

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023797.D
 Acq On : 06 Dec 2021 14:57
 Operator : SY/MD
 Sample : M4879-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G32

Quant Time: Dec 07 05:30:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

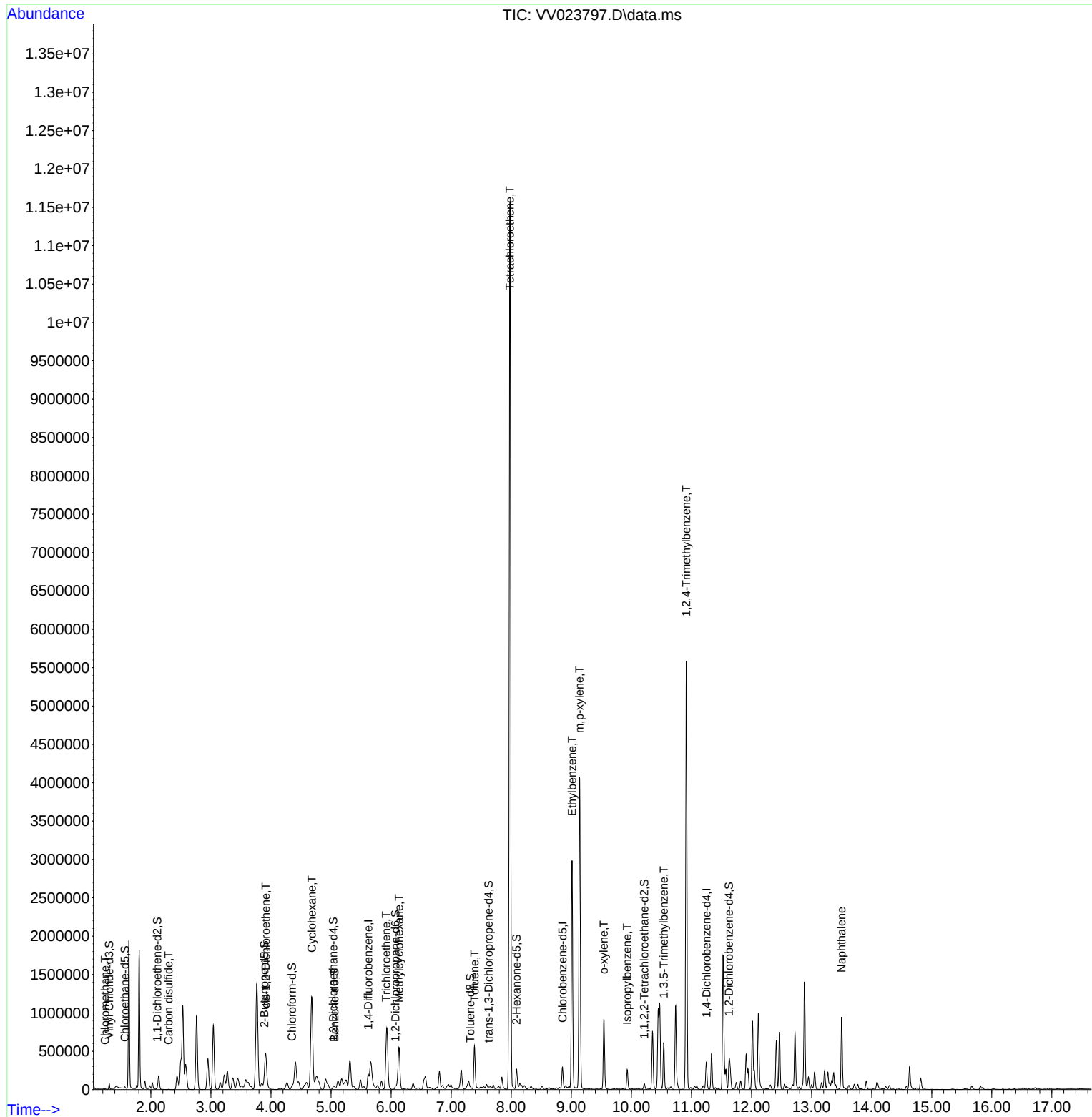
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	172875	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	163002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	5804	0.409	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	8.200%#
7) Chloroethane-d5	1.568	69	8448	0.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	15.200%#
11) 1,1-Dichloroethene-d2	2.108	63	5495	0.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	4.400%#
20) 2-Butanone-d5	3.889	46	105060	61.581	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.160%
24) Chloroform-d	4.352	84	36529	1.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	29.600%#
26) 1,2-Dichloroethane-d4	5.037	65	21123	1.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	36.600%#
32) Benzene-d6	5.056	84	32997	0.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	14.800%#
36) 1,2-Dichloropropane-d6	6.072	67	17903	1.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	28.800%#
41) Toluene-d8	7.320	98	20946	0.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	10.000%#
43) trans-1,3-Dichloroprop...	7.625	79	6677	1.331	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	26.600%#
46) 2-Hexanone-d5	8.088	63	92902	55.726	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30521	3.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	24113	1.567	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	31.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2998	0.210	ug/L	94
14) Carbon disulfide	2.294	76	5885	0.151	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	255573	20.200	ug/L	100
30) Cyclohexane	4.677	56	647093	36.403	ug/L	99
34) Trichloroethene	5.915	95	96139	7.723	ug/L	98
35) Methylcyclohexane	6.130	83	235557	12.138	ug/L	97
42) Toluene	7.387	91	391364	7.766	ug/L	99
47) Tetrachloroethene	7.979	164	2521714	222.557	ug/L	97
52) Ethylbenzene	9.011	91	2029568	38.527	ug/L	100
53) m,p-xylene	9.136	106	1122805	53.553	ug/L	99
54) o-xylene	9.542	106	240397	12.057	ug/L	98
60) Isopropylbenzene	9.931	105	161004	3.099	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	320909	7.422	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	2925382	68.416	ug/L	99
71) Naphthalene	13.500	128	717040	33.106	ug/L	100

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

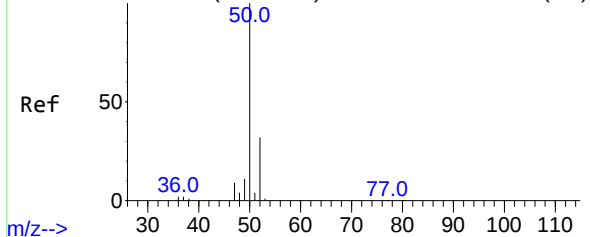
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
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QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV023791.D\data.ms (-54)



#3

Chloromethane

Concen: 0.210 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV023797.D

Acq: 06 Dec 2021 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0G32

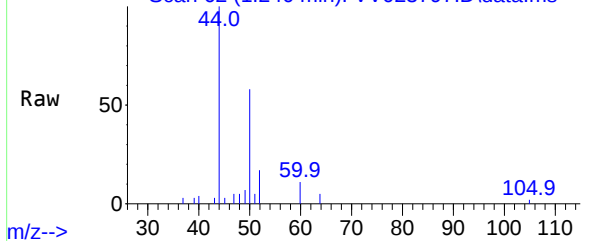
Tgt Ion: 50 Resp: 2998

Ion Ratio Lower Upper

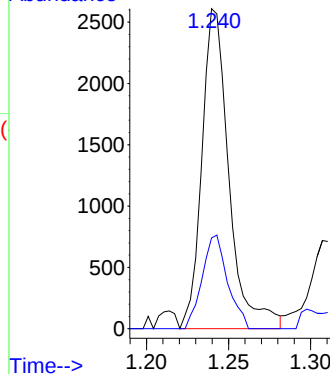
50 100

52 28.4 22.0 41.0

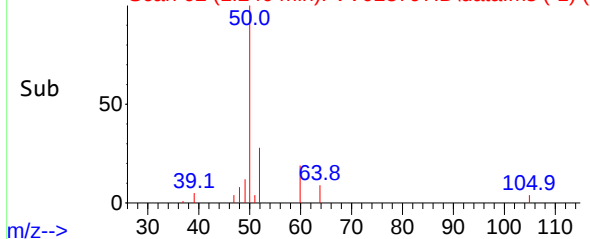
Abundance Scan 62 (1.240 min): VV023797.D\data.ms



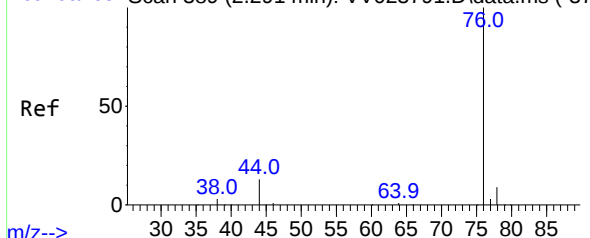
Abundance



Abundance Scan 62 (1.240 min): VV023797.D\data.ms (-1) (



Abundance Scan 389 (2.291 min): VV023791.D\data.ms (-37



#14

Carbon disulfide

Concen: 0.151 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023797.D

Acq: 06 Dec 2021 14:57

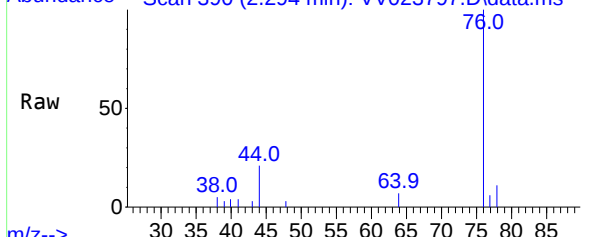
Tgt Ion: 76 Resp: 5885

Ion Ratio Lower Upper

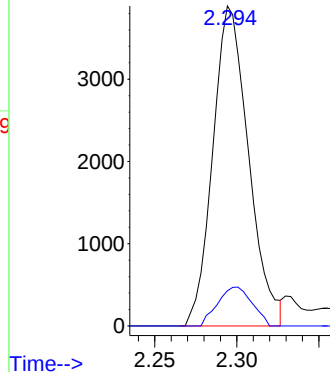
76 100

78 11.0 7.5 11.3

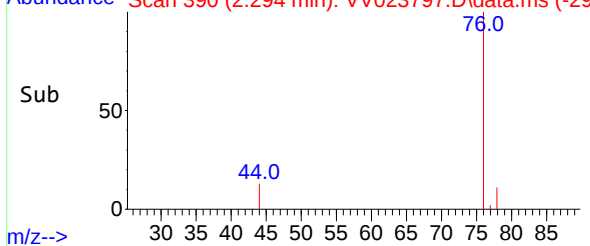
Abundance Scan 390 (2.294 min): VV023797.D\data.ms

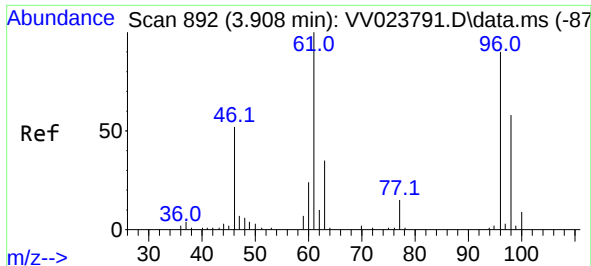


Abundance



Abundance Scan 390 (2.294 min): VV023797.D\data.ms (-29





#22

cis-1,2-Dichloroethene

Concen: 20.200 ug/L

RT: 3.912 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV023797.D

Acq: 06 Dec 2021 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0G32

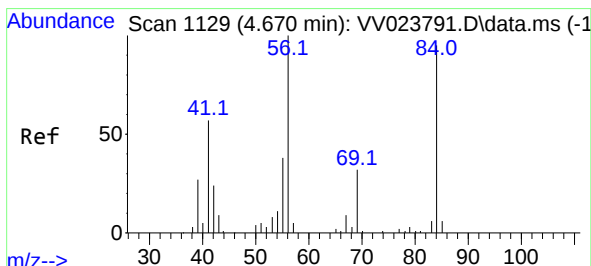
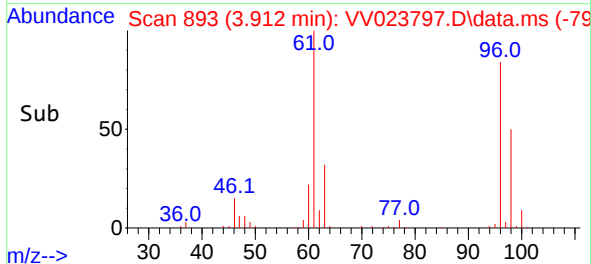
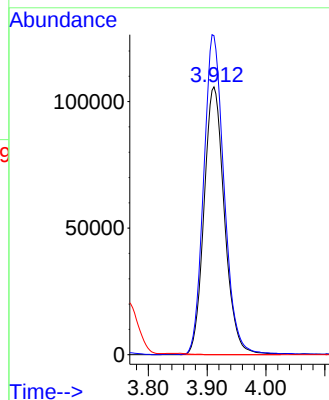
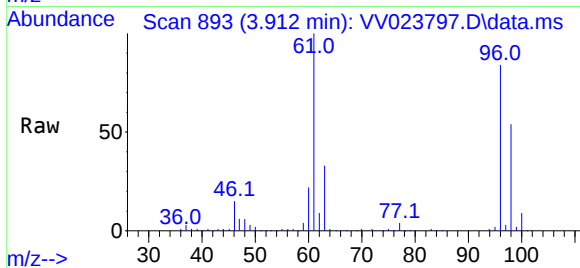
Tgt Ion: 96 Resp: 255573

Ion Ratio Lower Upper

96 100

61 119.1 83.4 154.8

68 0.0 0.0 0.0



#30

Cyclohexane

Concen: 36.403 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV023797.D

Acq: 06 Dec 2021 14:57

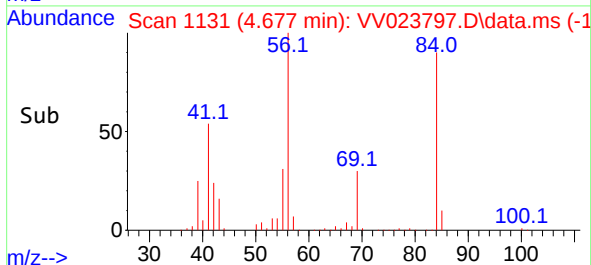
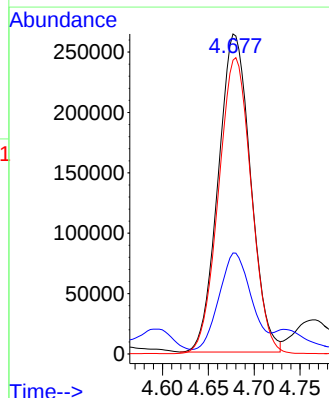
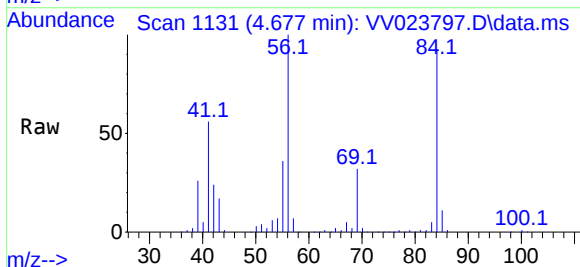
Tgt Ion: 56 Resp: 647093

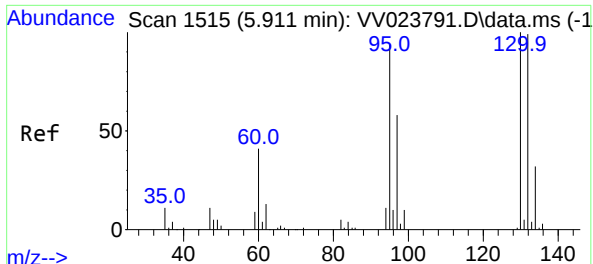
Ion Ratio Lower Upper

56 100

69 31.1 24.8 37.2

84 94.0 75.9 113.9



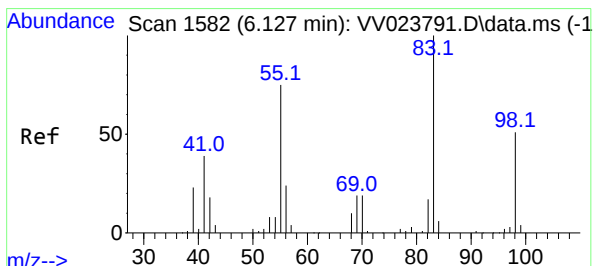
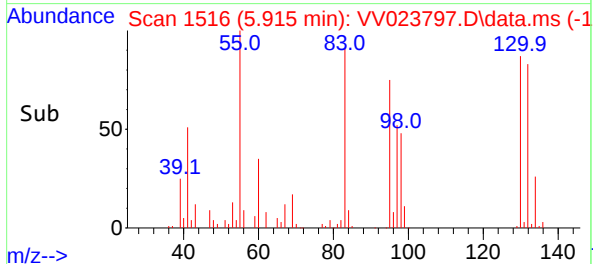
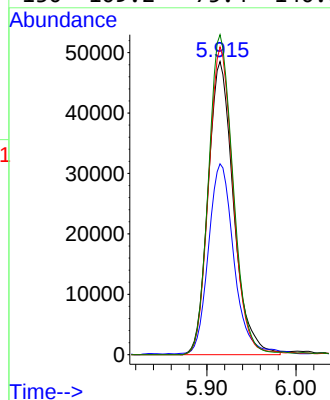
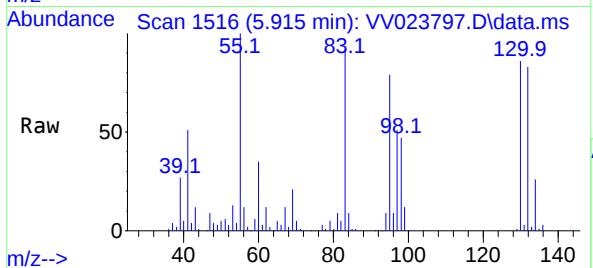


#34
Trichloroethene
Concen: 7.723 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023797.D
Acq: 06 Dec 2021 14:57

Instrument :
MSVOA_V
ClientSampleId :
C0G32

Tgt Ion: 95 Resp: 96139

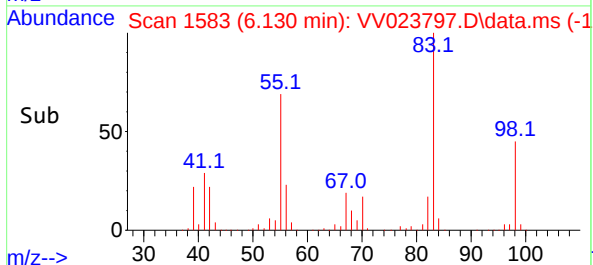
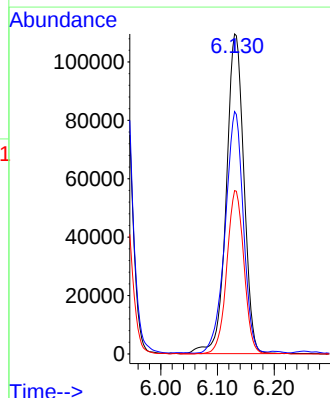
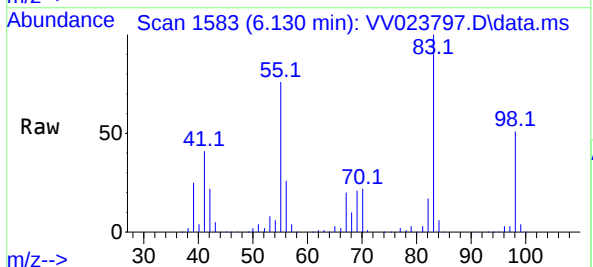
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.2	84.0
132	105.0	76.1	141.3
130	109.2	75.4	140.0

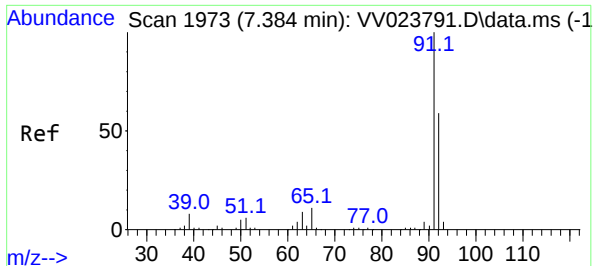


#35
Methylcyclohexane
Concen: 12.138 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023797.D
Acq: 06 Dec 2021 14:57

Tgt Ion: 83 Resp: 235557

Ion	Ratio	Lower	Upper
83	100		
55	78.4	60.2	90.2
98	50.0	41.0	61.4





#42

Toluene

Concen: 7.766 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023797.D

Acq: 06 Dec 2021 14:57

Instrument :

MSVOA_V

ClientSampleId :

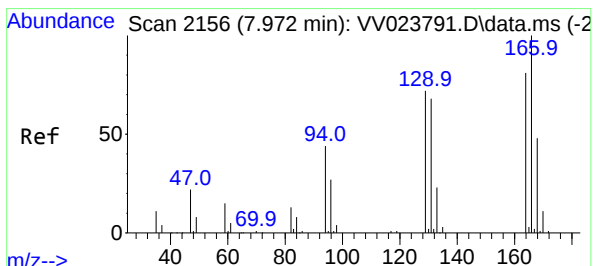
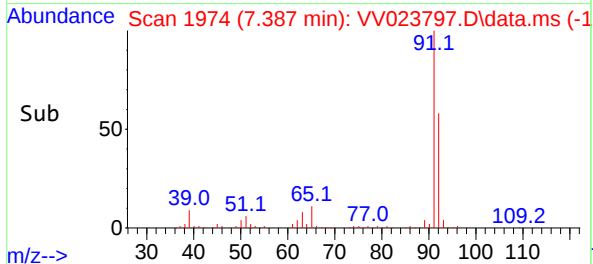
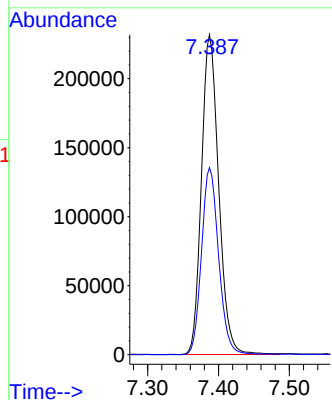
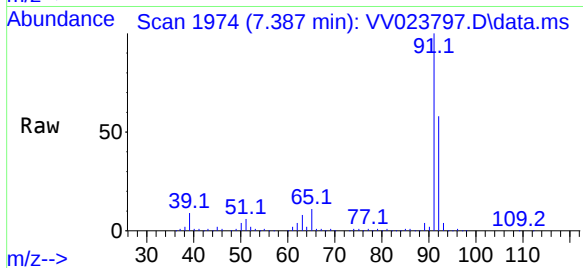
C0G32

Tgt Ion: 91 Resp: 391364

Ion Ratio Lower Upper

91 100

92 58.5 41.5 77.1



#47

Tetrachloroethene

Concen: 222.557 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV023797.D

Acq: 06 Dec 2021 14:57

Tgt Ion: 164 Resp: 2521714

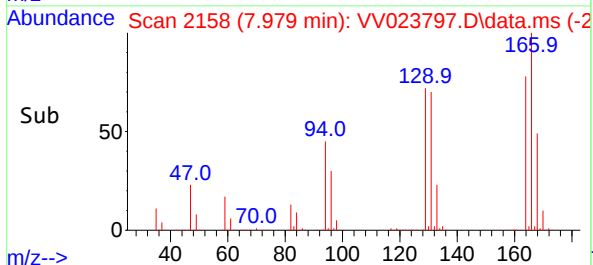
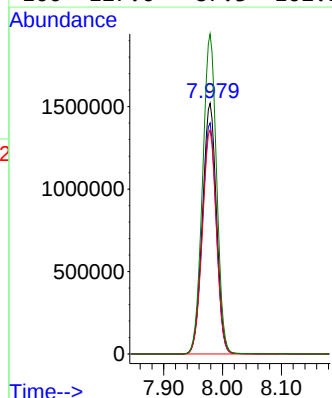
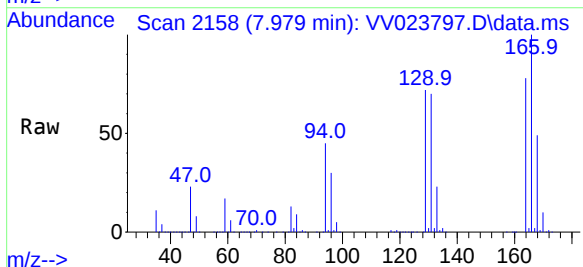
Ion Ratio Lower Upper

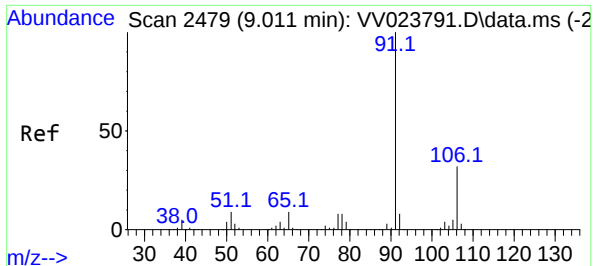
164 100

129 92.1 62.6 116.2

131 89.2 61.0 113.4

166 127.6 87.3 162.1

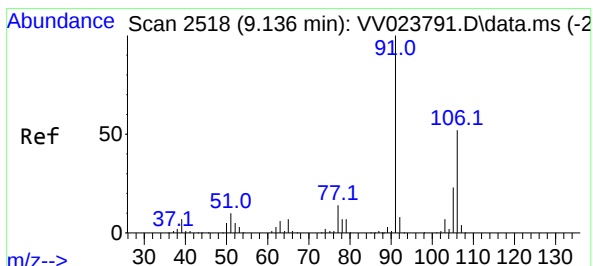
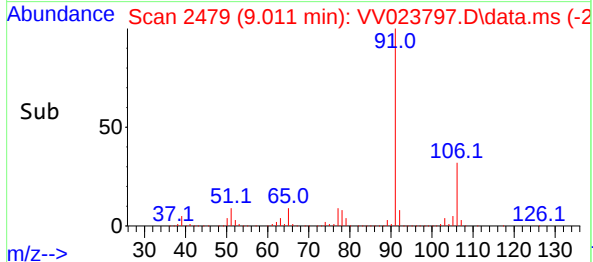
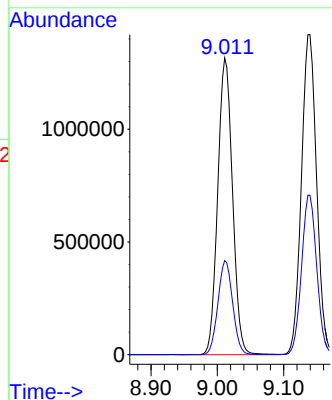
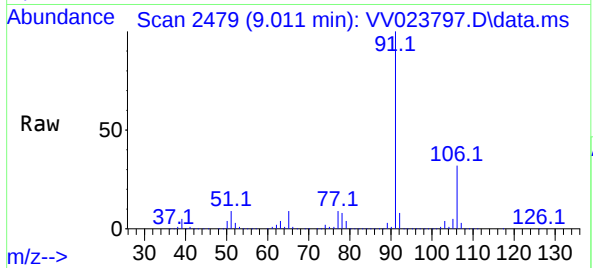




#52
Ethylbenzene
Concen: 38.527 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023797.D
Acq: 06 Dec 2021 14:57

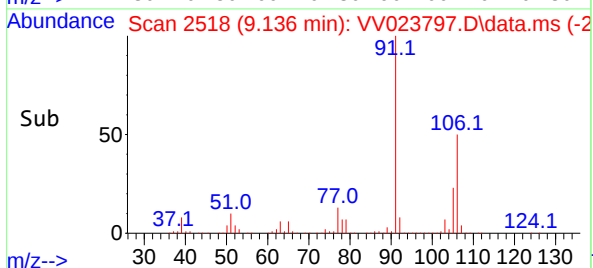
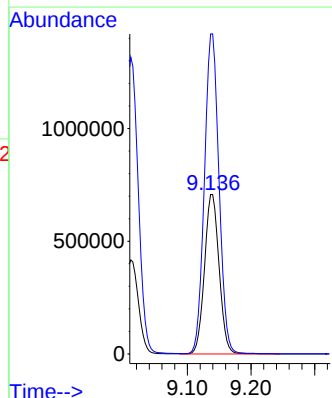
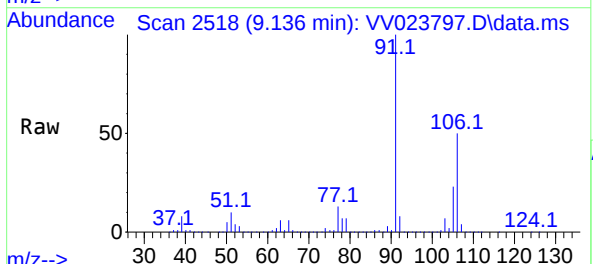
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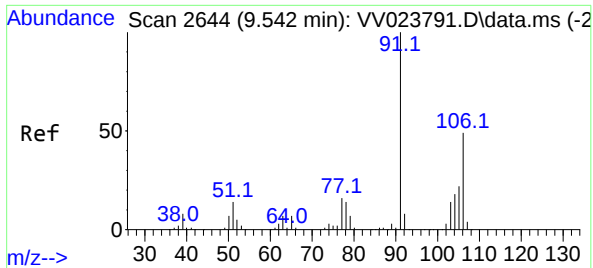
Tgt Ion: 91 Resp: 2029568
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0



#53
m,p-xylene
Concen: 53.553 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023797.D
Acq: 06 Dec 2021 14:57

Tgt Ion: 106 Resp: 1122805
Ion Ratio Lower Upper
106 100
91 200.6 139.5 259.1

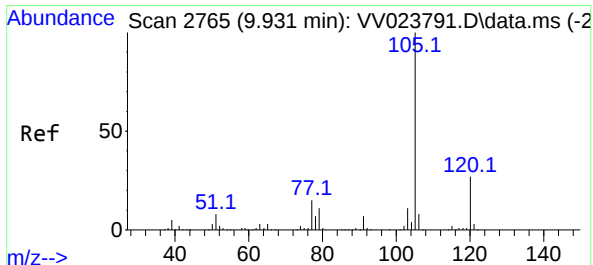
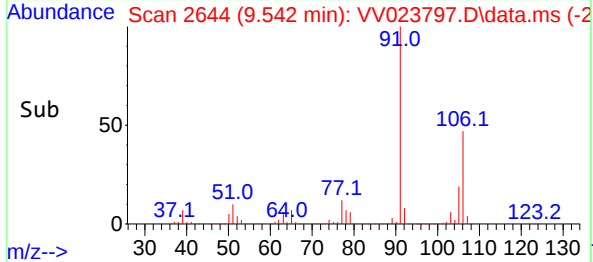
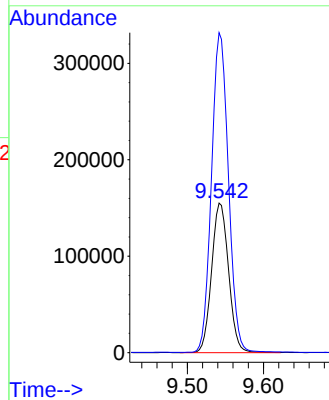
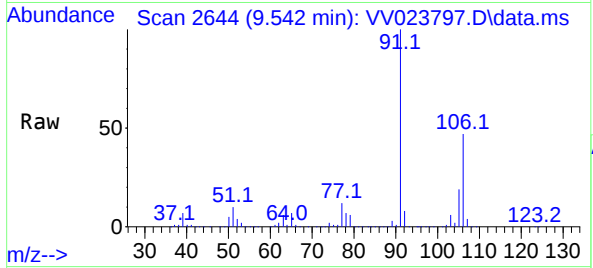




#54
o-xylene
Concen: 12.057 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023797.D
Acq: 06 Dec 2021 14:57

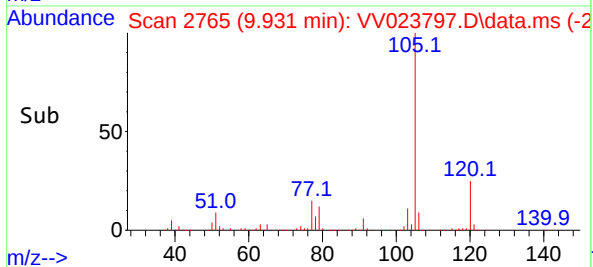
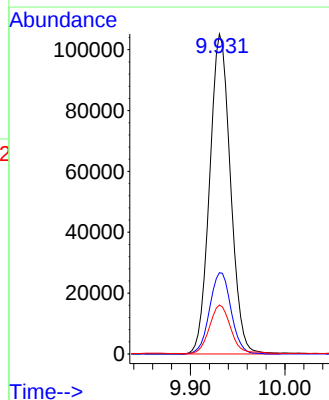
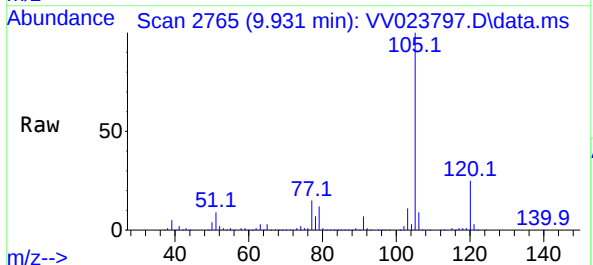
Instrument :
MSVOA_V
ClientSampleId :
C0G32

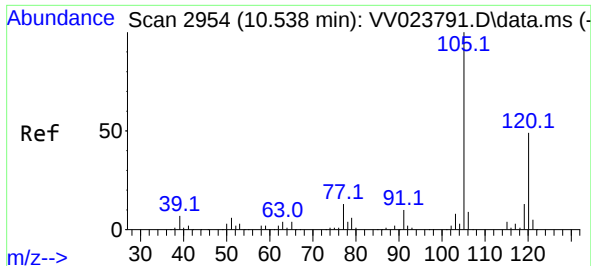
Tgt Ion:106 Resp: 240397
Ion Ratio Lower Upper
106 100
91 213.9 147.9 274.7



#60
Isopropylbenzene
Concen: 3.099 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023797.D
Acq: 06 Dec 2021 14:57

Tgt Ion:105 Resp: 161004
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 15.5 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 7.422 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023797.D

Acq: 06 Dec 2021 14:57

Instrument :

MSVOA_V

ClientSampleId :

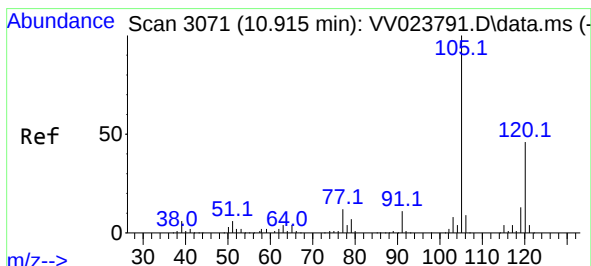
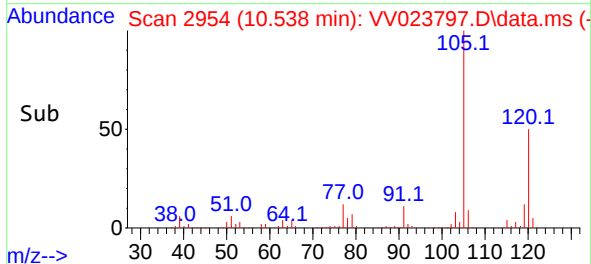
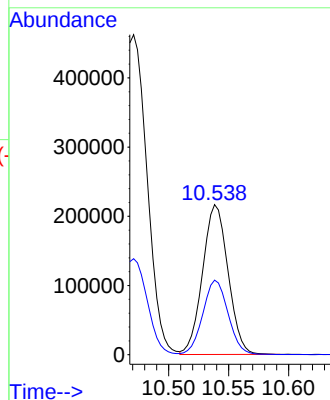
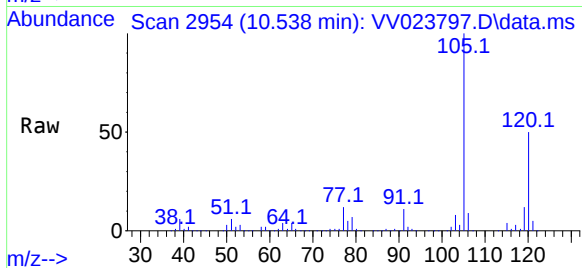
C0G32

Tgt Ion:105 Resp: 320909

Ion Ratio Lower Upper

105 100

120 49.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 68.416 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV023797.D

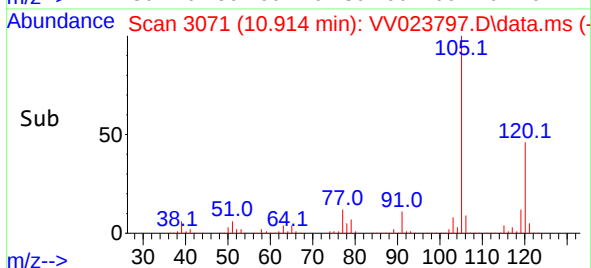
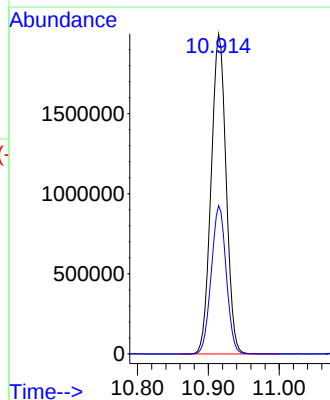
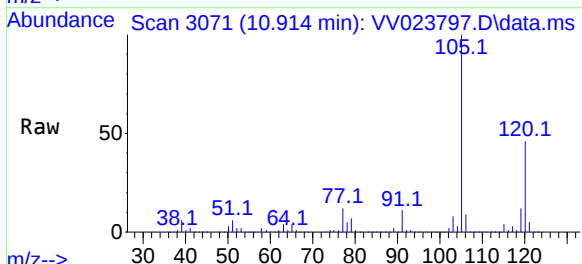
Acq: 06 Dec 2021 14:57

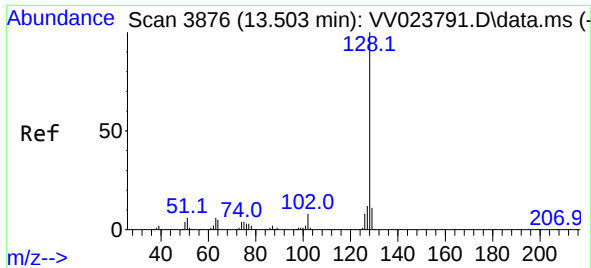
Tgt Ion:105 Resp: 2925382

Ion Ratio Lower Upper

105 100

120 46.3 36.7 55.1





#71

Naphthalene

Concen: 33.106 ug/L

RT: 13.500 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV023797.D

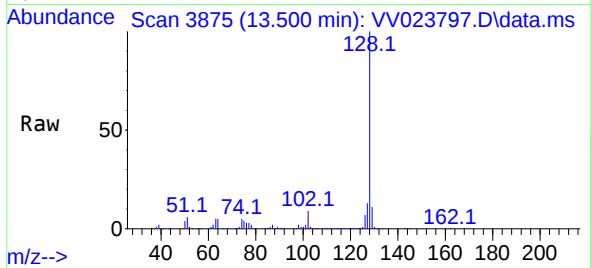
Acq: 06 Dec 2021 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0G32



Tgt Ion:128 Resp: 717040

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.1 10.2 15.4

