

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091722\
 Data File : VW027908.D
 Acq On : 17 Sep 2022 18:35
 Operator : SY/MD
 Sample : N4652-01DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYZ9DL

Quant Time: Sep 19 02:34:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:25:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	151138	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72579	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57754	4.787	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.568	69	44999	5.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.108	63	70247	3.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.889	46	98226	52.714	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	4.346	84	106697	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.031	65	57006	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.047	84	199533	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.066	67	53876	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.313	98	169442	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.622	79	20980	4.624	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.088	63	70682	46.973	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35209	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	67382	5.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%

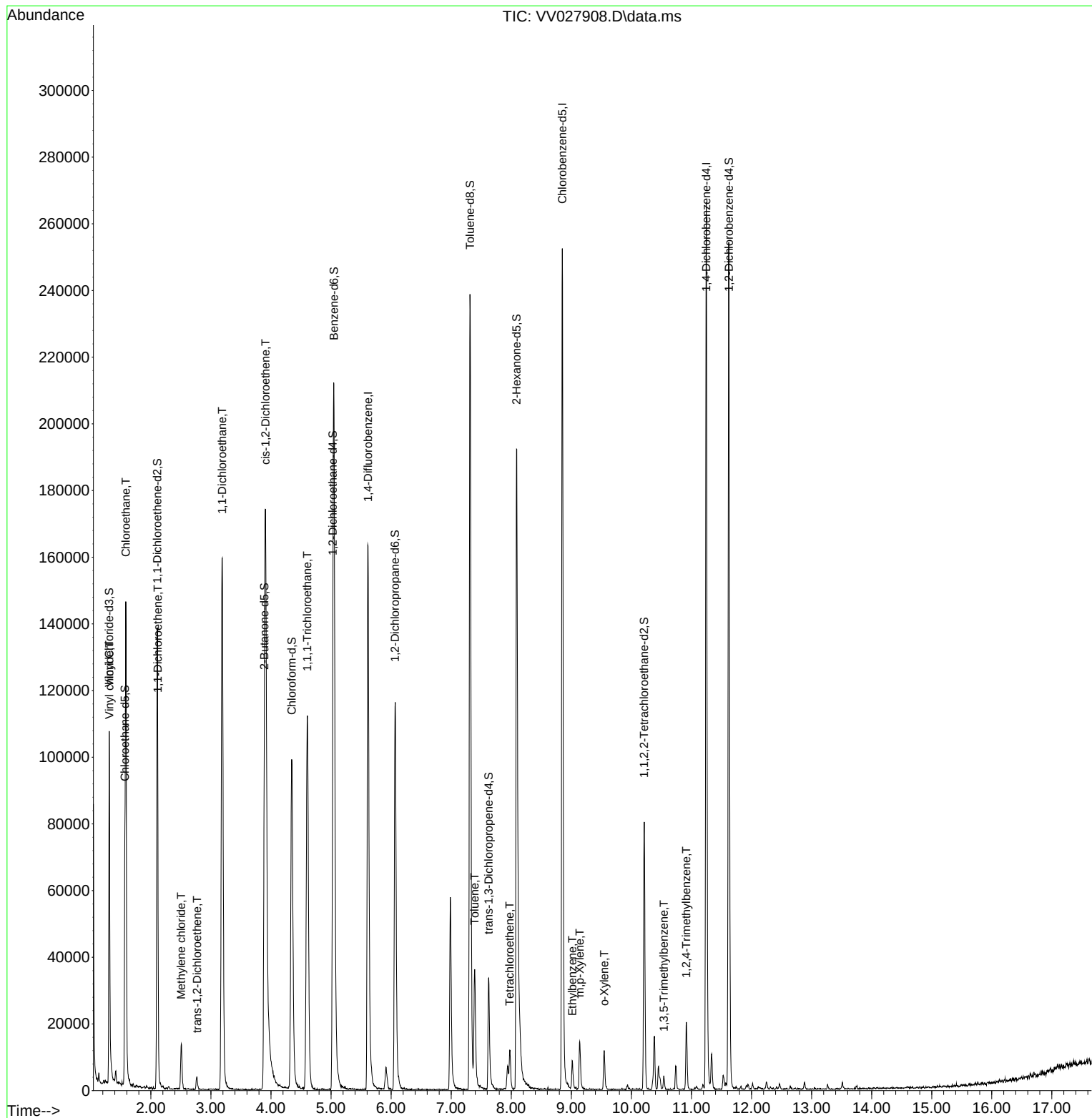
Target Compounds					Qvalue	
5) Vinyl chloride	1.310	62	20354	1.876	ug/L	94
8) Chloroethane	1.584	64	79450	12.842	ug/L	97
12) 1,1-Dichloroethene	2.114	96	1677	0.202	ug/L #	1
16) Methylene chloride	2.506	84	5854	0.546	ug/L	89
18) trans-1,2-Dichloroethene	2.770	96	1527	0.164	ug/L	79
19) 1,1-Dichloroethane	3.185	63	159641	9.137	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	72474	6.901	ug/L #	86
29) 1,1,1-Trichloroethane	4.606	97	97250	5.058	ug/L	97
42) Toluene	7.391	91	29656	0.704	ug/L	98
47) Tetrachloroethene	7.976	164	3090	0.357	ug/L	84
52) Ethylbenzene	9.014	91	6623	0.145	ug/L	95
53) m,p-Xylene	9.140	106	4624	0.255	ug/L	94
54) o-Xylene	9.548	106	3302	0.187	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	2909	0.234	ug/L	90
63) 1,2,4-Trimethylbenzene	10.915	105	11974	0.343	ug/L	100

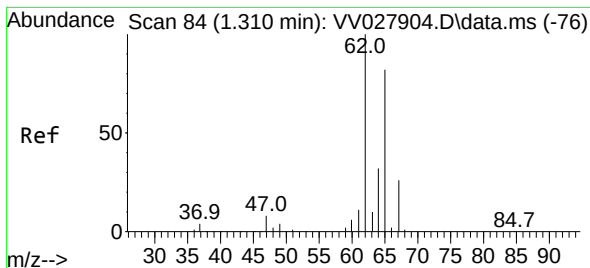
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 19 02:25:21 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.876 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV027908.D

Acq: 17 Sep 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

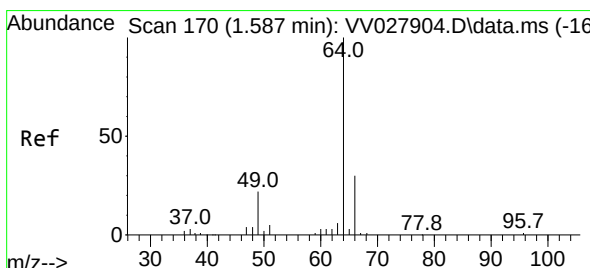
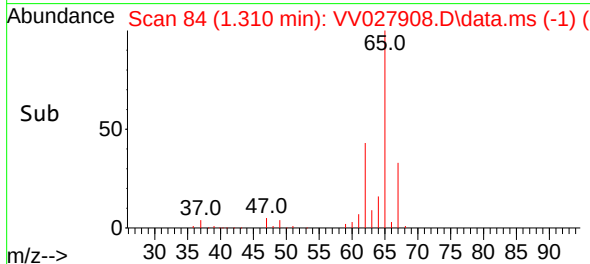
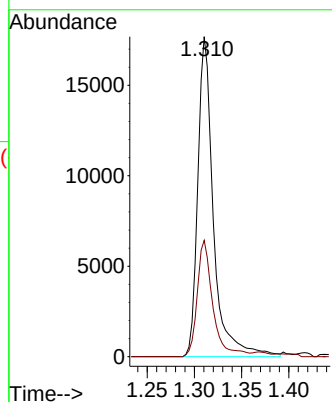
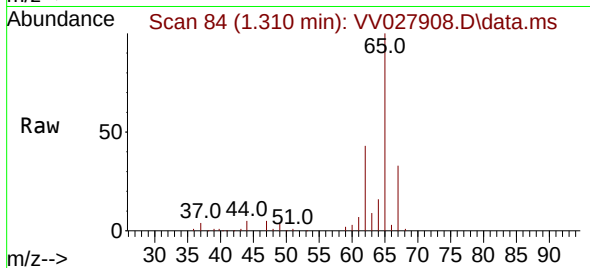
XYZ9DL

Tgt Ion: 62 Resp: 20354

Ion Ratio Lower Upper

62 100

64 36.4 23.2 43.2



#8

Chloroethane

Concen: 12.842 ug/L

RT: 1.584 min Scan# 169

Delta R.T. 0.000 min

Lab File: VV027908.D

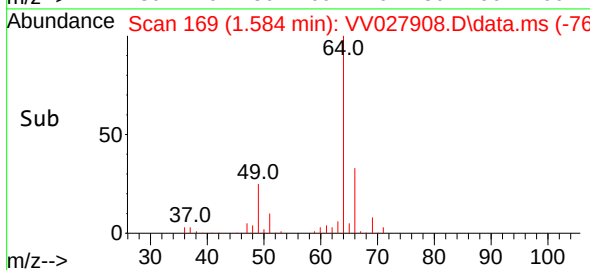
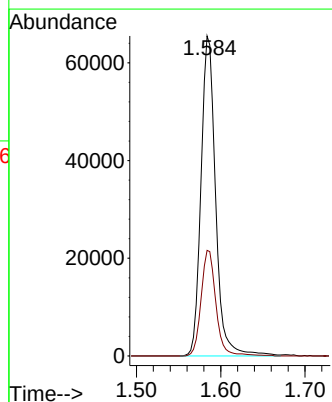
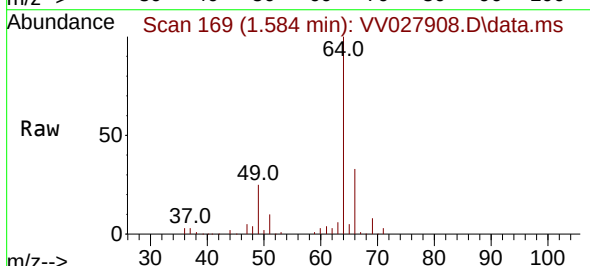
Acq: 17 Sep 2022 18:35

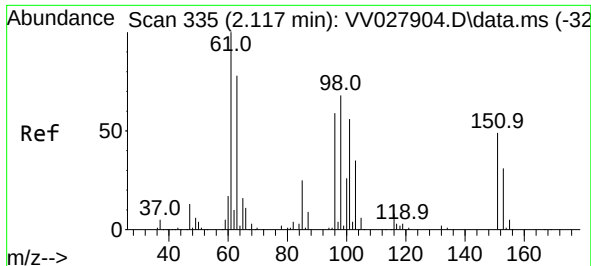
Tgt Ion: 64 Resp: 79450

Ion Ratio Lower Upper

64 100

66 33.0 22.1 41.1





#12

1,1-Dichloroethene

Concen: 0.202 ug/L

RT: 2.114 min Scan# 311

Delta R.T. -0.003 min

Lab File: VV027908.D

Acq: 17 Sep 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

XYZ9DL

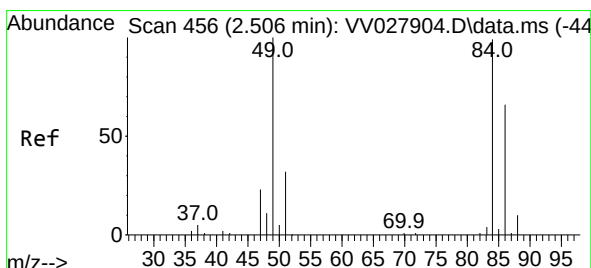
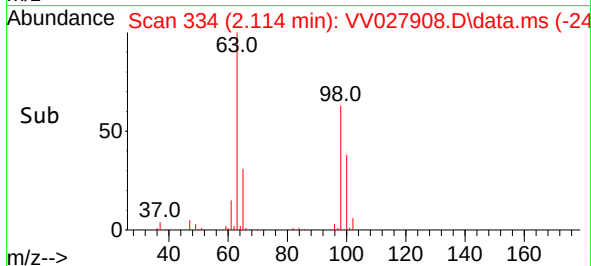
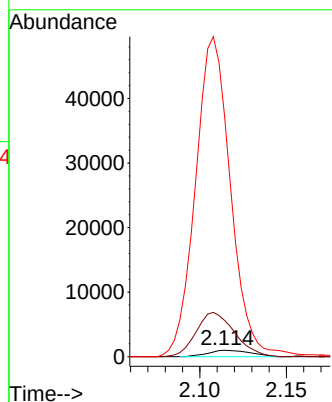
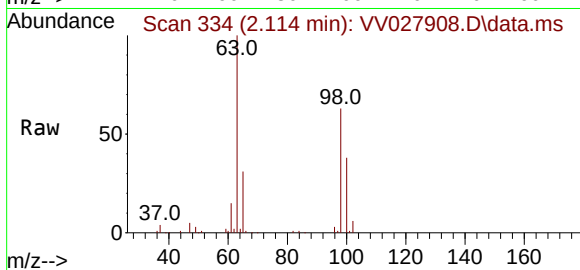
Tgt Ion: 96 Resp: 1677

Ion Ratio Lower Upper

96 100

61 570.4 129.9 241.3#

63 3788.4 94.6 175.8#



#16

Methylene chloride

Concen: 0.546 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV027908.D

Acq: 17 Sep 2022 18:35

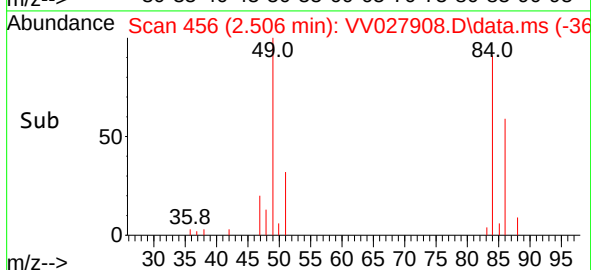
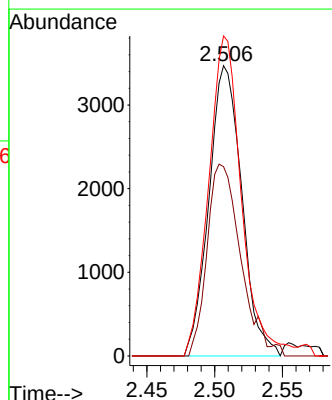
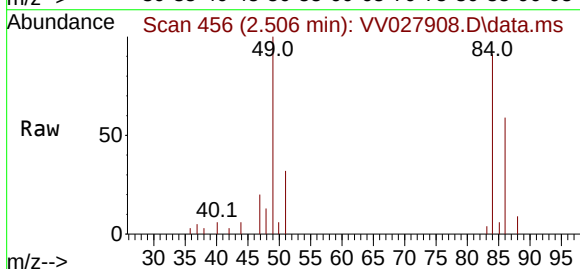
Tgt Ion: 84 Resp: 5854

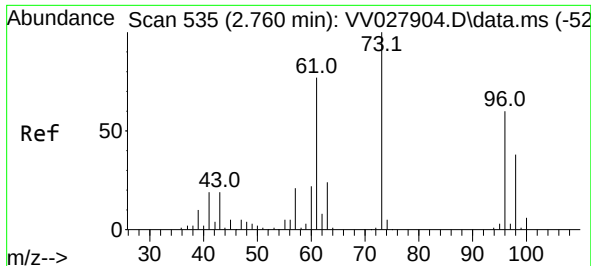
Ion Ratio Lower Upper

84 100

86 65.2 44.9 83.3

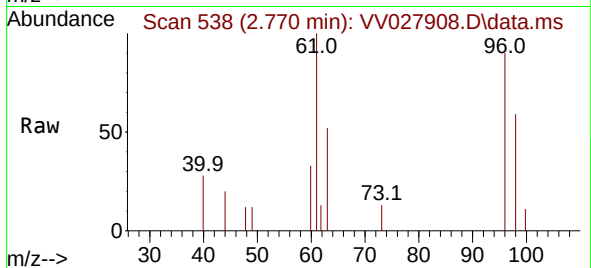
49 110.2 90.1 167.3





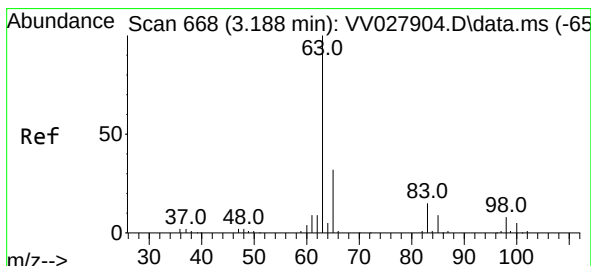
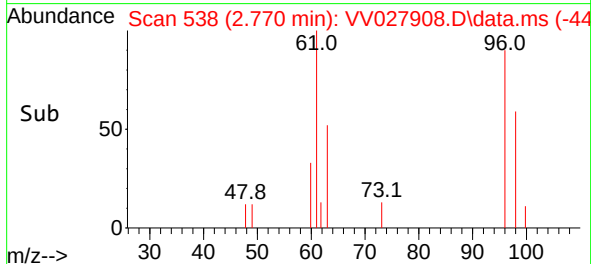
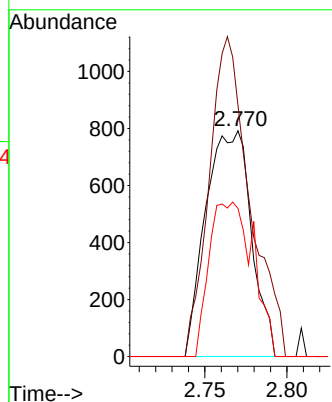
#18
trans-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV027908.D
Acq: 17 Sep 2022 18:35

Instrument :
MSVOA_V
ClientSampleId :
XYZ9DL



Tgt Ion: 96 Resp: 1527

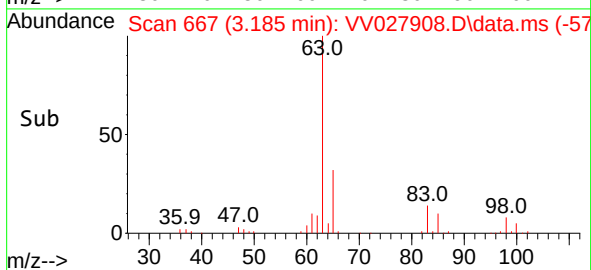
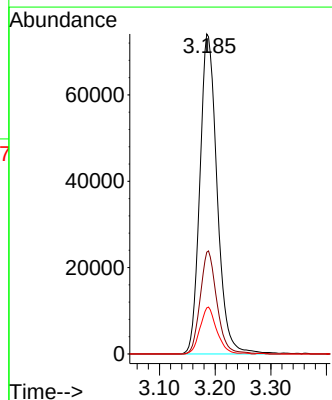
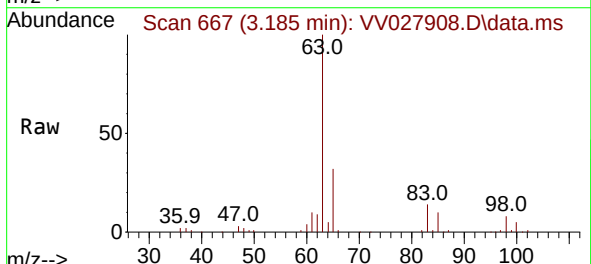
Ion	Ratio	Lower	Upper
96	100		
61	111.4	102.6	190.5
98	65.7	44.0	81.8

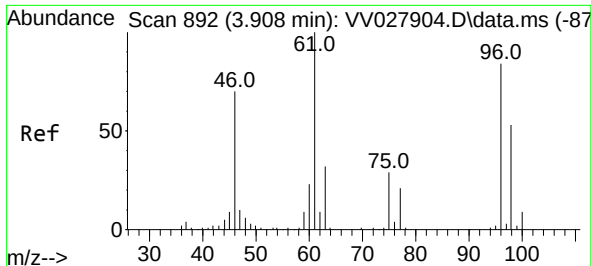


#19
1,1-Dichloroethane
Concen: 9.137 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV027908.D
Acq: 17 Sep 2022 18:35

Tgt Ion: 63 Resp: 159641

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.0	41.0
83	14.4	10.1	18.9





#22

cis-1,2-Dichloroethene

Concen: 6.901 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV027908.D

Acq: 17 Sep 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

XYZ9DL

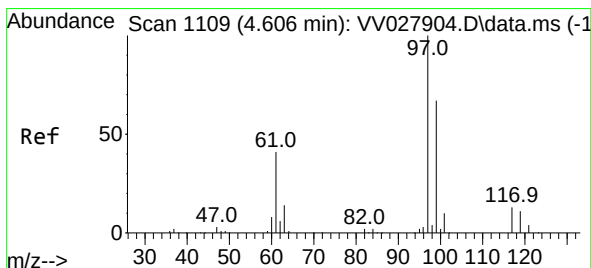
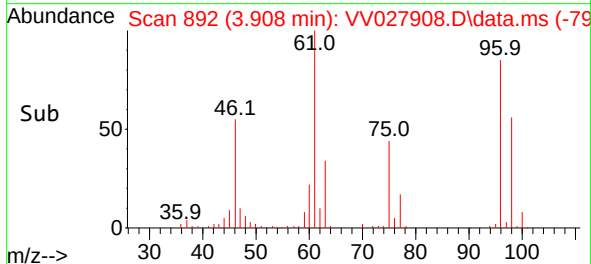
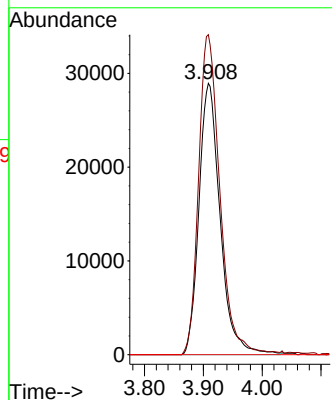
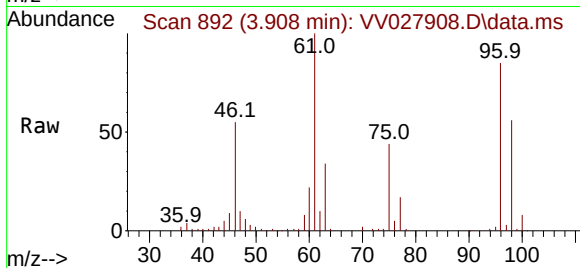
Tgt Ion: 96 Resp: 72474

Ion Ratio Lower Upper

96 100

61 117.9 94.6 175.6

68 0.0 0.3 0.5#



#29

1,1,1-Trichloroethane

Concen: 5.058 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV027908.D

Acq: 17 Sep 2022 18:35

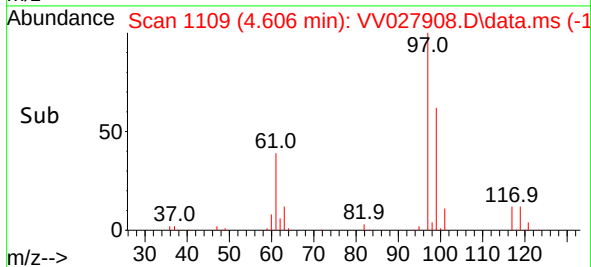
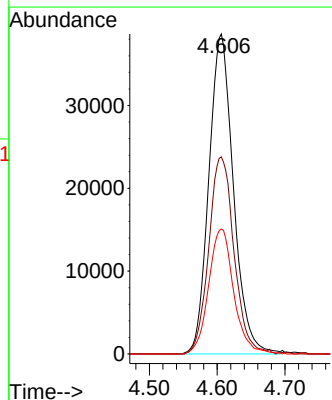
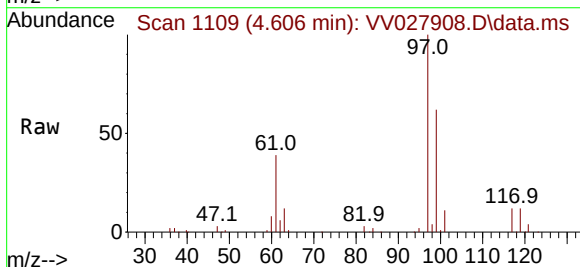
Tgt Ion: 97 Resp: 97250

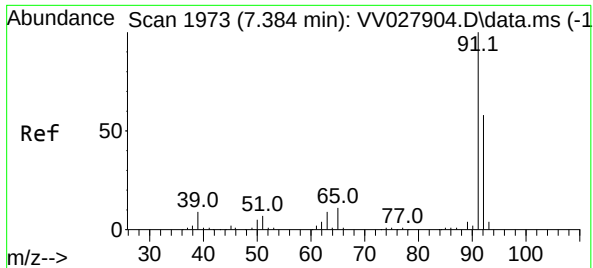
Ion Ratio Lower Upper

97 100

99 63.4 50.8 76.2

61 39.9 36.2 54.4





#42

Toluene

Concen: 0.704 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV027908.D

Acq: 17 Sep 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

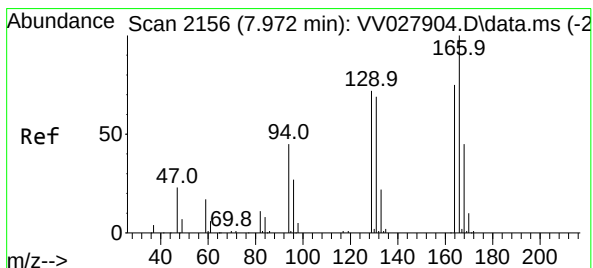
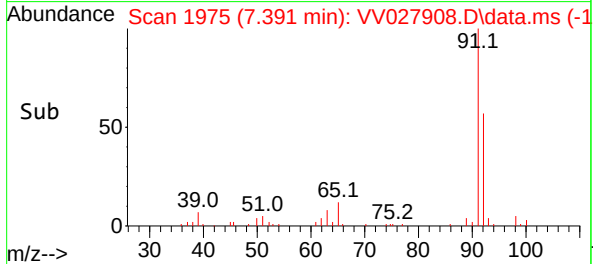
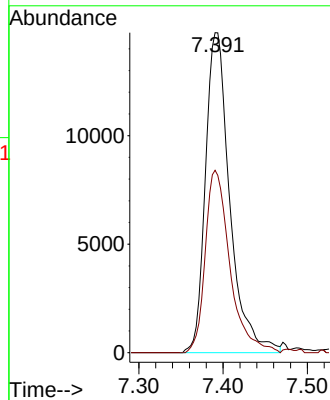
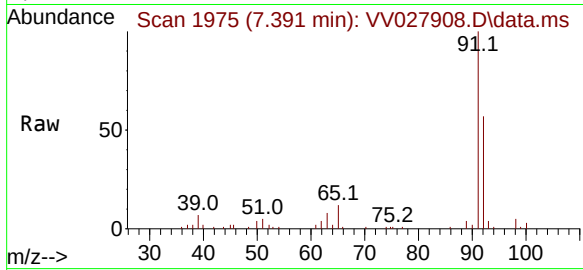
XYZ9DL

Tgt Ion: 91 Resp: 29656

Ion Ratio Lower Upper

91 100

92 57.0 40.8 75.8



#47

Tetrachloroethene

Concen: 0.357 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027908.D

Acq: 17 Sep 2022 18:35

Tgt Ion: 164 Resp: 3090

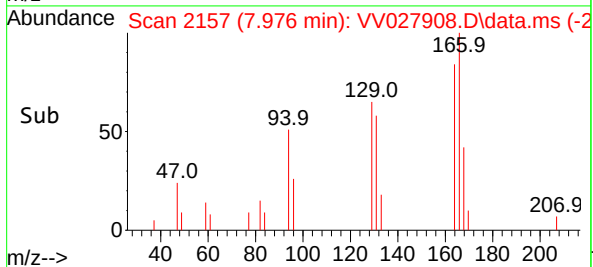
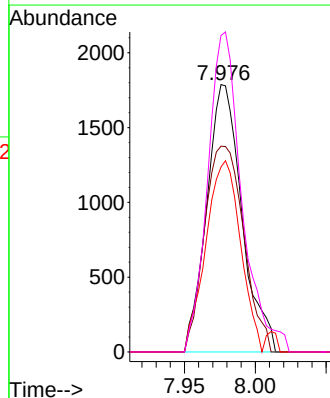
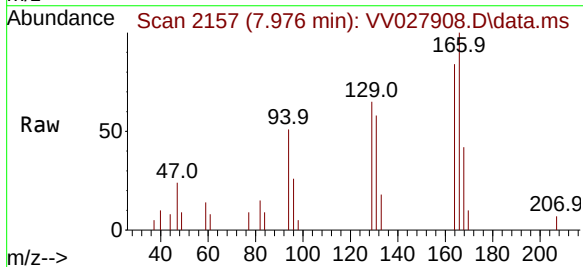
Ion Ratio Lower Upper

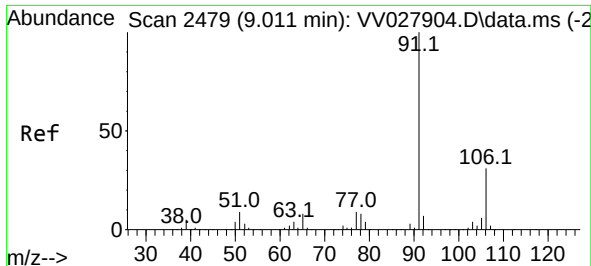
164 100

129 77.0 67.2 124.8

131 69.2 61.5 114.3

166 118.4 91.1 169.3





#52

Ethylbenzene

Concen: 0.145 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV027908.D

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Instrument :

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ClientSampleId :

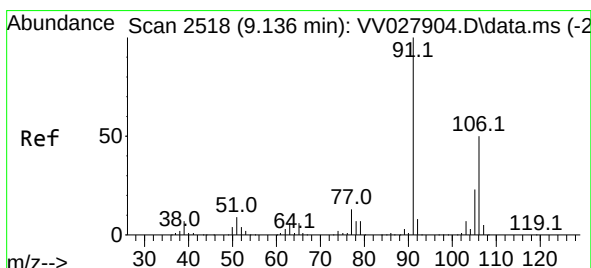
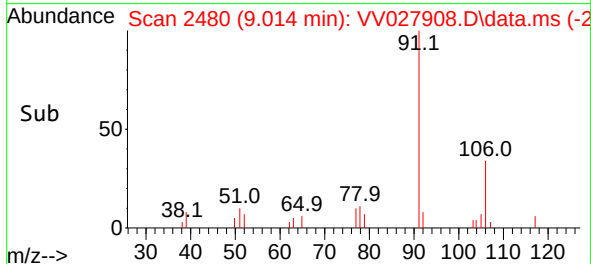
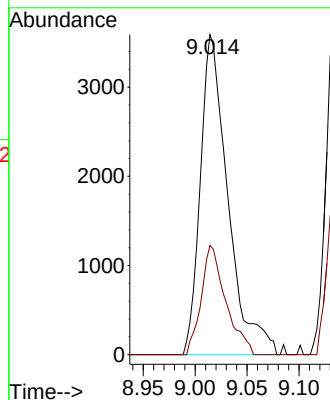
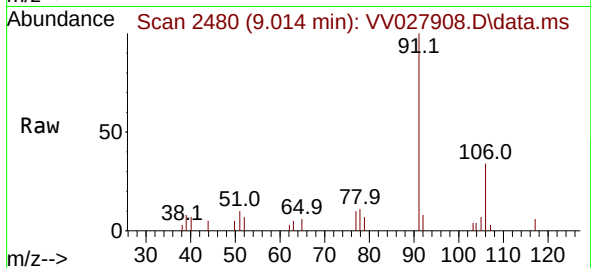
XYZ9DL

Tgt Ion: 91 Resp: 6623

Ion Ratio Lower Upper

91 100

106 34.1 22.0 40.8



#53

m,p-Xylene

Concen: 0.255 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV027908.D

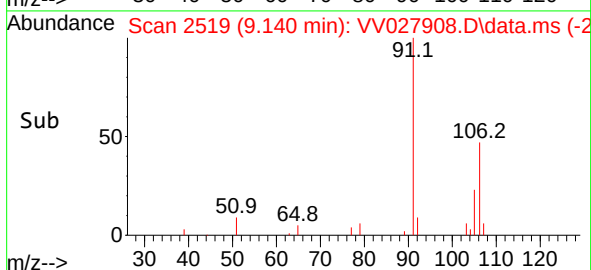
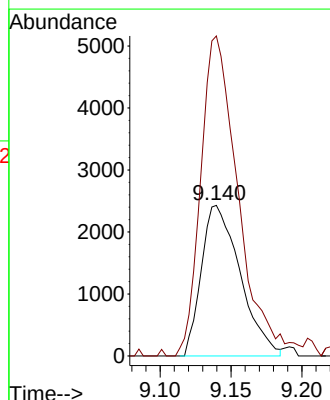
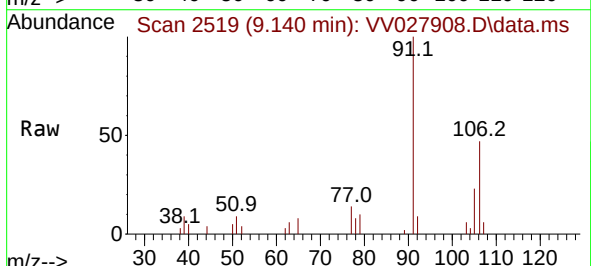
Acq: 17 Sep 2022 18:35

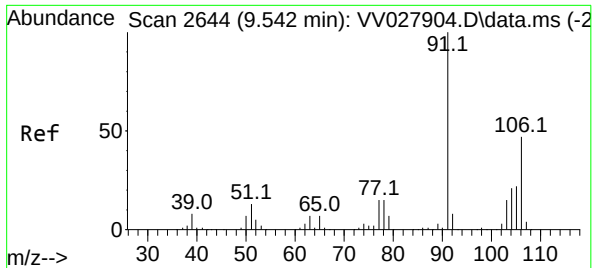
Tgt Ion: 106 Resp: 4624

Ion Ratio Lower Upper

106 100

91 212.5 142.4 264.4

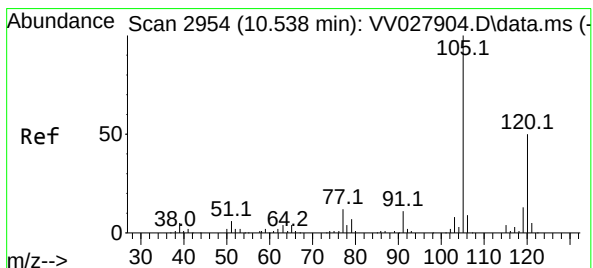
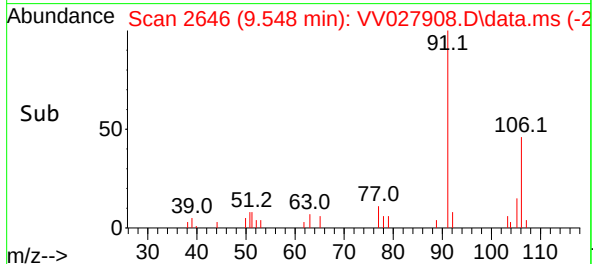
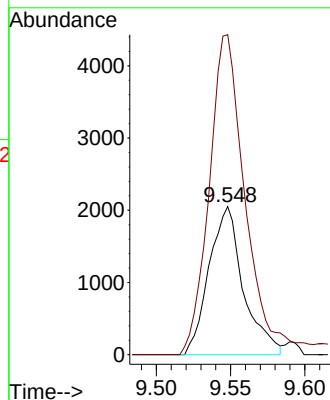
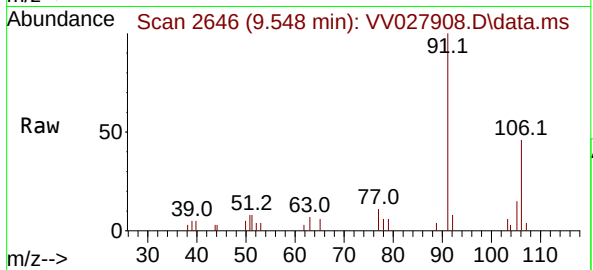




#54
o-Xylene
Concen: 0.187 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027908.D
Acq: 17 Sep 2022 18:35

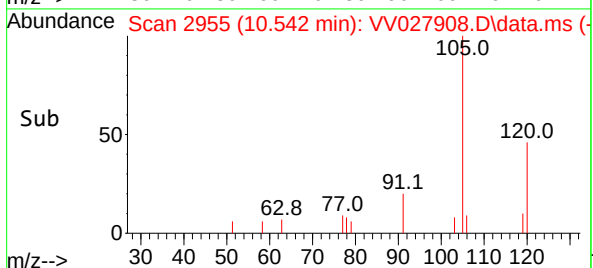
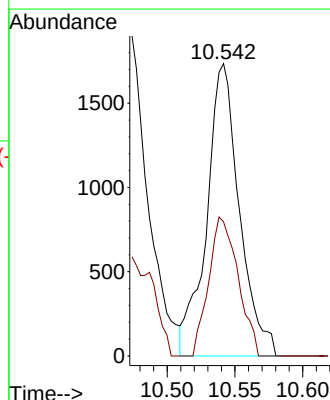
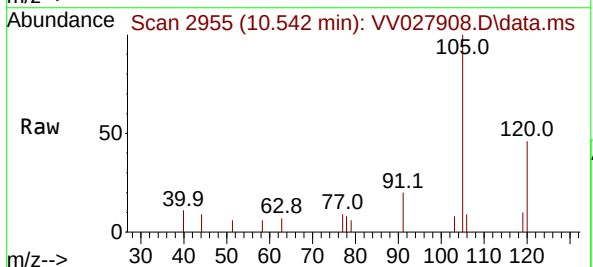
Instrument :
MSVOA_V
ClientSampleId :
XYZ9DL

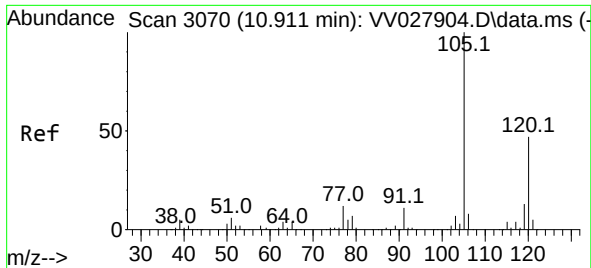
Tgt Ion:106 Resp: 3302
Ion Ratio Lower Upper
106 100
91 215.9 147.5 273.9



#62
1,3,5-Trimethylbenzene
Concen: 0.234 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.006 min
Lab File: VV027908.D
Acq: 17 Sep 2022 18:35

Tgt Ion:105 Resp: 2909
Ion Ratio Lower Upper
105 100
120 42.6 39.6 59.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.343 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027908.D
 Acq: 17 Sep 2022 18:35

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYZ9DL

Tgt Ion:105 Resp: 11974
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.4 56.0

