

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028993.D
 Acq On : 15 Nov 2022 16:56
 Operator : SY/MD
 Sample : N5628-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL13

Quant Time: Nov 16 03:20:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

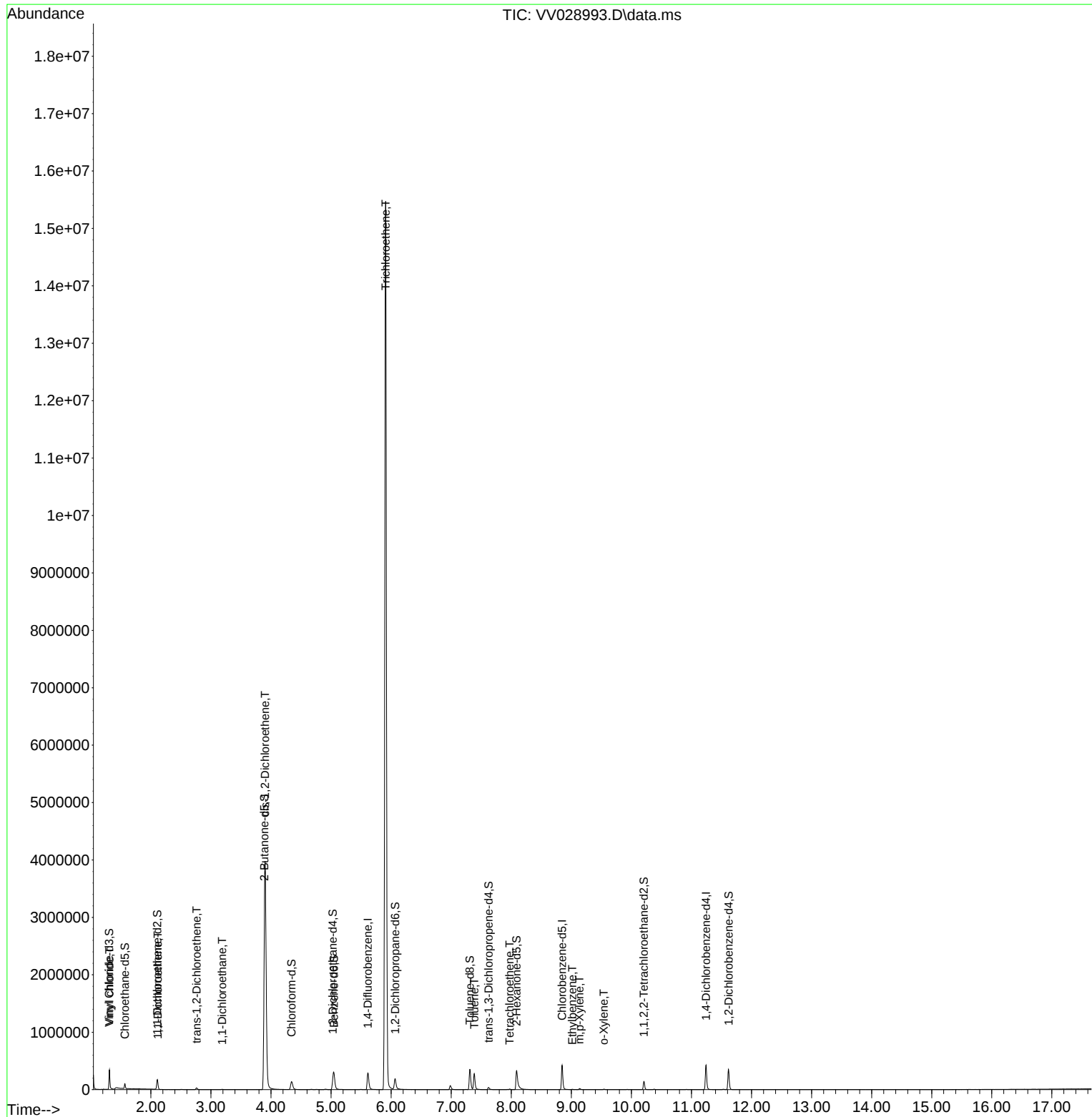
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	282158	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	254545	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	124429	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	51108	2.971	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.400%	
7) Chloroethane-d5	1.568	69	55088	3.643	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.800%	
11) 1,1-Dichloroethene-d2	2.108	63	79592	2.539	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.800%#	
20) 2-Butanone-d5	3.889	46	186767	64.861	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.720%	
24) Chloroform-d	4.342	84	153811	4.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
26) 1,2-Dichloroethane-d4	5.027	65	75219	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
32) Benzene-d6	5.047	84	301923	3.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.066	67	94125	4.436	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.310	98	254183	3.716	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.400%	
43) trans-1,3-Dichloroprop...	7.622	79	25774	3.725	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.088	63	150144	50.834	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.660%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	72642	4.938	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	11.619	152	101288	4.550	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	189495	8.510	ug/L	98
12) 1,1-Dichloroethene	2.117	96	11319	0.663	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	12177	0.615	ug/L	89
19) 1,1-Dichloroethane	3.188	63	5351	0.165	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	2368881	117.620	ug/L	96
34) Trichloroethene	5.908	95	5371332	269.732	ug/L	99
42) Toluene	7.384	91	216448	2.576	ug/L	100
47) Tetrachloroethene	7.973	164	2361	0.148	ug/L	91
52) Ethylbenzene	9.018	91	4552	0.052	ug/L	94
53) m,p-Xylene	9.136	106	6253	0.180	ug/L	95
54) o-Xylene	9.542	106	2473	0.075	ug/L	90

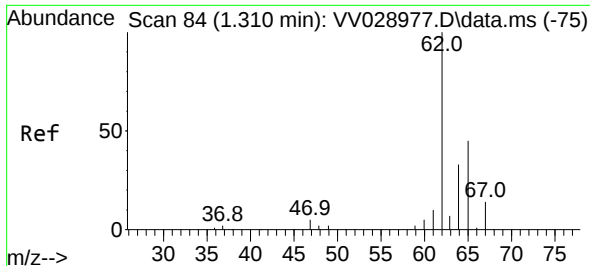
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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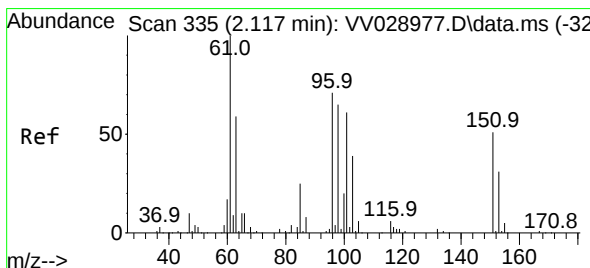
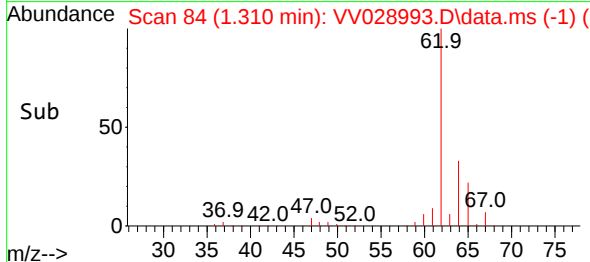
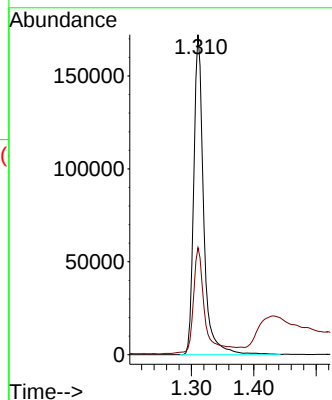
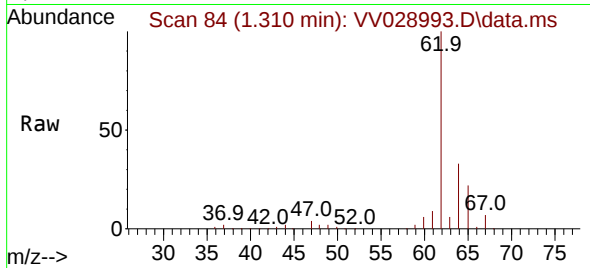




#5
 Vinyl chloride
 Concen: 8.510 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028993.D
 Acq: 15 Nov 2022 16:56

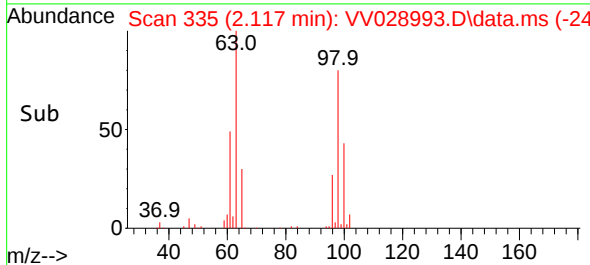
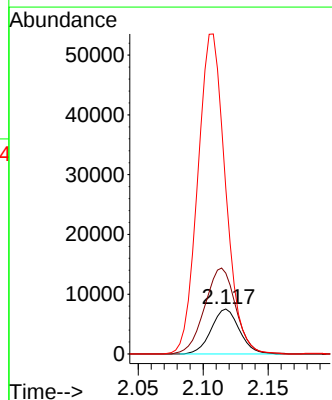
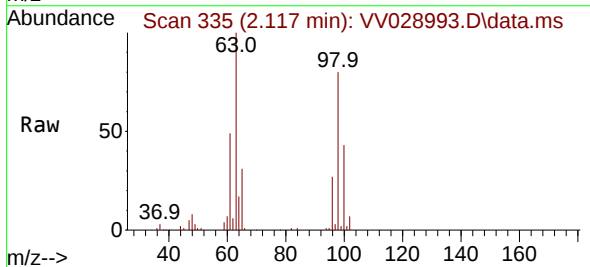
Instrument :
 MSVOA_V
 ClientSampleId :
 COL13

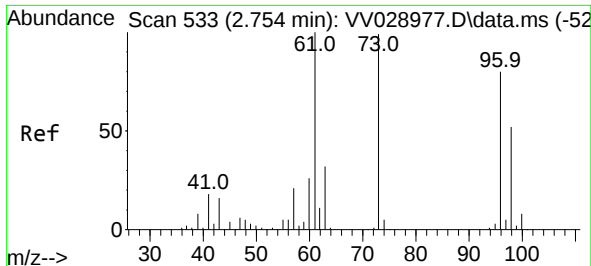
Tgt Ion: 62 Resp: 189495
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.663 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV028993.D
 Acq: 15 Nov 2022 16:56

Tgt Ion: 96 Resp: 11319
 Ion Ratio Lower Upper
 96 100
 61 179.9 104.2 193.4
 63 368.9 75.9 140.9#

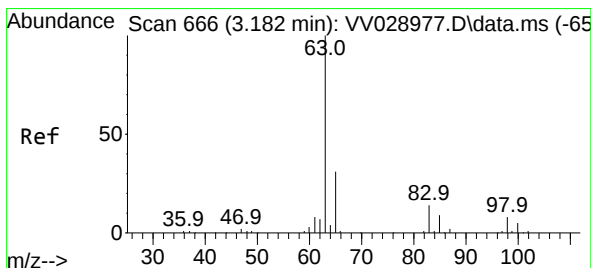
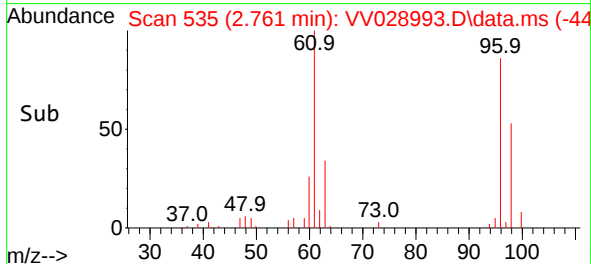
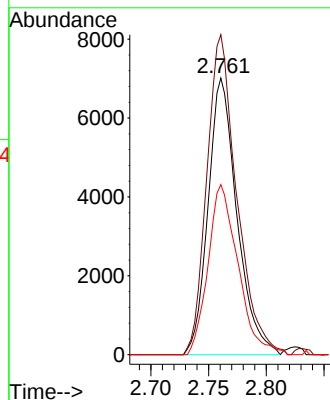
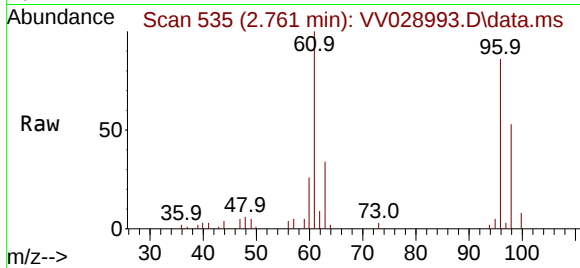




#18
 trans-1,2-Dichloroethene
 Concen: 0.615 ug/L
 RT: 2.761 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VV028993.D
 Acq: 15 Nov 2022 16:56

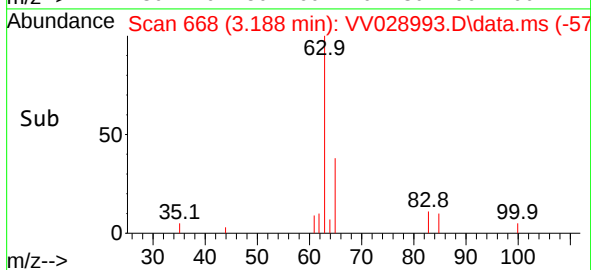
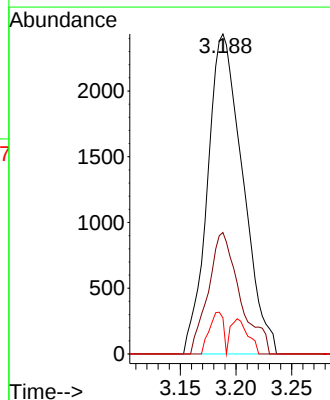
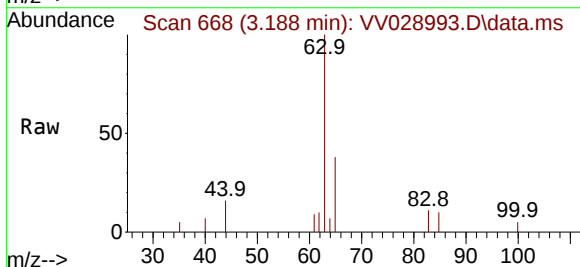
Instrument :
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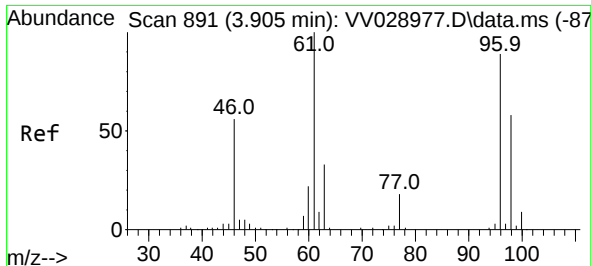
Tgt Ion: 96 Resp: 12177
 Ion Ratio Lower Upper
 96 100
 61 115.7 91.8 170.6
 98 61.5 46.4 86.2



#19
 1,1-Dichloroethane
 Concen: 0.165 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. 0.006 min
 Lab File: VV028993.D
 Acq: 15 Nov 2022 16:56

Tgt Ion: 63 Resp: 5351
 Ion Ratio Lower Upper
 63 100
 65 38.0 23.0 42.6
 83 11.3 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 117.620 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV028993.D

Acq: 15 Nov 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

COL13

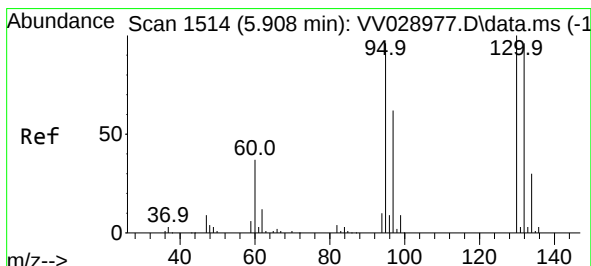
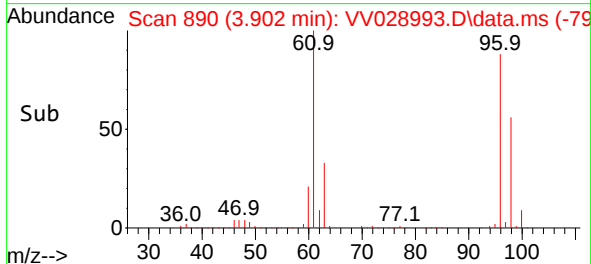
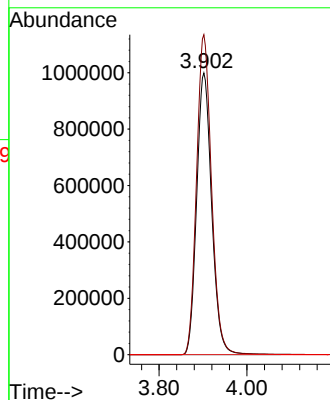
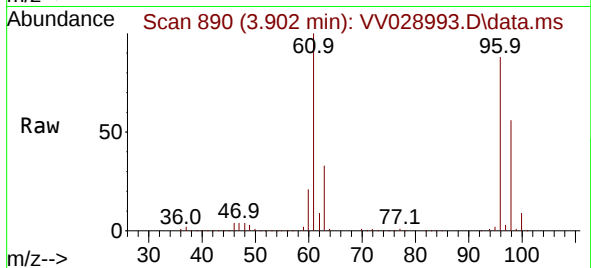
Tgt Ion: 96 Resp: 2368881

Ion Ratio Lower Upper

96 100

61 113.5 82.3 152.9

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 269.732 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VV028993.D

Acq: 15 Nov 2022 16:56

Tgt Ion: 95 Resp: 5371332

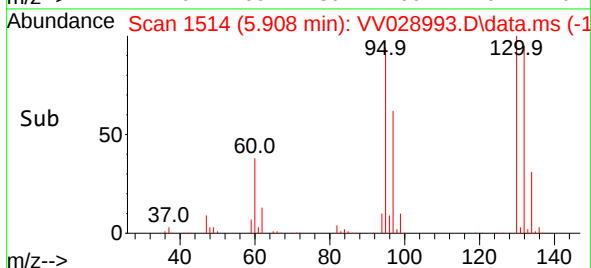
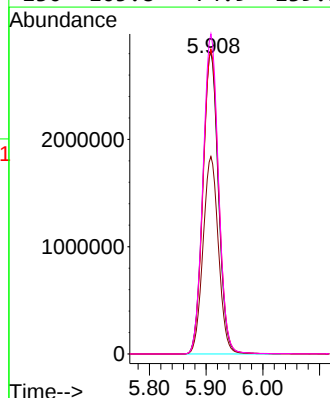
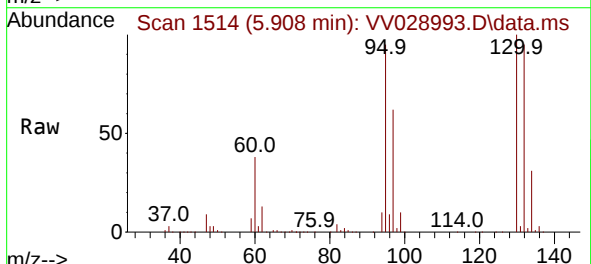
Ion Ratio Lower Upper

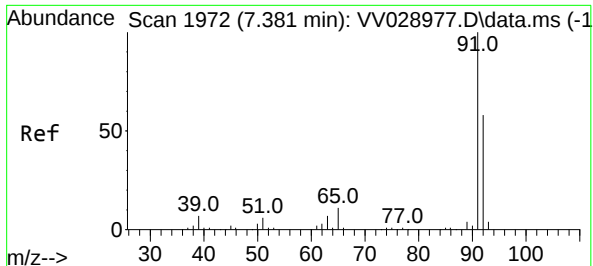
95 100

97 65.3 45.6 84.8

132 100.8 69.1 128.3

130 105.8 74.9 139.1

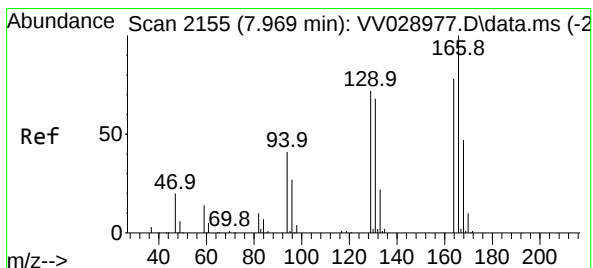
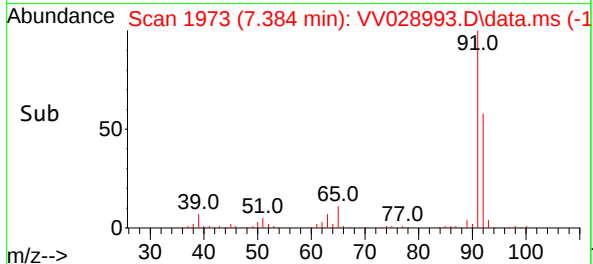
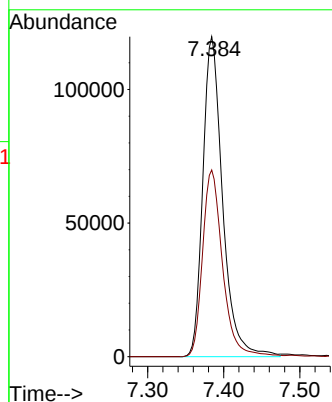
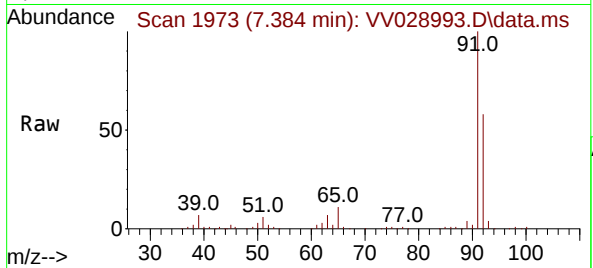




#42
Toluene
Concen: 2.576 ug/L
RT: 7.384 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV028993.D
Acq: 15 Nov 2022 16:56

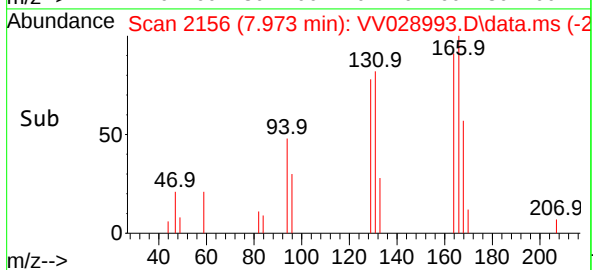
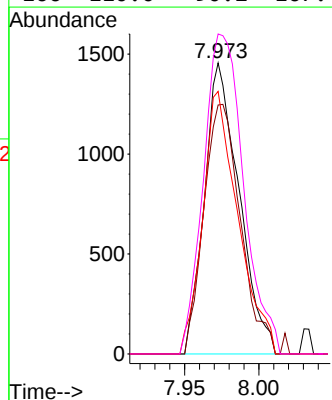
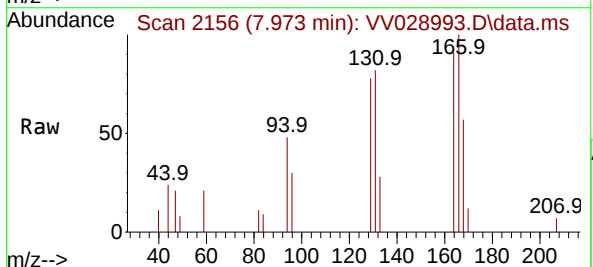
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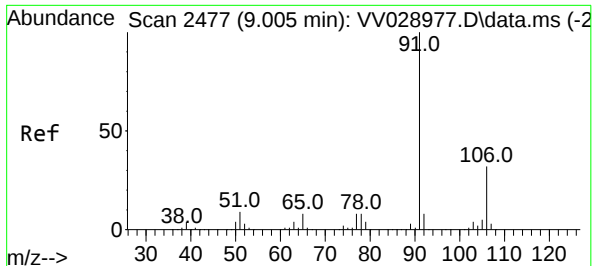
Tgt Ion: 91 Resp: 216448
Ion Ratio Lower Upper
91 100
92 58.4 40.7 75.5



#47
Tetrachloroethene
Concen: 0.148 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028993.D
Acq: 15 Nov 2022 16:56

Tgt Ion: 164 Resp: 2361
Ion Ratio Lower Upper
164 100
129 85.6 63.9 118.7
131 90.2 61.8 114.8
166 110.0 90.2 167.4

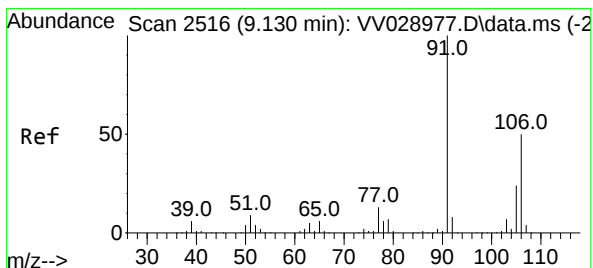
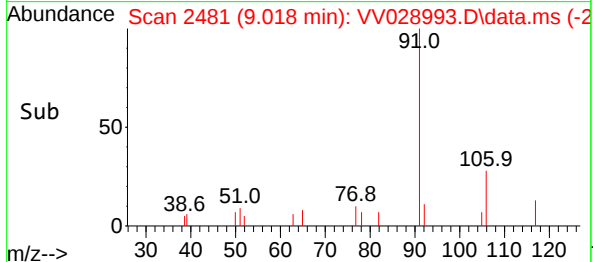
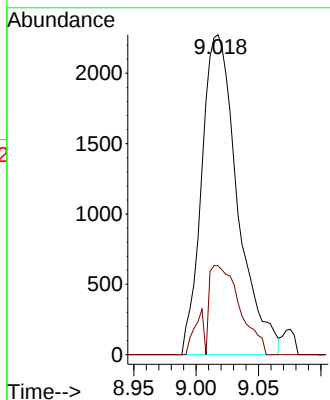
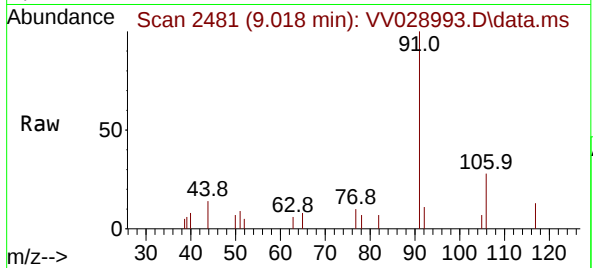




#52
Ethylbenzene
Concen: 0.052 ug/L
RT: 9.018 min Scan# 2477
Delta R.T. 0.013 min
Lab File: VV028993.D
Acq: 15 Nov 2022 16:56

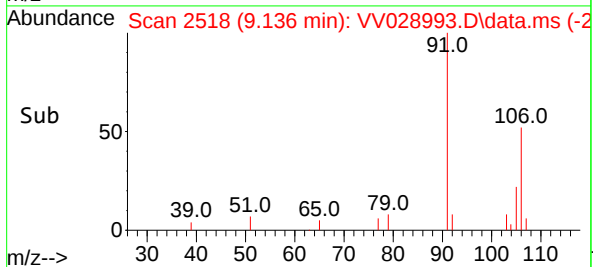
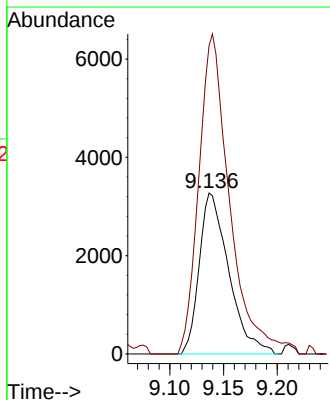
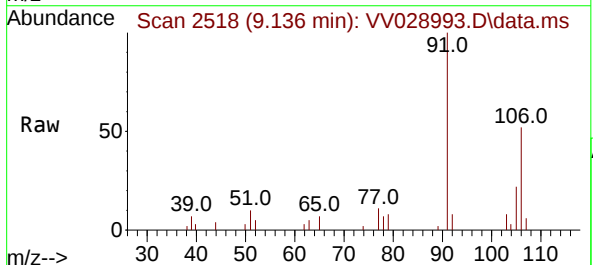
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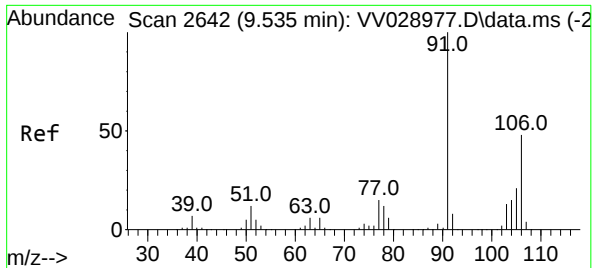
Tgt Ion: 91 Resp: 4552
Ion Ratio Lower Upper
91 100
106 27.8 21.6 40.2



#53
m,p-Xylene
Concen: 0.180 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV028993.D
Acq: 15 Nov 2022 16:56

Tgt Ion: 106 Resp: 6253
Ion Ratio Lower Upper
106 100
91 191.6 139.1 258.3





#54
 o-Xylene
 Concen: 0.075 ug/L
 RT: 9.542 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VV028993.D
 Acq: 15 Nov 2022 16:56

Instrument :
 MSVOA_V
 ClientSampleId :
 COL13

Tgt Ion:106 Resp: 2473
 Ion Ratio Lower Upper
 106 100
 91 192.8 145.7 270.7

