

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011922\
 Data File : VU046796.D
 Acq On : 19 Jan 2022 13:51
 Operator : SY/MD
 Sample : N1179-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jan 20 02:02:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

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

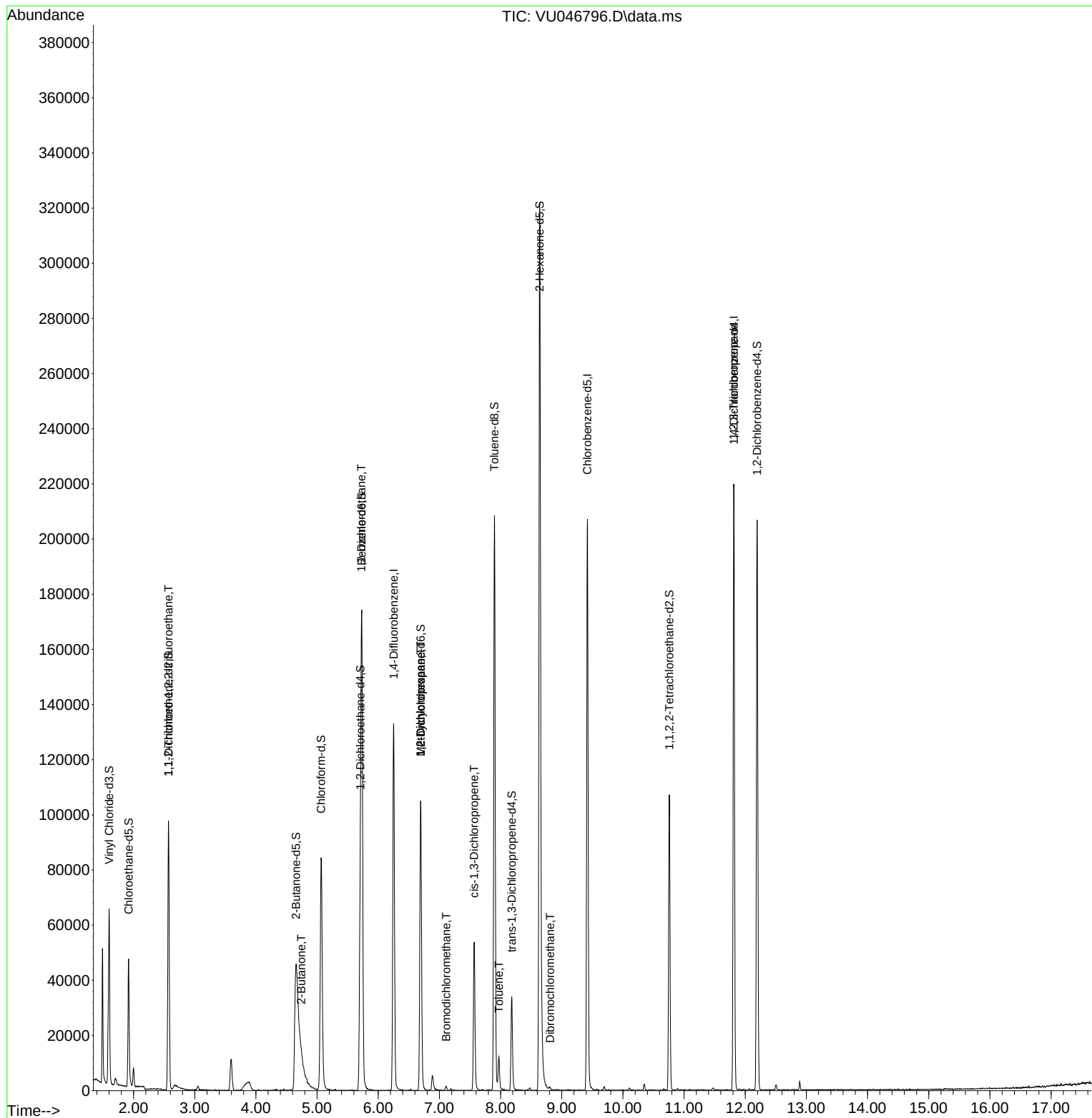
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	113368	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	121132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	60207	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	45002	4.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.919	69	37196	4.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.571	65	18462	4.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.658	46	150596	52.917	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.840%
24) Chloroform-d	5.066	84	80667	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.706	65	47961	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.729	84	170381	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.693	67	52534	4.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.899	98	143308	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.182	79	21108	4.497	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.639	63	139911	50.336	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	52417	4.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	56536	5.007	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	525	0.079	ug/L #	21
21) 2-Butanone	4.742	43	6281	2.523	ug/L	74
27) 1,2-Dichloroethane	5.726	62	838	0.104	ug/L #	73
35) Methylcyclohexane	6.693	83	12780	1.030	ug/L #	19
37) 1,2-Dichloropropane	6.693	63	5396	0.771	ug/L #	88
38) Bromodichloromethane	7.111	83	1380	0.137	ug/L #	95
39) cis-1,3-Dichloropropene	7.568	75	1118	0.102	ug/L #	45
42) Toluene	7.973	91	8943	0.262	ug/L	96
49) Dibromochloromethane	8.812	129	505	0.072	ug/L	84
61) 1,2,3-Trichloropropane	11.812	75	6998	1.372	ug/L #	63

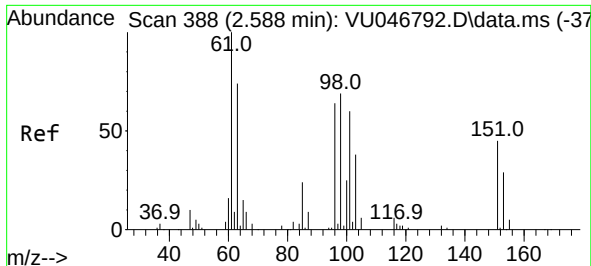
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.079 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

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Acq: 19 Jan 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

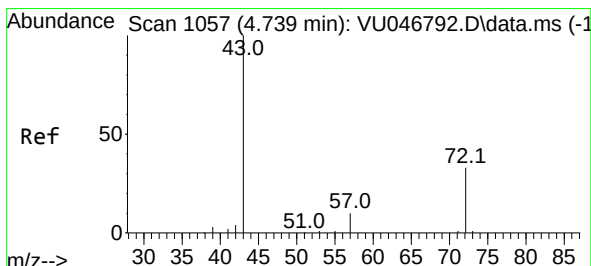
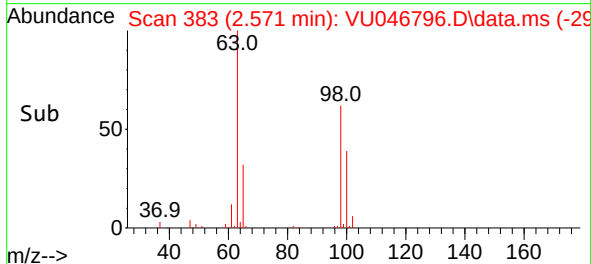
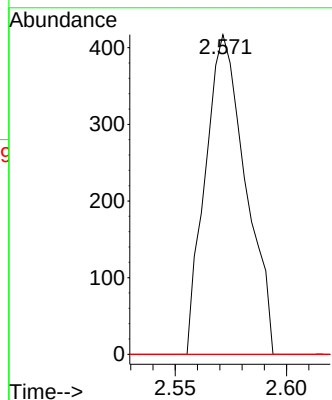
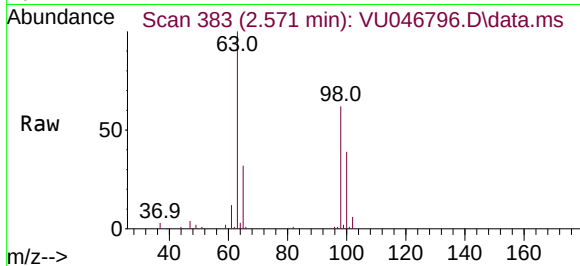
Tgt Ion:101 Resp: 525

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#21

2-Butanone

Concen: 2.523 ug/L

RT: 4.742 min Scan# 1058

Delta R.T. 0.003 min

Lab File: VU046796.D

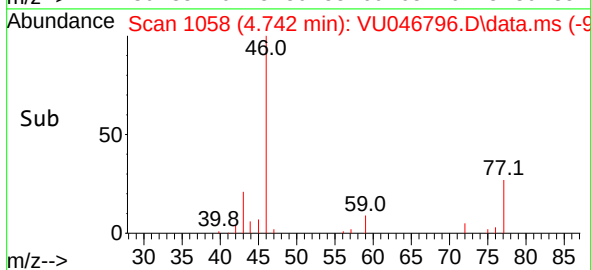
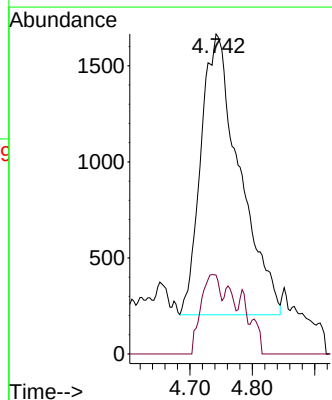
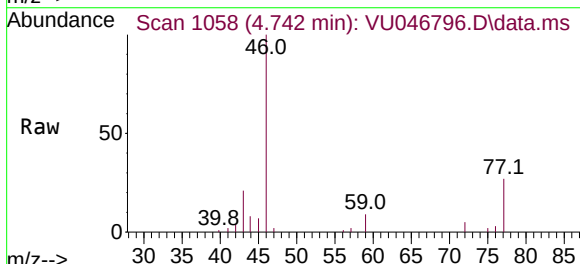
Acq: 19 Jan 2022 13:51

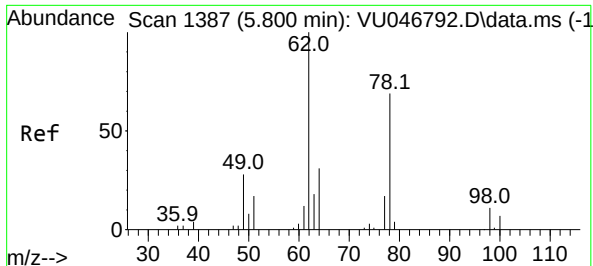
Tgt Ion: 43 Resp: 6281

Ion Ratio Lower Upper

43 100

72 14.3 14.1 42.3





#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.726 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046796.D

Acq: 19 Jan 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

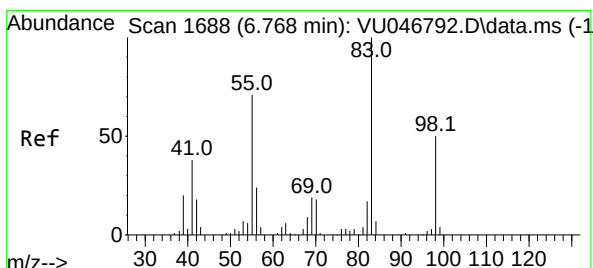
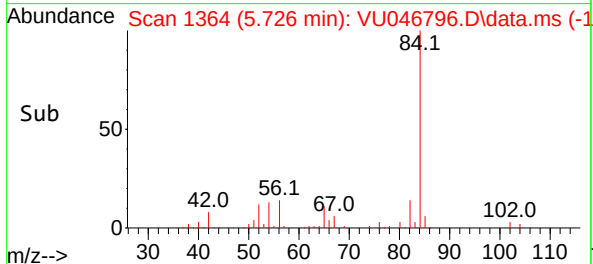
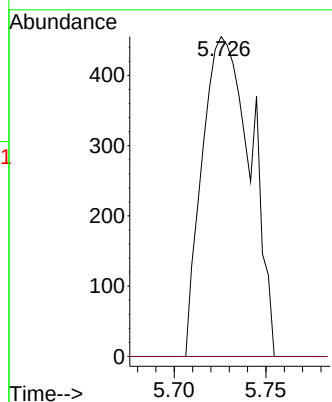
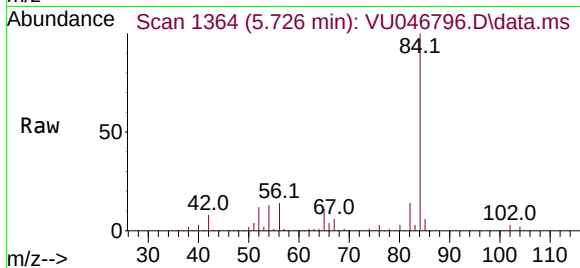
VHBLK001

Tgt Ion: 62 Resp: 838

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#35

Methylcyclohexane

Concen: 1.030 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046796.D

Acq: 19 Jan 2022 13:51

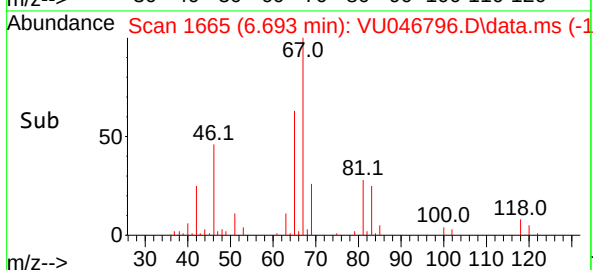
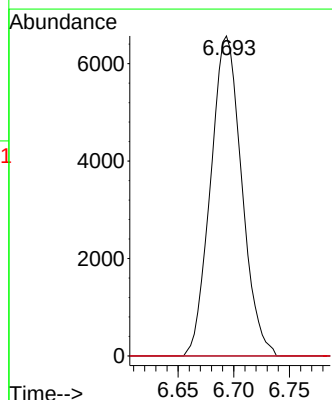
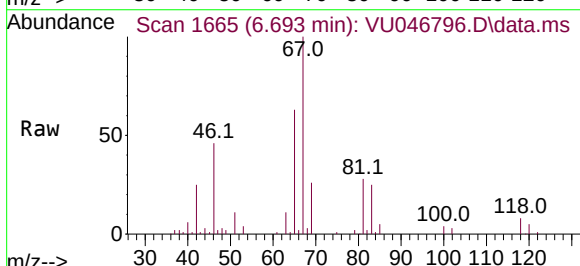
Tgt Ion: 83 Resp: 12780

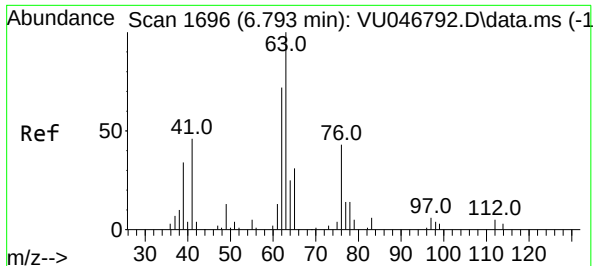
Ion Ratio Lower Upper

83 100

55 2.3 61.9 92.9#

98 0.0 39.0 58.6#

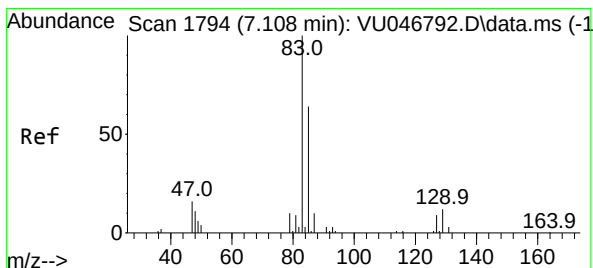
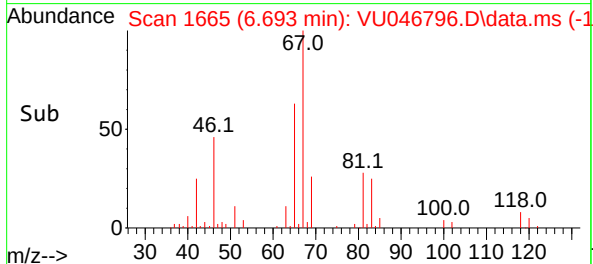
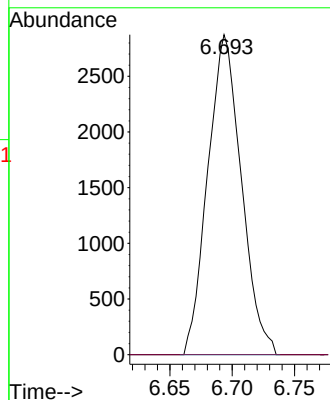
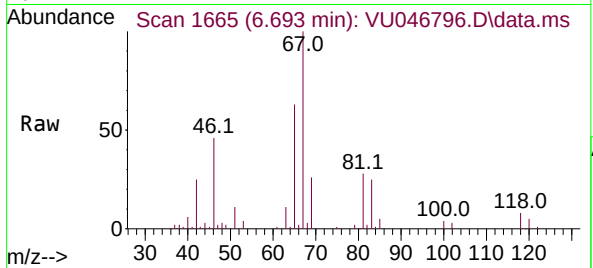




#37
1,2-Dichloropropane
Concen: 0.771 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU046796.D
Acq: 19 Jan 2022 13:51

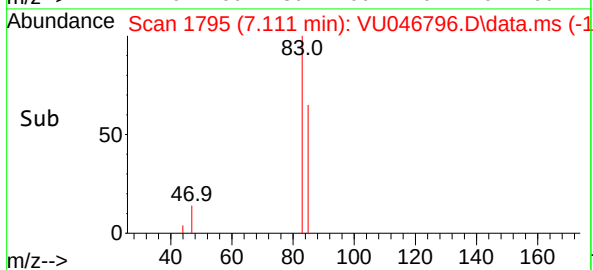
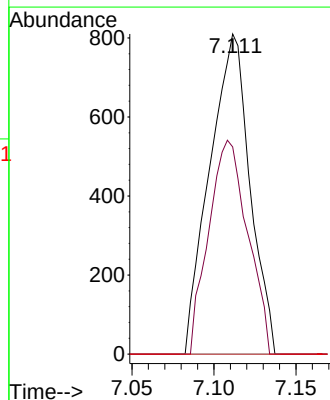
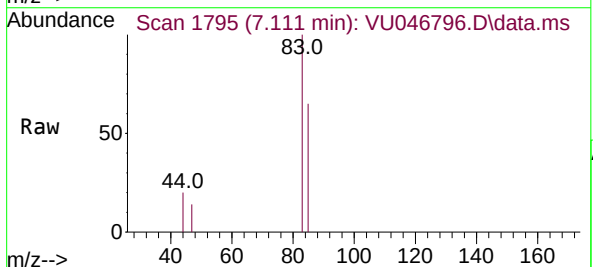
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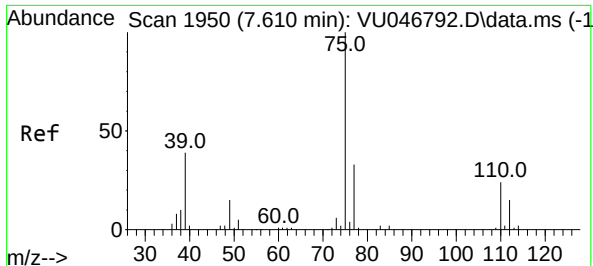
Tgt Ion: 63 Resp: 5396
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#38
Bromodichloromethane
Concen: 0.137 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU046796.D
Acq: 19 Jan 2022 13:51

Tgt Ion: 83 Resp: 1380
Ion Ratio Lower Upper
83 100
85 64.7 44.0 81.8
127 0.0 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046796.D

Acq: 19 Jan 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

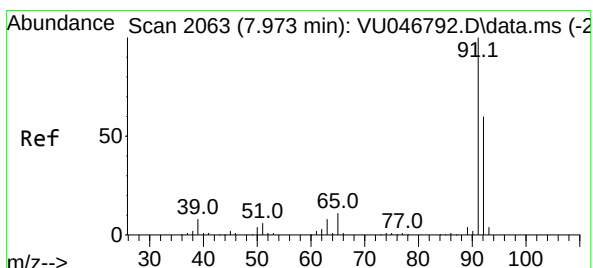
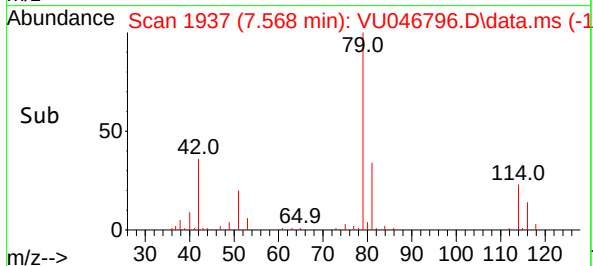
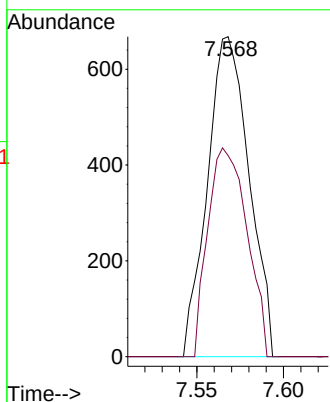
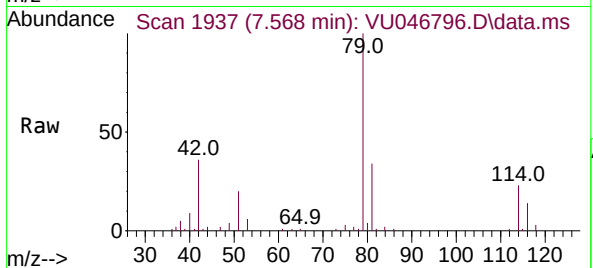
VHBLK001

Tgt Ion: 75 Resp: 1118

Ion Ratio Lower Upper

75 100

77 62.9 22.5 41.9#



#42

Toluene

Concen: 0.262 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046796.D

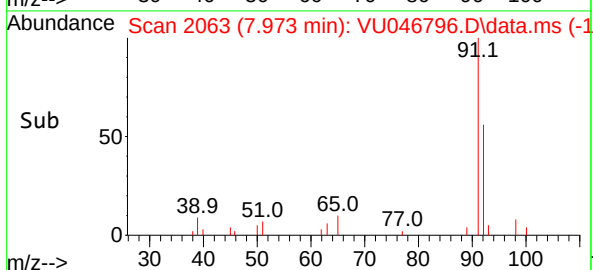
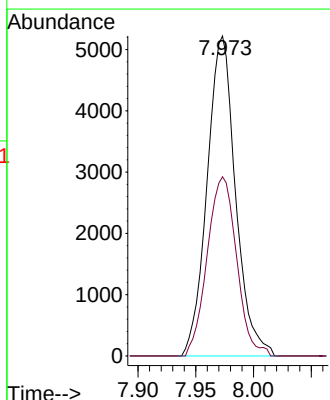
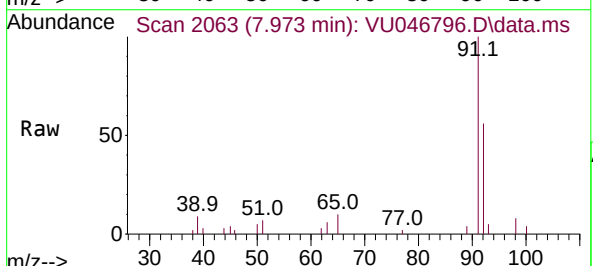
Acq: 19 Jan 2022 13:51

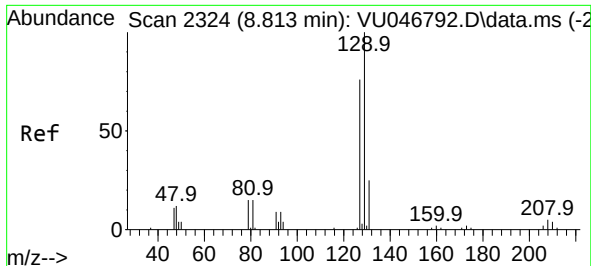
Tgt Ion: 91 Resp: 8943

Ion Ratio Lower Upper

91 100

92 56.0 41.3 76.7

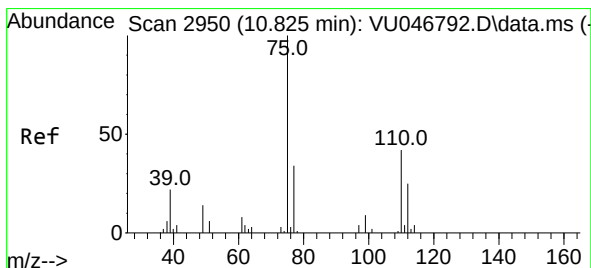
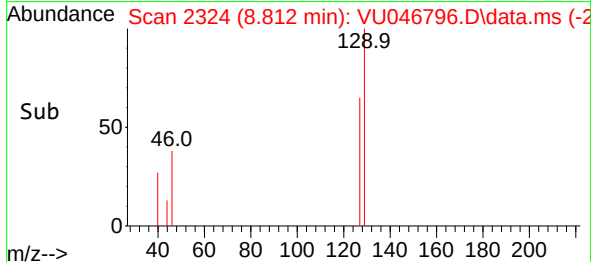
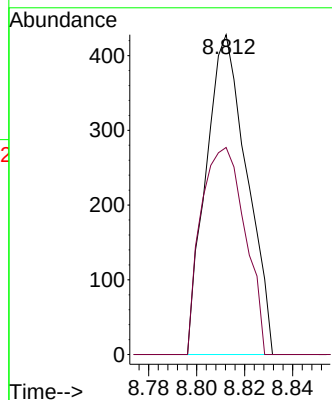
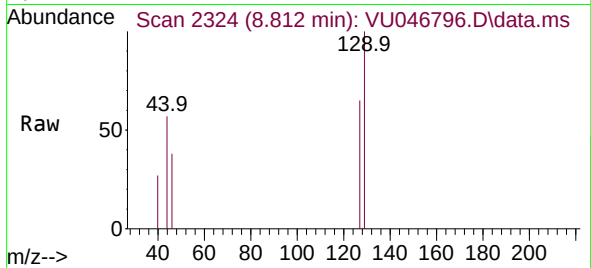




#49
Dibromochloromethane
Concen: 0.072 ug/L
RT: 8.812 min Scan# 21
Delta R.T. -0.000 min
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Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion:129 Resp: 505
Ion Ratio Lower Upper
129 100
127 64.7 55.4 102.8



#61
1,2,3-Trichloropropane
Concen: 1.372 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046796.D
Acq: 19 Jan 2022 13:51

Tgt Ion: 75 Resp: 6998
Ion Ratio Lower Upper
75 100
110 0.6 29.9 44.9#
77 27.9 25.5 38.3

