

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028236.D
 Acq On : 30 Sep 2022 19:03
 Operator : SY/MD
 Sample : N4873-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54

Quant Time: Sep 30 23:02:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

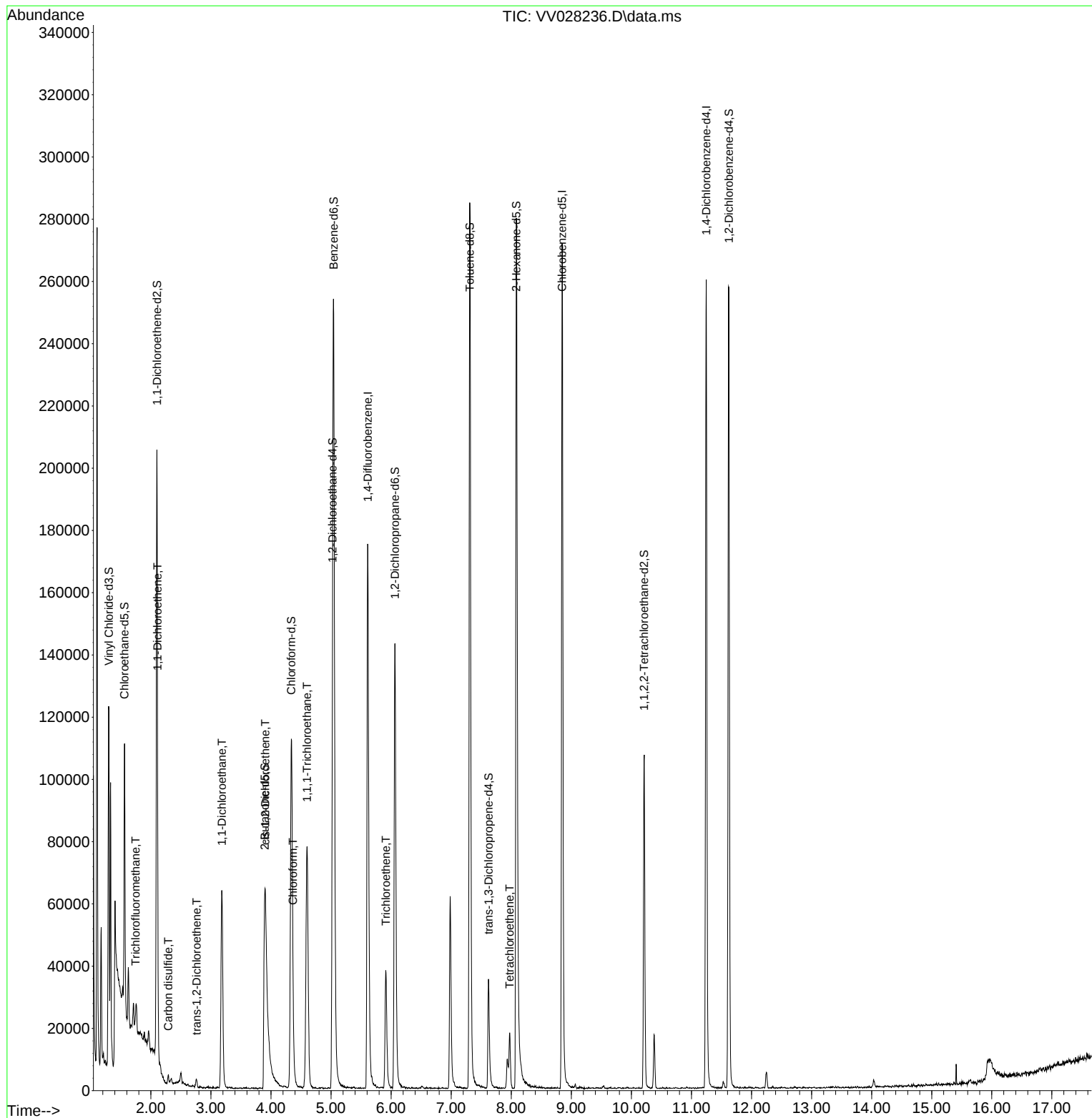
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	162633	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	162920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	63697	3.778	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.561	69	56992	4.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.101	63	97210	3.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.896	46	130247	45.757	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.520%
24) Chloroform-d	4.339	84	124041	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.024	65	57571	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.043	84	240310	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.063	67	72093	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.310	98	204413	4.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.622	79	22437	3.730	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.085	63	105156	41.882	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51575	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	74856	5.058	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
9) Trichlorofluoromethane	1.748	101	2537	0.127	ug/L	90
12) 1,1-Dichloroethene	2.111	96	6550	0.583	ug/L #	1
14) Carbon disulfide	2.288	76	2054	0.095	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	1129	0.115	ug/L	97
19) 1,1-Dichloroethane	3.182	63	64592	3.009	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	8079	0.626	ug/L	89
25) Chloroform	4.365	83	3966	0.172	ug/L #	74
29) 1,1,1-Trichloroethane	4.600	97	66711	3.333	ug/L	97
34) Trichloroethene	5.912	95	13770	1.223	ug/L	95
47) Tetrachloroethene	7.973	164	4112	0.457	ug/L	89

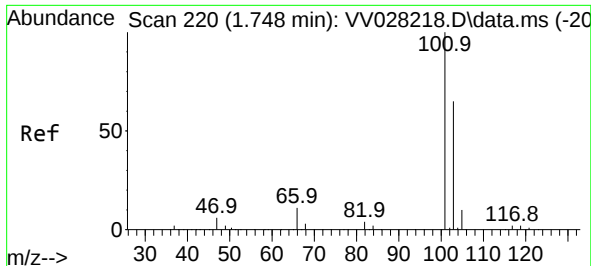
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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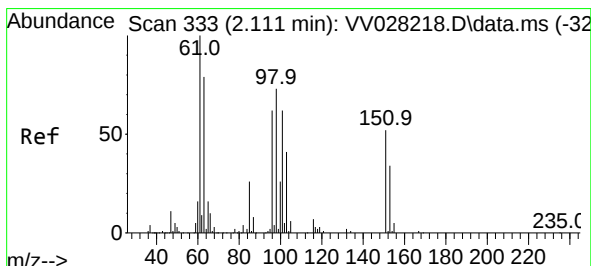
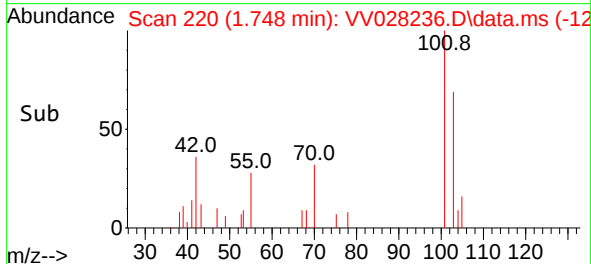
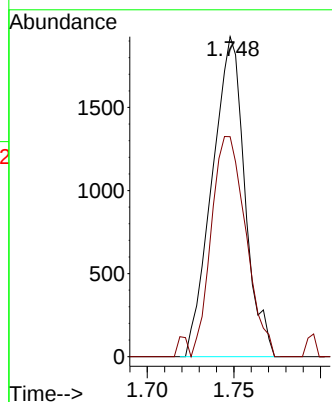
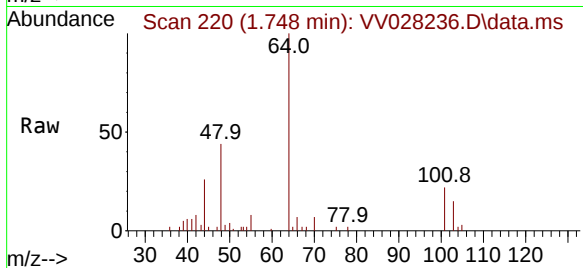




#9
 Trichlorofluoromethane
 Concen: 0.127 ug/L
 RT: 1.748 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028236.D
 Acq: 30 Sep 2022 19:03

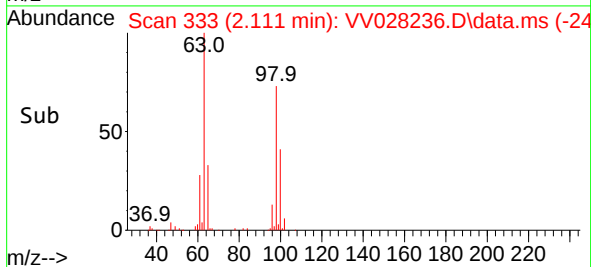
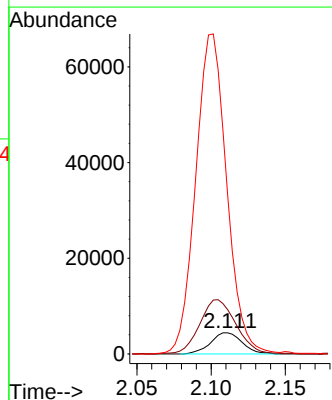
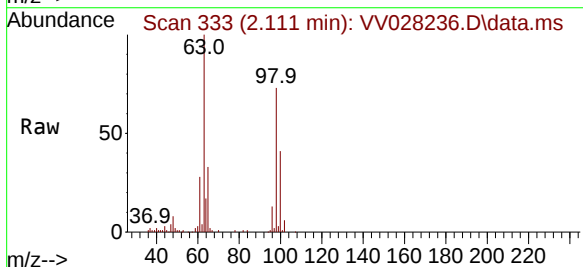
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ54

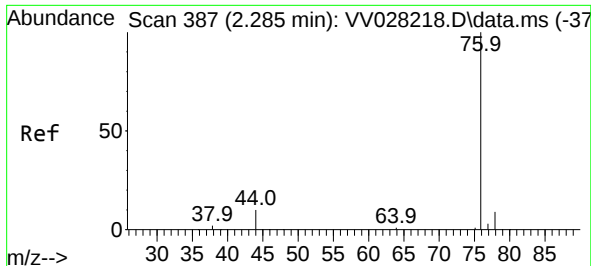
Tgt Ion:101 Resp: 2537
 Ion Ratio Lower Upper
 101 100
 103 72.3 51.4 77.0



#12
 1,1-Dichloroethene
 Concen: 0.583 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028236.D
 Acq: 30 Sep 2022 19:03

Tgt Ion: 96 Resp: 6550
 Ion Ratio Lower Upper
 96 100
 61 208.0 128.3 238.3
 63 745.1 112.7 209.3#

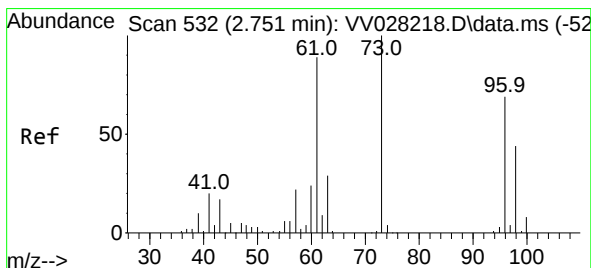
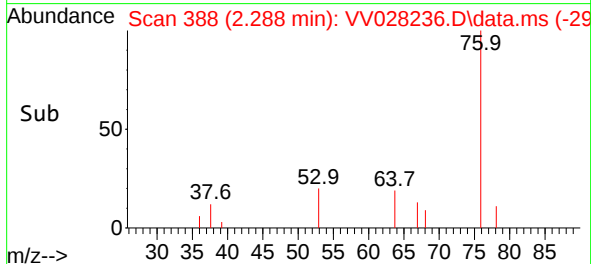
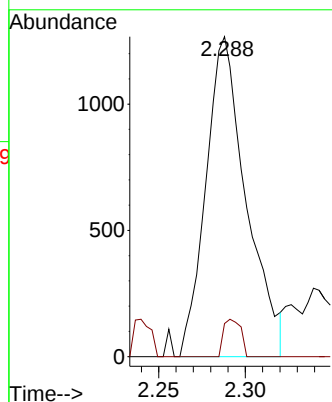
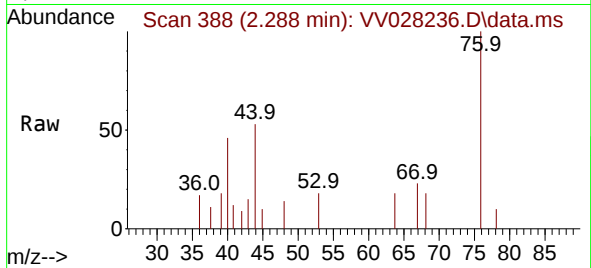




#14
Carbon disulfide
Concen: 0.095 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028236.D
Acq: 30 Sep 2022 19:03

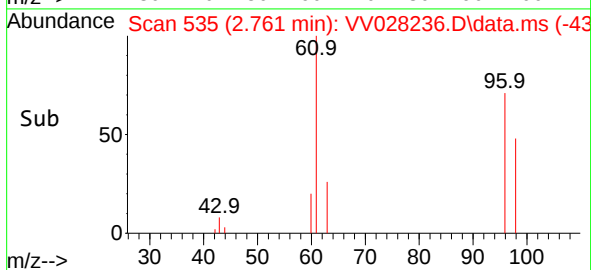
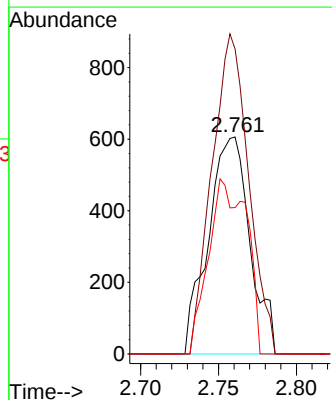
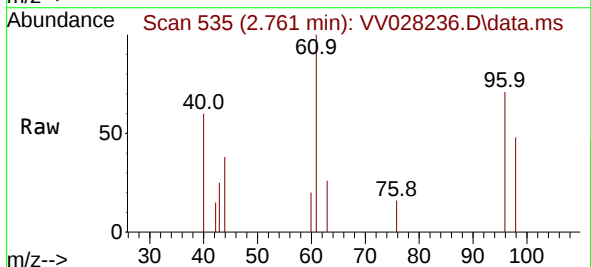
Instrument :
MSVOA_V
ClientSampleId :
EXZ54

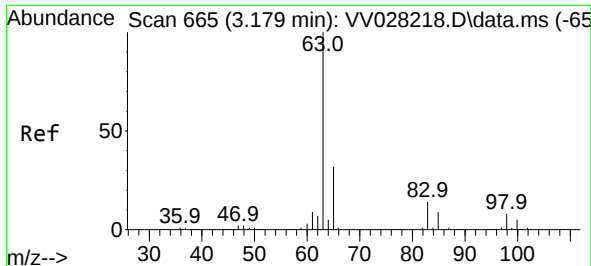
Tgt Ion: 76 Resp: 2054
Ion Ratio Lower Upper
76 100
78 10.3 7.6 11.4



#18
trans-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV028236.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 96 Resp: 1129
Ion Ratio Lower Upper
96 100
61 140.6 96.2 178.6
98 67.5 45.7 84.9





#19

1,1-Dichloroethane

Concen: 3.009 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV028236.D

Acq: 30 Sep 2022 19:03

Instrument :

MSVOA_V

ClientSampleId :

EXZ54

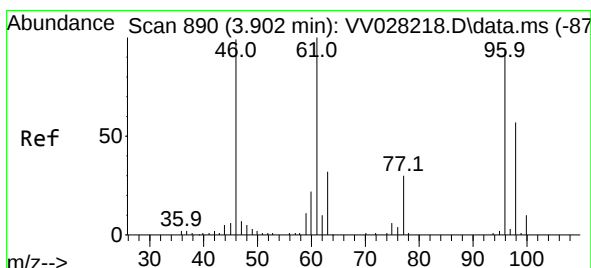
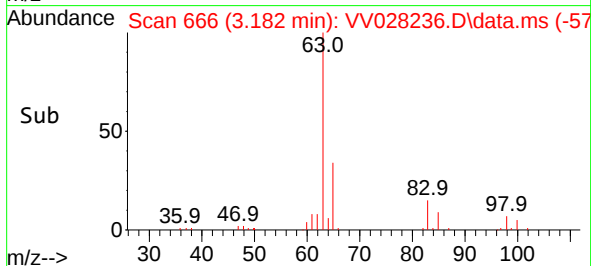
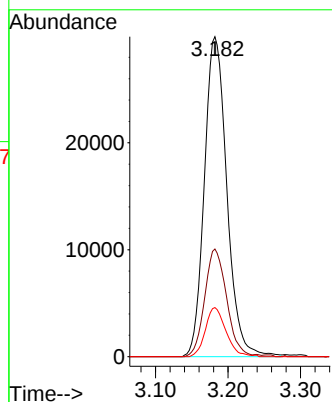
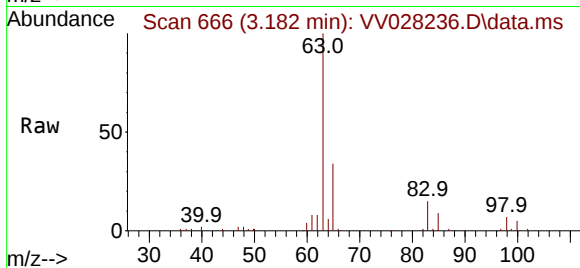
Tgt Ion: 63 Resp: 64592

Ion Ratio Lower Upper

63 100

65 33.7 23.0 42.8

83 15.4 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 0.626 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV028236.D

Acq: 30 Sep 2022 19:03

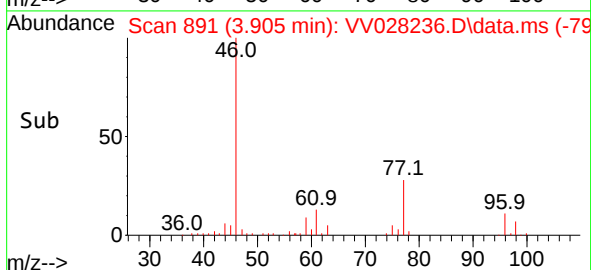
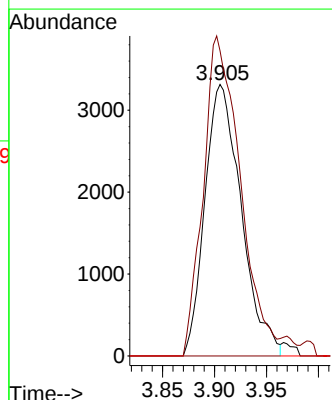
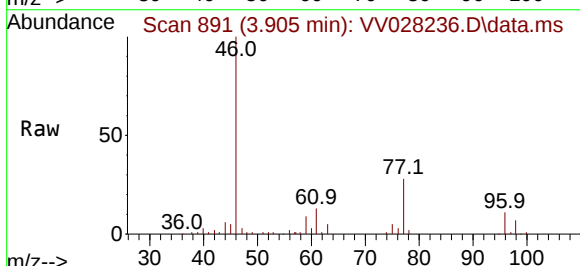
Tgt Ion: 96 Resp: 8079

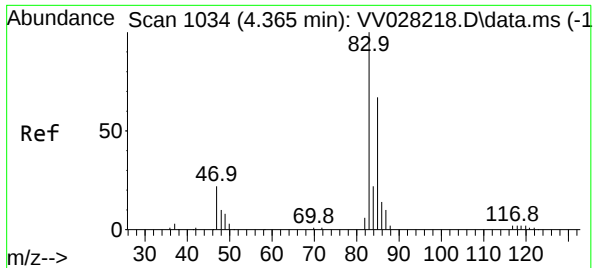
Ion Ratio Lower Upper

96 100

61 112.4 87.2 161.9

68 0.0 0.0 0.0

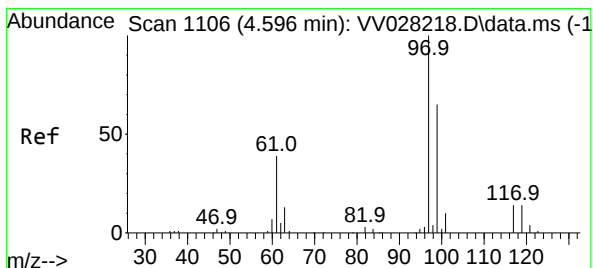
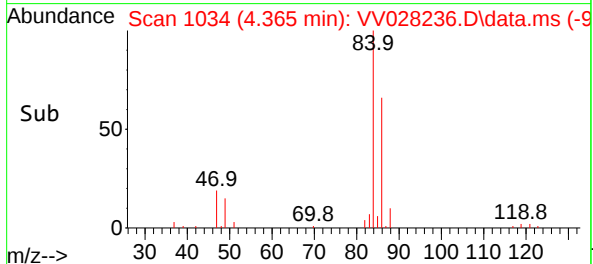
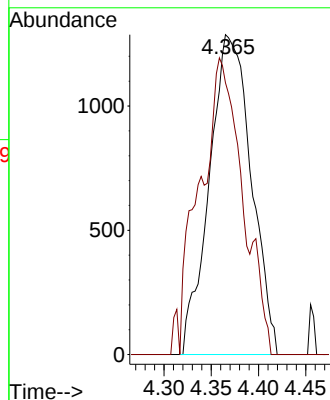
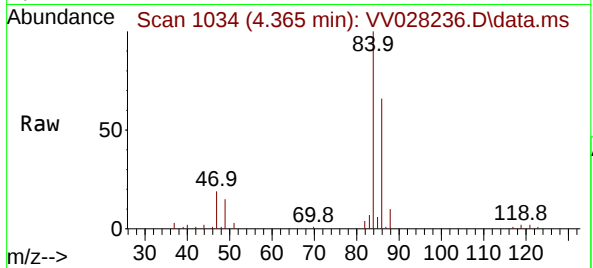




#25
Chloroform
Concen: 0.172 ug/L
RT: 4.365 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV028236.D
Acq: 30 Sep 2022 19:03

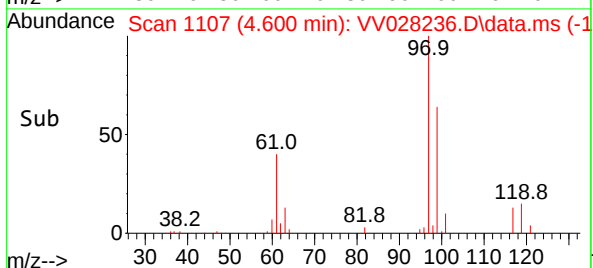
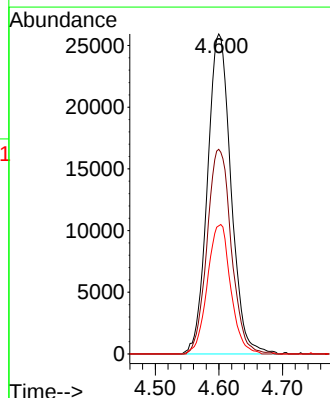
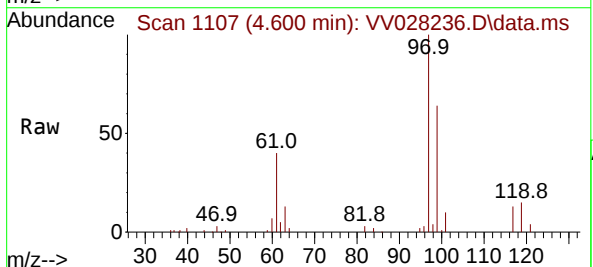
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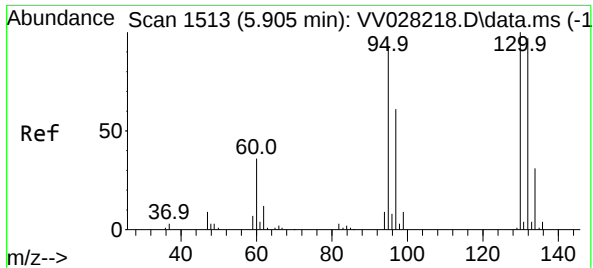
Tgt Ion: 83 Resp: 3966
Ion Ratio Lower Upper
83 100
85 84.9 45.1 83.7#



#29
1,1,1-Trichloroethane
Concen: 3.333 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV028236.D
Acq: 30 Sep 2022 19:03

Tgt Ion: 97 Resp: 66711
Ion Ratio Lower Upper
97 100
99 65.7 51.9 77.9
61 40.0 34.8 52.2



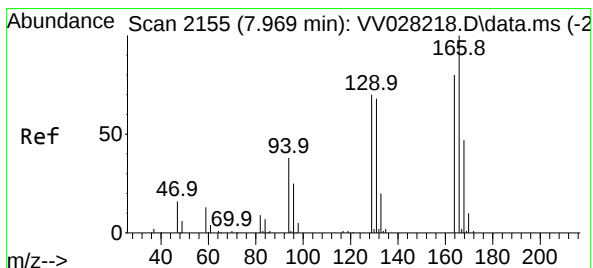
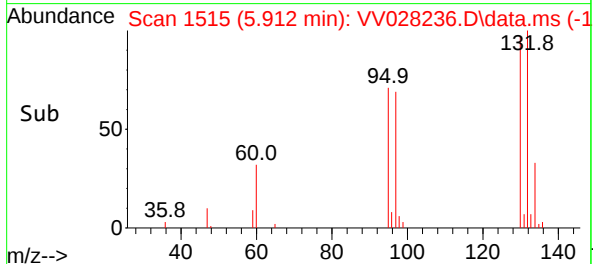
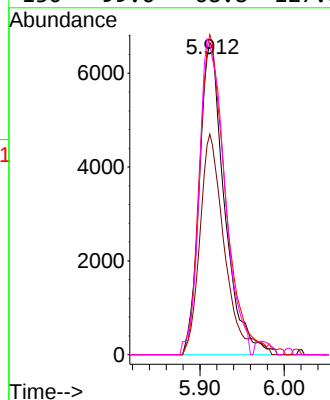
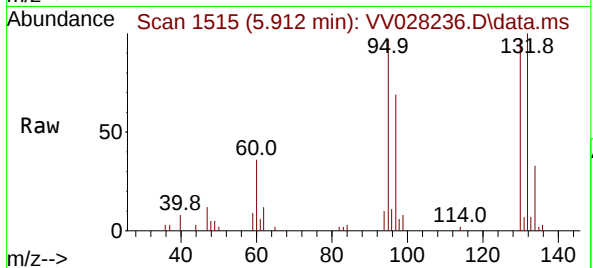


#34
 Trichloroethene
 Concen: 1.223 ug/L
 RT: 5.912 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VV028236.D
 Acq: 30 Sep 2022 19:03

Instrument :
 MSVOA_V
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Tgt Ion: 95 Resp: 13770

Ion	Ratio	Lower	Upper
95	100		
97	70.7	44.2	82.0
132	102.6	67.8	126.0
130	99.6	68.8	127.8



#47
 Tetrachloroethene
 Concen: 0.457 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. 0.003 min
 Lab File: VV028236.D
 Acq: 30 Sep 2022 19:03

Tgt Ion: 164 Resp: 4112

Ion	Ratio	Lower	Upper
164	100		
129	98.8	66.7	123.9
131	86.5	61.7	114.5
166	157.0	90.9	168.9

