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 Data File : VW029165.D
 Acq On : 19 Nov 2022 12:58
 Operator : SY/MD
 Sample : N5687-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

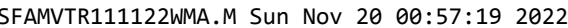
Instrument :
 MSVOA_V
 ClientSampleId :
 BGCE5RE

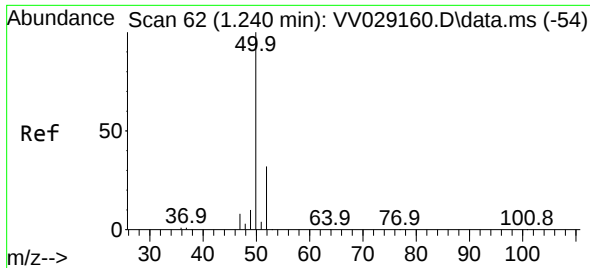
Quant Time: Nov 20 00:57:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	318605	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	292632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	136854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.217	65	71	0.004	ug/L	-0.09
Spiked Amount	5.000	Range 40 - 130	Recovery	=	0.000%	#
7) Chloroethane-d5	1.568	69	85058	4.981	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	#
11) 1,1-Dichloroethene-d2	2.105	63	80753	2.281	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	45.600%	#
20) 2-Butanone-d5	3.908	46	110678	34.040	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.080%	#
24) Chloroform-d	4.343	84	180947	4.537	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	#
26) 1,2-Dichloroethane-d4	5.027	65	81919	4.566	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	#
32) Benzene-d6	5.047	84	386357	4.423	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	#
36) 1,2-Dichloropropane-d6	6.066	67	114870	4.710	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	#
41) Toluene-d8	7.313	98	79757	1.014	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	20.200%	#
43) trans-1,3-Dichloroprop...	7.625	79	13594	1.709	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	34.200%	#
46) 2-Hexanone-d5	8.088	63	142558	41.984	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.960%	#
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77285	4.570	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	#
66) 1,2-Dichlorobenzene-d4	11.616	152	118404	4.836	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	#
Target Compounds						Qvalue
3) Chloromethane	1.240	50	7100	0.322	ug/L	98
6) Bromomethane	1.523	94	923	0.061	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	676	0.030	ug/L	98
25) Chloroform	4.371	83	4663	0.122	ug/L	85
35) Methylcyclohexane	6.063	83	26982	0.671	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	12420	0.602	ug/L #	85
38) Bromodichloromethane	6.513	83	6285	0.241	ug/L #	98
49) Dibromochloromethane	8.243	129	12091	0.741	ug/L	92
59) Bromoform	9.728	173	8727	1.170	ug/L	98
61) 1,2,3-Trichloropropane	11.239	75	13858	1.482	ug/L #	65

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
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Response via : Initial Calibration

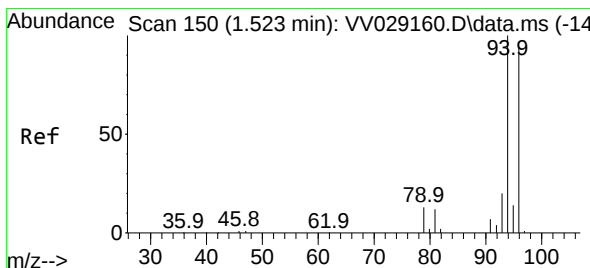
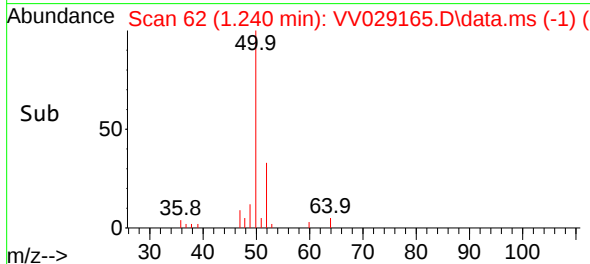
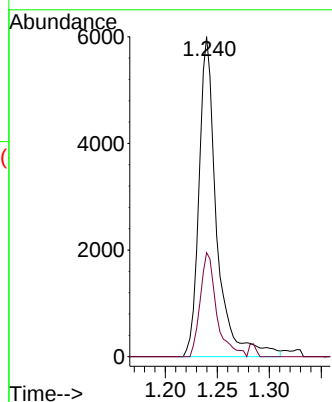
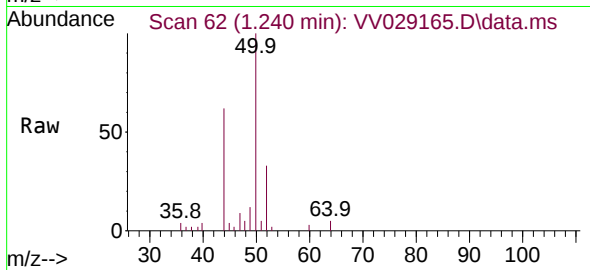




#3
Chloromethane
Concen: 0.322 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029165.D
Acq: 19 Nov 2022 12:58

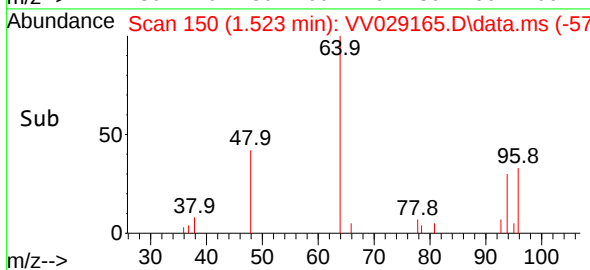
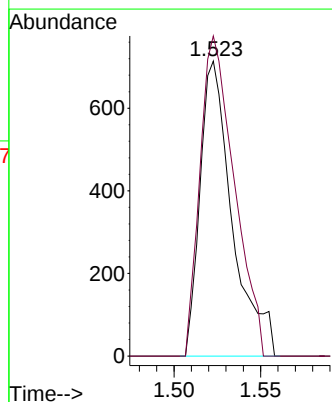
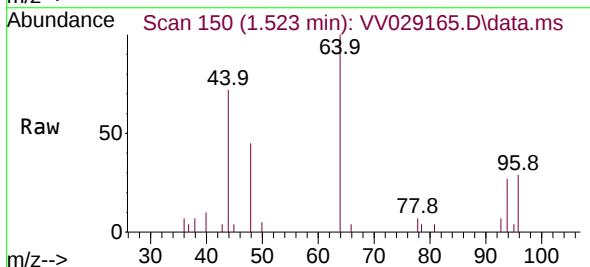
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ClientSampleId :
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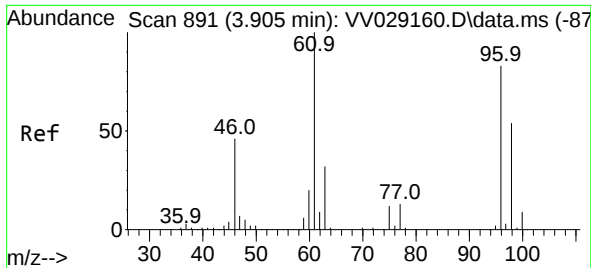
Tgt Ion: 50 Resp: 7100
Ion Ratio Lower Upper
50 100
52 32.5 23.7 43.9



#6
Bromomethane
Concen: 0.061 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV029165.D
Acq: 19 Nov 2022 12:58

Tgt Ion: 94 Resp: 923
Ion Ratio Lower Upper
94 100
96 108.5 68.5 127.3

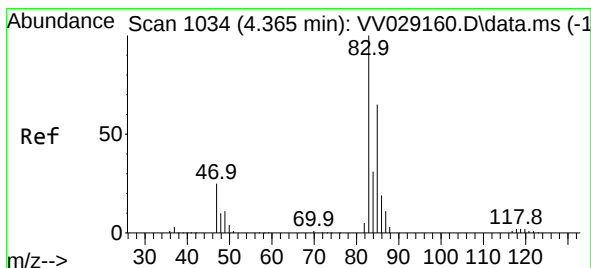
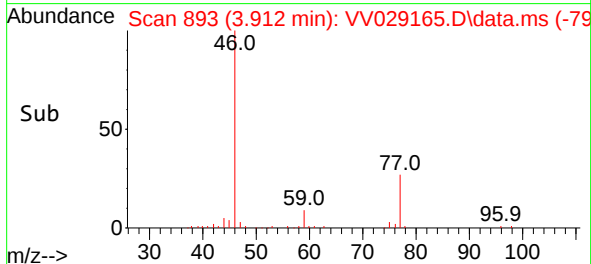
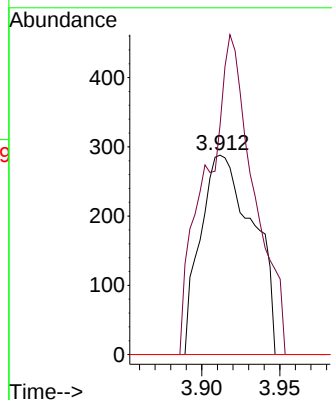
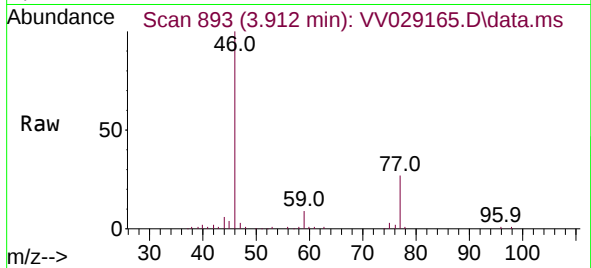




#22
 cis-1,2-Dichloroethene
 Concen: 0.030 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029165.D
 Acq: 19 Nov 2022 12:58

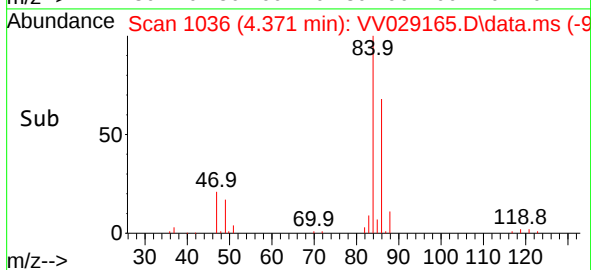
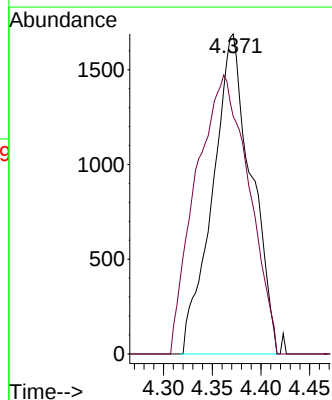
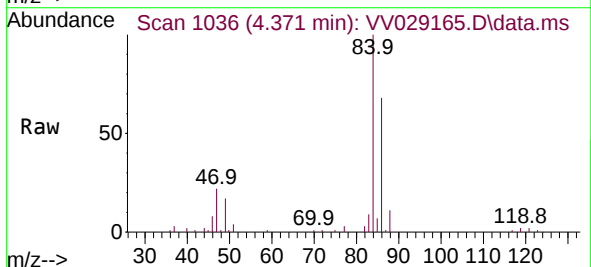
Instrument :
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 ClientSampleId :
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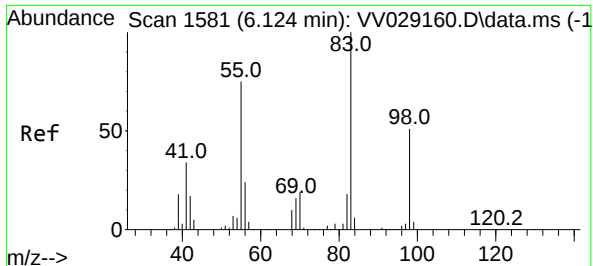
Tgt Ion: 96 Resp: 676
 Ion Ratio Lower Upper
 96 100
 61 114.9 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.122 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VV029165.D
 Acq: 19 Nov 2022 12:58

Tgt Ion: 83 Resp: 4663
 Ion Ratio Lower Upper
 83 100
 85 74.3 43.7 81.1





#35

Methylcyclohexane

Concen: 0.671 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV029165.D

Acq: 19 Nov 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

BGCE5RE

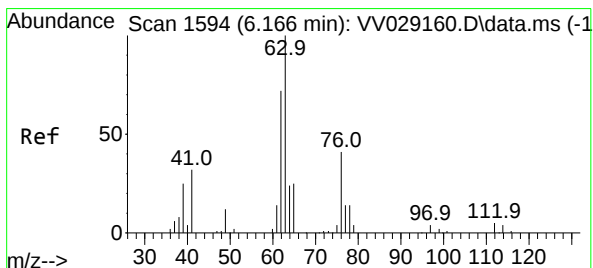
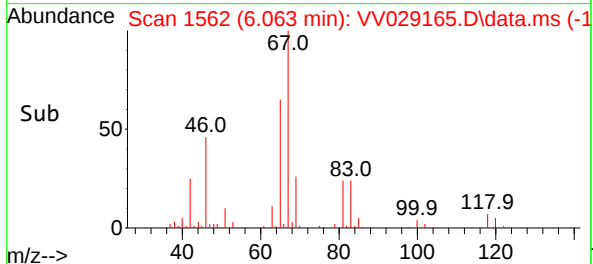
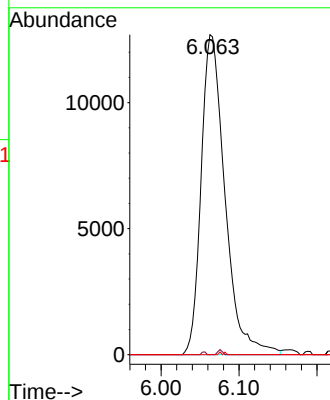
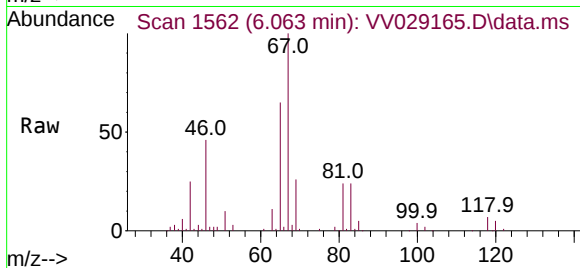
Tgt Ion: 83 Resp: 26982

Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.1 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.602 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV029165.D

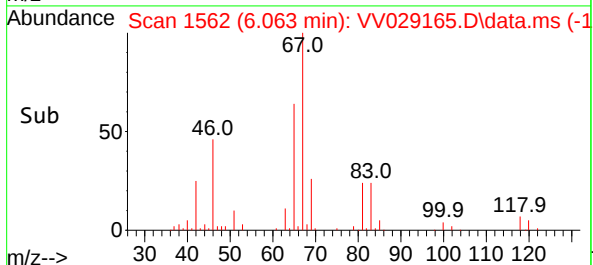
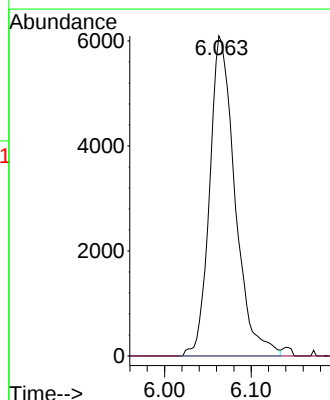
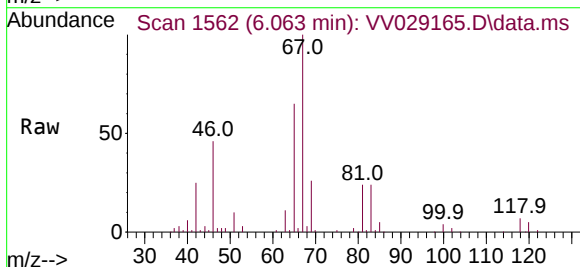
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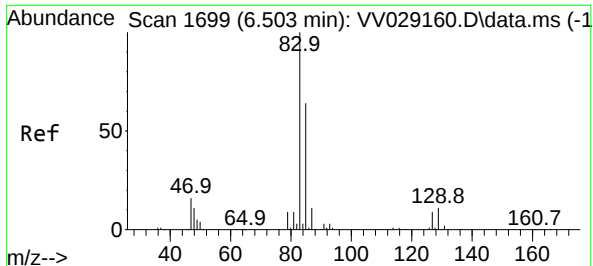
Tgt Ion: 63 Resp: 12420

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

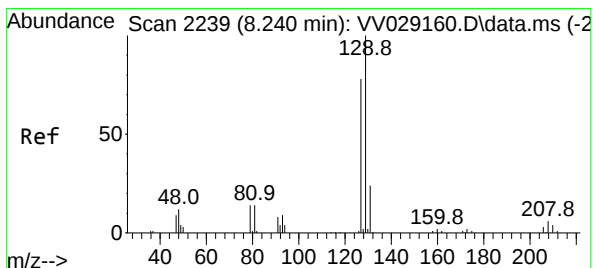
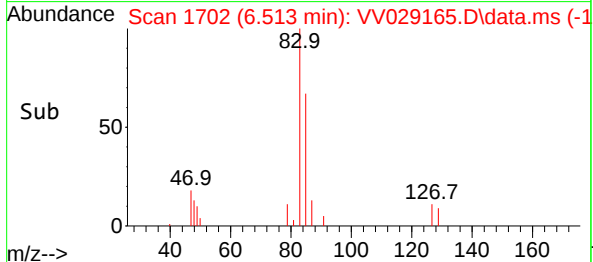
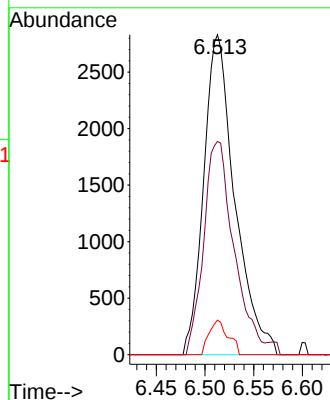
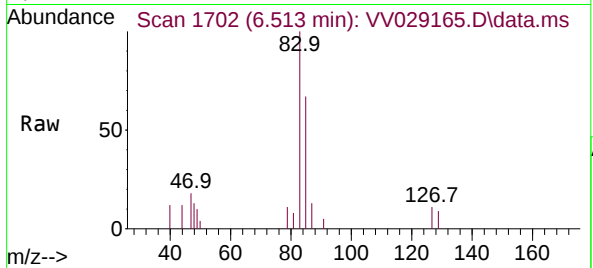




#38
Bromodichloromethane
Concen: 0.241 ug/L
RT: 6.513 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029165.D
Acq: 19 Nov 2022 12:58

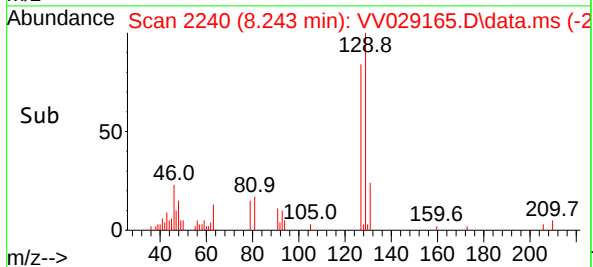
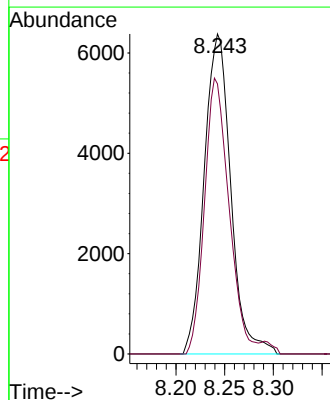
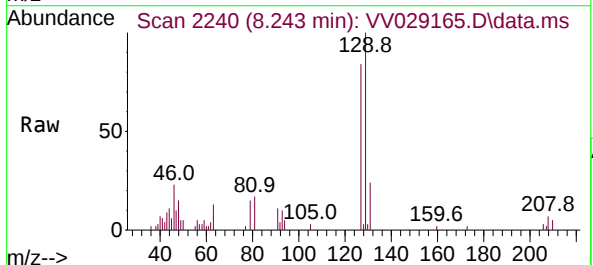
Instrument :
MSVOA_V
ClientSampleId :
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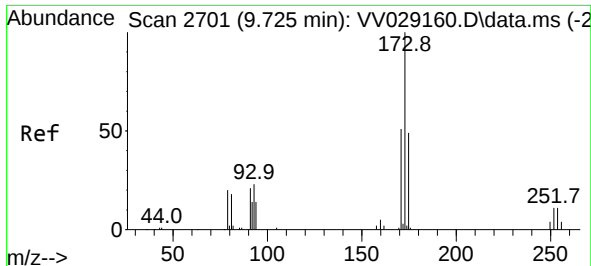
Tgt Ion: 83 Resp: 6285
Ion Ratio Lower Upper
83 100
85 66.7 46.1 85.5
127 10.8 6.7 10.1#



#49
Dibromochloromethane
Concen: 0.741 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV029165.D
Acq: 19 Nov 2022 12:58

Tgt Ion: 129 Resp: 12091
Ion Ratio Lower Upper
129 100
127 84.4 54.5 101.1

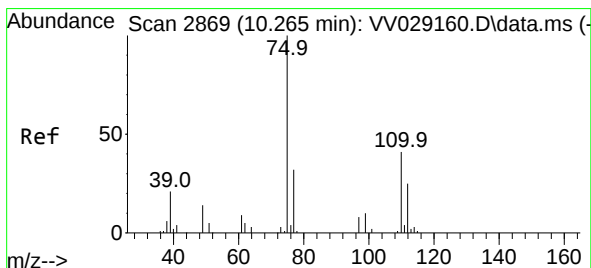
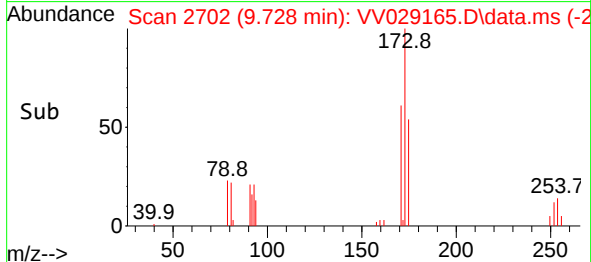
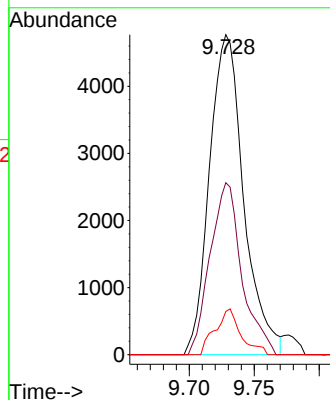
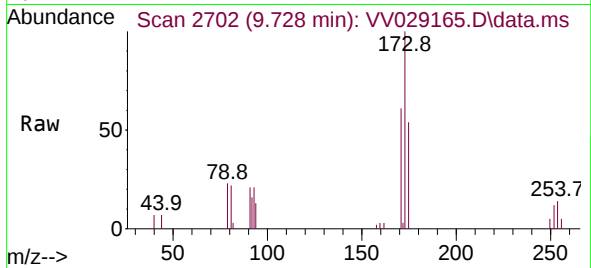




#59
Bromoform
Concen: 1.170 ug/L
RT: 9.728 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029165.D
Acq: 19 Nov 2022 12:58

Instrument :
MSVOA_V
ClientSampleId :
BGCE5RE

Tgt Ion:173 Resp: 8727
Ion Ratio Lower Upper
173 100
175 49.7 38.2 57.4
254 10.7 8.5 12.7



#61
1,2,3-Trichloropropane
Concen: 1.482 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029165.D
Acq: 19 Nov 2022 12:58

Tgt Ion: 75 Resp: 13858
Ion Ratio Lower Upper
75 100
77 34.4 26.2 39.2
110 2.5 32.6 48.8#

