

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 :
 F5E05

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)

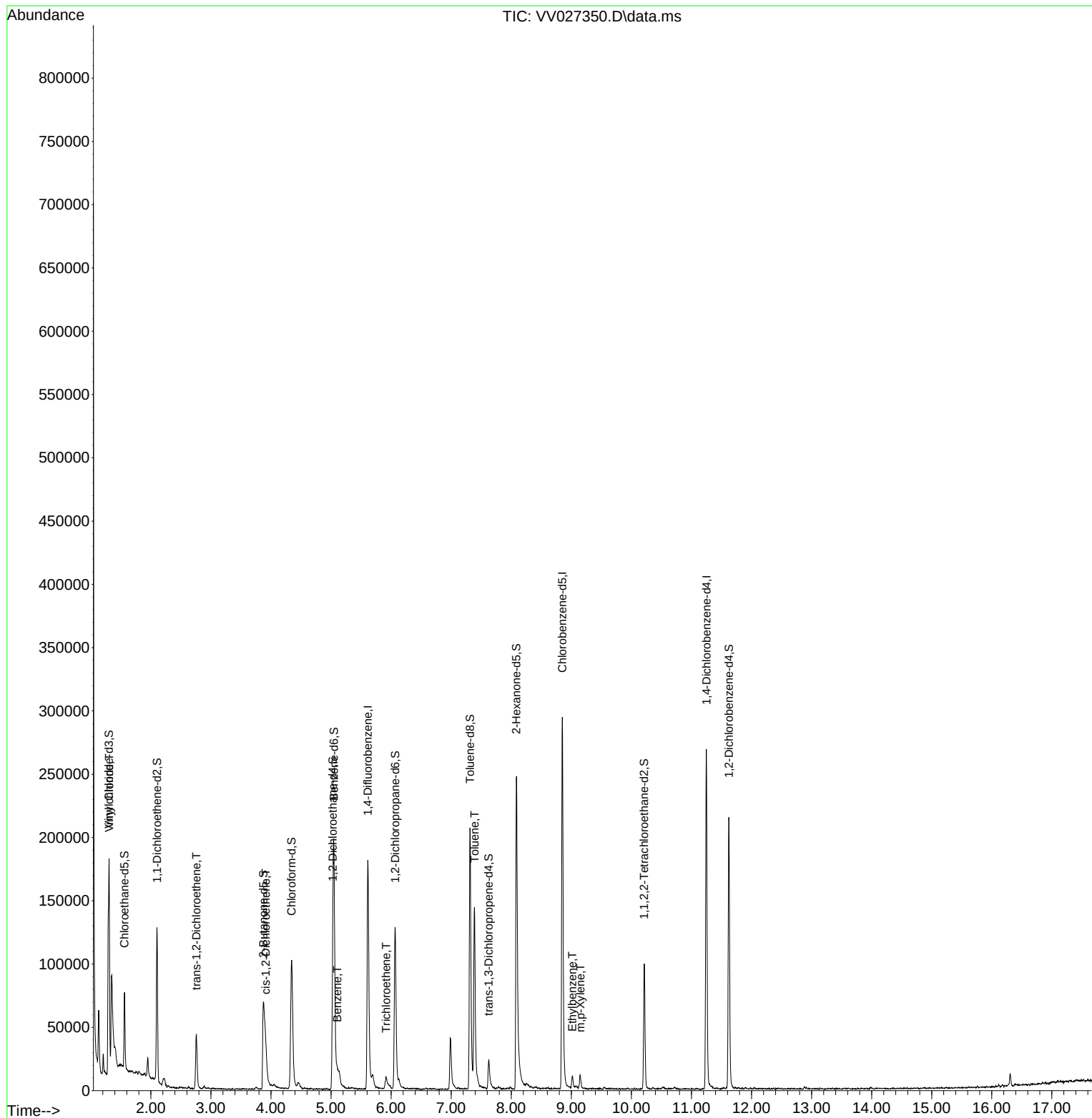
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	150561	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	166218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49325	3.771	ug/L	0.00
Spiked Amount	5.000	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
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
52) Ethylbenzene	9.018	91	6522	0.115	ug/L	90
53) m,p-Xylene	9.149	106	2775	0.128	ug/L	96

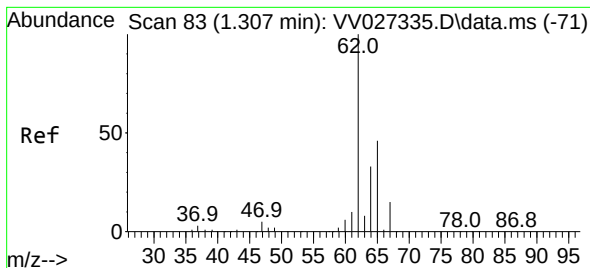
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 13 02:46:03 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.994 ug/L

RT: 1.307 min Scan# 81

Delta R.T. -0.000 min

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MSVOA_V

ClientSampleId :

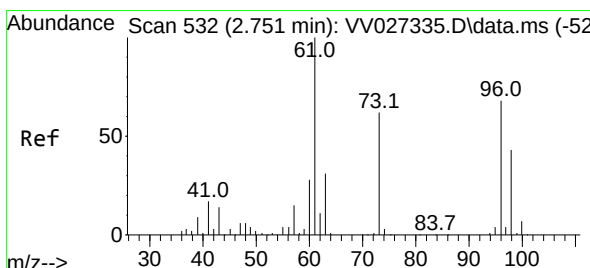
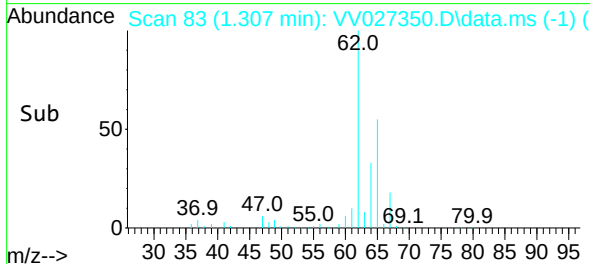
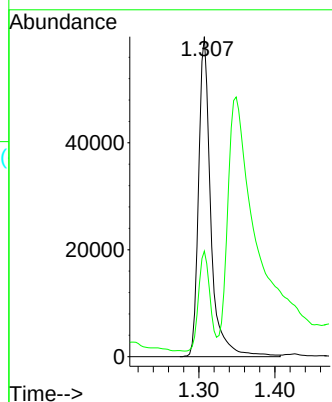
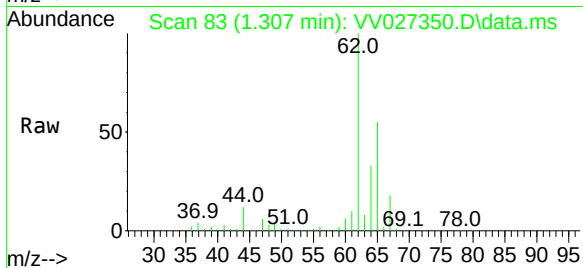
F5E05

Tgt Ion: 62 Resp: 66668

Ion Ratio Lower Upper

62 100

64 33.0 23.7 44.1



#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

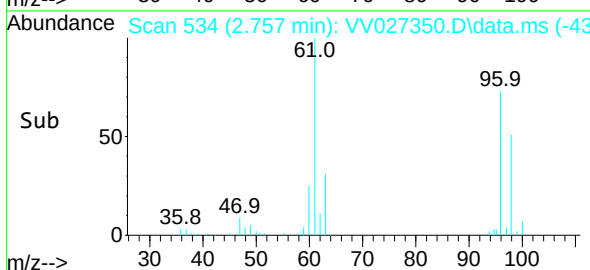
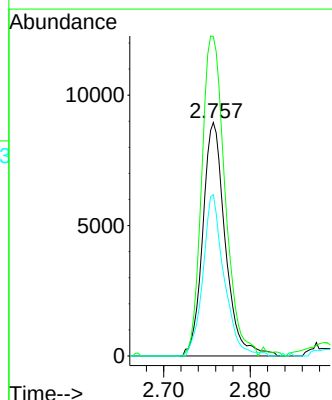
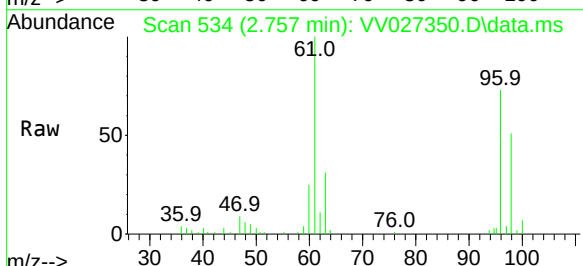
Tgt Ion: 96 Resp: 16134

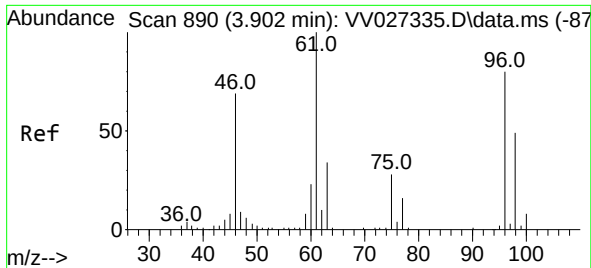
Ion Ratio Lower Upper

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

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Acq: 13 Aug 2022 00:59

Instrument :

MSVOA_V

ClientSampleId :

F5E05

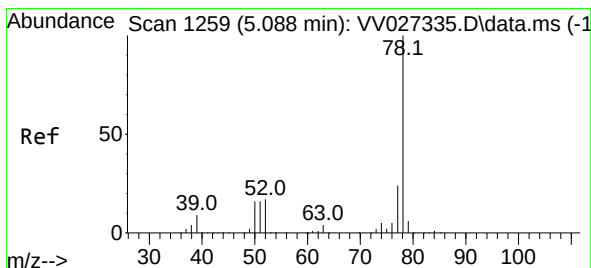
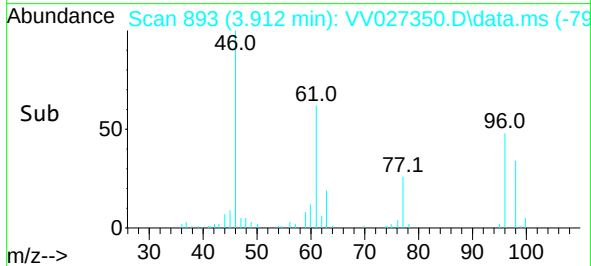
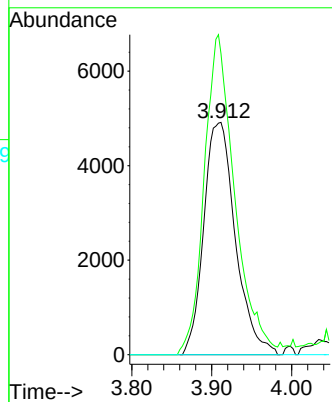
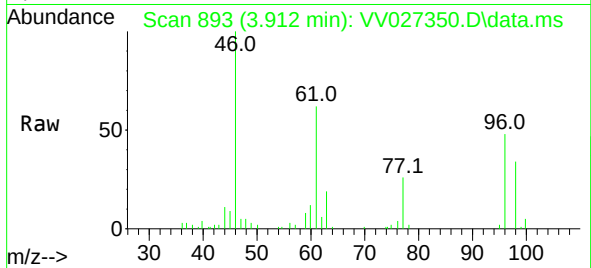
Tgt Ion: 96 Resp: 13526

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

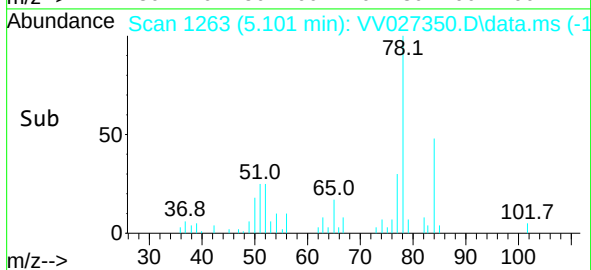
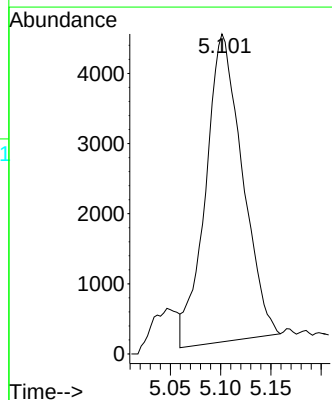
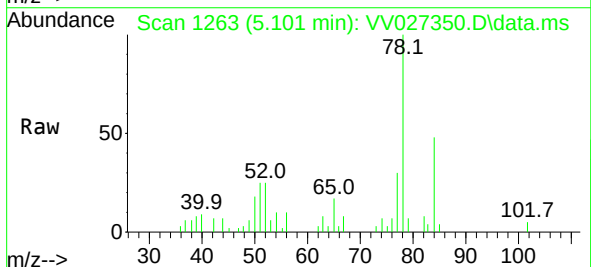
RT: 5.101 min Scan# 1263

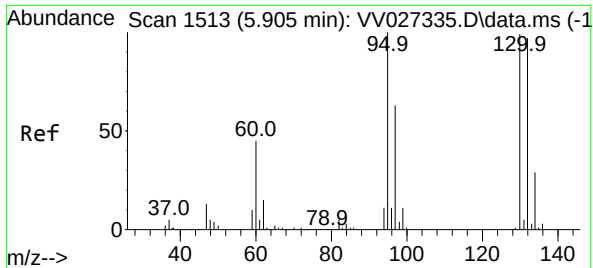
Delta R.T. 0.013 min

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 :

F5E05

Tgt Ion: 95 Resp: 2733

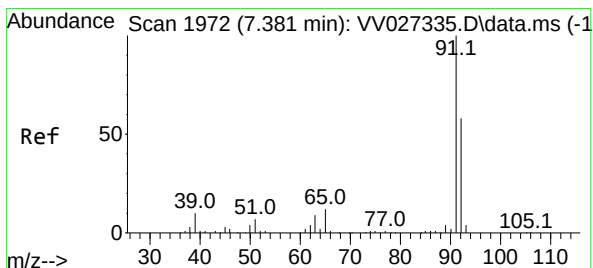
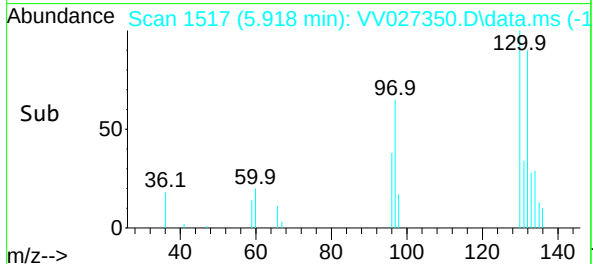
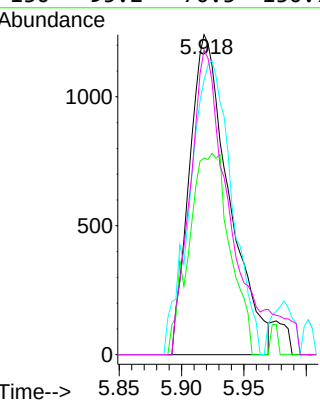
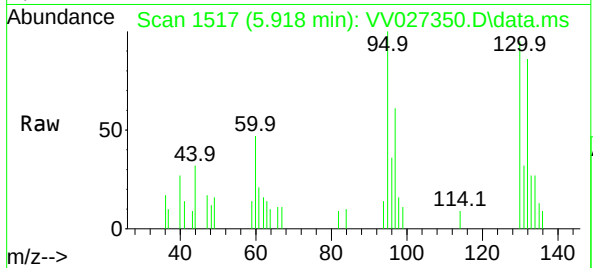
Ion Ratio Lower Upper

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

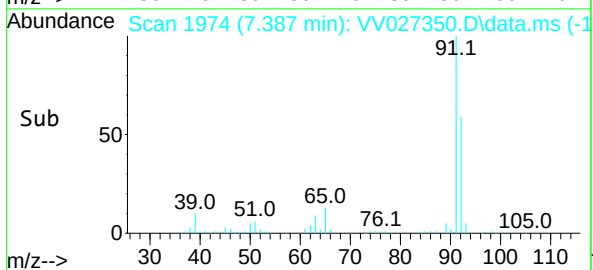
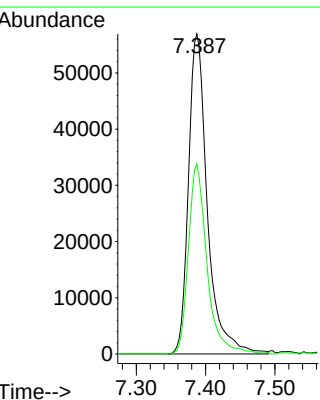
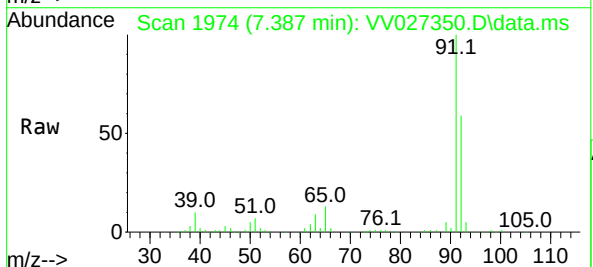
Acq: 13 Aug 2022 00:59

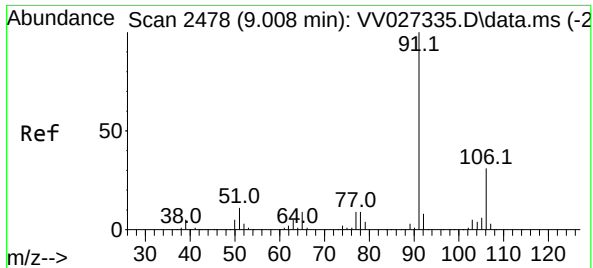
Tgt Ion: 91 Resp: 107891

Ion Ratio Lower Upper

91 100

92 59.4 39.9 74.1





#52

Ethylbenzene

Concen: 0.115 ug/L

RT: 9.018 min Scan# 2478

Delta R.T. 0.010 min

Lab File: VV027350.D

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ClientSampleId :

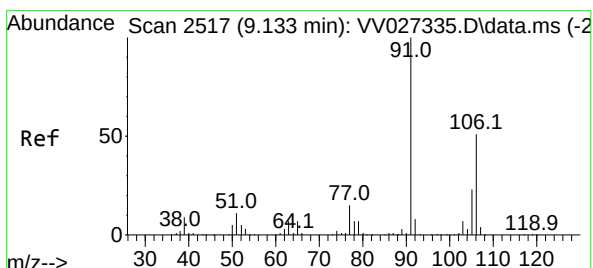
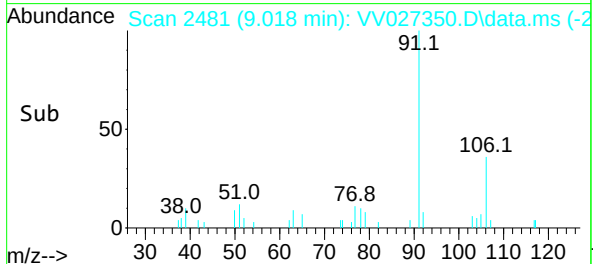
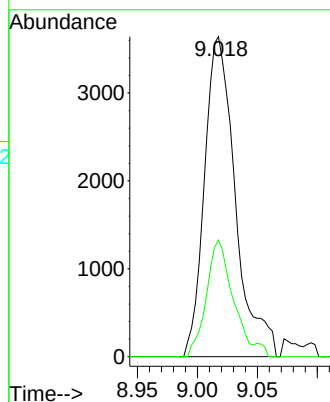
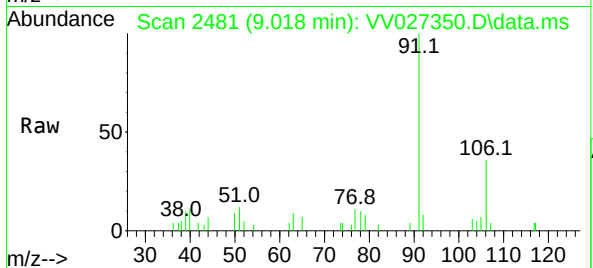
F5E05

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# 2522

Delta R.T. 0.016 min

Lab File: VV027350.D

Acq: 13 Aug 2022 00:59

Tgt Ion: 106 Resp: 2775

Ion Ratio Lower Upper

106 100

91 196.7 141.5 262.9

