

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU049992.D
 Acq On : 28 Jul 2022 18:00
 Operator : SY/MD
 Sample : N3879-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUG2DL

Quant Time: Jul 29 02:38:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

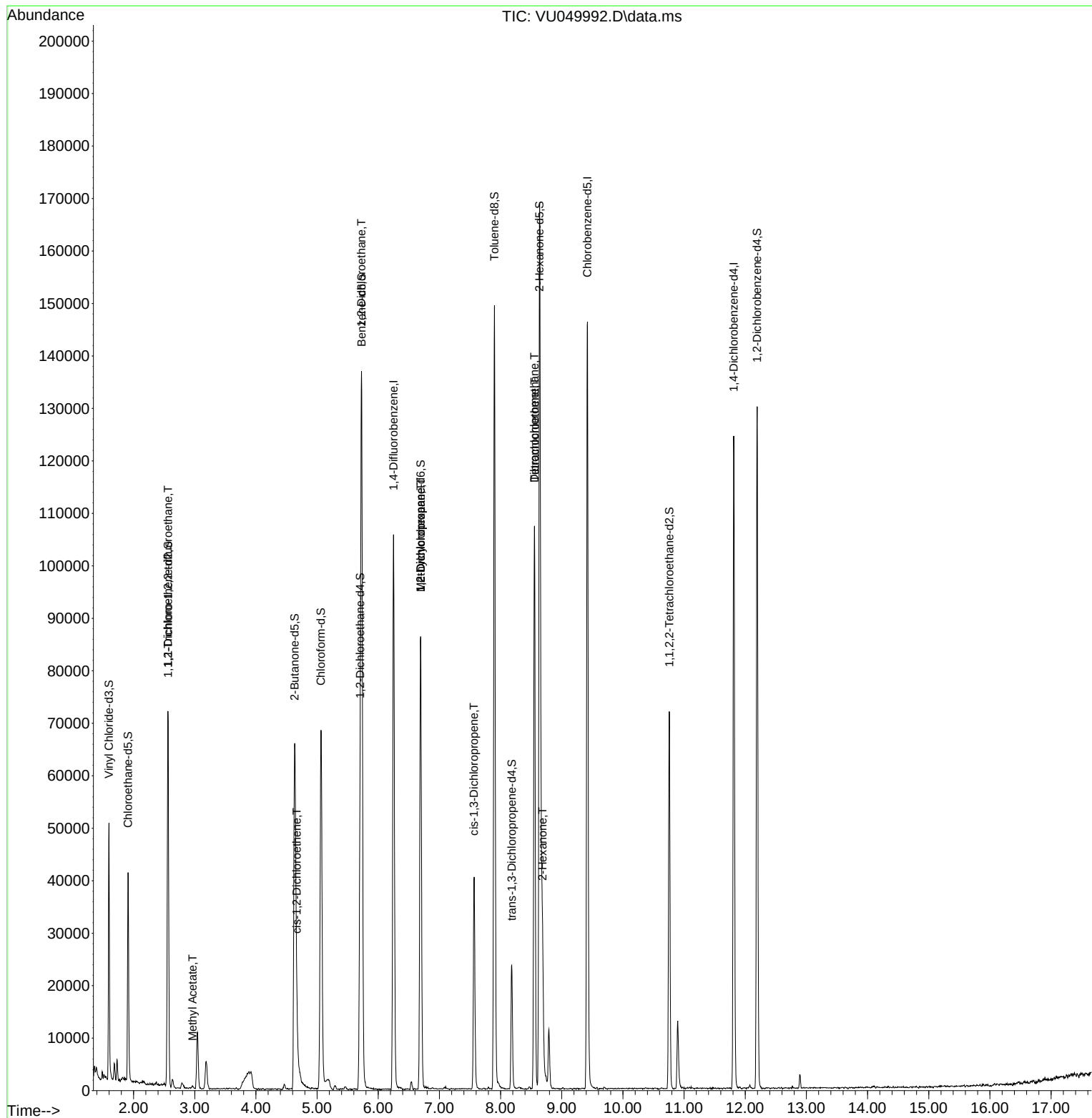
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88018	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	87328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35110	4.646	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.909	69	28790	5.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.000%
11) 1,1-Dichloroethene-d2	2.562	65	13374	5.135	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	4.633	46	92631	55.063	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.120%
24) Chloroform-d	5.063	84	65544	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.703	65	33939	5.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.729	84	129416	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.694	67	44974	5.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.899	98	104752	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.182	79	14379	4.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.636	63	54439	49.081	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37843	5.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	35450	5.466	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	308	0.059	ug/L #	21
15) Methyl Acetate	2.964	43	646	0.263	ug/L #	60
22) cis-1,2-Dichloroethene	4.668	96	440	0.069	ug/L	94
27) 1,2-Dichloroethane	5.726	62	627	0.092	ug/L #	73
35) Methylcyclohexane	6.694	83	10024	1.227	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4293	0.611	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	912	0.100	ug/L #	53
47) Tetrachloroethene	8.555	164	24472	5.488	ug/L	95
48) 2-Hexanone	8.687	43	15730	5.084	ug/L #	87
49) Dibromochloromethane	8.552	129	24353	4.240	ug/L #	10

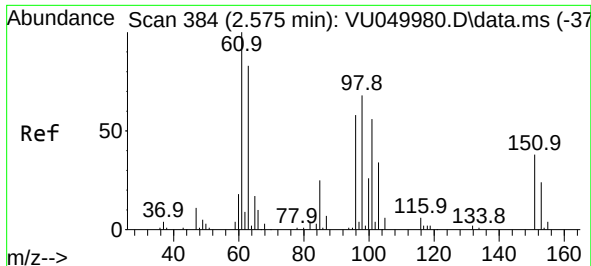
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.059 ug/L

RT: 2.565 min Scan# 3

Delta R.T. -0.010 min

Lab File: VU049992.D

Acq: 28 Jul 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

DBUG2DL

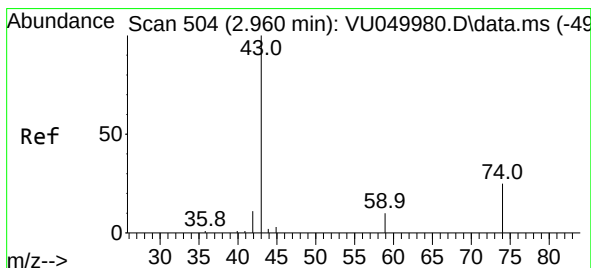
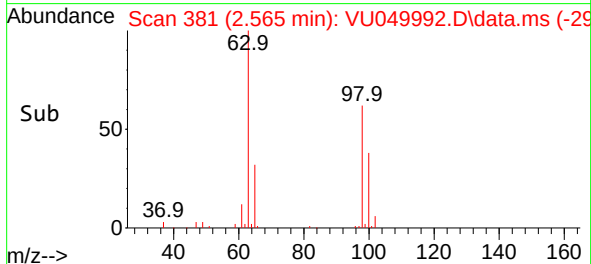
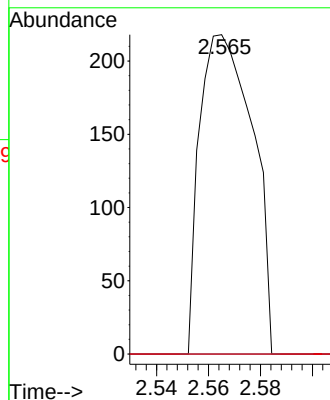
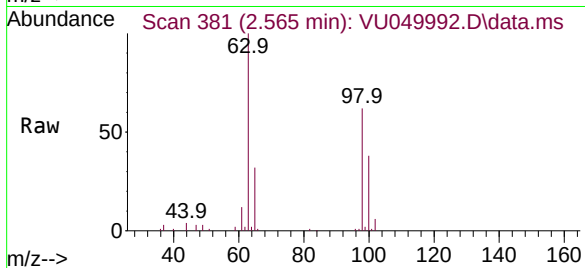
Tgt Ion:101 Resp: 308

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 56.6 85.0#



#15

Methyl Acetate

Concen: 0.263 ug/L

RT: 2.964 min Scan# 505

Delta R.T. 0.003 min

Lab File: VU049992.D

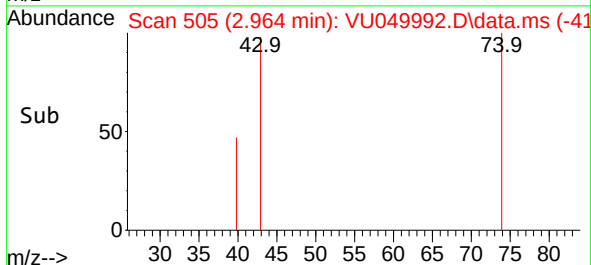
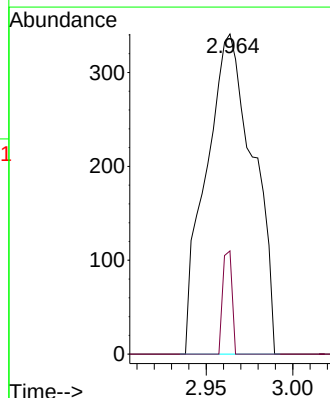
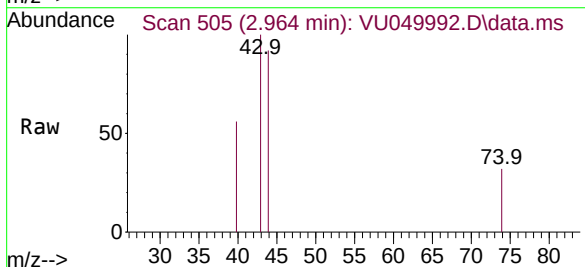
Acq: 28 Jul 2022 18:00

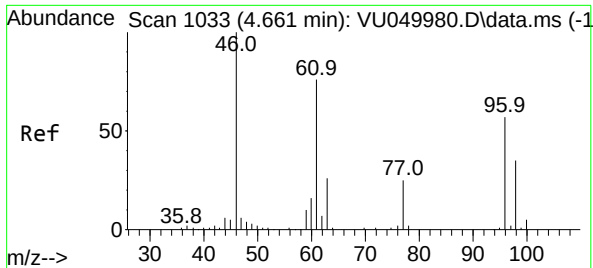
Tgt Ion: 43 Resp: 646

Ion Ratio Lower Upper

43 100

74 6.3 21.6 32.4#

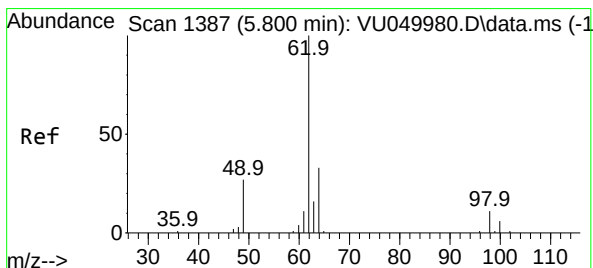
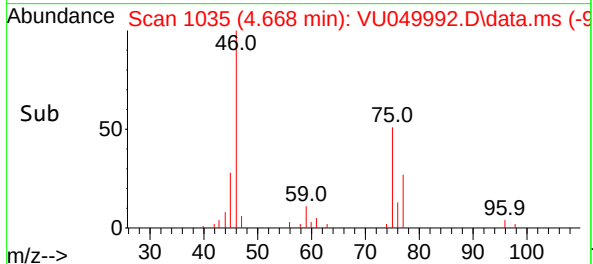
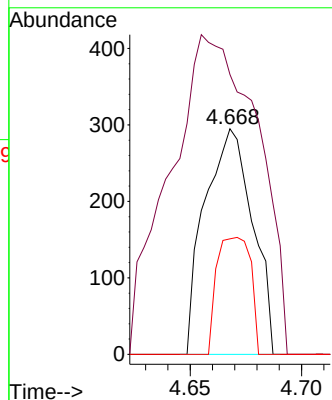
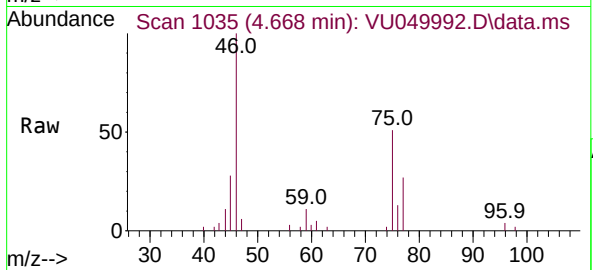




#22
 cis-1,2-Dichloroethene
 Concen: 0.069 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.007 min
 Lab File: VU049992.D
 Acq: 28 Jul 2022 18:00

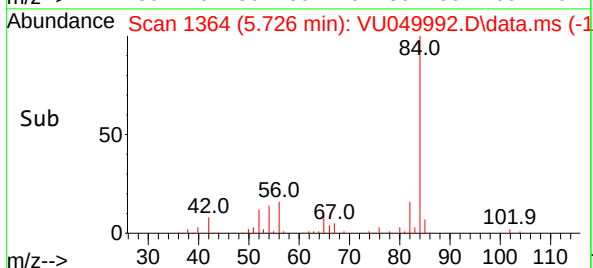
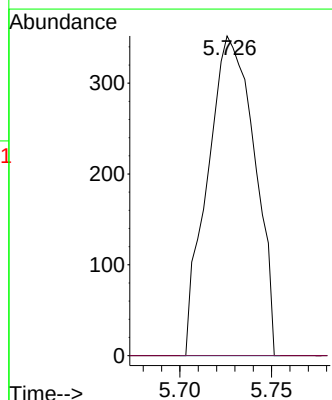
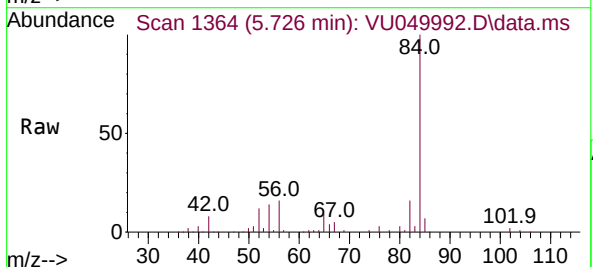
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUG2DL

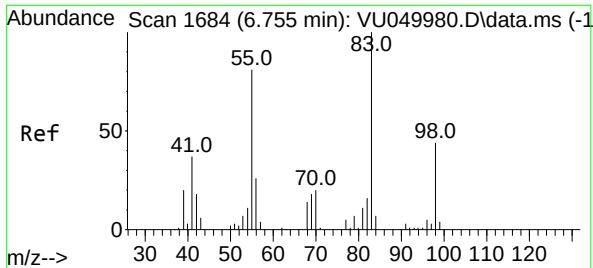
Tgt Ion: 96 Resp: 440
 Ion Ratio Lower Upper
 96 100
 61 124.1 87.2 161.9
 98 51.2 44.7 83.1



#27
 1,2-Dichloroethane
 Concen: 0.092 ug/L
 RT: 5.726 min Scan# 1364
 Delta R.T. -0.074 min
 Lab File: VU049992.D
 Acq: 28 Jul 2022 18:00

Tgt Ion: 62 Resp: 627
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 1.227 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.061 min

Lab File: VU049992.D

Acq: 28 Jul 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

DBUG2DL

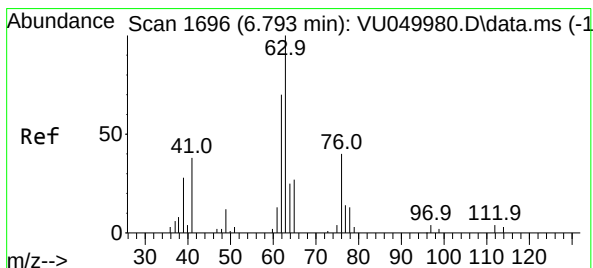
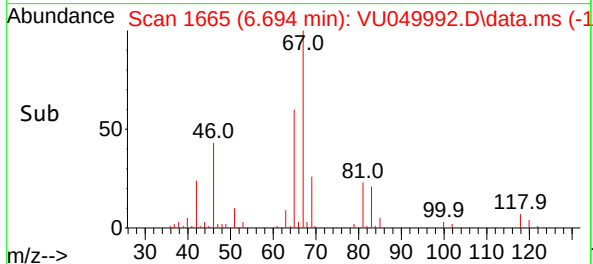
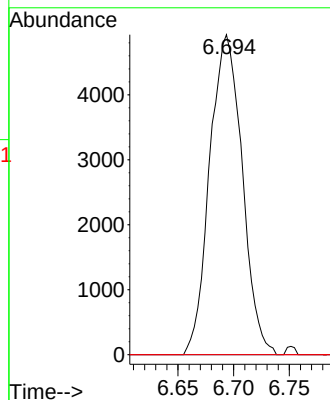
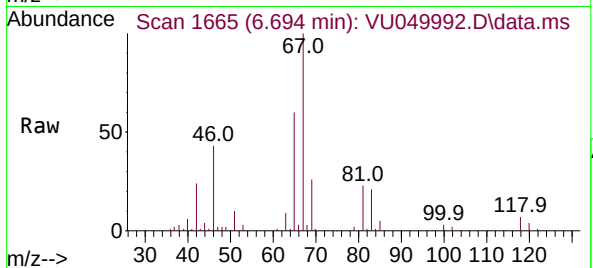
Tgt Ion: 83 Resp: 10024

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU049992.D

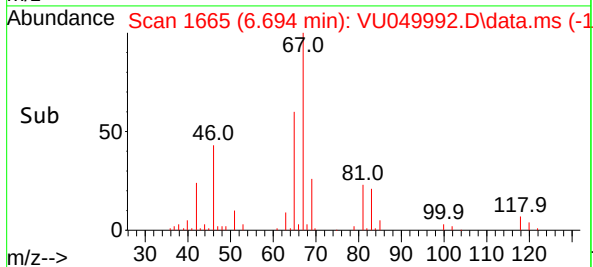
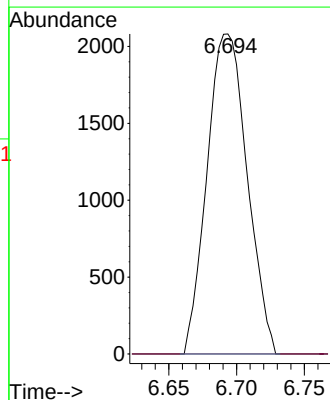
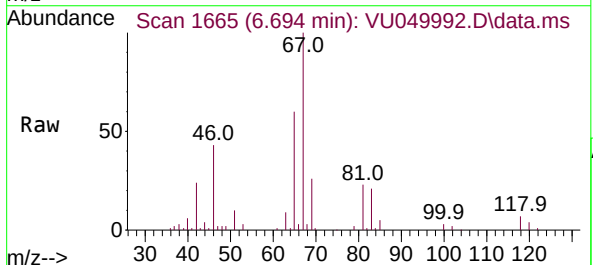
Acq: 28 Jul 2022 18:00

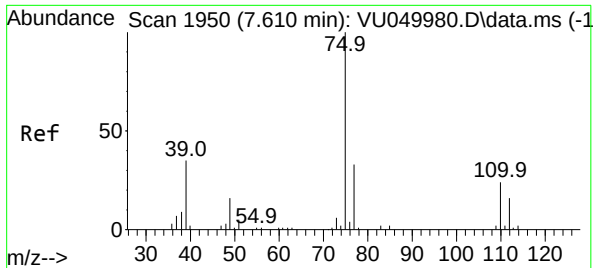
Tgt Ion: 63 Resp: 4293

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU049992.D

Acq: 28 Jul 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

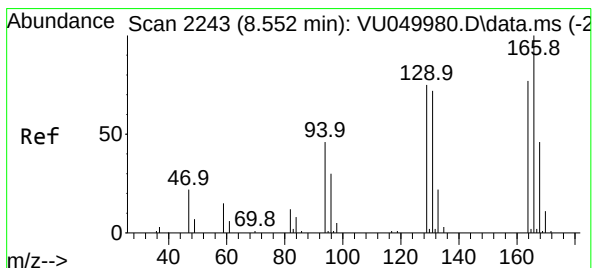
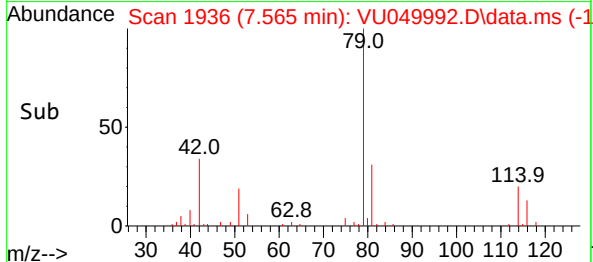
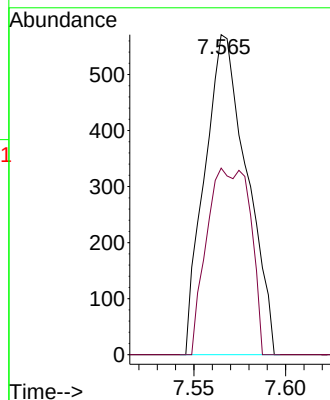
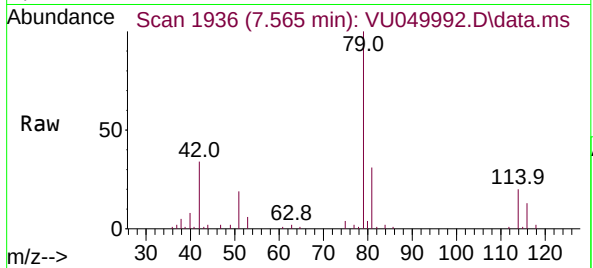
DBUG2DL

Tgt Ion: 75 Resp: 912

Ion Ratio Lower Upper

75 100

77 58.3 22.5 41.9#



#47

Tetrachloroethene

Concen: 5.488 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU049992.D

Acq: 28 Jul 2022 18:00

Tgt Ion:164 Resp: 24472

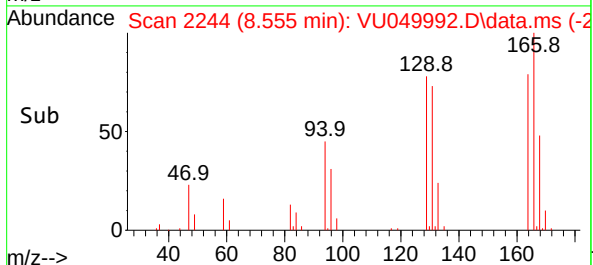
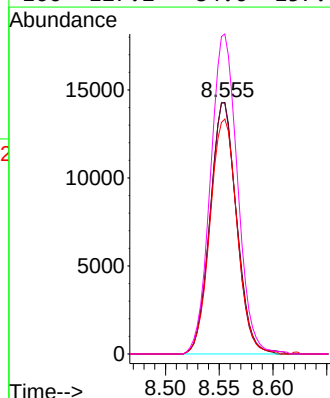
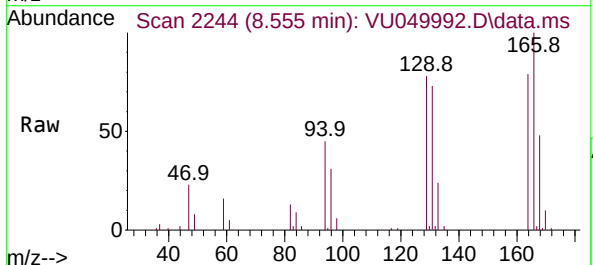
Ion Ratio Lower Upper

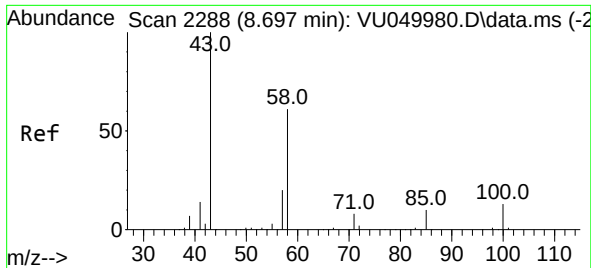
164 100

129 99.6 66.3 123.1

131 93.4 63.1 117.1

166 127.2 84.6 157.0

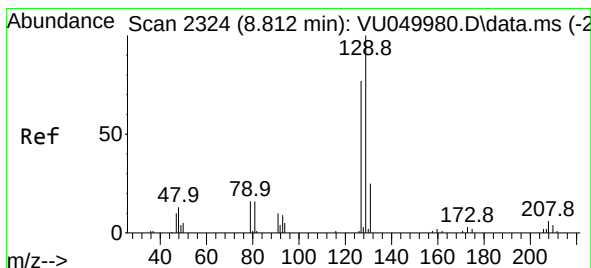
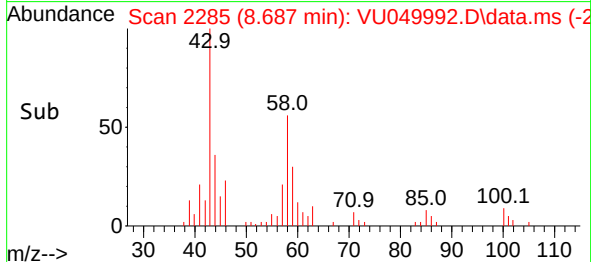
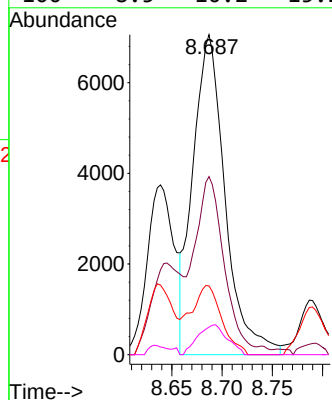
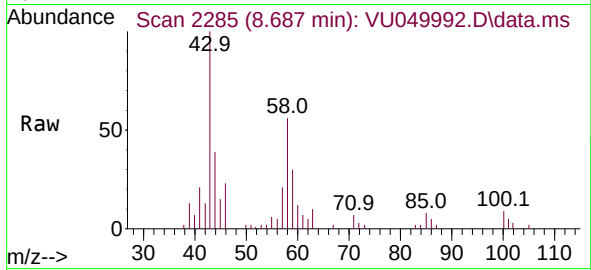




#48
2-Hexanone
Concen: 5.084 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU049992.D
Acq: 28 Jul 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :
DBUG2DL

Tgt Ion: 43	Resp: 15730
Ion Ratio	Lower Upper
43 100	
58 47.9	49.4 74.0#
57 20.8	17.0 25.4
100 8.5	10.2 15.2#



#49
Dibromochloromethane
Concen: 4.240 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU049992.D
Acq: 28 Jul 2022 18:00

Tgt Ion:129	Resp:	24353	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#

