

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028756.D
 Acq On : 28 Oct 2022 14:55
 Operator : SY/MD
 Sample : N5233-09DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77DL

Quant Time: Oct 28 21:53:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 21:50:06 2022
 Response via : Initial Calibration

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

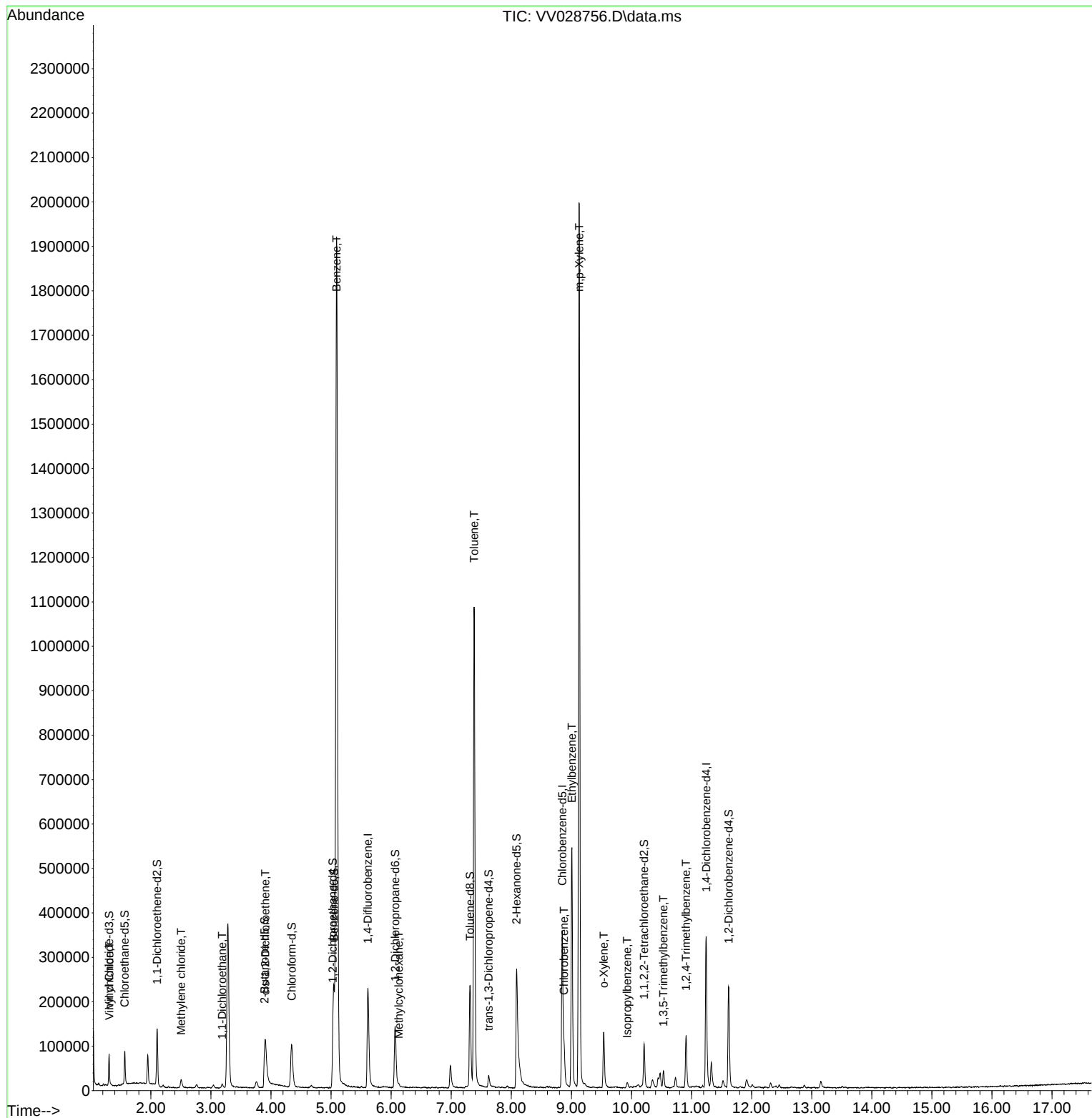
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	182349	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	170967	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	79654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45821	3.613	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.565	69	46717	4.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.105	63	72055	2.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.892	46	124611	43.091	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.180%
24) Chloroform-d	4.346	84	98051	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.027	65	53115	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.047	84	187869	4.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.066	67	68472	4.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.314	98	152283	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.622	79	17357	3.860	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.088	63	121535	58.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.120%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	48392	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	52720	4.798	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
5) Vinyl chloride	1.311	62	3696	0.259	ug/L #	64
16) Methylene chloride	2.503	84	6771	0.490	ug/L	93
19) 1,1-Dichloroethane	3.185	63	8387	0.345	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	32136	2.658	ug/L #	93
33) Benzene	5.092	78	1801624	35.259	ug/L	100
35) Methylcyclohexane	6.127	83	2282	0.131	ug/L #	82
42) Toluene	7.381	91	745547	15.388	ug/L	100
51) Chlorobenzene	8.876	112	44457	1.457	ug/L	97
52) Ethylbenzene	9.008	91	365495	6.788	ug/L	98
53) m,p-Xylene	9.130	106	495994	25.512	ug/L	97
54) o-Xylene	9.538	106	31843	1.628	ug/L	92
60) Isopropylbenzene	9.928	105	6935	0.138	ug/L #	82
62) 1,3,5-Trimethylbenzene	10.532	105	18412	1.259	ug/L	92
63) 1,2,4-Trimethylbenzene	10.908	105	62958	1.555	ug/L	97

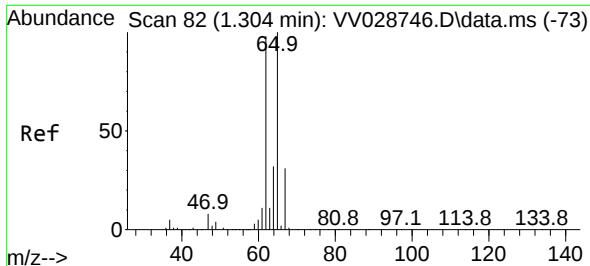
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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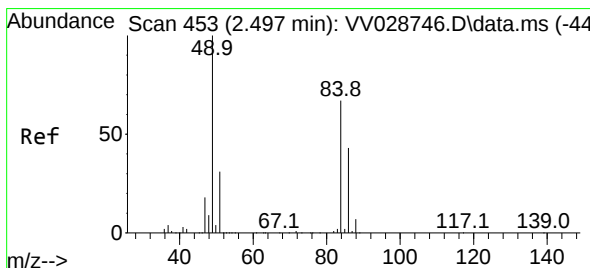
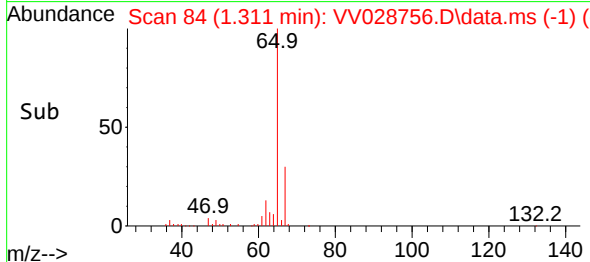
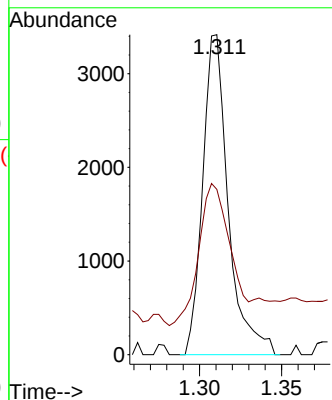
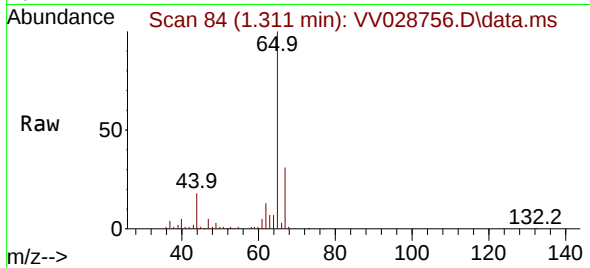




#5
 Vinyl chloride
 Concen: 0.259 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV028756.D
 Acq: 28 Oct 2022 14:55

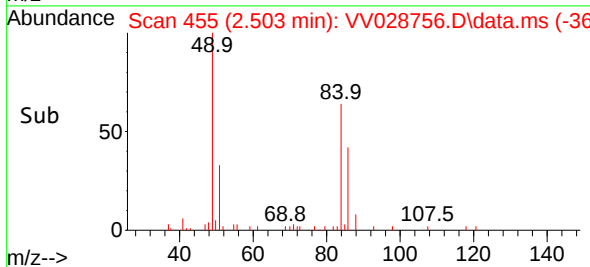
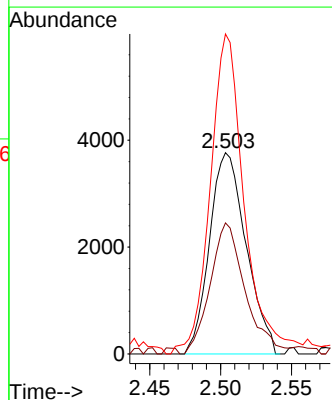
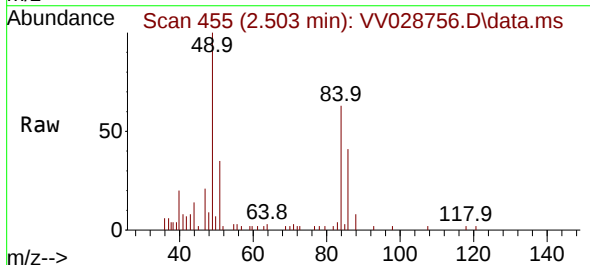
Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77DL

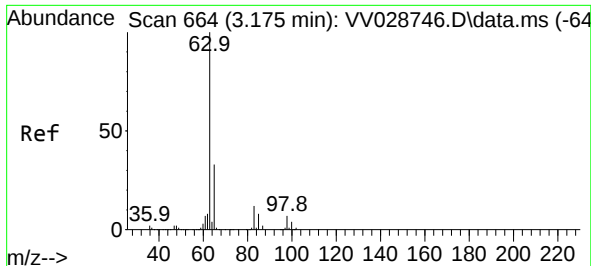
Tgt Ion: 62 Resp: 3696
 Ion Ratio Lower Upper
 62 100
 64 51.7 22.0 41.0#



#16
 Methylene chloride
 Concen: 0.490 ug/L
 RT: 2.503 min Scan# 455
 Delta R.T. 0.006 min
 Lab File: VV028756.D
 Acq: 28 Oct 2022 14:55

Tgt Ion: 84 Resp: 6771
 Ion Ratio Lower Upper
 84 100
 86 65.1 44.4 82.4
 49 170.7 110.8 205.8





#19

1,1-Dichloroethane

Concen: 0.345 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV028756.D

Acq: 28 Oct 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

BHA77DL

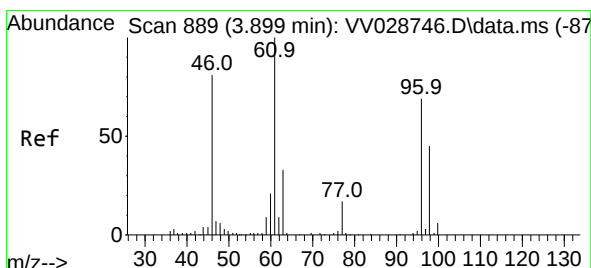
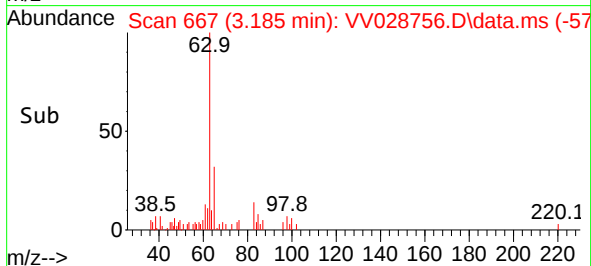
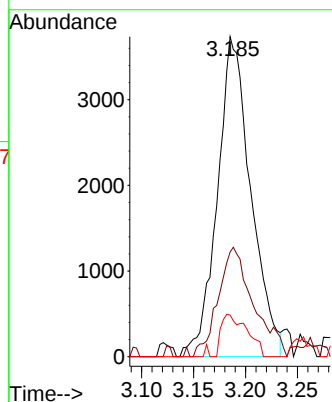
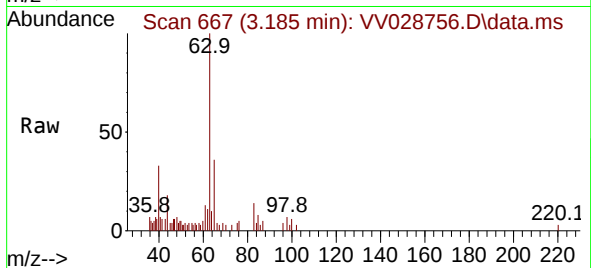
Tgt Ion: 63 Resp: 8387

Ion Ratio Lower Upper

63 100

65 32.7 23.1 42.9

83 13.0 7.9 14.7



#22

cis-1,2-Dichloroethene

Concen: 2.658 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV028756.D

Acq: 28 Oct 2022 14:55

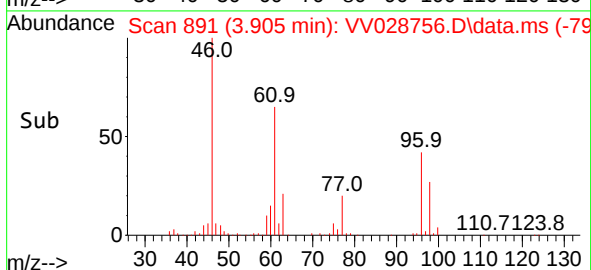
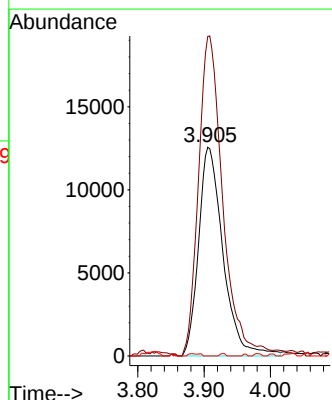
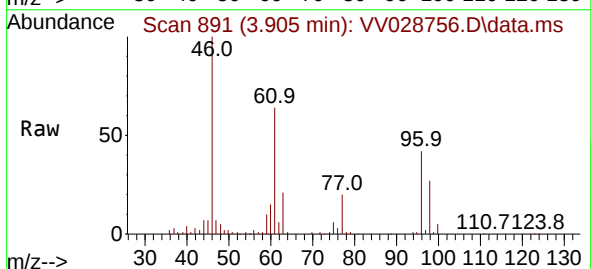
Tgt Ion: 96 Resp: 32136

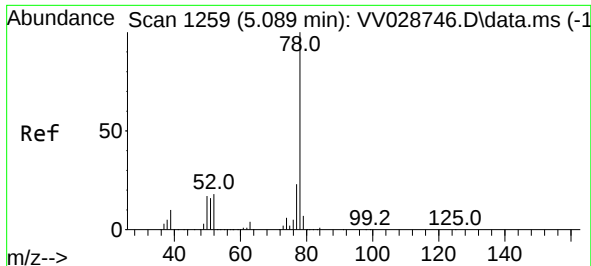
Ion Ratio Lower Upper

96 100

61 153.2 101.4 188.2

68 0.0 0.5 0.9#





#33

Benzene

Concen: 35.259 ug/L

RT: 5.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028756.D

Acq: 28 Oct 2022 14:55

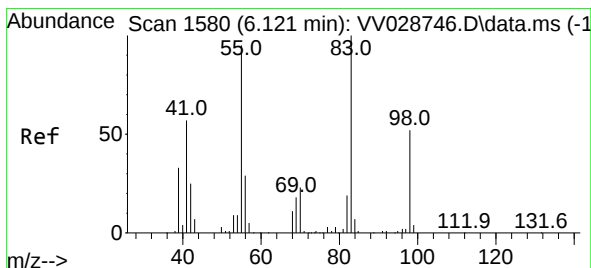
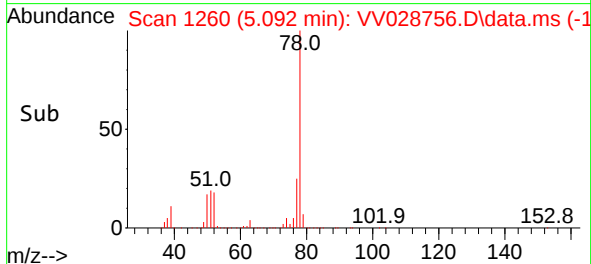
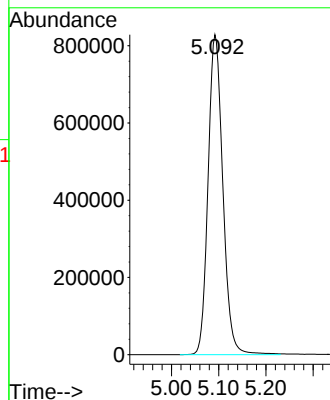
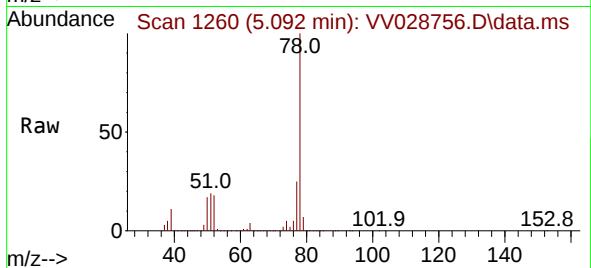
Instrument :

MSVOA_V

ClientSampleId :

BHA77DL

Tgt Ion: 78 Resp: 1801624



#35

Methylcyclohexane

Concen: 0.131 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.006 min

Lab File: VV028756.D

Acq: 28 Oct 2022 14:55

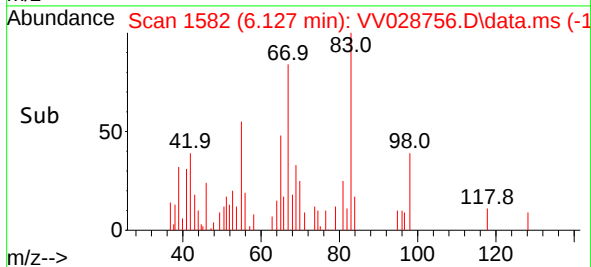
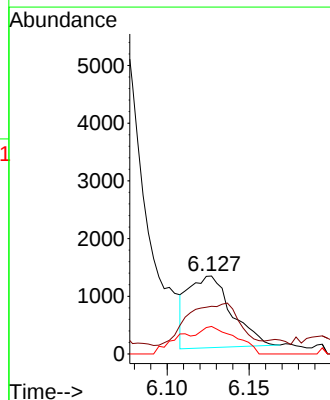
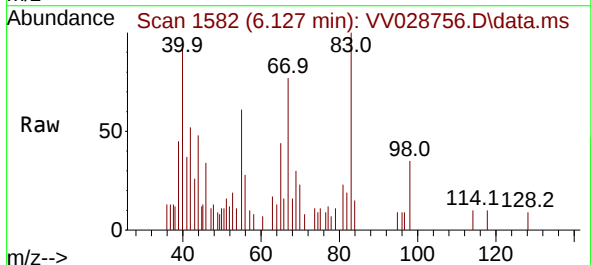
Tgt Ion: 83 Resp: 2282

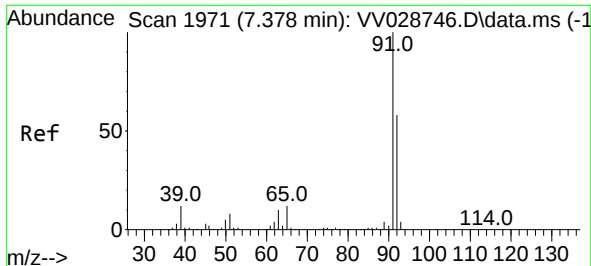
Ion Ratio Lower Upper

83 100

55 70.3 70.0 105.0

98 33.4 35.6 53.4#

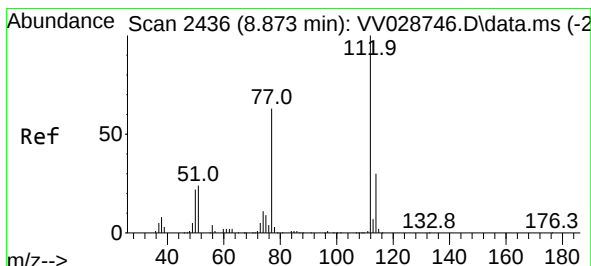
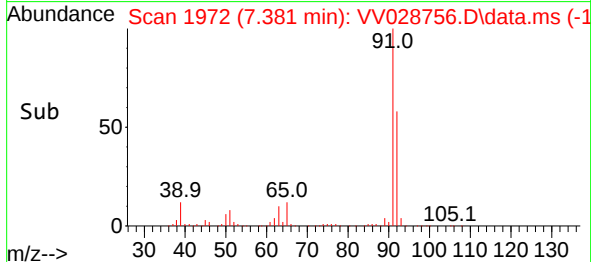
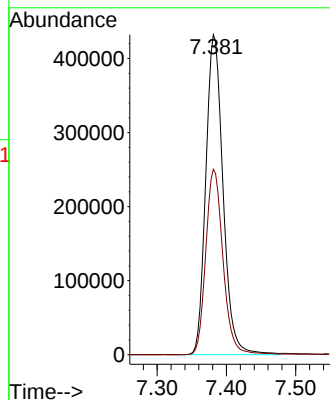
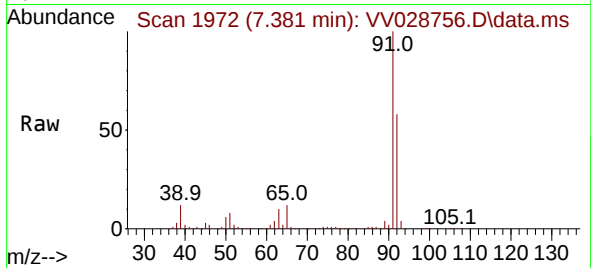




#42
Toluene
Concen: 15.388 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV028756.D
Acq: 28 Oct 2022 14:55

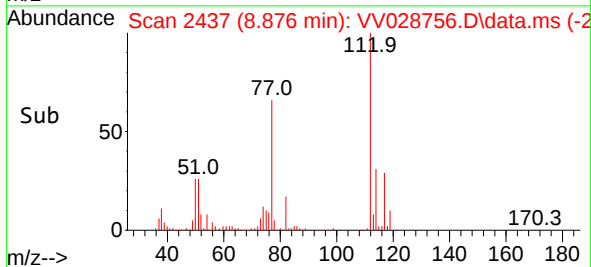
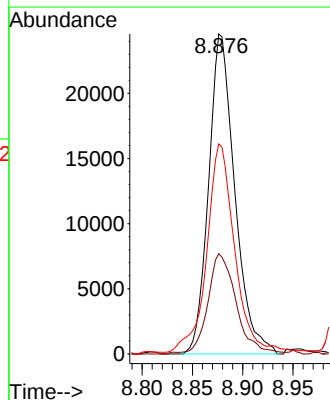
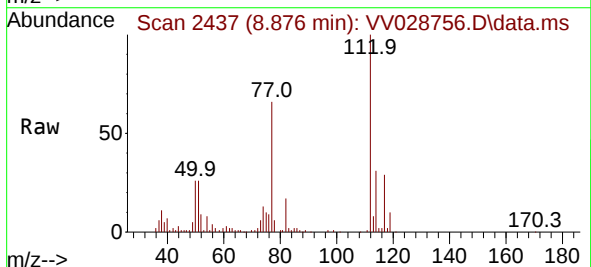
Instrument :
MSVOA_V
ClientSampleId :
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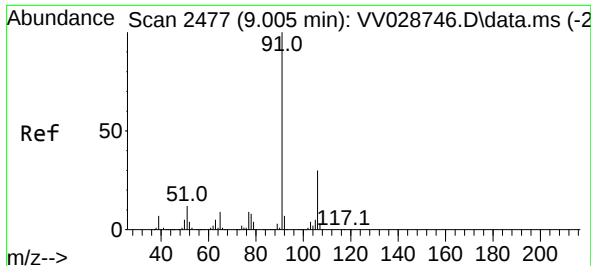
Tgt Ion: 91 Resp: 745547
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.3



#51
Chlorobenzene
Concen: 1.457 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028756.D
Acq: 28 Oct 2022 14:55

Tgt Ion: 112 Resp: 44457
Ion Ratio Lower Upper
112 100
114 31.3 22.0 41.0
77 65.7 50.0 75.0

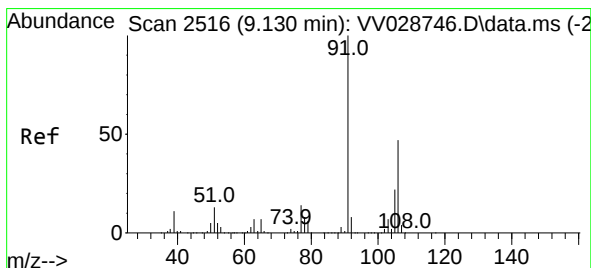
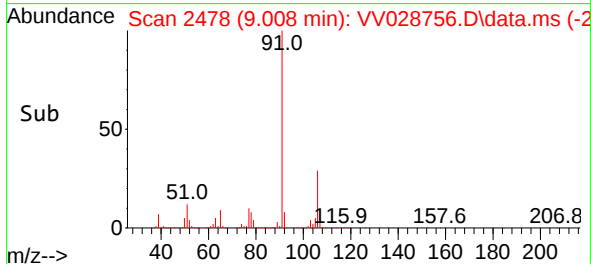
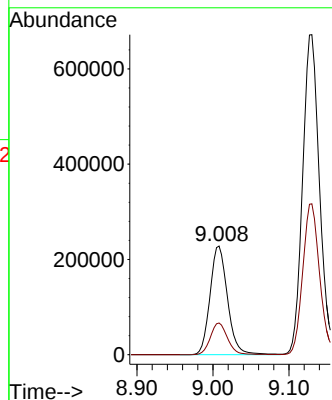
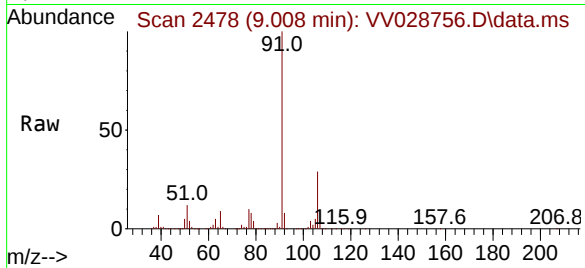




#52
Ethylbenzene
Concen: 6.788 ug/L
RT: 9.008 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV028756.D
Acq: 28 Oct 2022 14:55

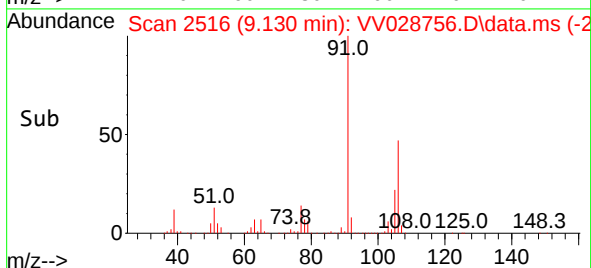
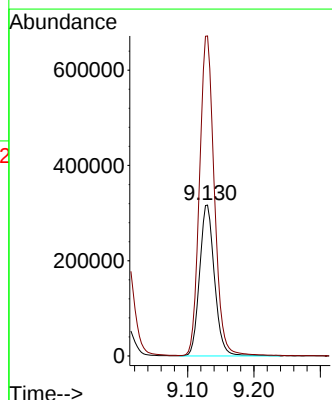
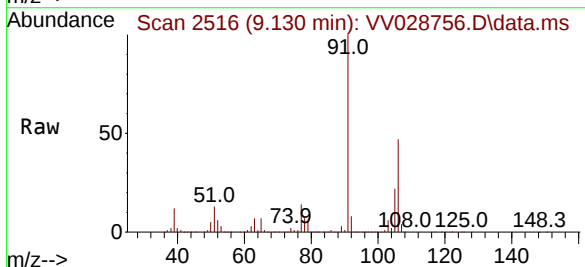
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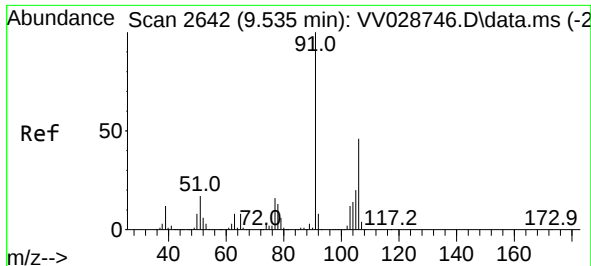
Tgt Ion: 91 Resp: 365495
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.6



#53
m,p-Xylene
Concen: 25.512 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028756.D
Acq: 28 Oct 2022 14:55

Tgt Ion: 106 Resp: 495994
Ion Ratio Lower Upper
106 100
91 212.0 145.5 270.1

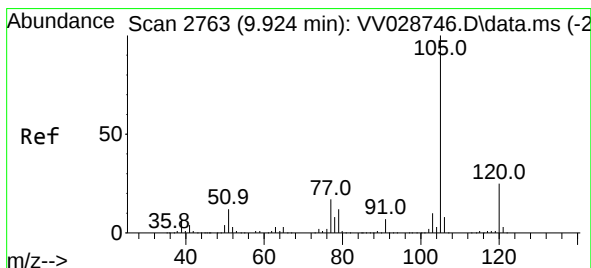
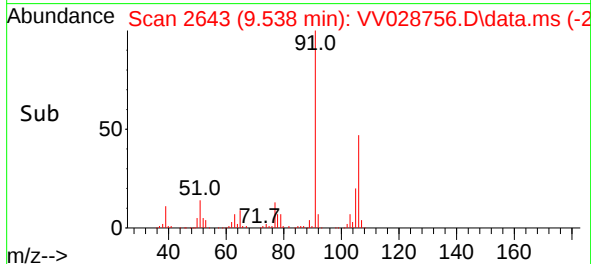
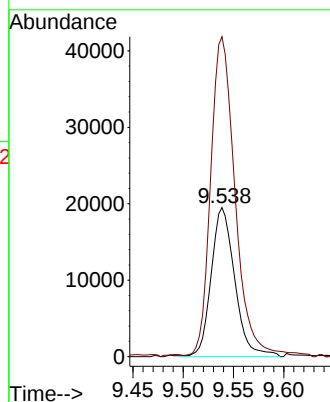
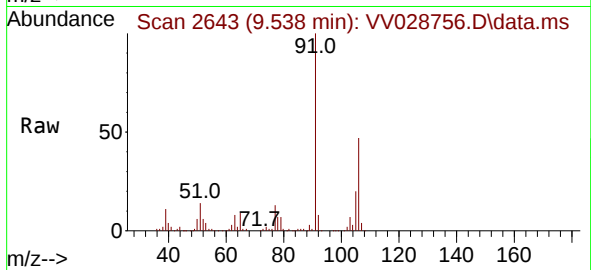




#54
o-Xylene
Concen: 1.628 ug/L
RT: 9.538 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028756.D
Acq: 28 Oct 2022 14:55

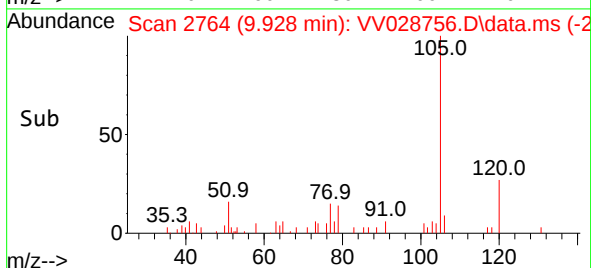
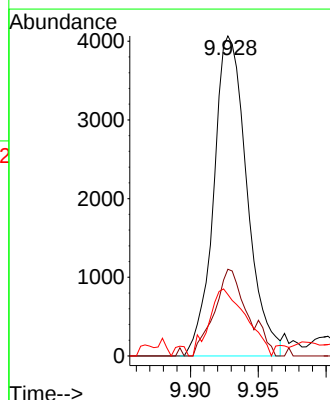
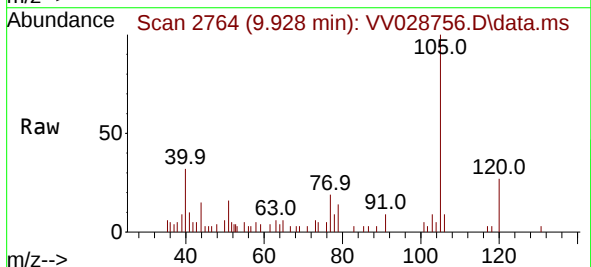
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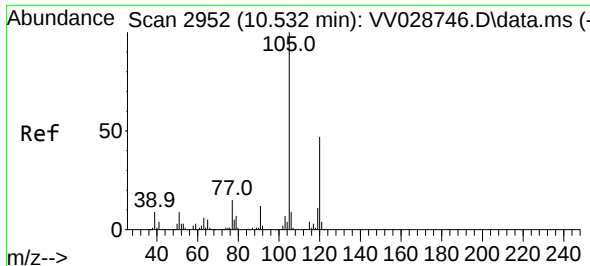
Tgt Ion:106 Resp: 31843
Ion Ratio Lower Upper
106 100
91 214.7 159.0 295.4



#60
Isopropylbenzene
Concen: 0.138 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.003 min
Lab File: VV028756.D
Acq: 28 Oct 2022 14:55

Tgt Ion:105 Resp: 6935
Ion Ratio Lower Upper
105 100
120 27.2 20.1 30.1
77 0.0 13.4 20.0#

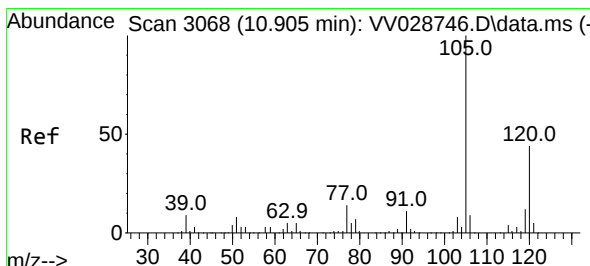
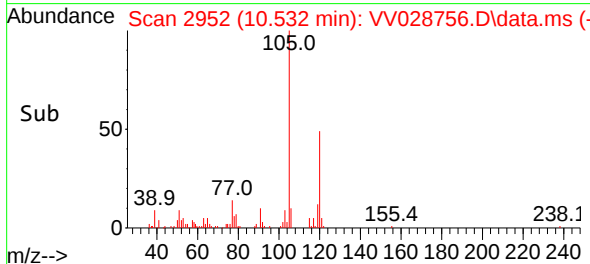
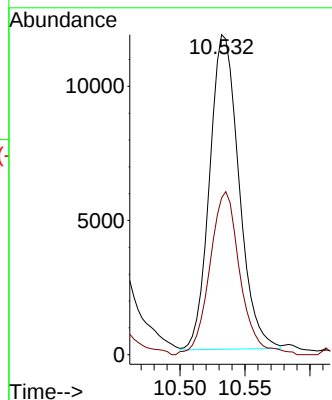
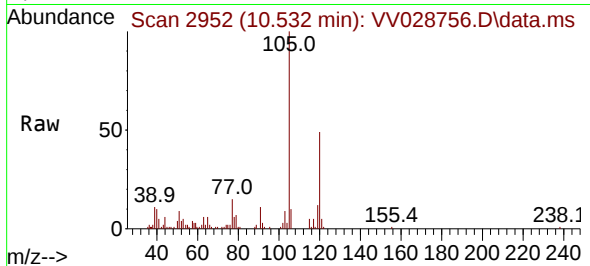




#62
1,3,5-Trimethylbenzene
Concen: 1.259 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VV028756.D
Acq: 28 Oct 2022 14:55

Instrument :
MSVOA_V
ClientSampleId :
BHA77DL

Tgt Ion:105 Resp: 18412
Ion Ratio Lower Upper
105 100
120 53.4 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 1.555 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028756.D
Acq: 28 Oct 2022 14:55

Tgt Ion:105 Resp: 62958
Ion Ratio Lower Upper
105 100
120 43.4 36.2 54.2

