

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027350.D
 Acq On : 13 Aug 2022 00:59
 Operator : SY/MD
 Sample : N4133-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 04:19:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

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

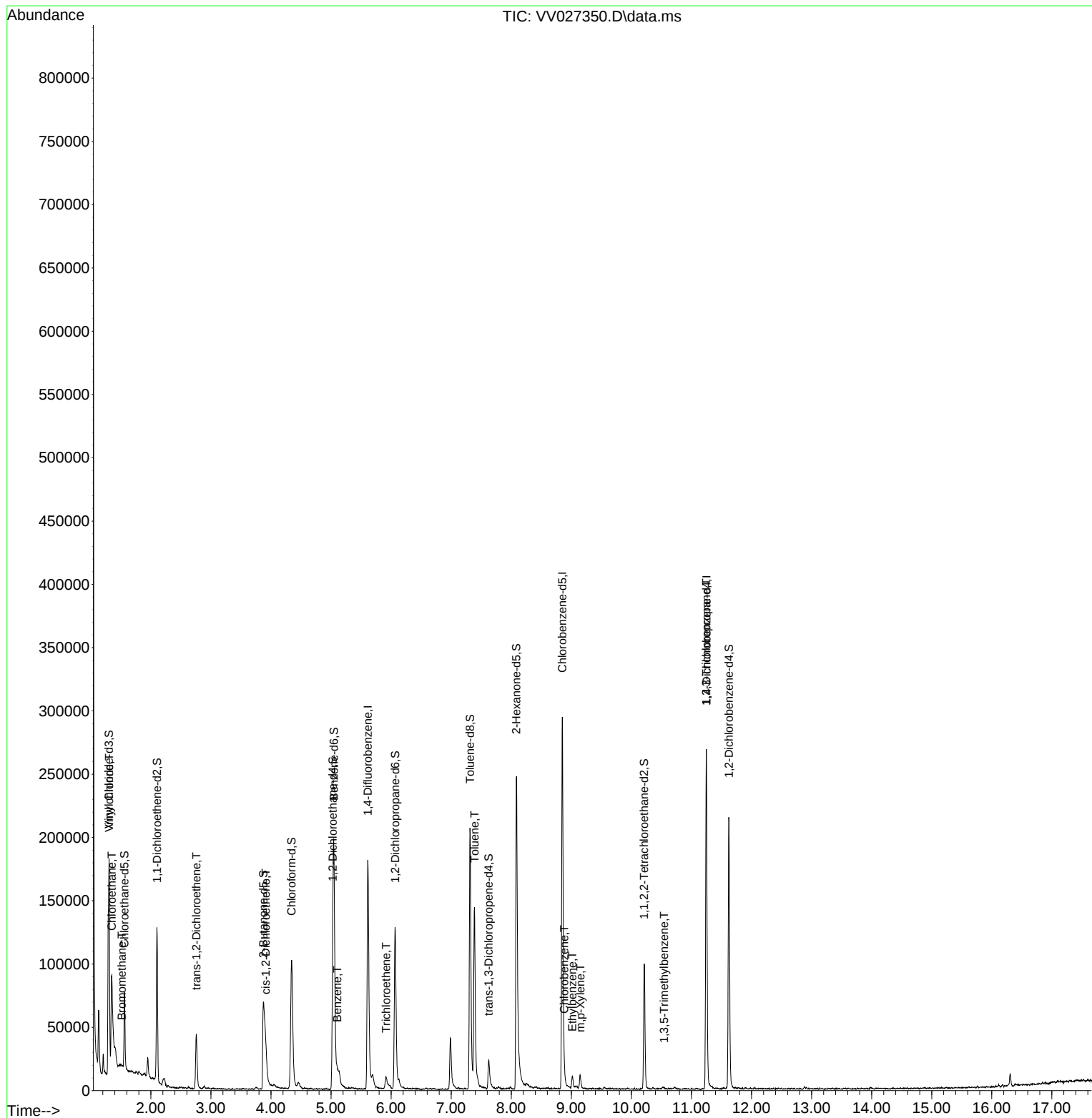
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	150561	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	166218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49325	3.771	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.561	69	38569	4.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.101	63	64308	2.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.200%#
20) 2-Butanone-d5	3.873	46	112201	50.648	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.300%
24) Chloroform-d	4.342	84	103057	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.027	65	51008	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.047	84	175696	3.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	6.066	67	59952	3.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.313	98	140572	3.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.600%#
43) trans-1,3-Dichloroprop...	7.625	79	13463	2.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	51.200%#
46) 2-Hexanone-d5	8.085	63	84362	41.511	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46764	4.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	54838	4.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	66668	3.994	ug/L	98
6) Bromomethane	1.516	94	543	0.070	ug/L	78
8) Chloroethane	1.349	64	124324	13.395	ug/L #	51
18) trans-1,2-Dichloroethene	2.757	96	16134	1.210	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	13526	1.031	ug/L	99
33) Benzene	5.101	78	11145	0.196	ug/L	100
34) Trichloroethene	5.918	95	2733	0.193	ug/L	92
42) Toluene	7.387	91	107891	1.903	ug/L	97
51) Chlorobenzene	8.883	112	1270	0.034	ug/L #	69
52) Ethylbenzene	9.018	91	6522	0.115	ug/L	90
53) m,p-Xylene	9.149	106	2775	0.128	ug/L	96
61) 1,2,3-Trichloropropane	11.246	75	8050	1.200	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.545	105	559	0.046	ug/L #	69

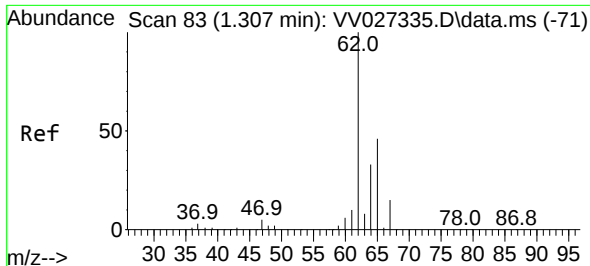
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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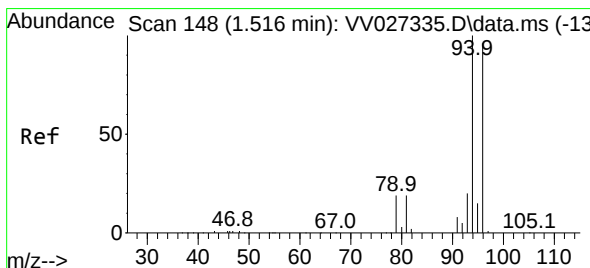
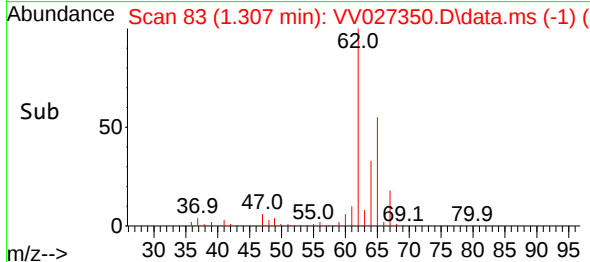
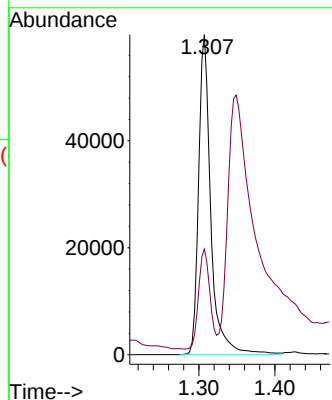
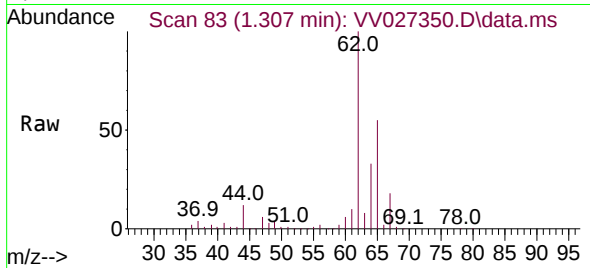




#5
 Vinyl chloride
 Concen: 3.994 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027350.D
 Acq: 13 Aug 2022 00:59

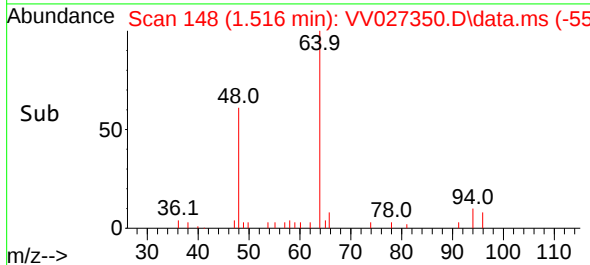
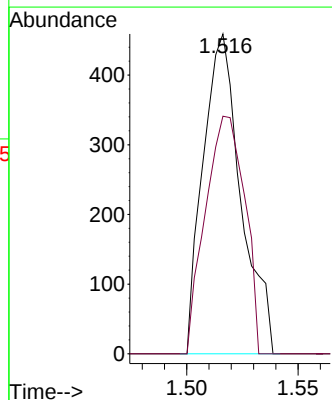
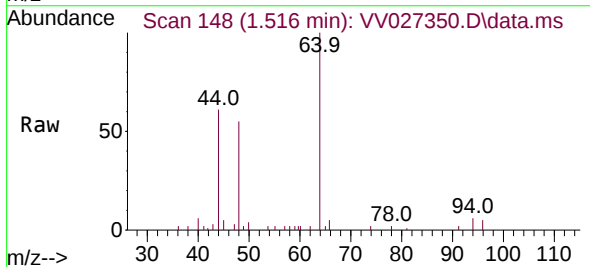
Instrument :
 MSVOA_V
 ClientSampleId :

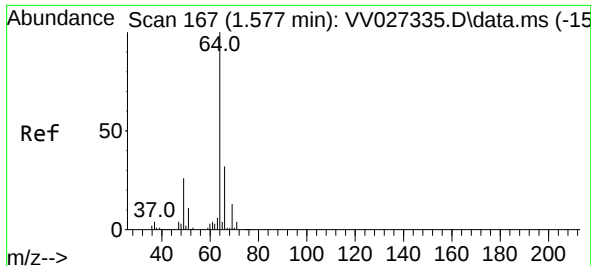
Tgt Ion: 62 Resp: 66668
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.7 44.1



#6
 Bromomethane
 Concen: 0.070 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027350.D
 Acq: 13 Aug 2022 00:59

Tgt Ion: 94 Resp: 543
 Ion Ratio Lower Upper
 94 100
 96 74.3 67.2 124.8

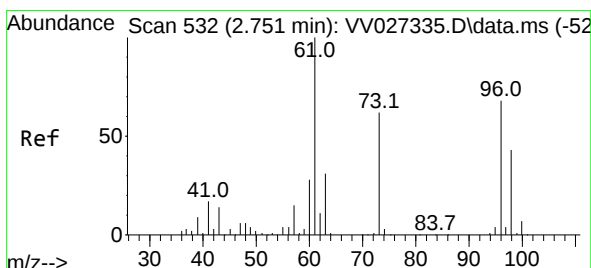
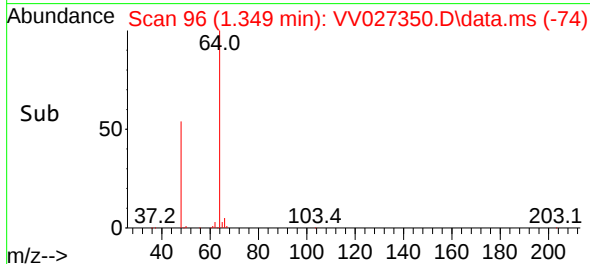
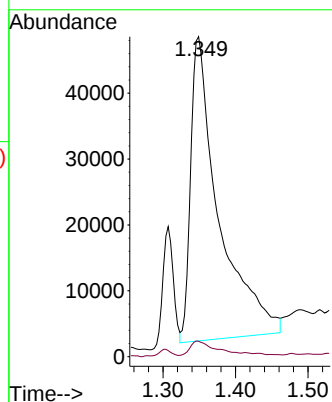
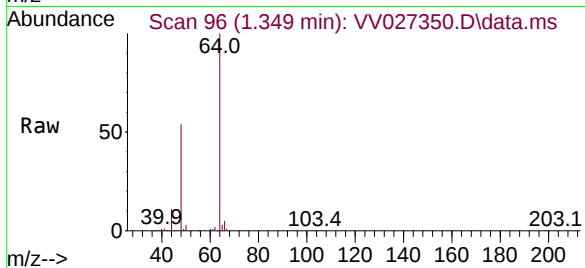




#8
Chloroethane
Concen: 13.395 ug/L
RT: 1.349 min Scan# 90
Delta R.T. -0.228 min
Lab File: VV027350.D
Acq: 13 Aug 2022 00:59

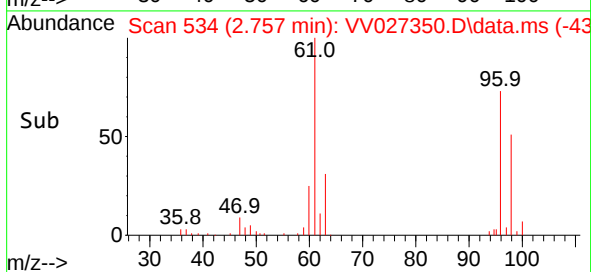
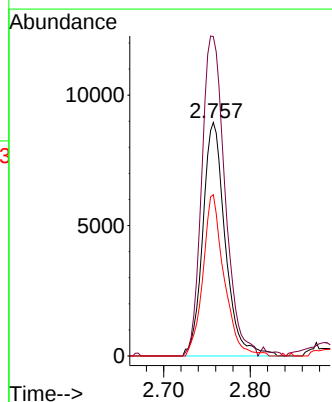
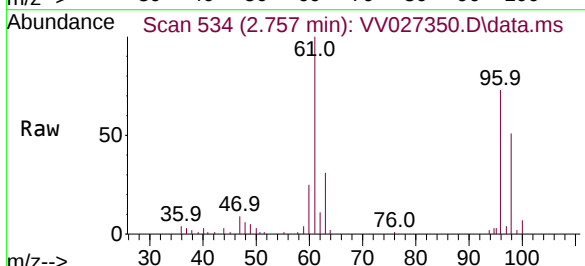
Instrument :
MSVOA_V
ClientSampleId :

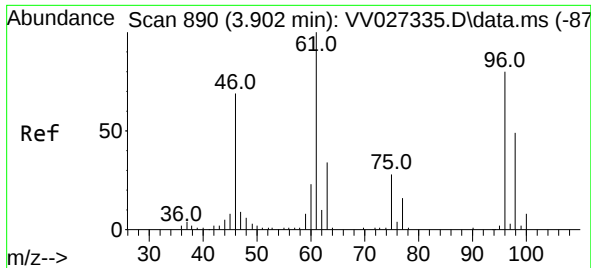
Tgt Ion: 64 Resp: 124324
Ion Ratio Lower Upper
64 100
66 4.8 22.3 41.5#



#18
trans-1,2-Dichloroethene
Concen: 1.210 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV027350.D
Acq: 13 Aug 2022 00:59

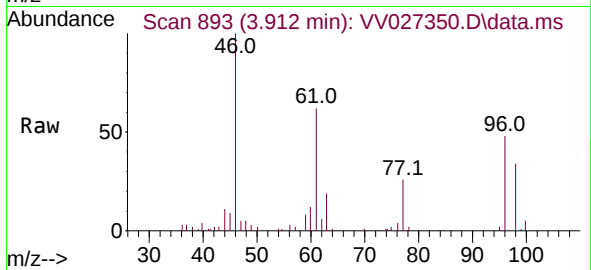
Tgt Ion: 96 Resp: 16134
Ion Ratio Lower Upper
96 100
61 136.8 99.6 185.0
98 69.1 45.1 83.7





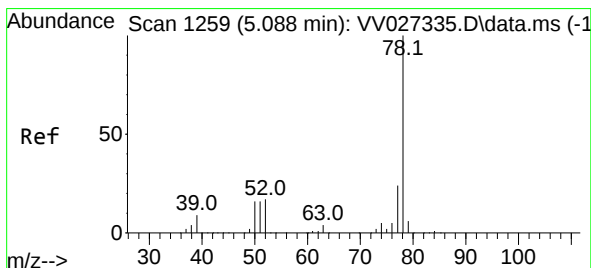
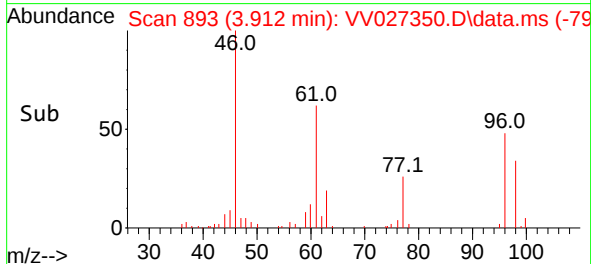
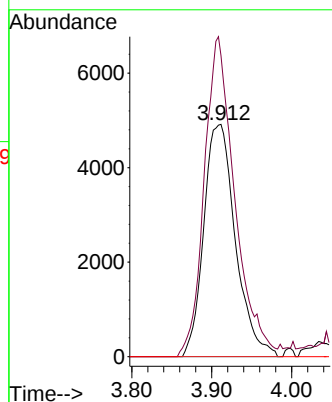
#22
 cis-1,2-Dichloroethene
 Concen: 1.031 ug/L
 RT: 3.912 min Scan# 890
 Delta R.T. 0.010 min
 Lab File: VV027350.D
 Acq: 13 Aug 2022 00:59

Instrument :
 MSVOA_V
 ClientSampleId :



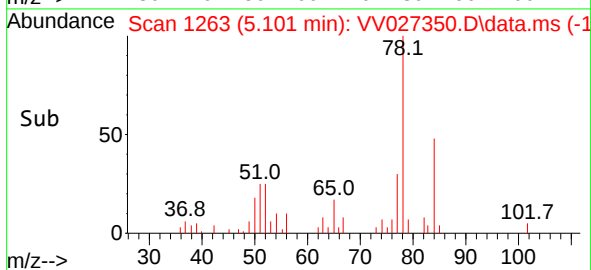
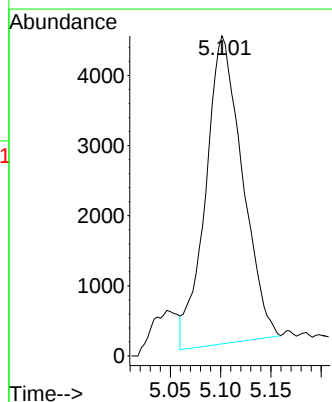
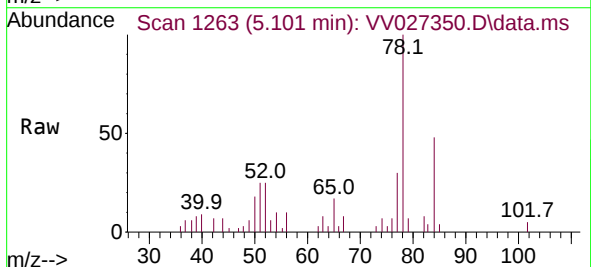
Tgt Ion: 96 Resp: 13526

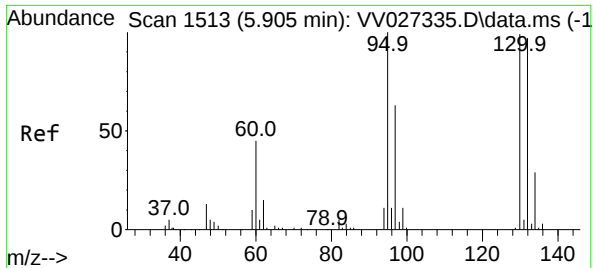
Ion	Ratio	Lower	Upper
96	100		
61	129.6	91.3	169.5
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 0.196 ug/L
 RT: 5.101 min Scan# 1263
 Delta R.T. 0.013 min
 Lab File: VV027350.D
 Acq: 13 Aug 2022 00:59

Tgt Ion: 78 Resp: 11145





#34

Trichloroethene

Concen: 0.193 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV027350.D

Acq: 13 Aug 2022 00:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 2733

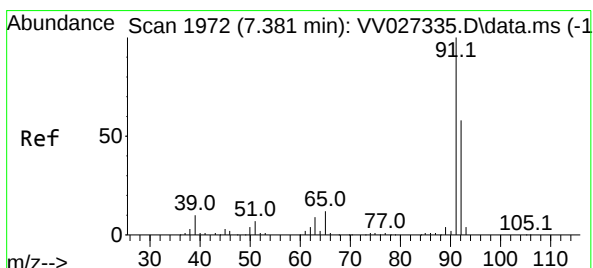
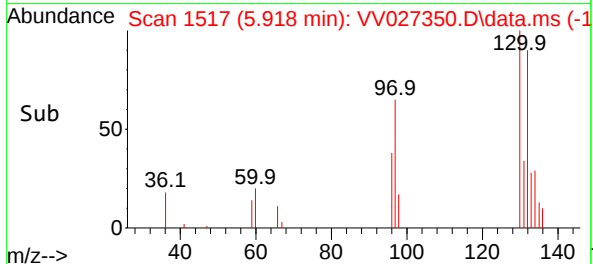
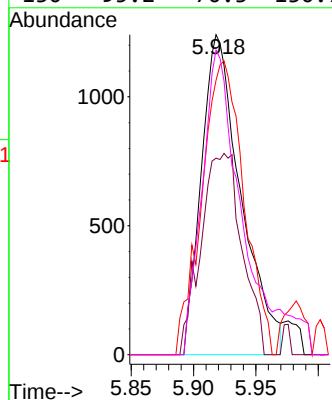
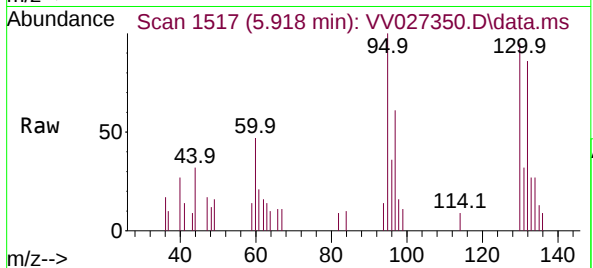
Ion Ratio Lower Upper

95 100

97 61.4 45.5 84.5

132 85.7 68.2 126.6

130 95.2 70.3 130.7



#42

Toluene

Concen: 1.903 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV027350.D

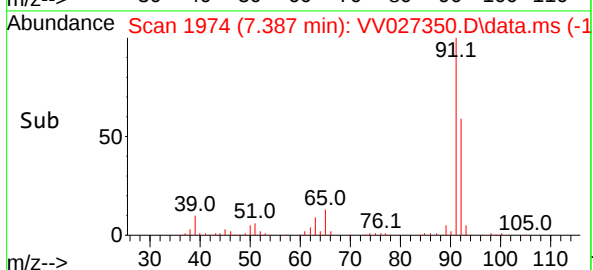
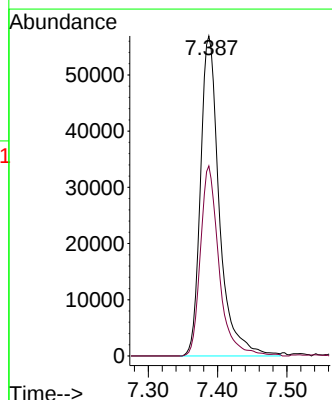
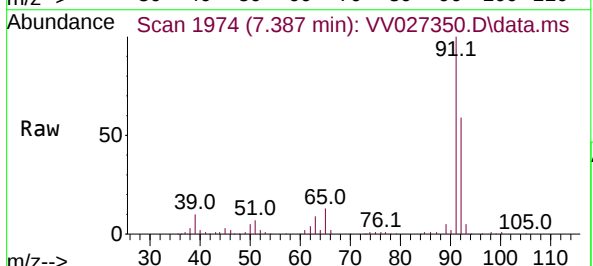
Acq: 13 Aug 2022 00:59

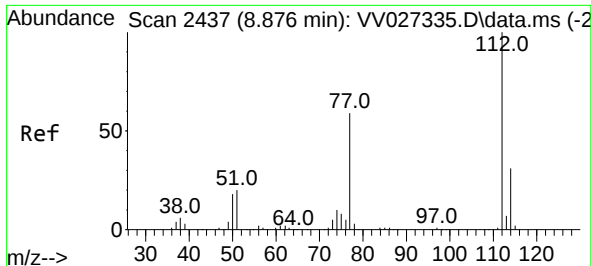
Tgt Ion: 91 Resp: 107891

Ion Ratio Lower Upper

91 100

92 59.4 39.9 74.1

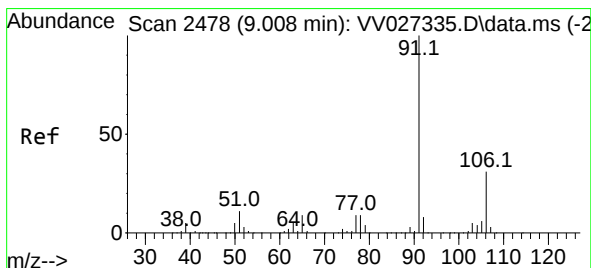
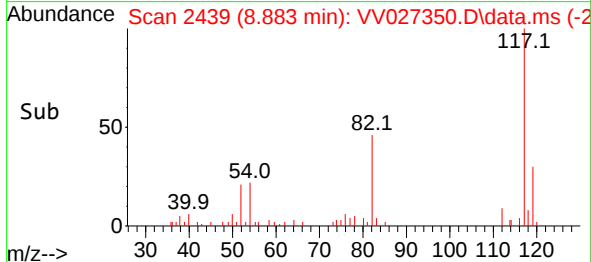
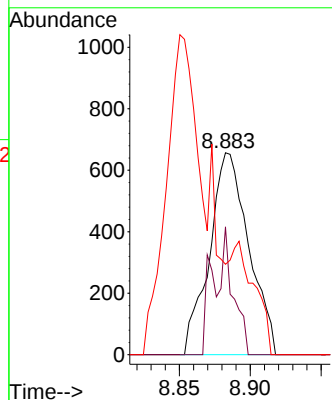
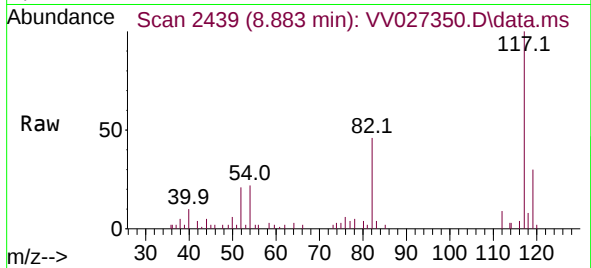




#51
Chlorobenzene
Concen: 0.034 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.006 min
Lab File: VV027350.D
Acq: 13 Aug 2022 00:59

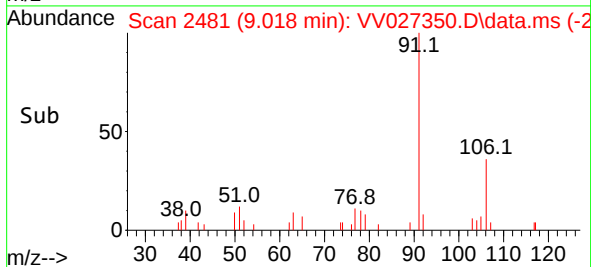
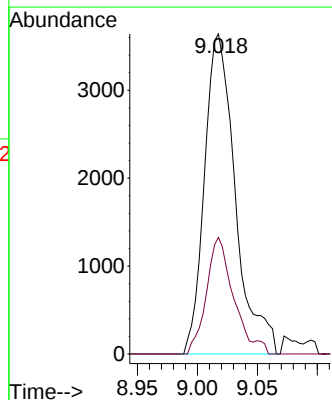
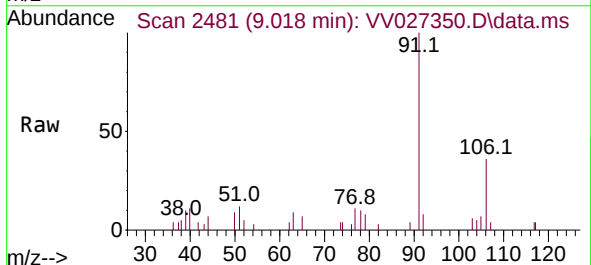
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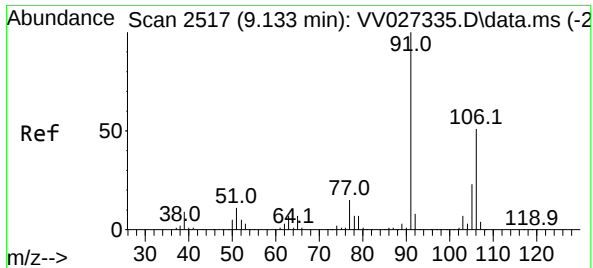
Tgt Ion:112 Resp: 1270
Ion Ratio Lower Upper
112 100
114 63.3 22.5 41.9#
77 44.7 46.4 69.6#



#52
Ethylbenzene
Concen: 0.115 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV027350.D
Acq: 13 Aug 2022 00:59

Tgt Ion: 91 Resp: 6522
Ion Ratio Lower Upper
91 100
106 36.4 21.5 39.9

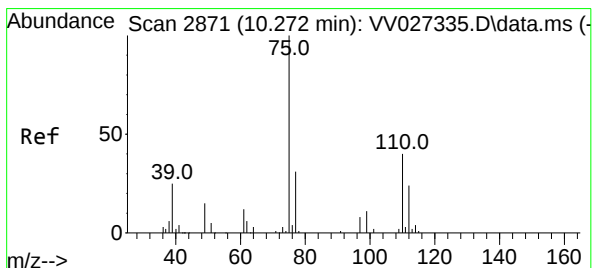
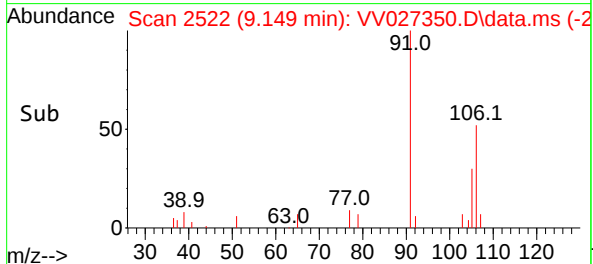
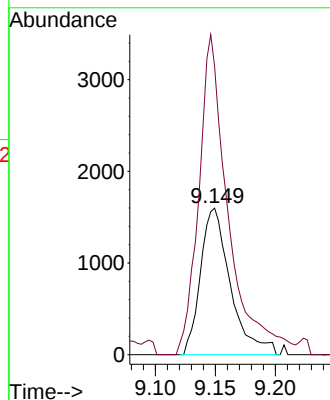
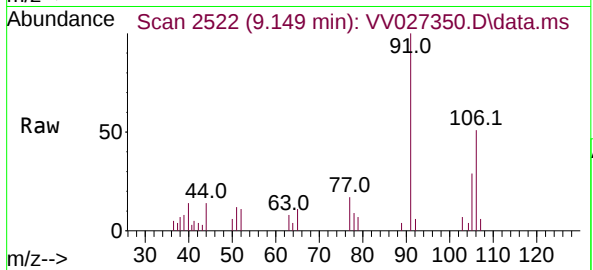




#53
m,p-Xylene
Concen: 0.128 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV027350.D
Acq: 13 Aug 2022 00:59

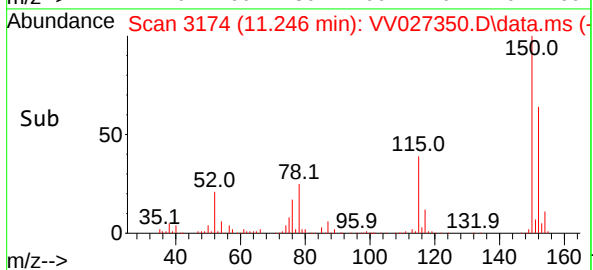
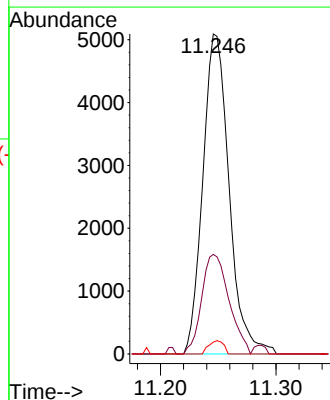
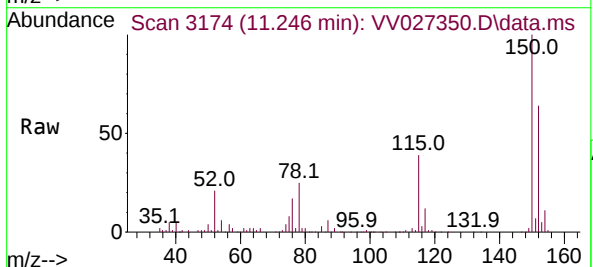
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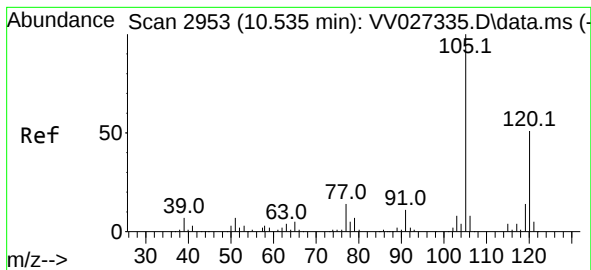
Tgt Ion:106 Resp: 2775
Ion Ratio Lower Upper
106 100
91 196.7 141.5 262.9



#61
1,2,3-Trichloropropane
Concen: 1.200 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027350.D
Acq: 13 Aug 2022 00:59

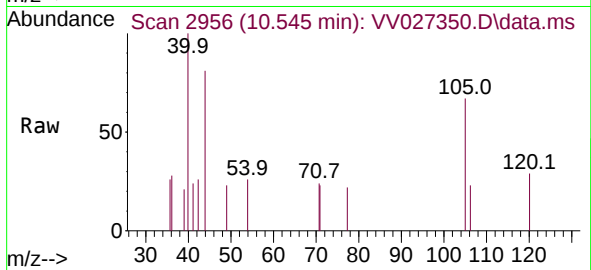
Tgt Ion: 75 Resp: 8050
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8
110 2.3 31.0 46.6#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.046 ug/L
 RT: 10.545 min Scan# 2956
 Delta R.T. 0.010 min
 Lab File: VV027350.D
 Acq: 13 Aug 2022 00:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 559
 Ion Ratio Lower Upper
 105 100
 120 27.2 38.2 57.4#

