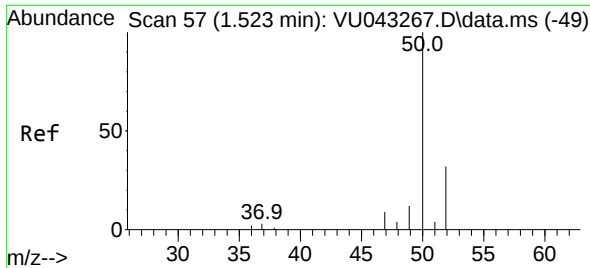
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 22 23:39:31 2021
Response via : Initial Calibration

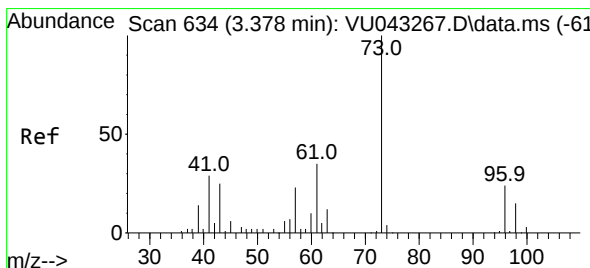
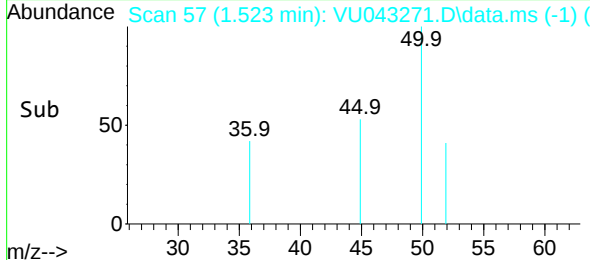
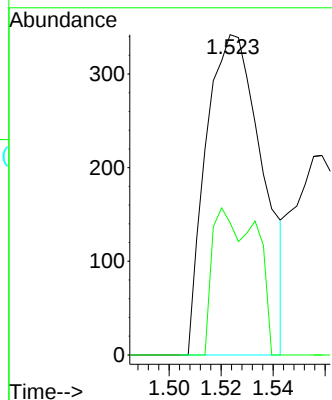
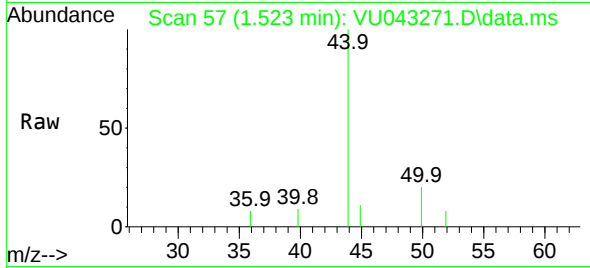




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043271.D
Acq: 22 Apr 2021 12:27

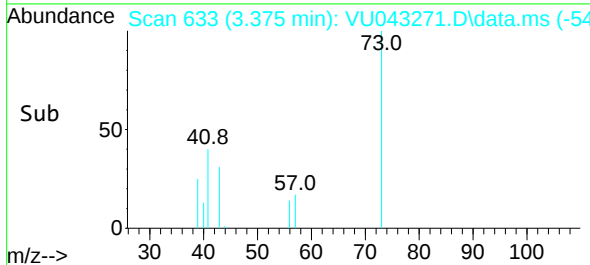
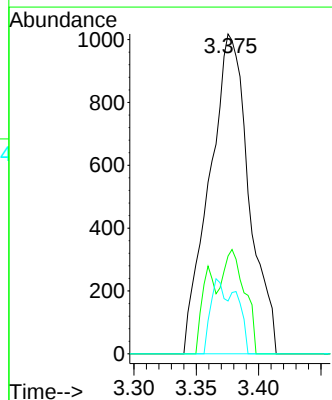
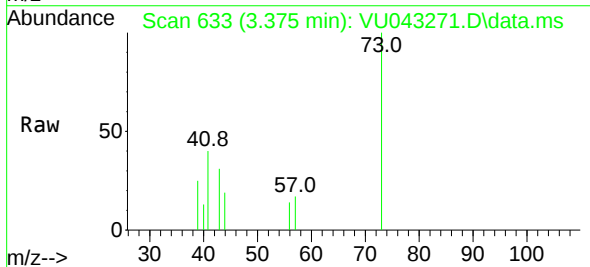
Instrument :
MSVOA_U
ClientSampled :
H4506

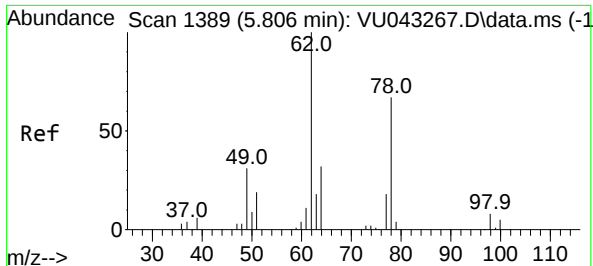
Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 41.2 23.6 43.8



#17
Methyl tert-butyl Ether
Concen: 0.14 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.003 min
Lab File: VU043271.D
Acq: 22 Apr 2021 12:27

Tgt Ion: 73 Resp: 2239
Ion Ratio Lower Upper
73 100
43 18.8 15.0 22.4
57 0.0 17.3 25.9#





#27

1,2-Dichloroethane

Concen: 0.08 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.077 min

Lab File: VU043271.D

Acq: 22 Apr 2021 12:27

Tgt Ion: 62 Resp: 722

Ion Ratio Lower Upper

62 100

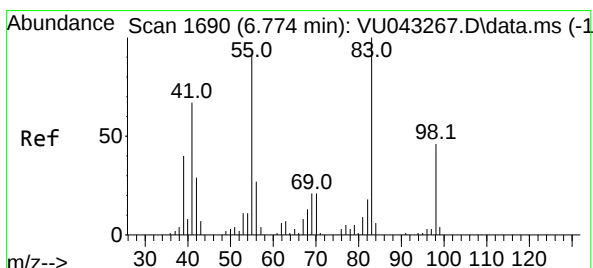
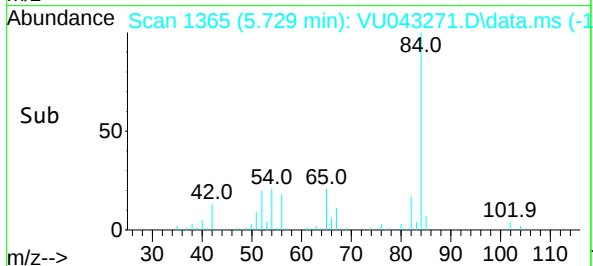
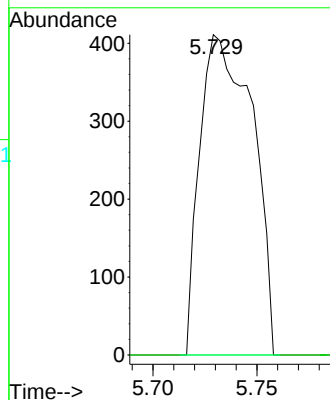
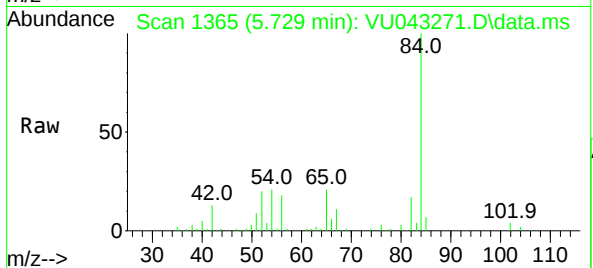
98 0.0 7.5 11.3#

Instrument :

MSVOA_U

ClientSampleId :

H4506



#35

Methylcyclohexane

Concen: 0.99 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.077 min

Lab File: VU043271.D

Acq: 22 Apr 2021 12:27

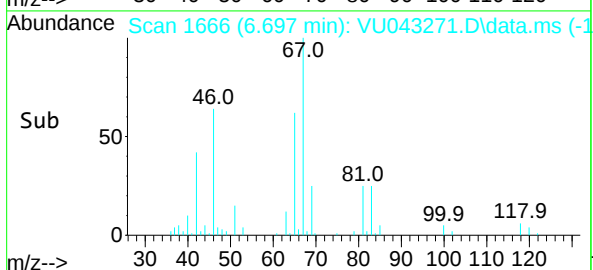
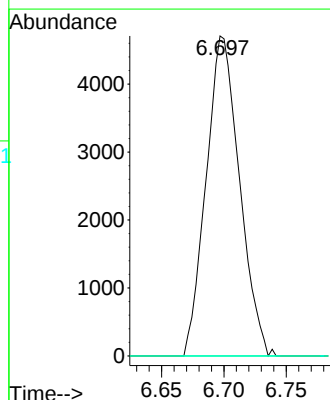
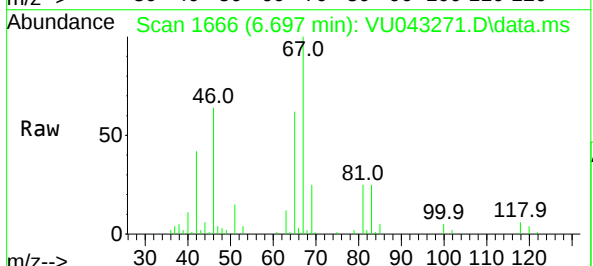
Tgt Ion: 83 Resp: 8778

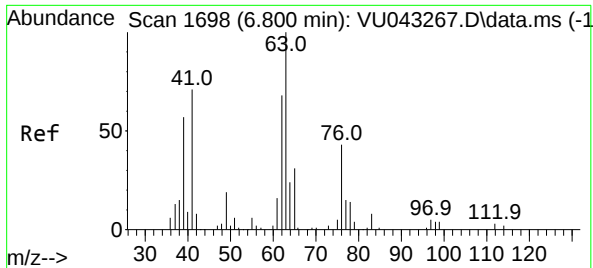
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 0.2 37.9 56.9#

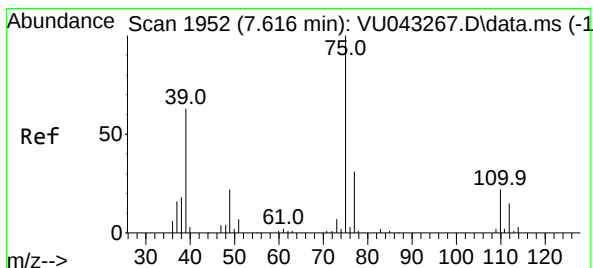
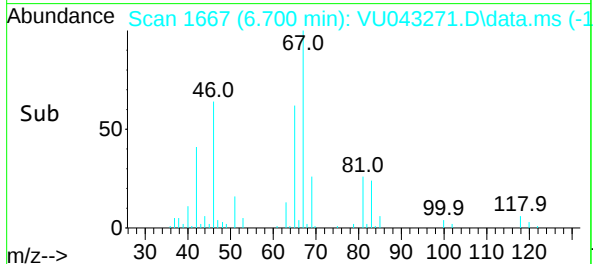
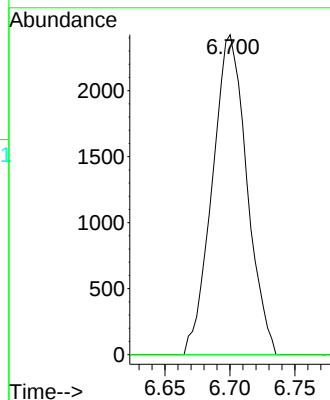
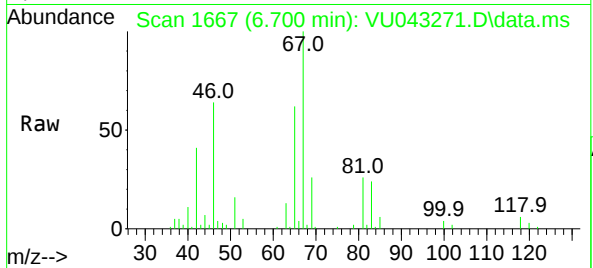




#37
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU043271.D
Acq: 22 Apr 2021 12:27

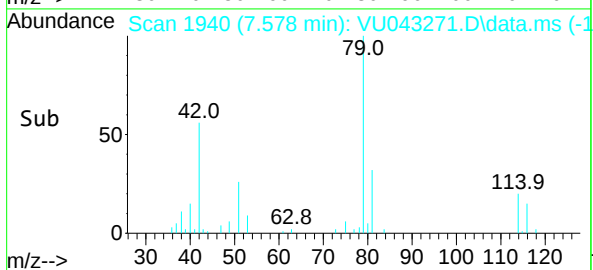
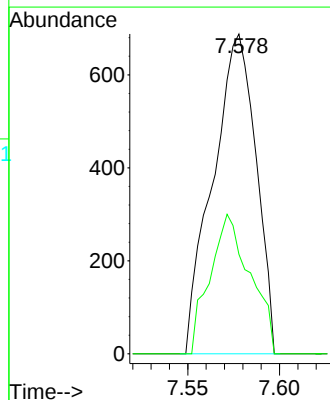
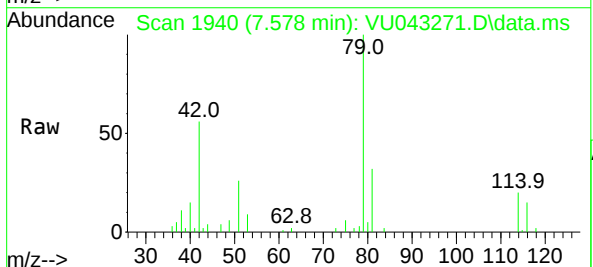
Instrument :
MSVOA_U
ClientSampled :
H4506

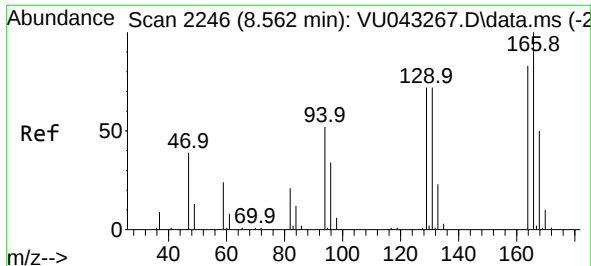
Tgt Ion: 63 Resp: 4483
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU043271.D
Acq: 22 Apr 2021 12:27

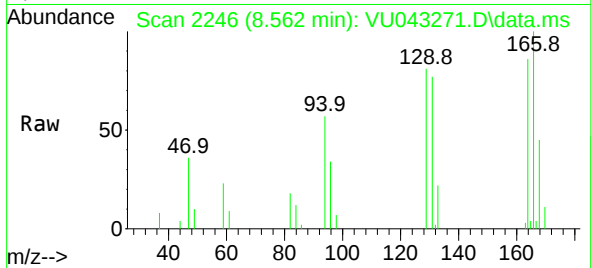
Tgt Ion: 75 Resp: 1125
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.6





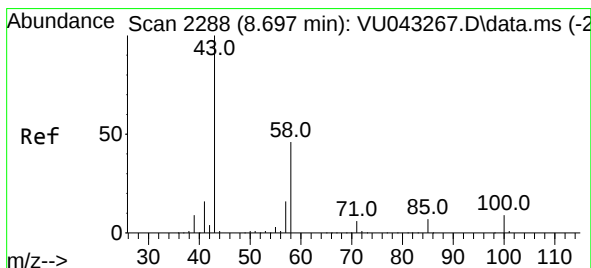
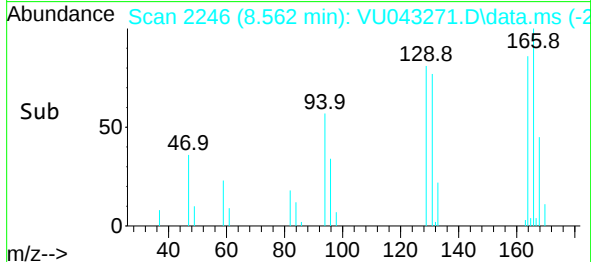
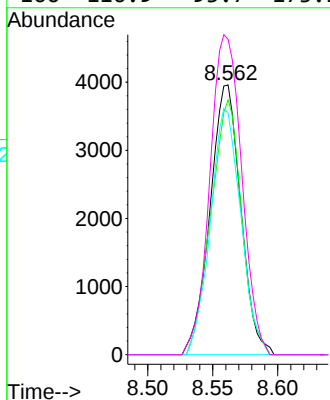
#47
Tetrachloroethene
Concen: 1.29 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043271.D
Acq: 22 Apr 2021 12:27

Instrument :
MSVOA_U
ClientSampled :
H4506

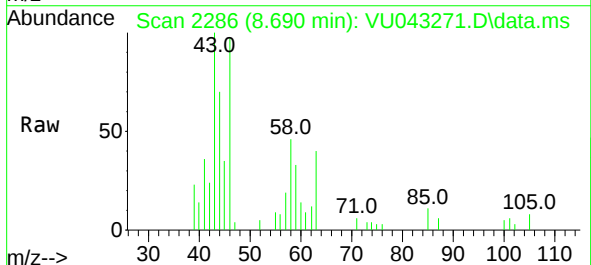


Tgt Ion:164 Resp: 6508

Ion	Ratio	Lower	Upper
164	100		
129	94.4	66.6	123.8
131	89.6	65.9	122.3
166	116.9	93.7	173.9

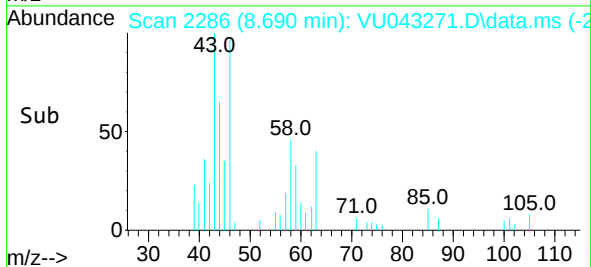
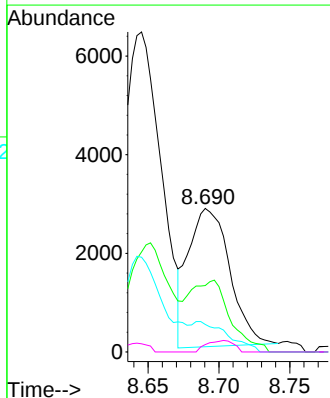


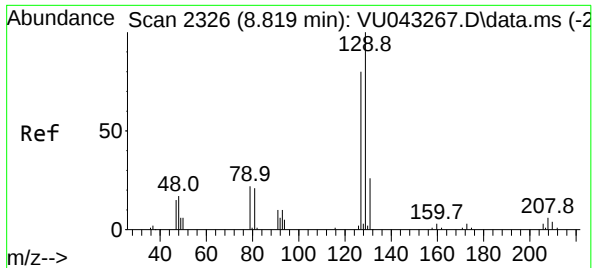
#48
2-Hexanone
Concen: 1.33 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043271.D
Acq: 22 Apr 2021 12:27



Tgt Ion: 43 Resp: 5699

Ion	Ratio	Lower	Upper
43	100		
58	49.9	50.0	75.0#
57	17.4	17.4	26.0
100	5.4	11.8	17.8#

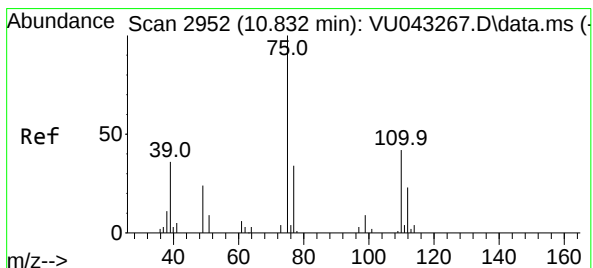
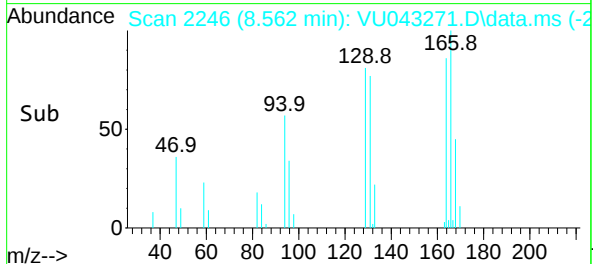
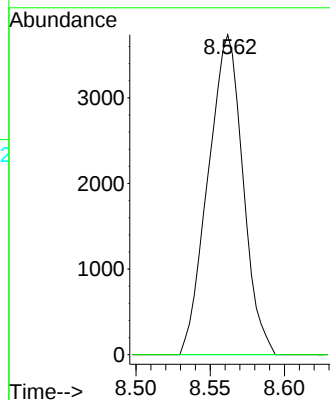
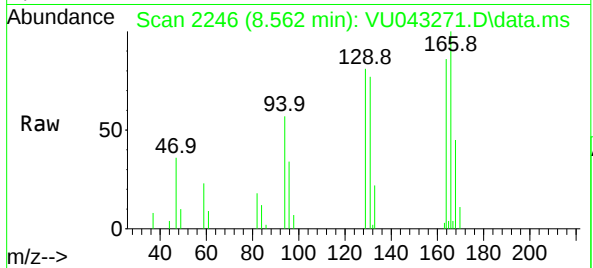




#49
Dibromochloromethane
Concen: 0.99 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043271.D
Acq: 22 Apr 2021 12:27

Instrument :
MSVOA_U
ClientSampled :
H4506

Tgt Ion:129 Resp: 6106
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#



#61
1,2,3-Trichloropropane
Concen: 1.27 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043271.D
Acq: 22 Apr 2021 12:27

Tgt Ion: 75 Resp: 5163
Ion Ratio Lower Upper
75 100
110 0.0 31.5 47.3#
77 44.0 26.3 39.5#

