

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029217.D
 Acq On : 20 Nov 2022 11:57
 Operator : SY/MD
 Sample : N5651-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K9

Quant Time: Nov 21 00:56:14 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)

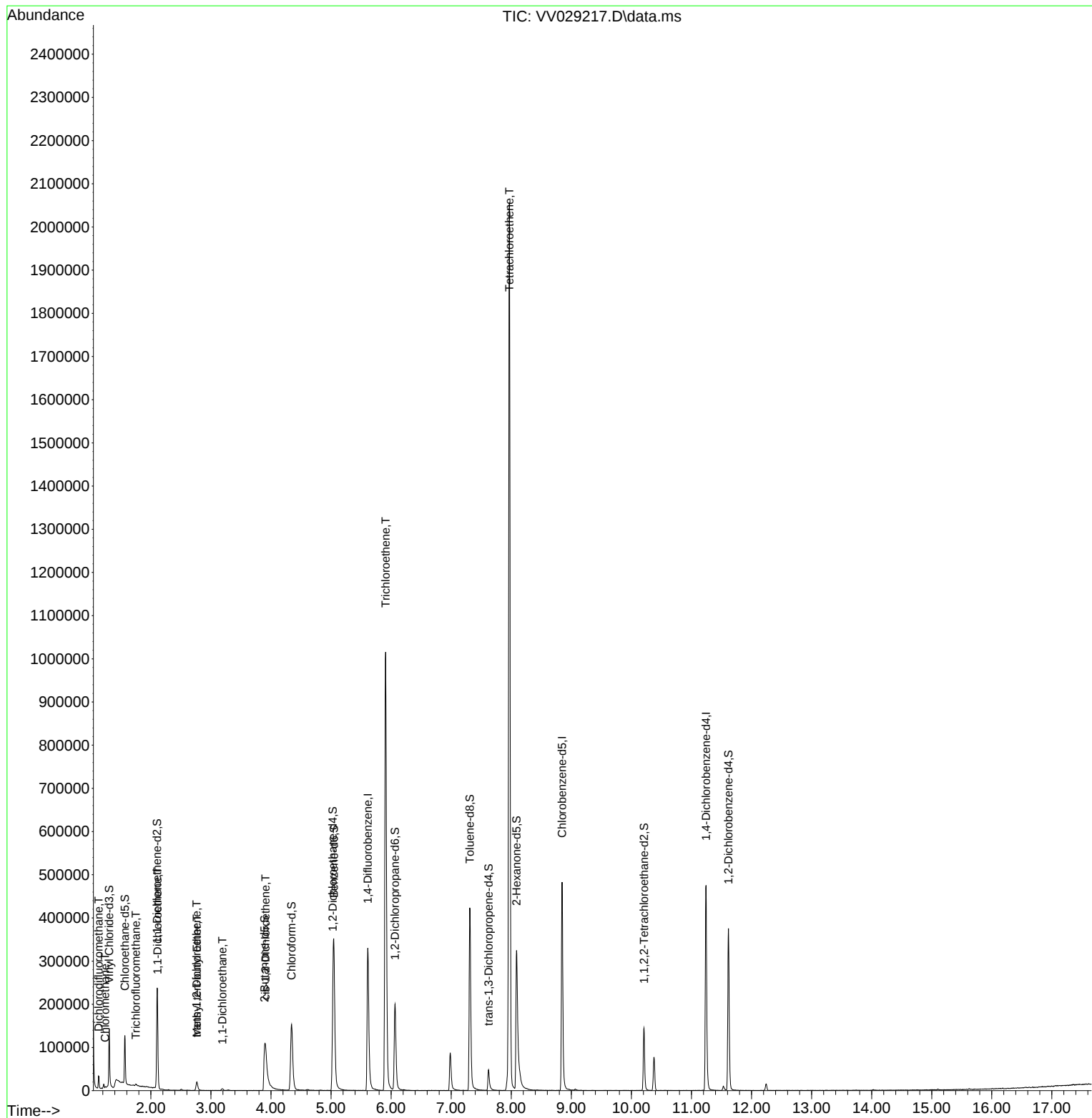
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	316301	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	291182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	135982	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91346	4.737	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.568	69	74615	4.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.105	63	117629	3.347	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.892	46	170374	52.781	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.560%
24) Chloroform-d	4.343	84	170597	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.031	65	77555	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.047	84	350735	4.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.066	67	103950	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.310	98	306304	3.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.622	79	32600	4.118	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.088	63	146596	43.388	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.780%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72253	4.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	105850	4.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	8276	0.314	ug/L	98
3) Chloromethane	1.240	50	3133	0.143	ug/L	93
9) Trichlorofluoromethane	1.751	101	2131	0.063	ug/L	87
12) 1,1-Dichloroethene	2.114	96	3350	0.175	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	18672	0.455	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	1233	0.056	ug/L	97
19) 1,1-Dichloroethane	3.191	63	4337	0.119	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	24970	1.106	ug/L	99
34) Trichloroethene	5.908	95	365674	16.053	ug/L	98
47) Tetrachloroethene	7.969	164	485685	26.627	ug/L	100

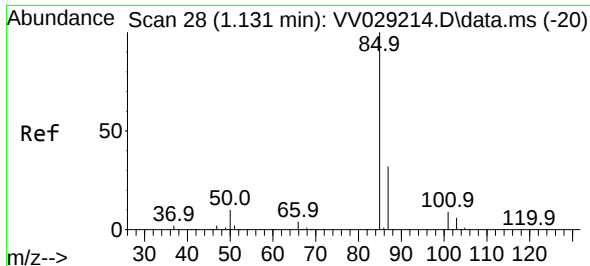
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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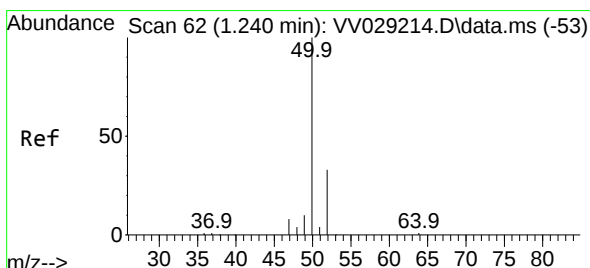
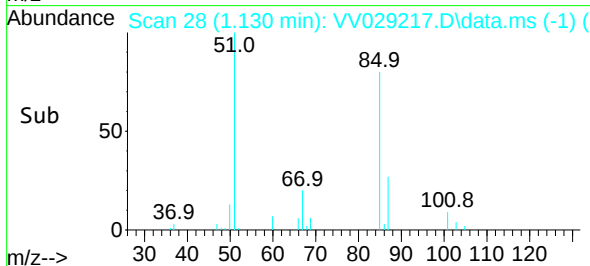
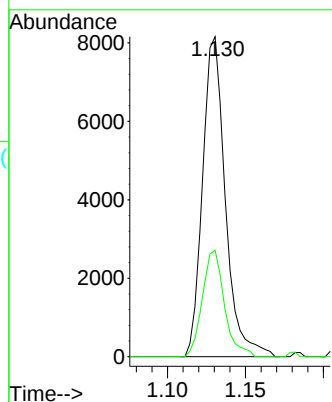
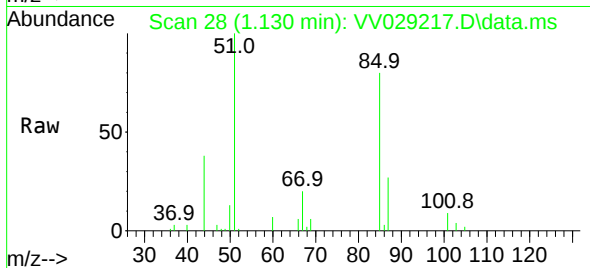




#2
 Dichlorodifluoromethane
 Concen: 0.314 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV029217.D
 Acq: 20 Nov 2022 11:57

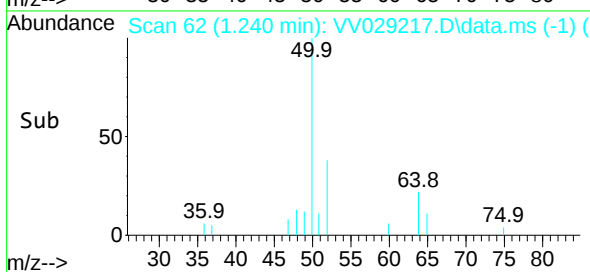
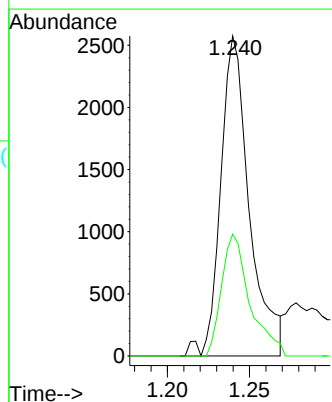
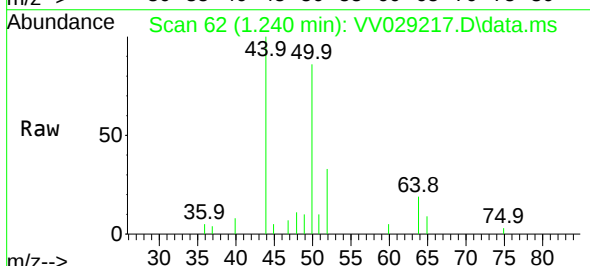
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K9

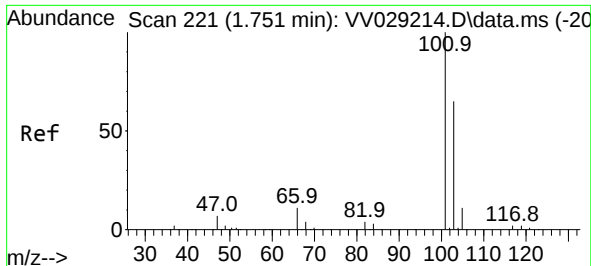
Tgt Ion: 85 Resp: 8276
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.0 37.4



#3
 Chloromethane
 Concen: 0.143 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029217.D
 Acq: 20 Nov 2022 11:57

Tgt Ion: 50 Resp: 3133
 Ion Ratio Lower Upper
 50 100
 52 38.1 23.7 43.9

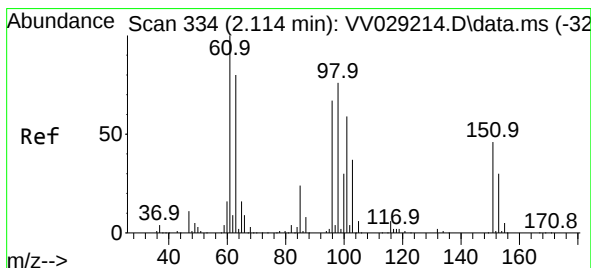
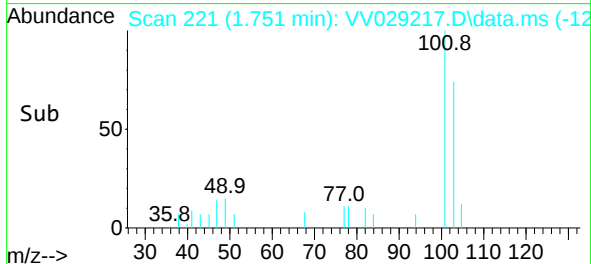
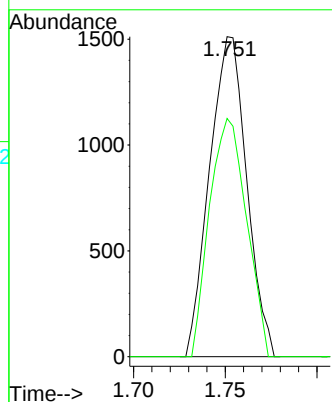
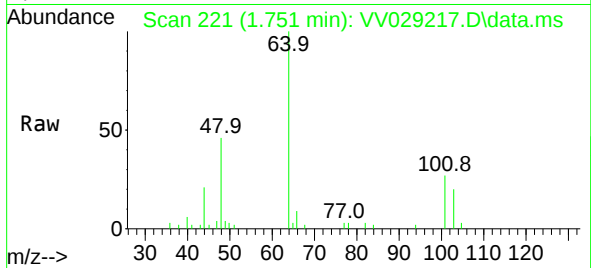




#9
 Trichlorofluoromethane
 Concen: 0.063 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029217.D
 Acq: 20 Nov 2022 11:57

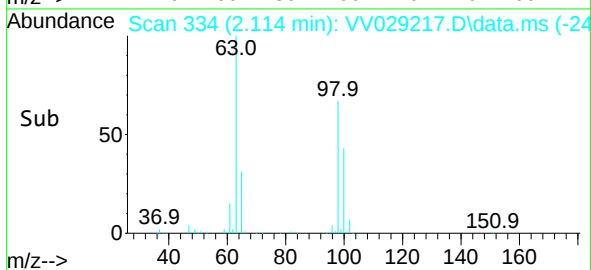
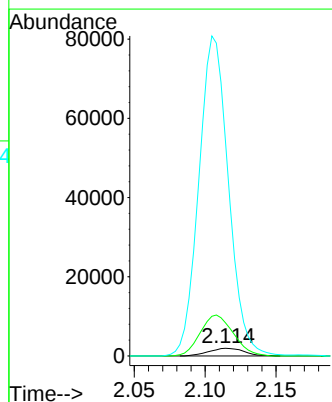
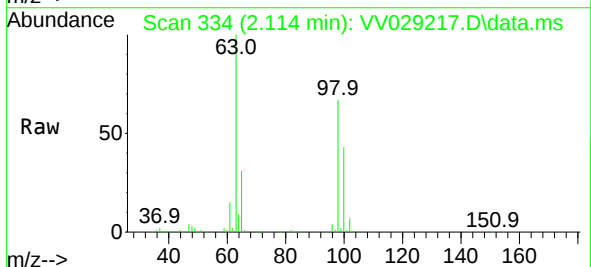
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1K9

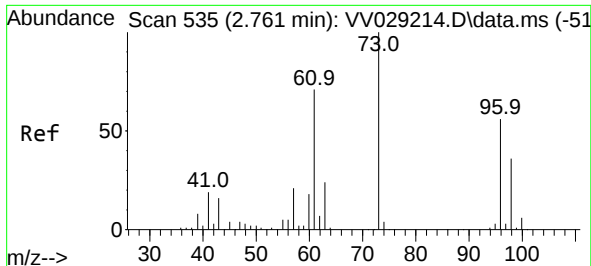
Tgt Ion:101 Resp: 2131
 Ion Ratio Lower Upper
 101 100
 103 74.1 51.3 76.9



#12
 1,1-Dichloroethene
 Concen: 0.175 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029217.D
 Acq: 20 Nov 2022 11:57

Tgt Ion: 96 Resp: 3350
 Ion Ratio Lower Upper
 96 100
 61 433.4 104.2 193.4#
 63 2807.0 75.9 140.9#





#17

Methyl tert-butyl Ether

Concen: 0.455 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV029217.D

Acq: 20 Nov 2022 11:57

Instrument :

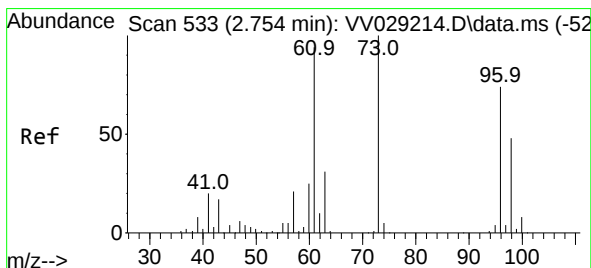
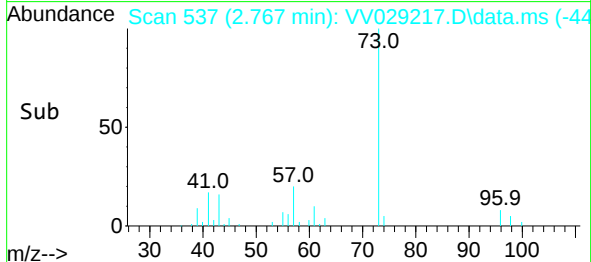
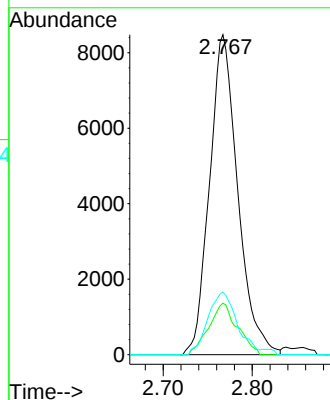
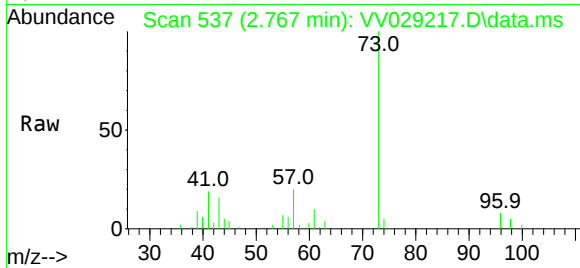
MSVOA_V

ClientSampleId :

BH1K9

Tgt Ion: 73 Resp: 18672

Ion	Ratio	Lower	Upper
73	100		
43	16.3	13.0	19.4
57	20.2	16.6	24.8



#18

trans-1,2-Dichloroethene

Concen: 0.056 ug/L

RT: 2.764 min Scan# 536

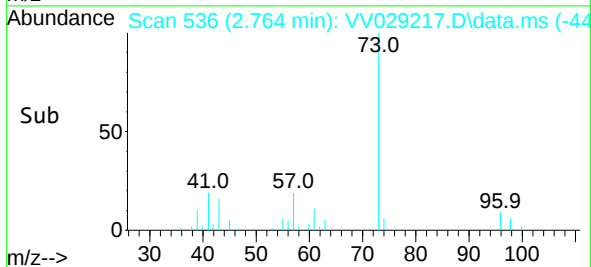
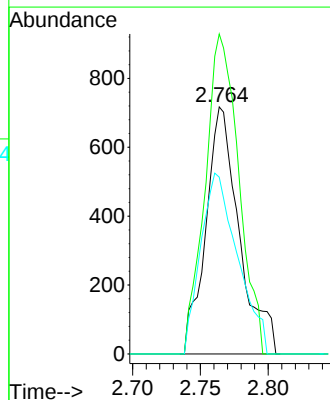
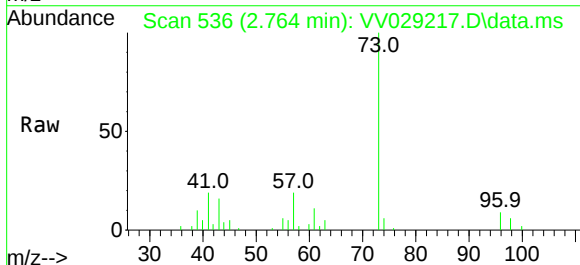
Delta R.T. 0.010 min

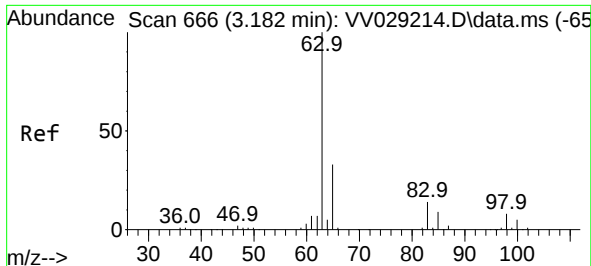
Lab File: VV029217.D

Acq: 20 Nov 2022 11:57

Tgt Ion: 96 Resp: 1233

Ion	Ratio	Lower	Upper
96	100		
61	129.6	91.8	170.6
98	71.5	46.4	86.2

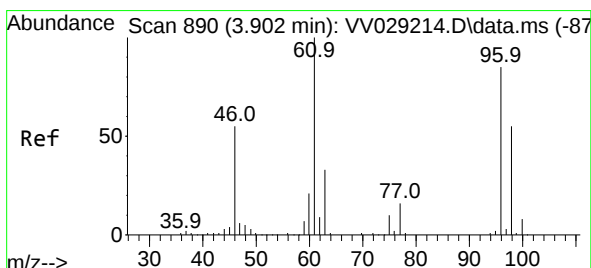
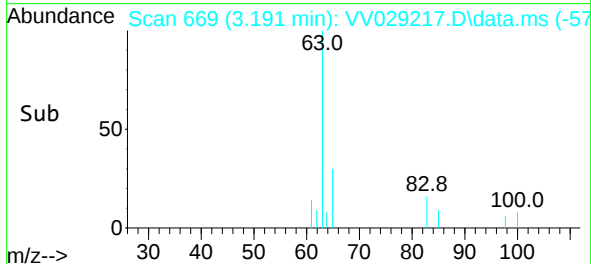
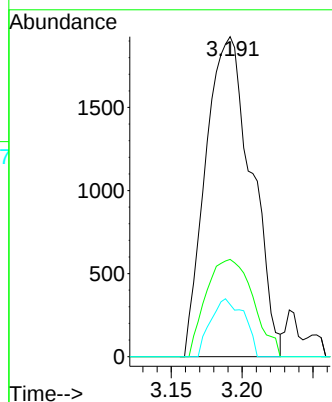
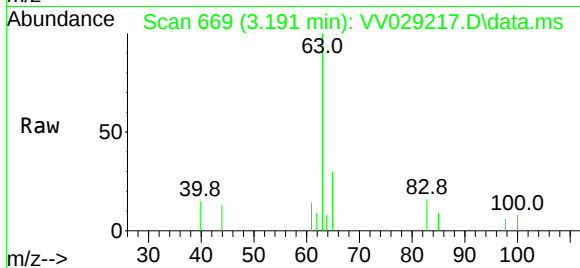




#19
1,1-Dichloroethane
Concen: 0.119 ug/L
RT: 3.191 min Scan# 60
Delta R.T. 0.010 min
Lab File: VV029217.D
Acq: 20 Nov 2022 11:57

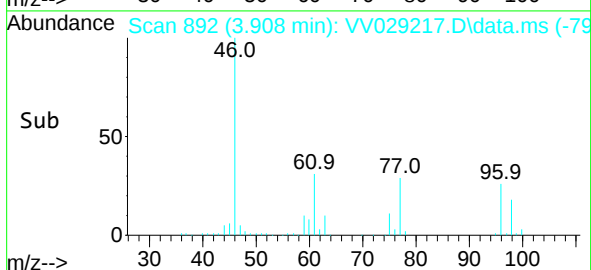
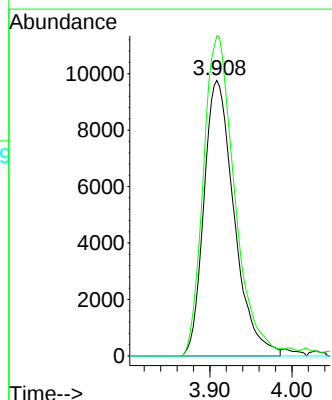
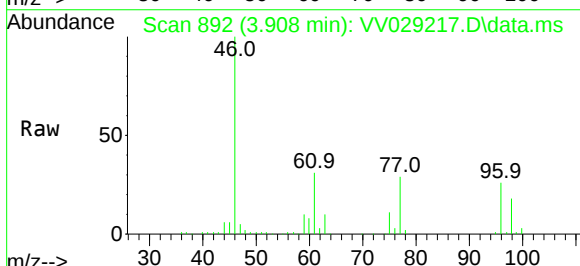
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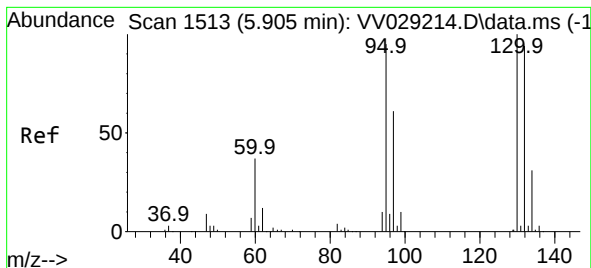
Tgt Ion: 63 Resp: 4337
Ion Ratio Lower Upper
63 100
65 28.2 23.0 42.6
83 15.1 9.4 17.6



#22
cis-1,2-Dichloroethene
Concen: 1.106 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV029217.D
Acq: 20 Nov 2022 11:57

Tgt Ion: 96 Resp: 24970
Ion Ratio Lower Upper
96 100
61 116.1 82.3 152.9
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 16.053 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029217.D

Acq: 20 Nov 2022 11:57

Instrument :

MSVOA_V

ClientSampleId :

BH1K9

Tgt Ion: 95 Resp: 365674

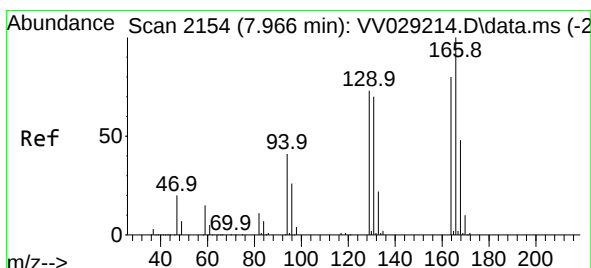
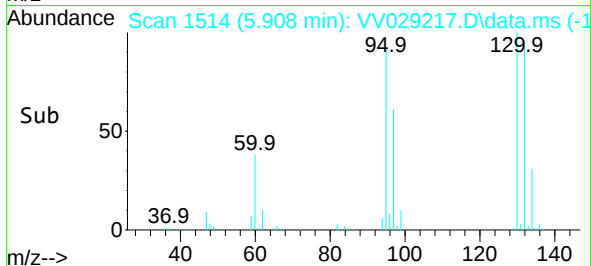
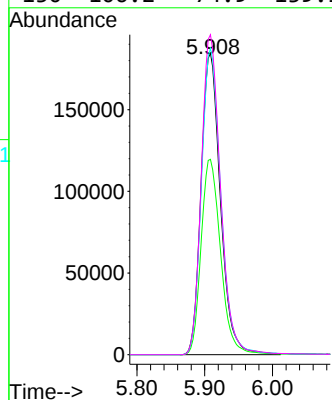
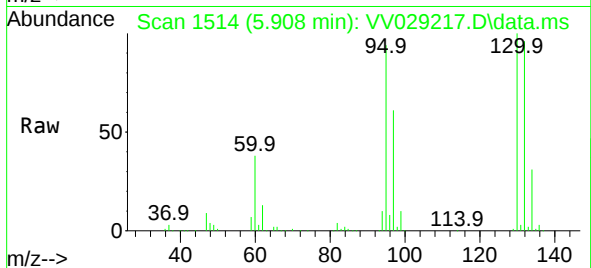
Ion Ratio Lower Upper

95 100

97 64.8 45.6 84.8

132 101.7 69.1 128.3

130 106.2 74.9 139.1



#47

Tetrachloroethene

Concen: 26.627 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029217.D

Acq: 20 Nov 2022 11:57

Tgt Ion: 164 Resp: 485685

Ion Ratio Lower Upper

164 100

129 91.5 63.9 118.7

131 88.6 61.8 114.8

166 128.7 90.2 167.4

