

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112022\
 Data File : VV029215.D
 Acq On : 20 Nov 2022 11:02
 Operator : SY/MD
 Sample : VV1120WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 00:55:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

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

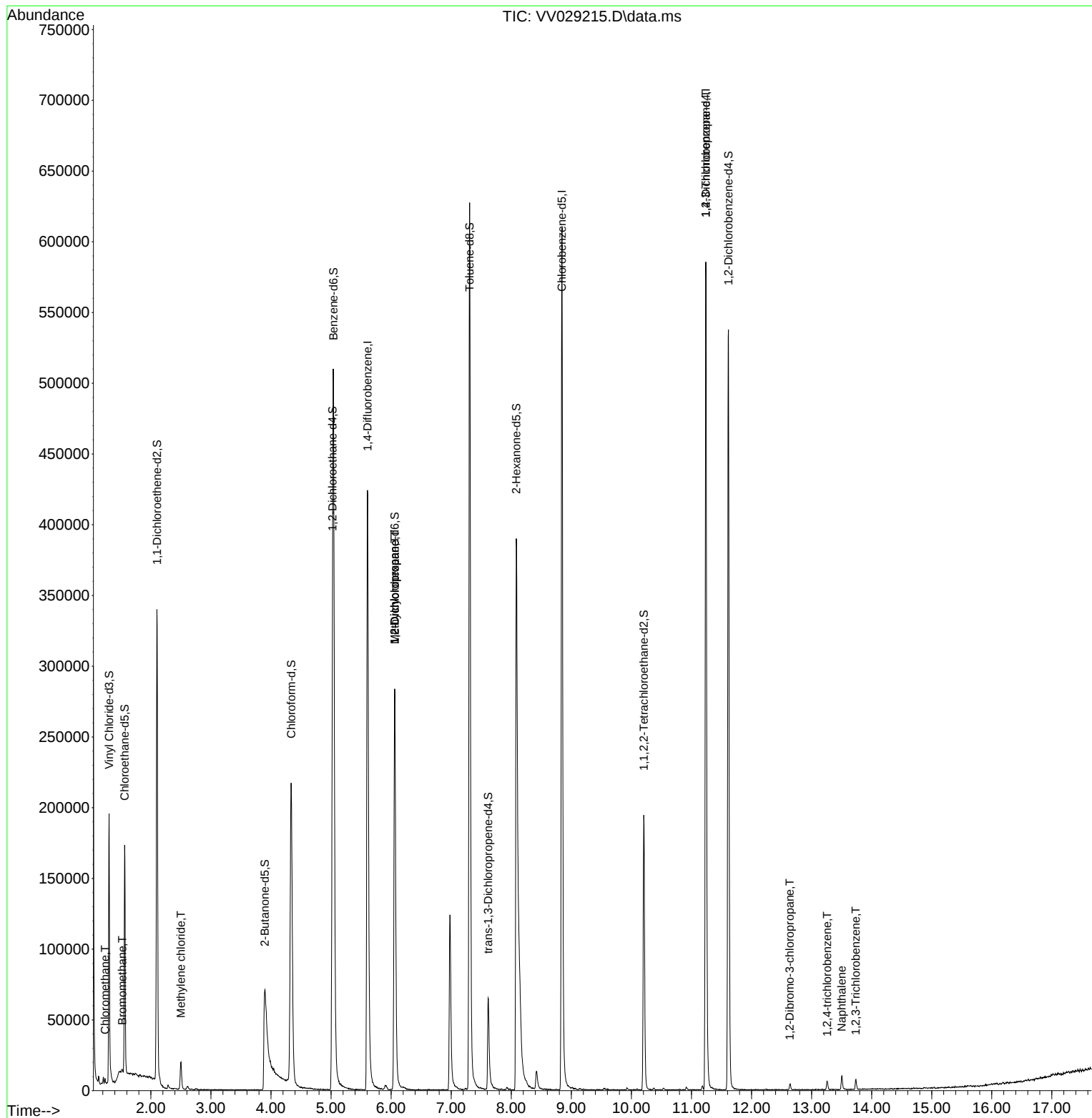
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	399700	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	361272	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	166097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133662	5.485	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	109.800%	
7) Chloroethane-d5	1.564	69	107038	4.997	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	2.101	63	168505	3.795	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	3.896	46	172592	42.312	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.620%	
24) Chloroform-d	4.336	84	233738	4.672	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.024	65	107258	4.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.040	84	500990	4.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.059	67	146515	4.866	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.307	98	442792	4.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	7.616	79	44793	4.561	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.085	63	203468	48.537	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.080%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	102762	4.922	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	11.616	152	149107	5.018	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						Qvalue
3) Chloromethane	1.236	50	3203	0.116	ug/L	83
6) Bromomethane	1.523	94	1391	0.074	ug/L	88
16) Methylene chloride	2.500	84	8305	0.265	ug/L	96
35) Methylcyclohexane	6.059	83	36535	0.736	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	15237	0.599	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	18534	1.633	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.635	75	290	0.130	ug/L #	2
70) 1,2,4-trichlorobenzene	13.259	180	2757	0.093	ug/L #	94
71) Naphthalene	13.503	128	9016	0.236	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.734	180	2288	0.091	ug/L #	78

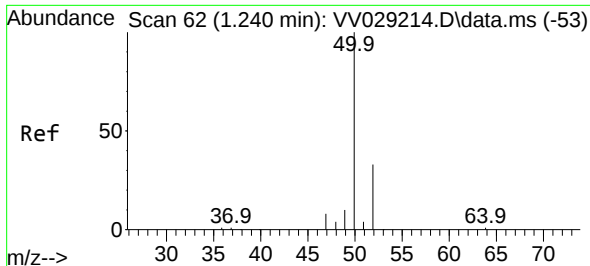
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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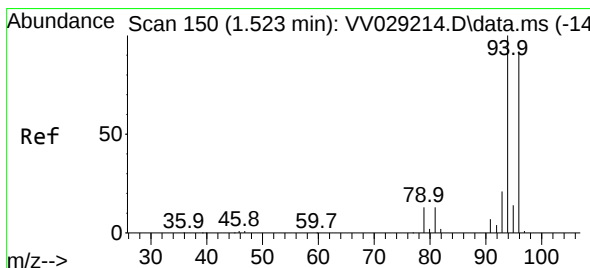
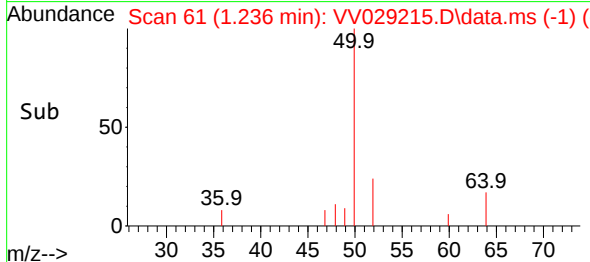
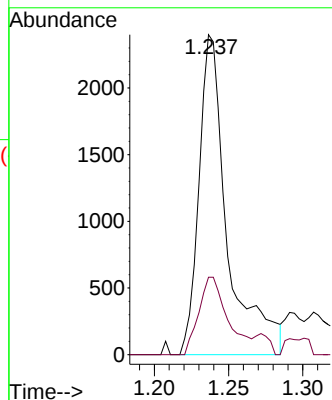
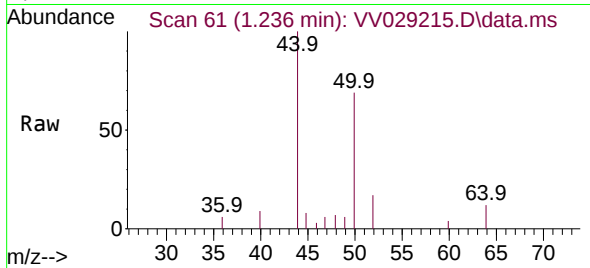




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029215.D
Acq: 20 Nov 2022 11:02

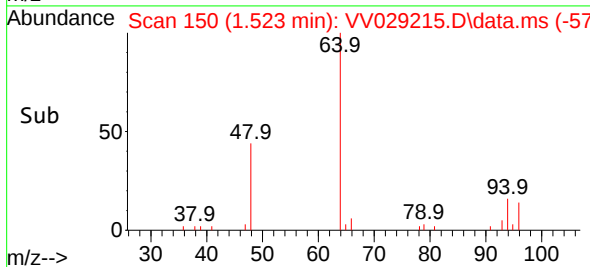
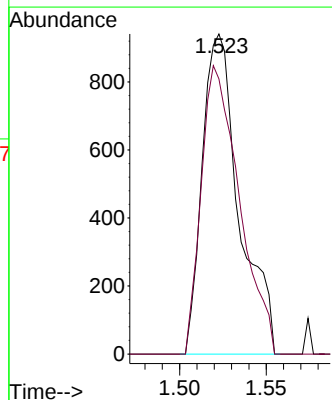
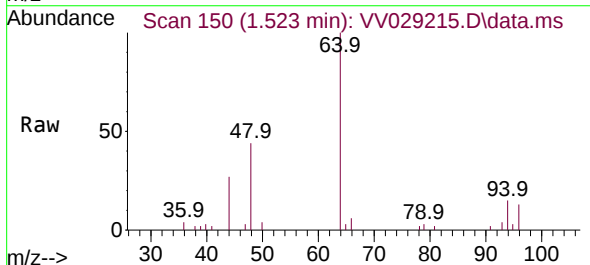
Instrument :
MSVOA_V
ClientSampleId :

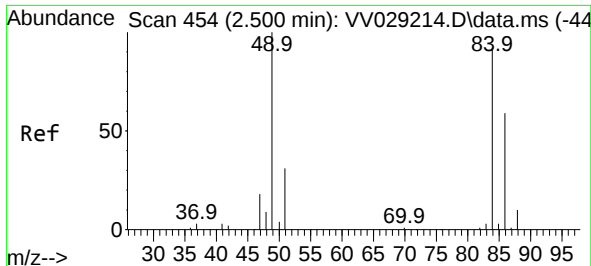
Tgt Ion: 50 Resp: 3203
Ion Ratio Lower Upper
50 100
52 24.2 23.7 43.9



#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV029215.D
Acq: 20 Nov 2022 11:02

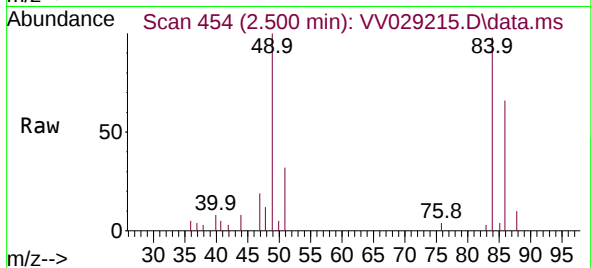
Tgt Ion: 94 Resp: 1391
Ion Ratio Lower Upper
94 100
96 86.0 68.5 127.3



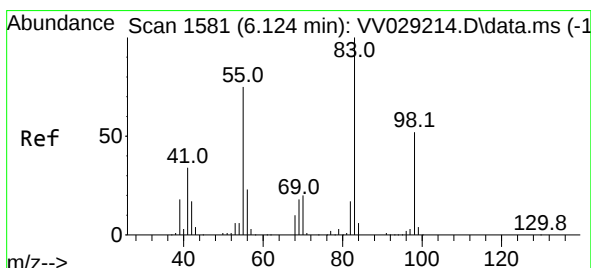
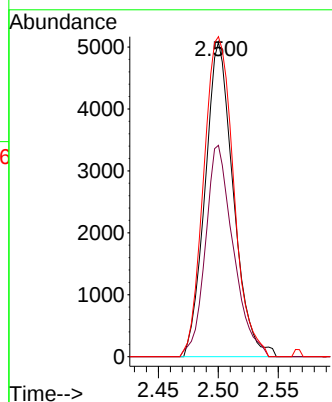
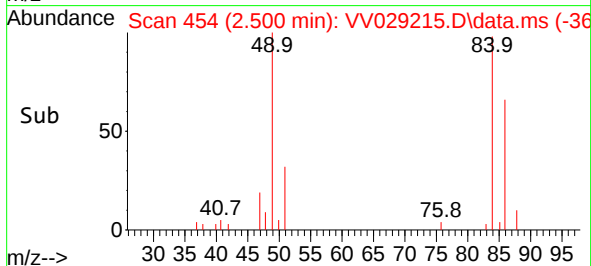


#16
Methylene chloride
Concen: 0.265 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029215.D
Acq: 20 Nov 2022 11:02

Instrument :
MSVOA_V
ClientSampleId :

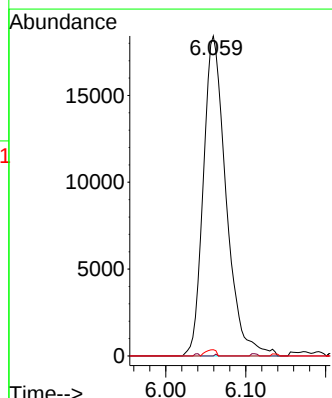
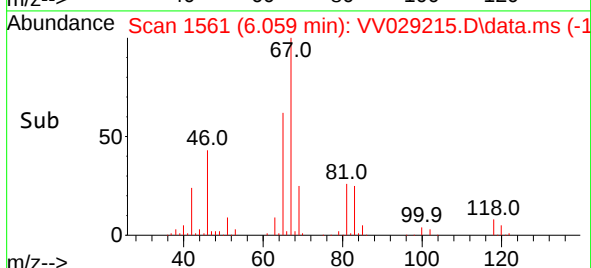
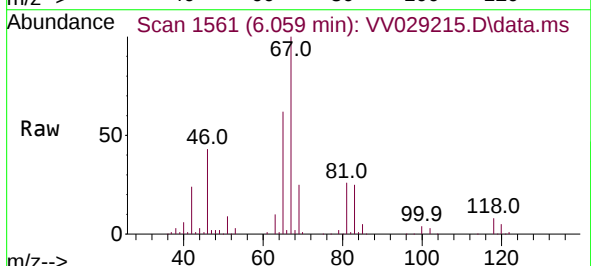


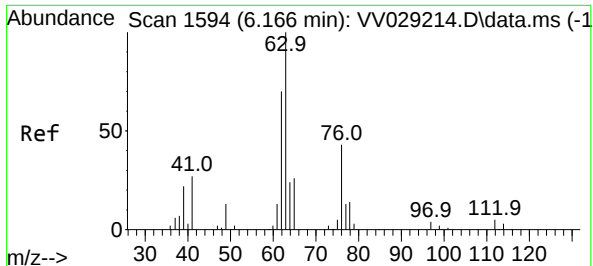
Tgt Ion: 84 Resp: 8305
Ion Ratio Lower Upper
84 100
86 67.2 45.8 85.0
49 101.7 75.5 140.1



#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.064 min
Lab File: VV029215.D
Acq: 20 Nov 2022 11:02

Tgt Ion: 83 Resp: 36535
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 0.9 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.599 ug/L

RT: 6.059 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029215.D

Acq: 20 Nov 2022 11:02

Instrument :

MSVOA_V

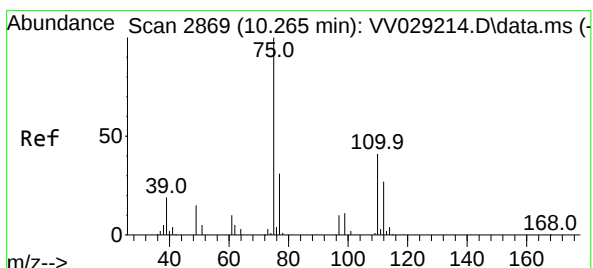
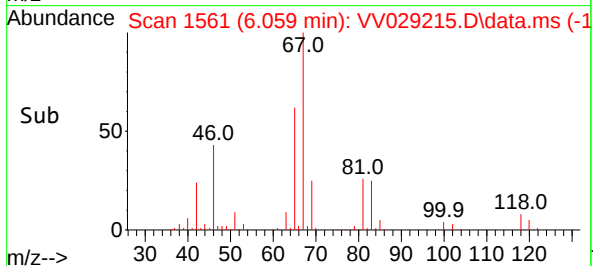
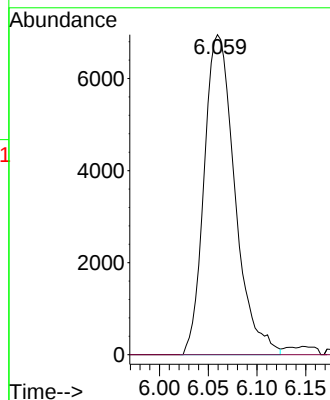
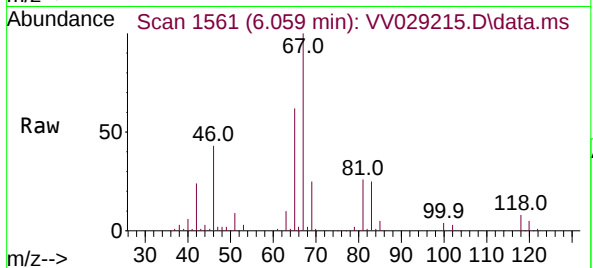
ClientSampleId :

Tgt Ion: 63 Resp: 15237

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.633 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029215.D

Acq: 20 Nov 2022 11:02

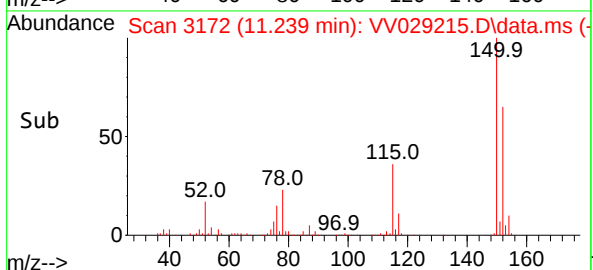
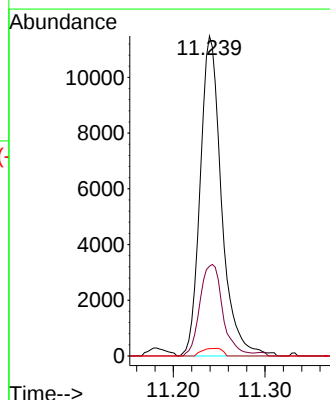
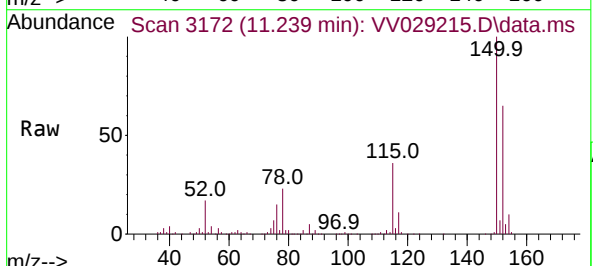
Tgt Ion: 75 Resp: 18534

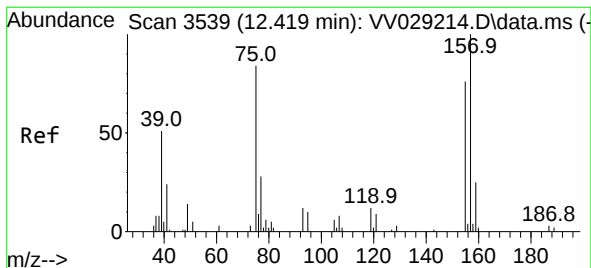
Ion Ratio Lower Upper

75 100

77 30.8 26.2 39.2

110 2.2 32.6 48.8#

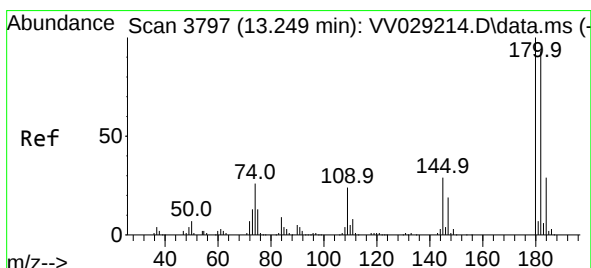
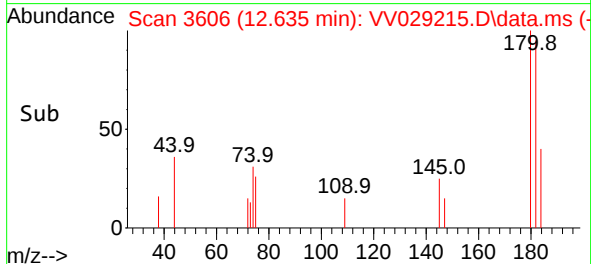
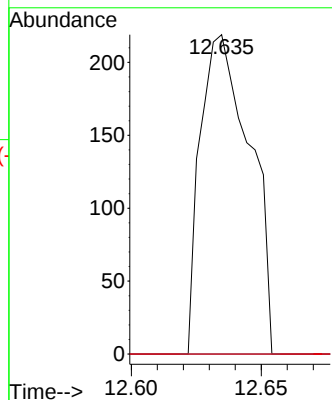
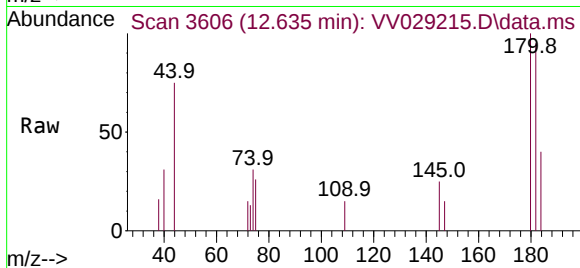




#68
1,2-Dibromo-3-chloropropane
Concen: 0.130 ug/L
RT: 12.635 min Scan# 3000
Delta R.T. 0.215 min
Lab File: VV029215.D
Acq: 20 Nov 2022 11:02

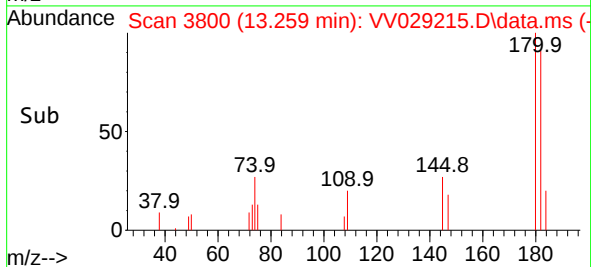
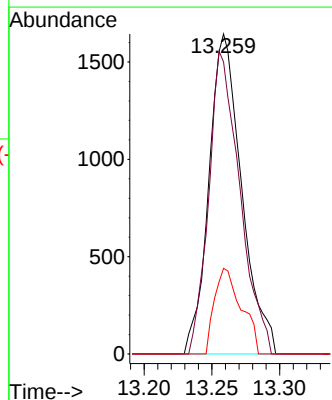
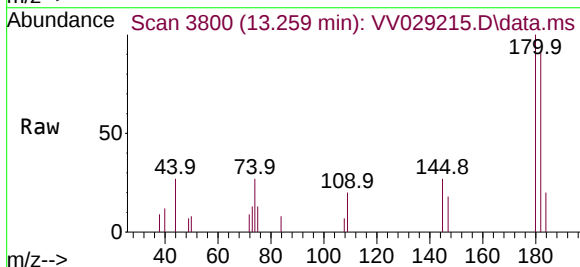
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MSVOA_V
ClientSampleId :

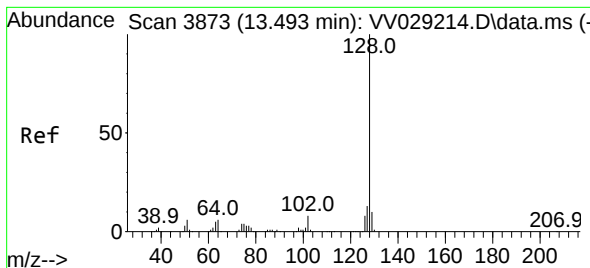
Tgt Ion: 75 Resp: 290
Ion Ratio Lower Upper
75 100
155 0.0 64.8 97.2#
157 0.0 86.3 129.5#



#70
1,2,4-trichlorobenzene
Concen: 0.093 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.010 min
Lab File: VV029215.D
Acq: 20 Nov 2022 11:02

Tgt Ion: 180 Resp: 2757
Ion Ratio Lower Upper
180 100
182 89.8 74.3 111.5
145 21.9 23.7 35.5#





#71

Naphthalene

Concen: 0.236 ug/L

RT: 13.503 min Scan# 3916

Delta R.T. 0.010 min

Lab File: VV029215.D

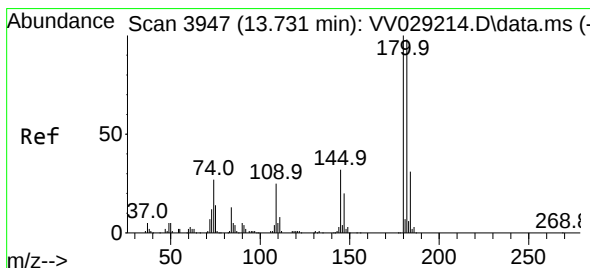
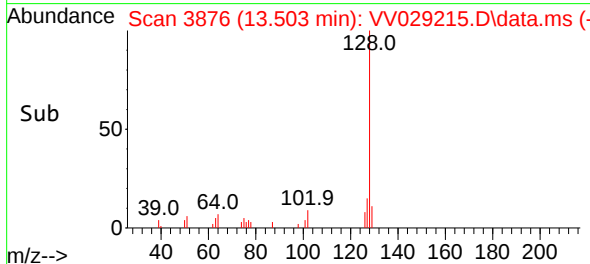
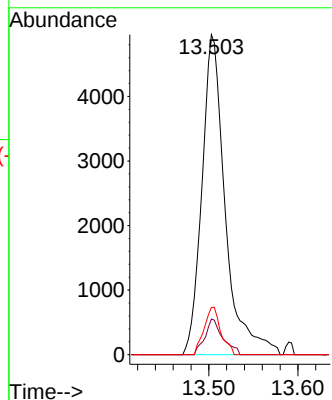
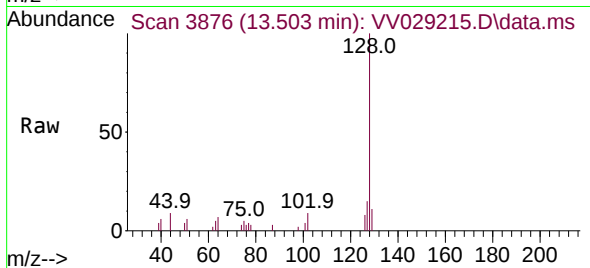
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Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	9016
Ion Ratio	Lower	Upper	
128	100		
129	8.5	8.8	13.2#
127	10.6	9.8	14.8



#72

1,2,3-Trichlorobenzene

Concen: 0.091 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV029215.D

Acq: 20 Nov 2022 11:02

Tgt Ion:	180	Resp:	2288
Ion Ratio	Lower	Upper	
180	100		
182	121.5	75.4	113.2#
145	28.2	24.9	37.3

