

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091522\
 Data File : VW027868.D
 Acq On : 15 Sep 2022 20:43
 Operator : SY/MD
 Sample : N4652-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ22

Quant Time: Sep 16 01:36:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

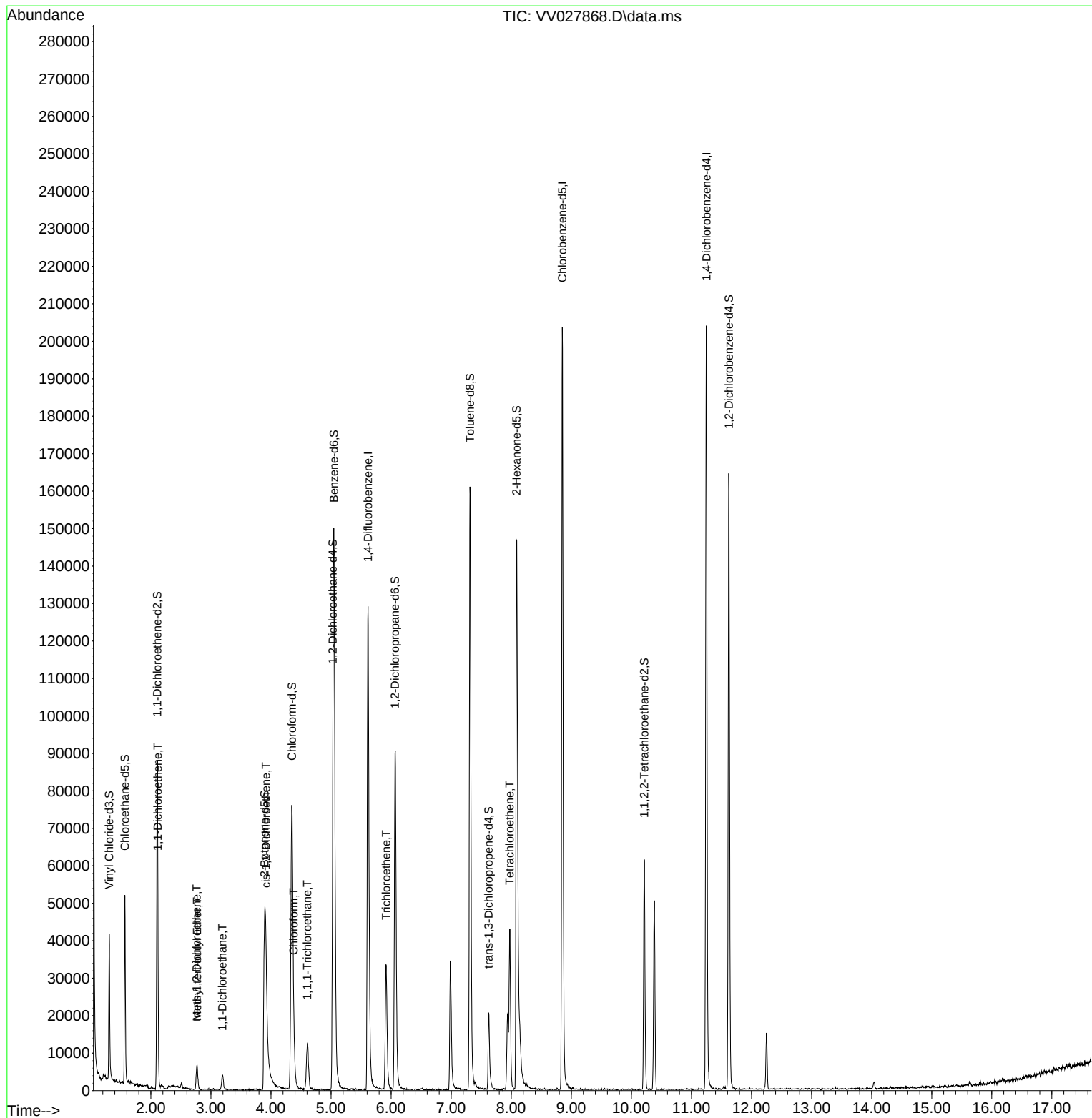
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	118359	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	117942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27162	3.481	ug/L	0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.600%	
7) Chloroethane-d5	1.568	69	31357	4.738	ug/L	0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.108	63	44493	2.688	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	53.800%#	
20) 2-Butanone-d5	3.892	46	66381	38.392	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.780%	
24) Chloroform-d	4.349	84	79001	4.945	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.030	65	42270	4.969	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
32) Benzene-d6	5.050	84	139766	4.085	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
36) 1,2-Dichloropropane-d6	6.066	67	41602	4.153	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.000%	
41) Toluene-d8	7.313	98	113823	3.956	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
43) trans-1,3-Dichloroprop...	7.625	79	13247	3.942	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.800%	
46) 2-Hexanone-d5	8.088	63	53896	43.143	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27462	4.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46269	4.795	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
12) 1,1-Dichloroethene	2.117	96	1456	0.186	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	4152	0.223	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	1125	0.136	ug/L	93
19) 1,1-Dichloroethane	3.191	63	4288	0.276	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	12891	1.428	ug/L #	84
25) Chloroform	4.378	83	9028	0.523	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	10579	0.583	ug/L	96
34) Trichloroethene	5.915	95	11690	1.199	ug/L	94
47) Tetrachloroethene	7.976	164	10450	1.336	ug/L	90

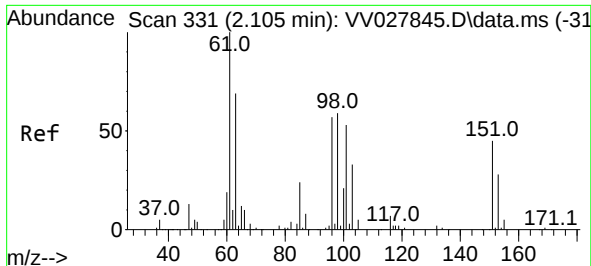
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.186 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV027868.D

Acq: 15 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ22

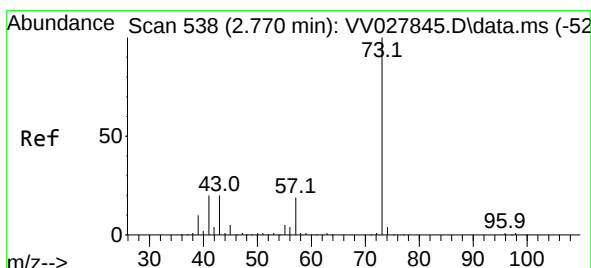
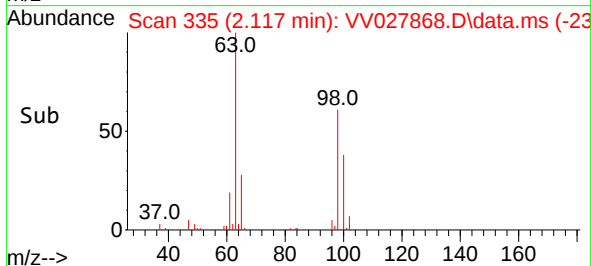
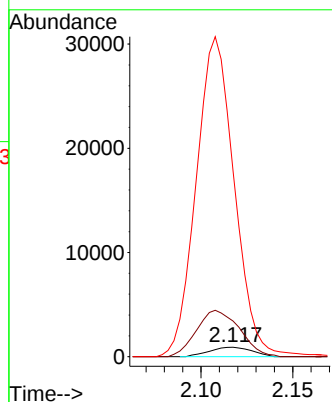
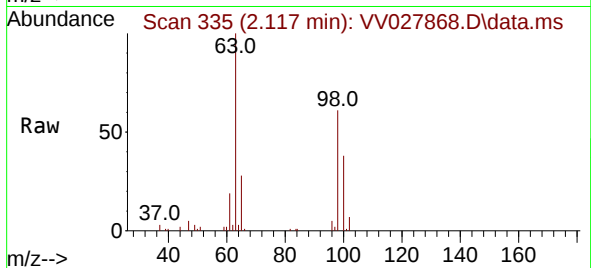
Tgt Ion: 96 Resp: 1456

Ion Ratio Lower Upper

96 100

61 379.9 129.9 241.3#

63 1984.5 94.6 175.8#



#17

Methyl tert-butyl Ether

Concen: 0.223 ug/L

RT: 2.770 min Scan# 538

Delta R.T. -0.000 min

Lab File: VV027868.D

Acq: 15 Sep 2022 20:43

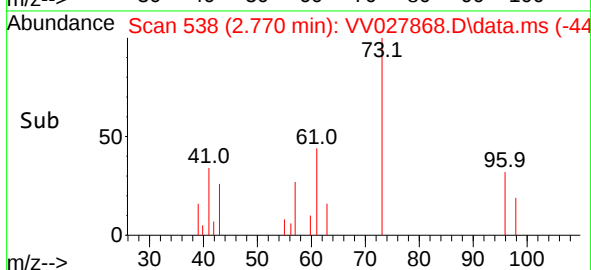
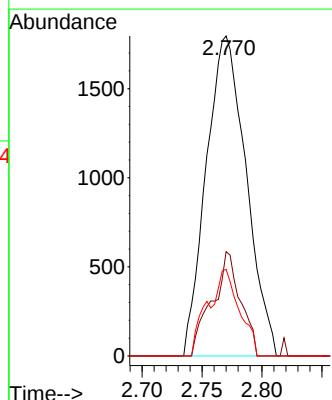
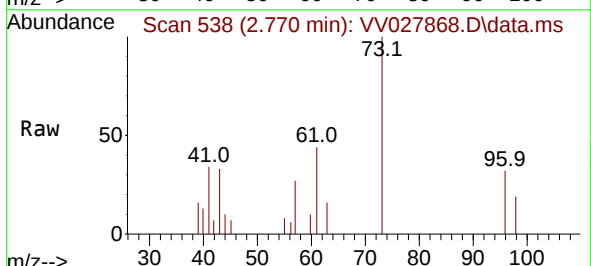
Tgt Ion: 73 Resp: 4152

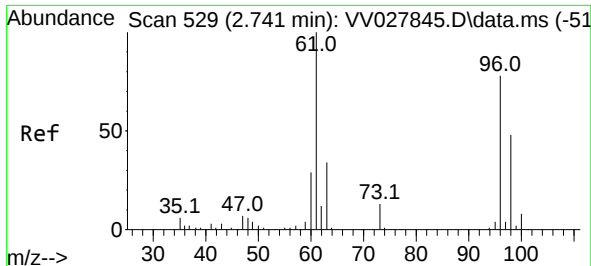
Ion Ratio Lower Upper

73 100

43 23.1 17.5 26.3

57 21.3 16.9 25.3

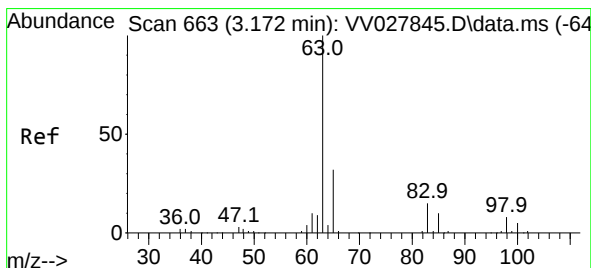
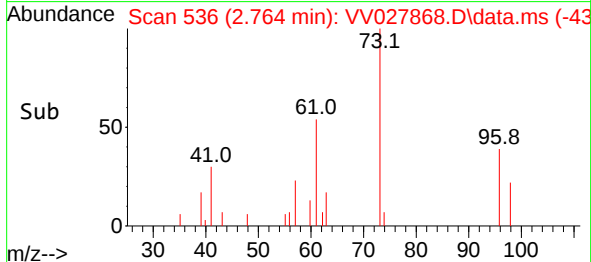
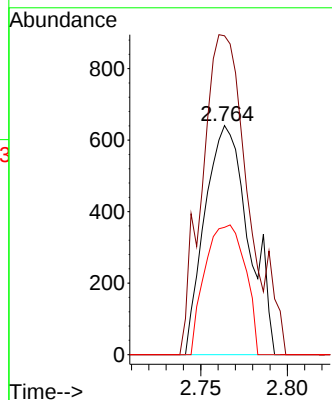
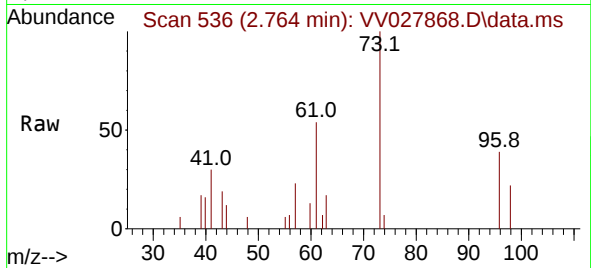




#18
trans-1,2-Dichloroethene
Concen: 0.136 ug/L
RT: 2.764 min Scan# 511
Delta R.T. 0.022 min
Lab File: VV027868.D
Acq: 15 Sep 2022 20:43

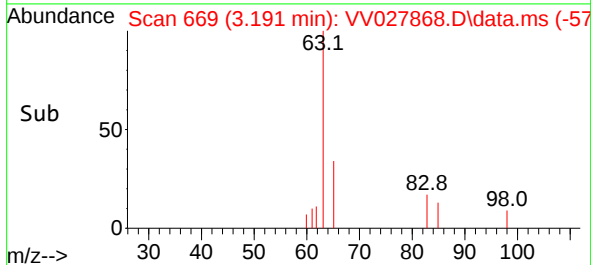
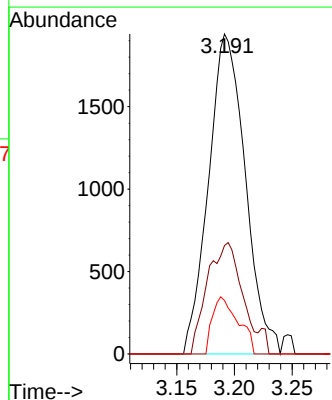
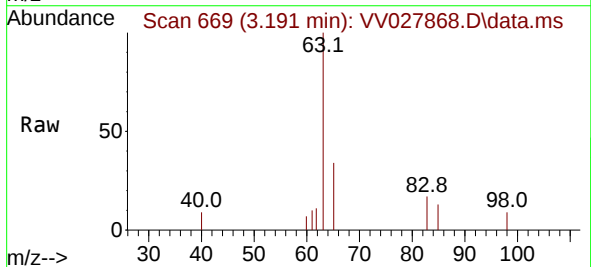
Instrument :
MSVOA_V
ClientSampleId :
EXZ22

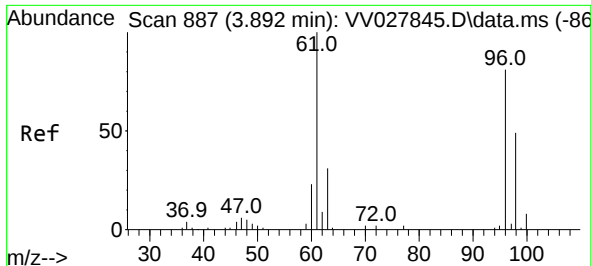
Tgt Ion: 96 Resp: 1125
Ion Ratio Lower Upper
96 100
61 139.2 102.6 190.5
98 55.5 44.0 81.8



#19
1,1-Dichloroethane
Concen: 0.276 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.019 min
Lab File: VV027868.D
Acq: 15 Sep 2022 20:43

Tgt Ion: 63 Resp: 4288
Ion Ratio Lower Upper
63 100
65 33.9 22.0 41.0
83 16.7 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 1.428 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.022 min

Lab File: VV027868.D

Acq: 15 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ22

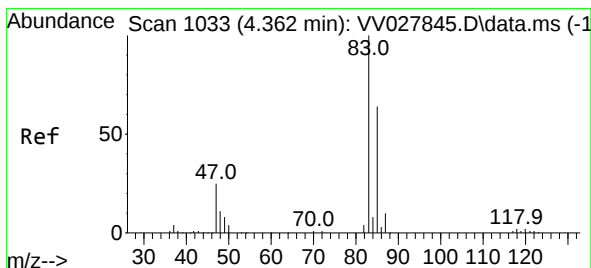
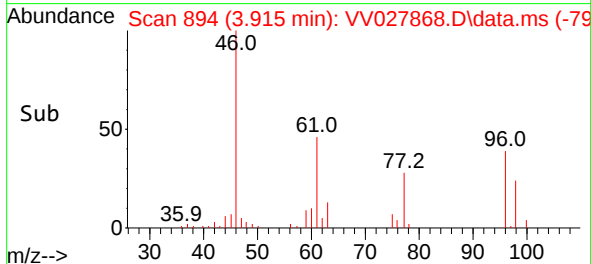
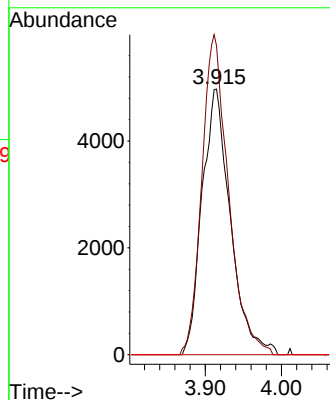
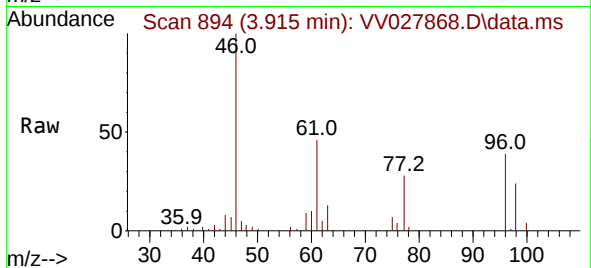
Tgt Ion: 96 Resp: 12891

Ion Ratio Lower Upper

96 100

61 116.3 94.6 175.6

68 0.0 0.3 0.5#



#25

Chloroform

Concen: 0.523 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.016 min

Lab File: VV027868.D

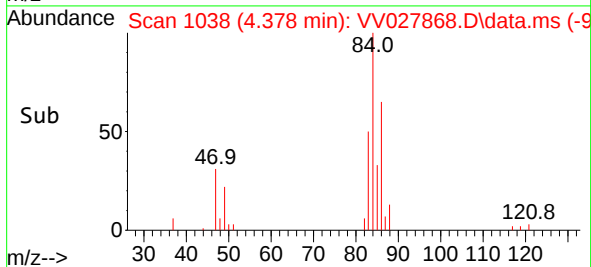
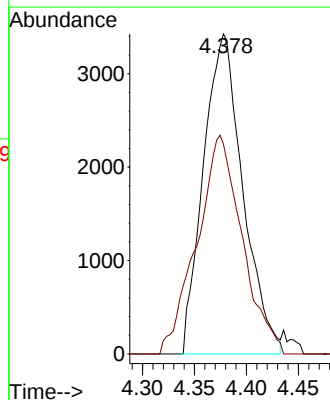
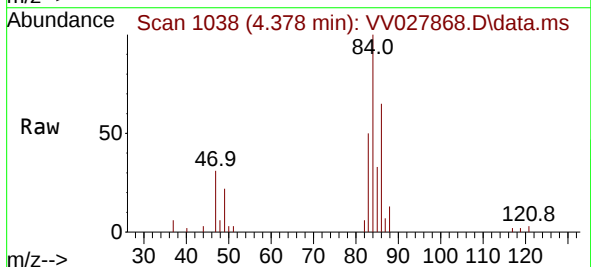
Acq: 15 Sep 2022 20:43

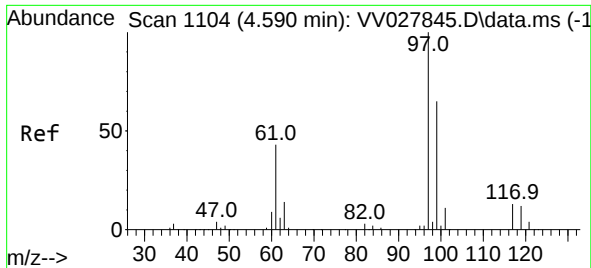
Tgt Ion: 83 Resp: 9028

Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.2





#29

1,1,1-Trichloroethane

Concen: 0.583 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.016 min

Lab File: VV027868.D

Acq: 15 Sep 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

EXZ22

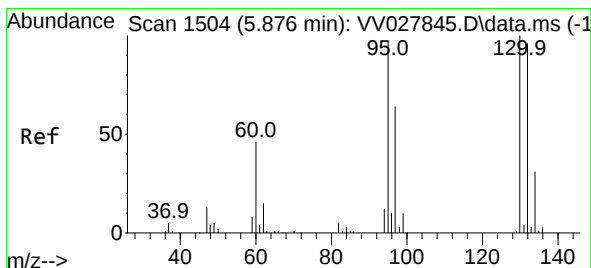
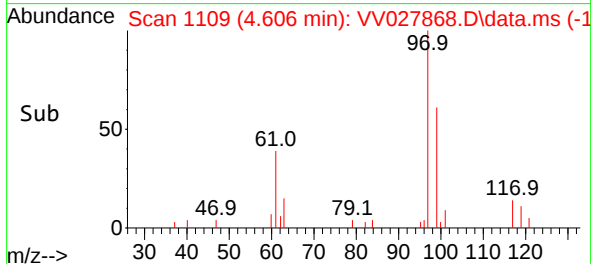
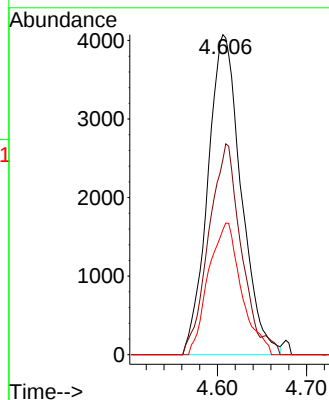
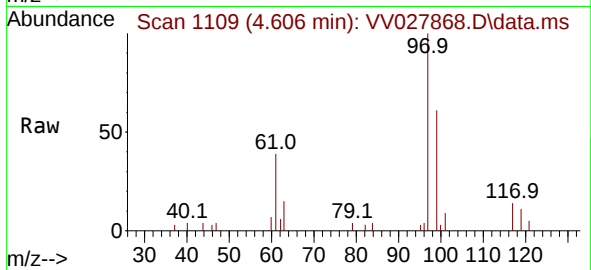
Tgt Ion: 97 Resp: 10579

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 40.5 36.2 54.4



#34

Trichloroethene

Concen: 1.199 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.038 min

Lab File: VV027868.D

Acq: 15 Sep 2022 20:43

Tgt Ion: 95 Resp: 11690

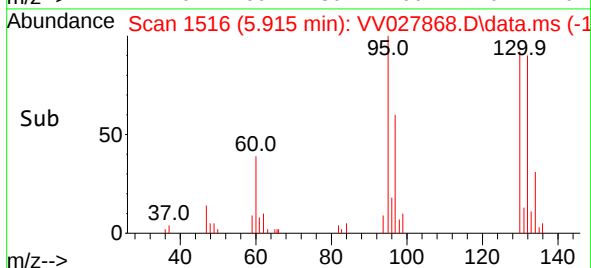
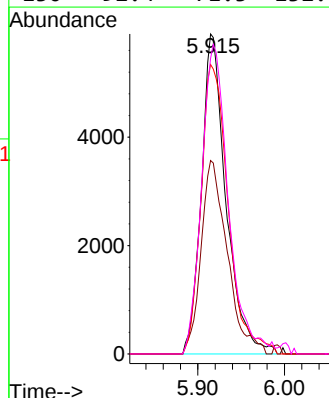
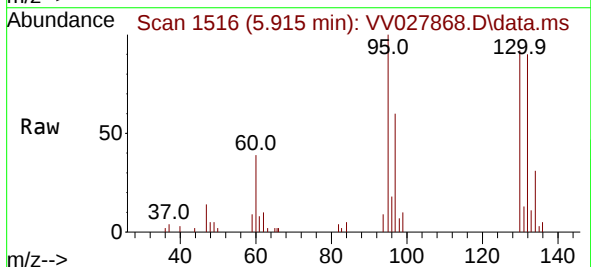
Ion Ratio Lower Upper

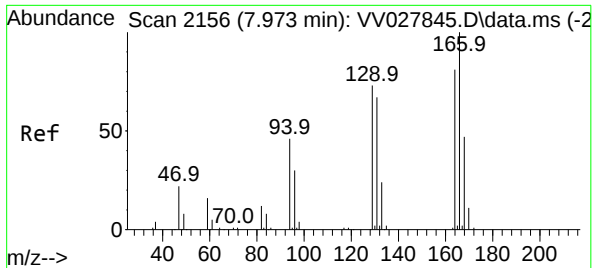
95 100

97 60.4 42.9 79.7

132 90.5 67.9 126.1

130 92.4 71.3 132.3





#47
 Tetrachloroethene
 Concen: 1.336 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027868.D
 Acq: 15 Sep 2022 20:43

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	164	Resp:	10450
Ion	Ratio	Lower	Upper
164	100		
129	84.1	67.2	124.8
131	80.9	61.5	114.3
166	117.2	91.1	169.3

