

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025128.D
 Acq On : 23 Mar 2022 13:36
 Operator : SY/MD
 Sample : N2044-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY32

Quant Time: Mar 24 01:15:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

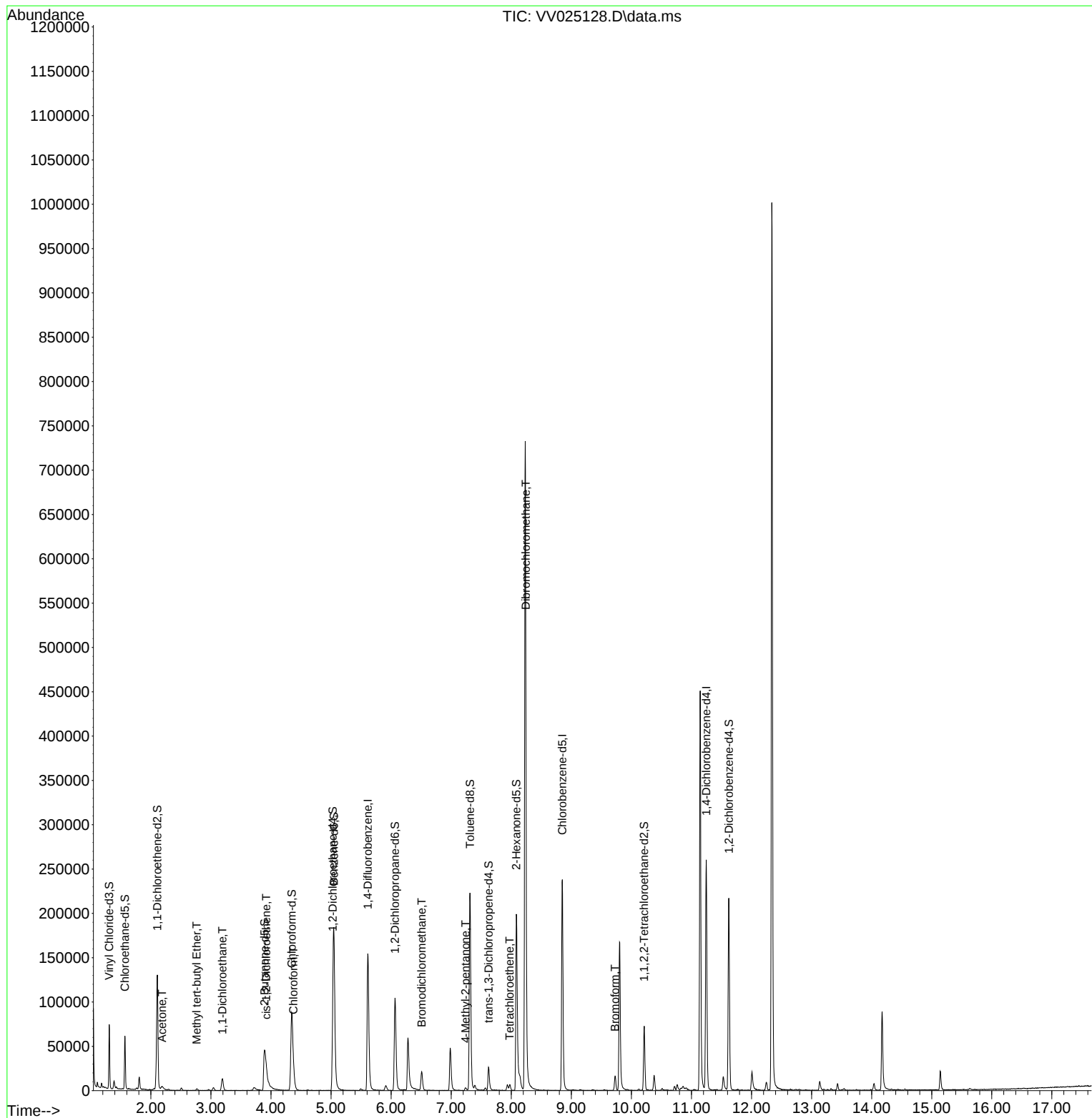
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	141924	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	137278	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66908	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43244	3.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.568	69	38592	4.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	58254	3.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.892	46	95624	70.617	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.240%#
24) Chloroform-d	4.346	84	90964	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.031	65	39738	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.047	84	179675	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.066	67	55496	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.313	98	154722	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.622	79	17670	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.085	63	76237	55.988	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36439	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	54519	4.813	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
13) Acetone	2.188	43	6930	7.652	ug/L #	46
17) Methyl tert-butyl Ether	2.764	73	1821	0.092	ug/L #	82
19) 1,1-Dichloroethane	3.191	63	14087	0.761	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	3223	0.293	ug/L	96
25) Chloroform	4.375	83	18247	0.946	ug/L	91
38) Bromodichloromethane	6.510	83	15885	1.224	ug/L	97
40) 4-Methyl-2-pentanone	7.239	43	2632	0.623	ug/L #	75
47) Tetrachloroethene	7.976	164	1372	0.164	ug/L	89
49) Dibromochloromethane	8.243	129	18023	2.349	ug/L	98
59) Bromoform	9.728	173	7503	2.082	ug/L	98

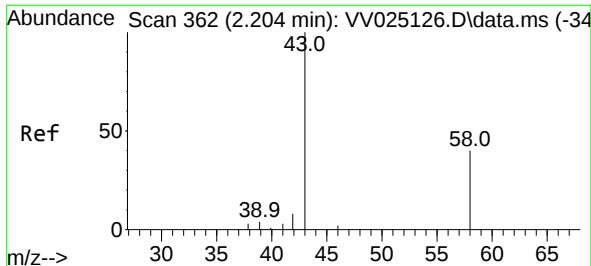
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration





#13

Acetone

Concen: 7.652 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.016 min

Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

Instrument :

MSVOA_V

ClientSampleId :

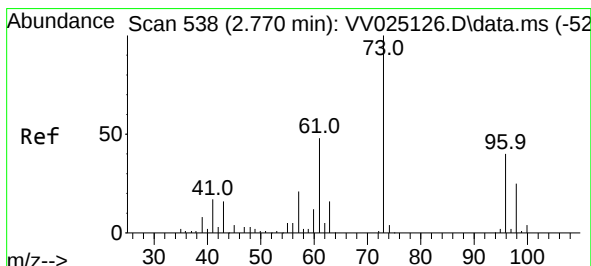
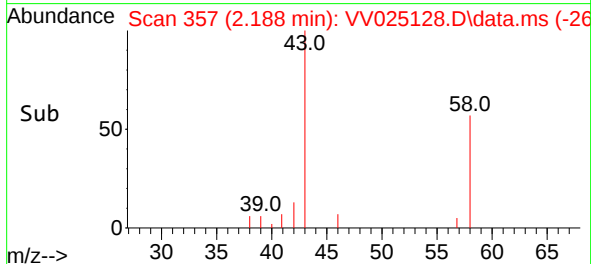
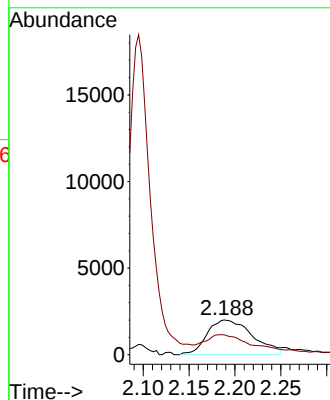
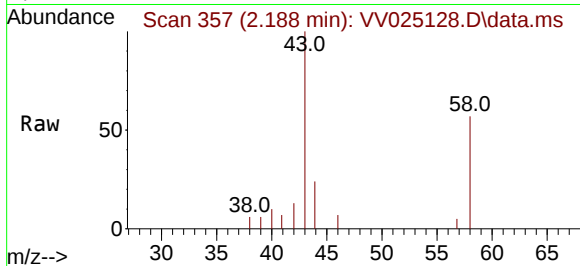
BFY32

Tgt Ion: 43 Resp: 6930

Ion Ratio Lower Upper

43 100

58 55.1 0.0 54.2#



#17

Methyl tert-butyl Ether

Concen: 0.092 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.007 min

Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

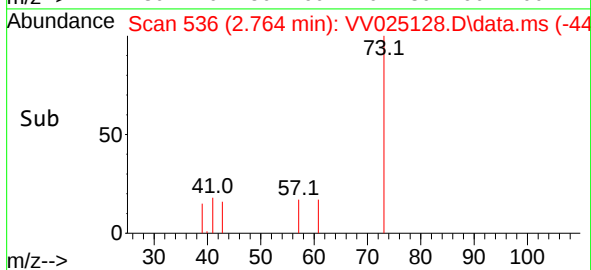
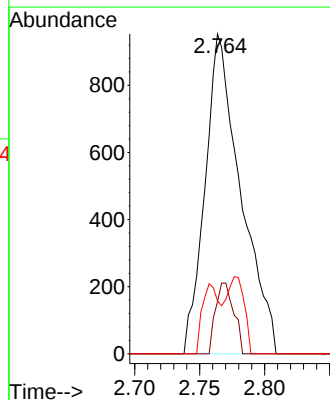
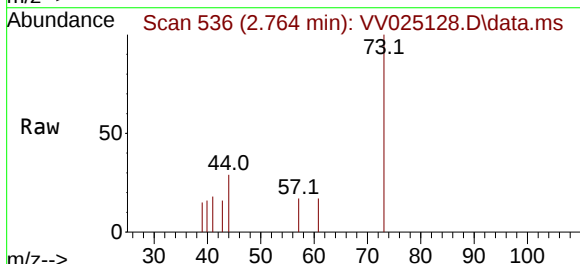
Tgt Ion: 73 Resp: 1821

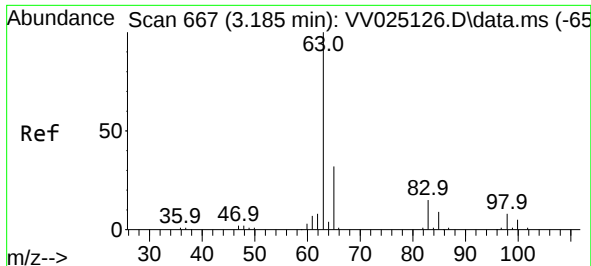
Ion Ratio Lower Upper

73 100

43 11.2 13.2 19.8#

57 10.6 16.7 25.1#





#19

1,1-Dichloroethane

Concen: 0.761 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

Instrument :

MSVOA_V

ClientSampleId :

BFY32

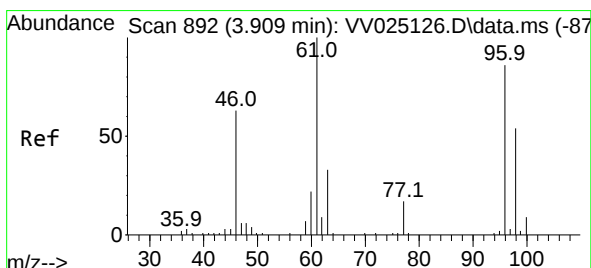
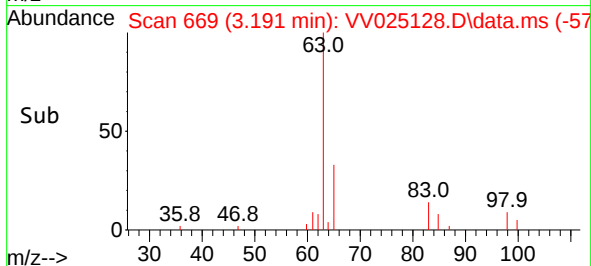
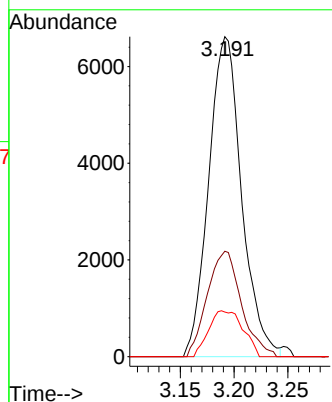
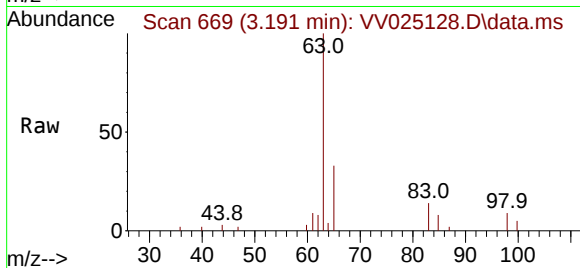
Tgt Ion: 63 Resp: 14087

Ion Ratio Lower Upper

63 100

65 33.0 22.2 41.2

83 14.0 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 0.293 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.013 min

Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

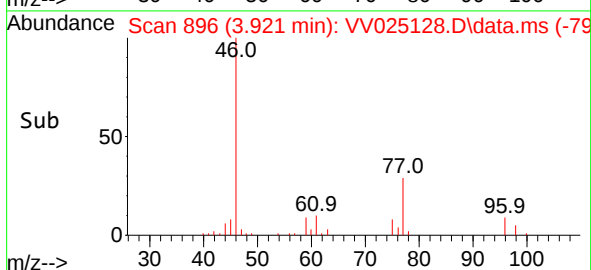
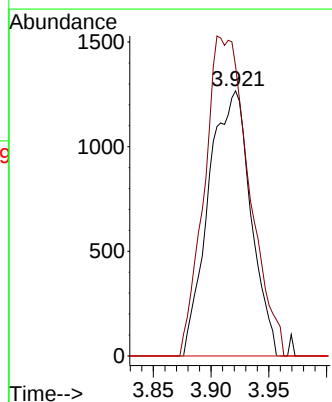
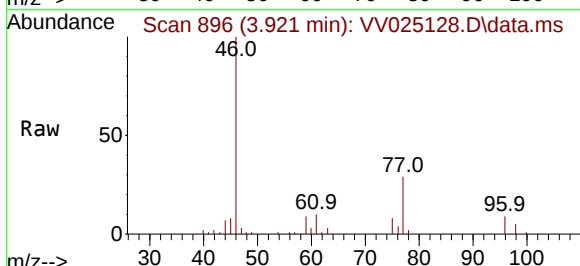
Tgt Ion: 96 Resp: 3223

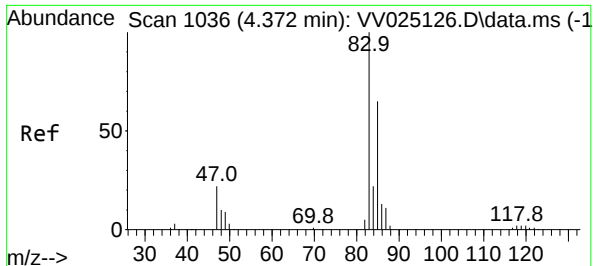
Ion Ratio Lower Upper

96 100

61 109.3 79.7 147.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.946 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

Instrument :

MSVOA_V

ClientSampleId :

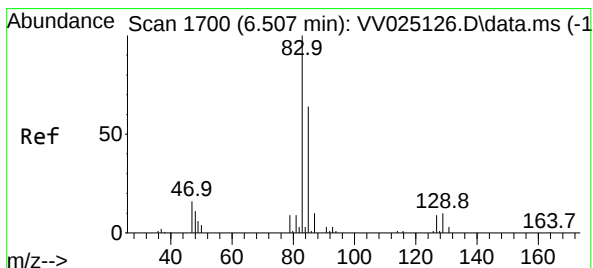
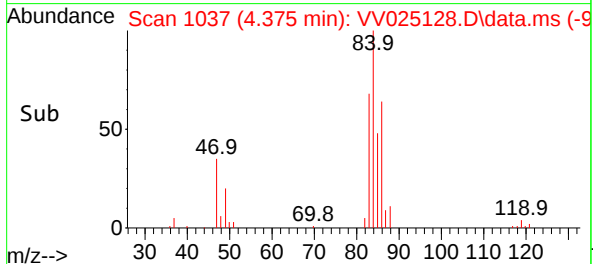
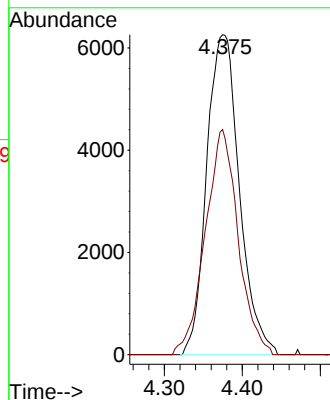
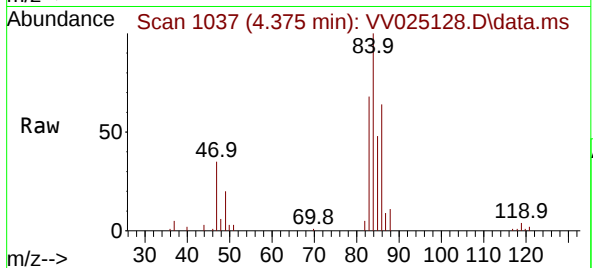
BFY32

Tgt Ion: 83 Resp: 18247

Ion Ratio Lower Upper

83 100

85 70.4 44.5 82.7



#38

Bromodichloromethane

Concen: 1.224 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

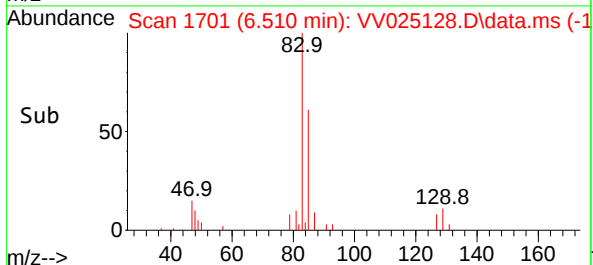
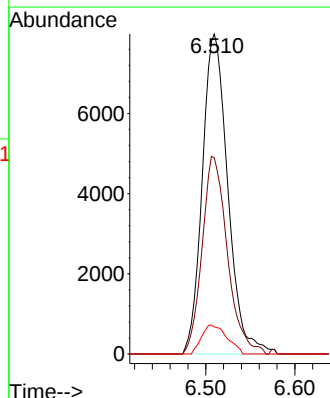
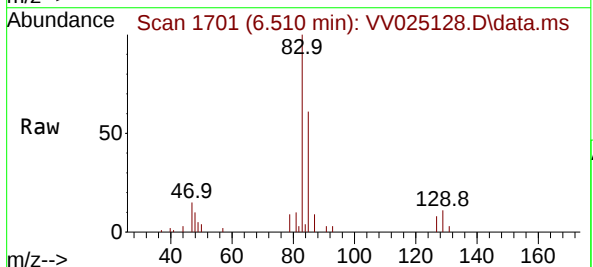
Tgt Ion: 83 Resp: 15885

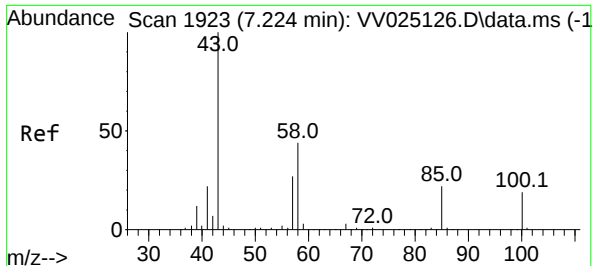
Ion Ratio Lower Upper

83 100

85 61.3 44.8 83.2

127 8.5 6.3 9.5





#40

4-Methyl-2-pentanone

Concen: 0.623 ug/L

RT: 7.239 min Scan# 1923

Delta R.T. 0.016 min

Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

Instrument :

MSVOA_V

ClientSampleId :

BFY32

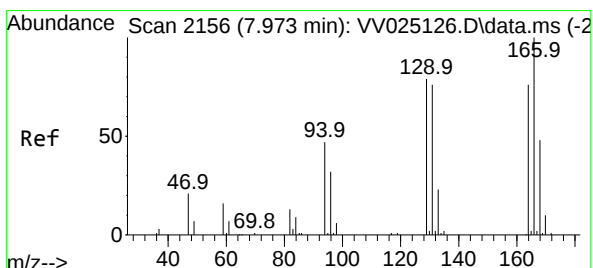
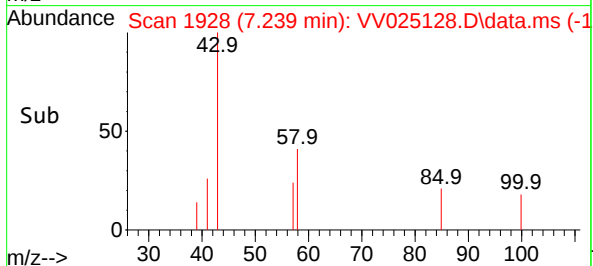
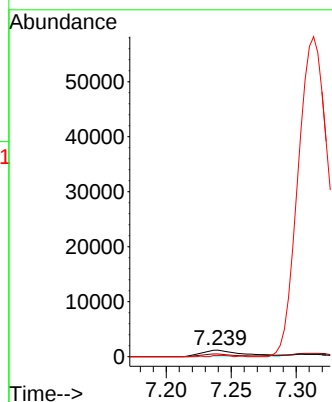
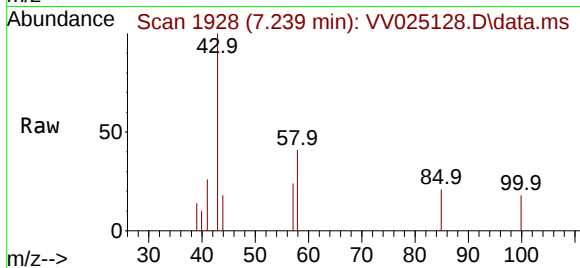
Tgt Ion: 43 Resp: 2632

Ion Ratio Lower Upper

43 100

58 33.1 36.6 55.0#

100 0.0 13.8 20.8#



#47

Tetrachloroethene

Concen: 0.164 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025128.D

Acq: 23 Mar 2022 13:36

Tgt Ion: 164 Resp: 1372

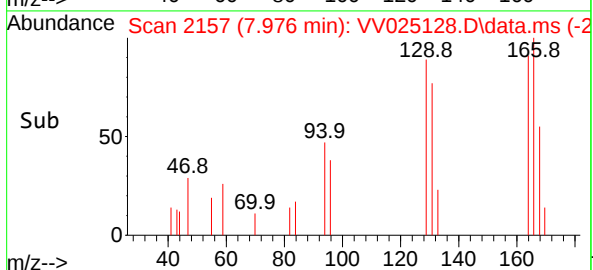
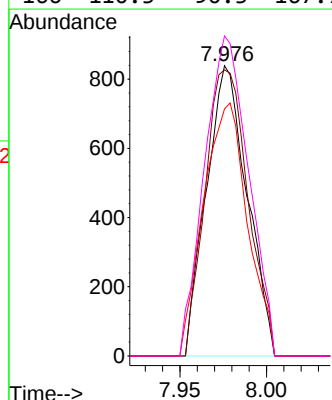
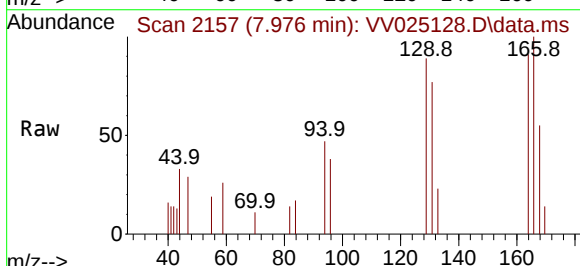
Ion Ratio Lower Upper

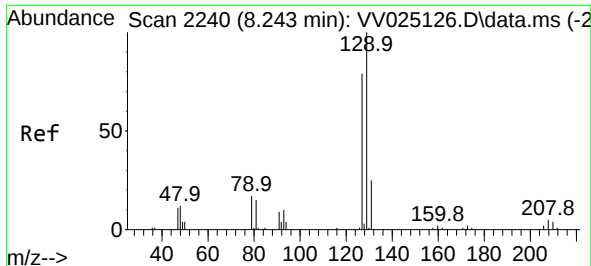
164 100

129 98.6 70.3 130.7

131 85.1 69.4 129.0

166 110.3 90.3 167.7

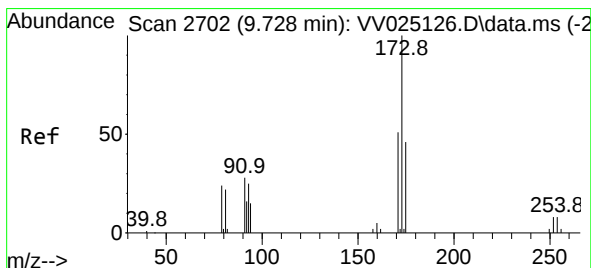
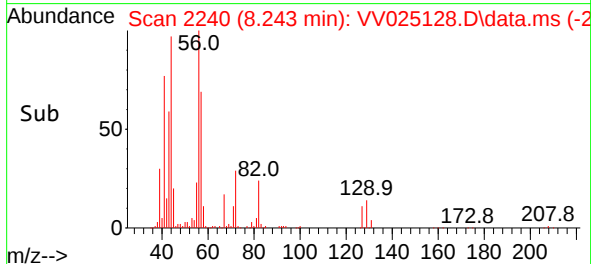
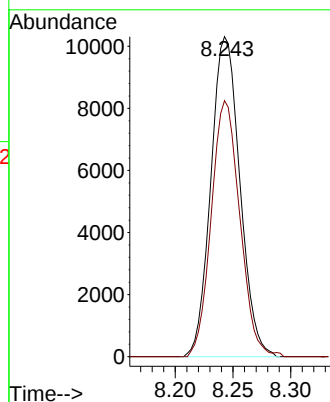
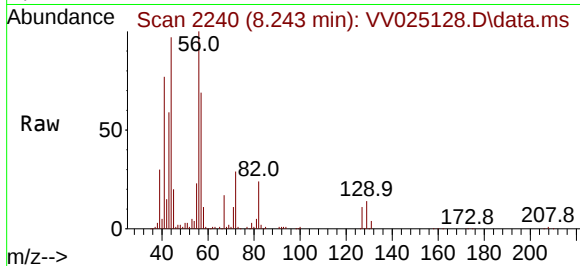




#49
Dibromochloromethane
Concen: 2.349 ug/L
RT: 8.243 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

Instrument :
MSVOA_V
ClientSampleId :
BFY32

Tgt Ion:129 Resp: 18023
Ion Ratio Lower Upper
129 100
127 80.0 54.9 102.1



#59
Bromoform
Concen: 2.082 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV025128.D
Acq: 23 Mar 2022 13:36

Tgt Ion:173 Resp: 7503
Ion Ratio Lower Upper
173 100
175 46.1 37.8 56.8
254 6.7 5.8 8.6

