

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028755.D
 Acq On : 28 Oct 2022 14:31
 Operator : SY/MD
 Sample : N5233-08DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA76DL

Quant Time: Oct 28 21:53:24 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	180313	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	167627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	73637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44158	3.521	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.568	69	44859	4.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.105	63	70155	2.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.896	46	175620	61.416	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.840%
24) Chloroform-d	4.346	84	96932	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.031	65	52297	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.047	84	184102	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.066	67	67619	4.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.314	98	149085	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.625	79	15249	3.459	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.088	63	115145	56.108	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.220%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	47643	5.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	49730	4.896	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	512	0.067	ug/L #	87
3) Chloromethane	1.240	50	922	0.065	ug/L #	55
5) Vinyl chloride	1.307	62	7735	0.548	ug/L	91
6) Bromomethane	1.523	94	536	0.080	ug/L	96
8) Chloroethane	1.307	64	2414	0.252	ug/L	83
12) 1,1-Dichloroethene	2.114	96	974	0.098	ug/L #	1
16) Methylene chloride	2.507	84	7075	0.518	ug/L	98
18) trans-1,2-Dichloroethene	2.770	96	482	0.048	ug/L #	53
22) cis-1,2-Dichloroethene	3.909	96	32940	2.755	ug/L #	96
30) Cyclohexane	4.661	56	2342	0.112	ug/L #	64
33) Benzene	5.095	78	296880	5.926	ug/L	100
51) Chlorobenzene	8.876	112	29830	0.997	ug/L	98
52) Ethylbenzene	9.011	91	20027	0.379	ug/L	98
53) m,p-Xylene	9.149	106	2251	0.118	ug/L	76
54) o-Xylene	9.551	106	1348	0.070	ug/L	59
60) Isopropylbenzene	9.931	105	6164	0.133	ug/L	94
61) 1,2,3-Trichloropropane	11.178	75	412	0.065	ug/L #	51
62) 1,3,5-Trimethylbenzene	10.915	105	1293	0.096	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
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Instrument :
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ClientSampleId :
BHA76DL

Quant Time: Oct 28 21:53:24 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

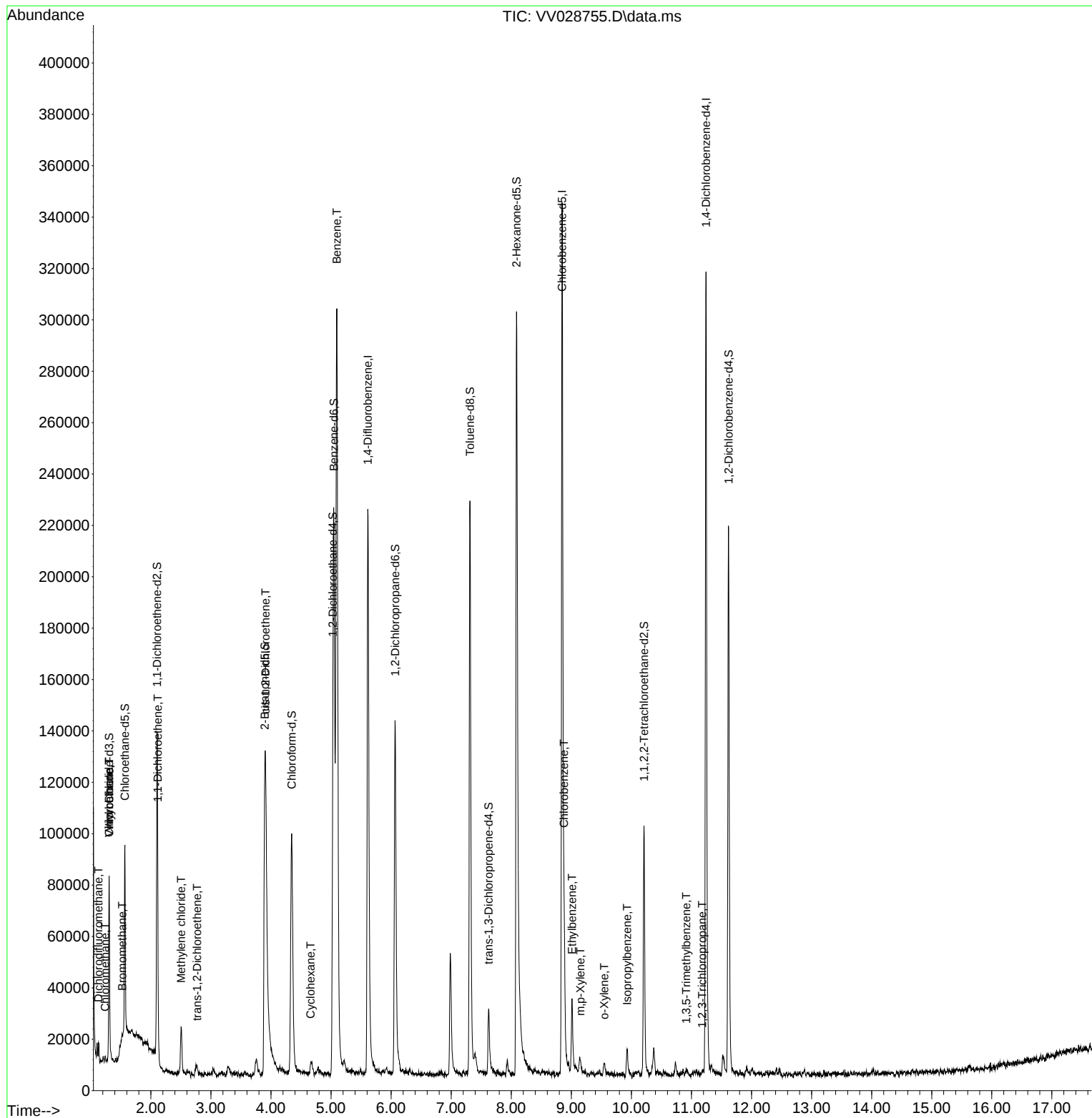
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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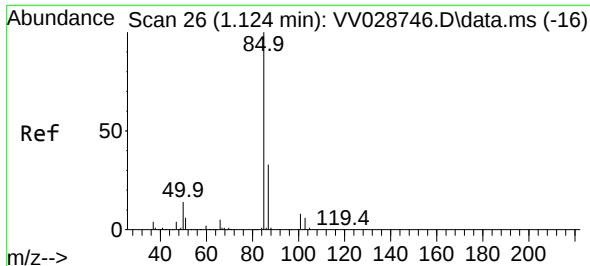
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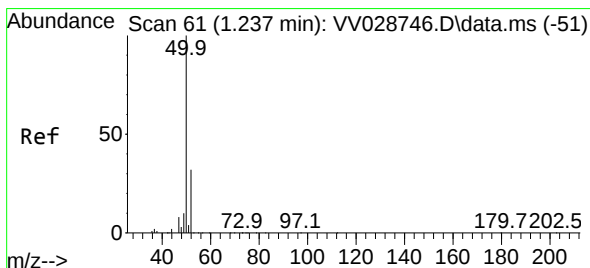
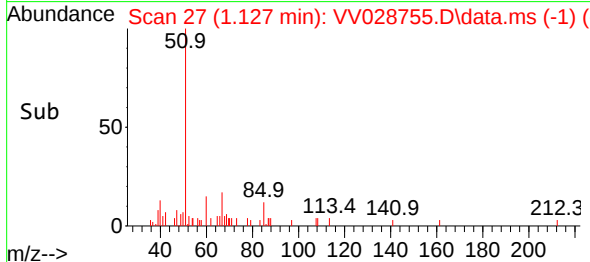
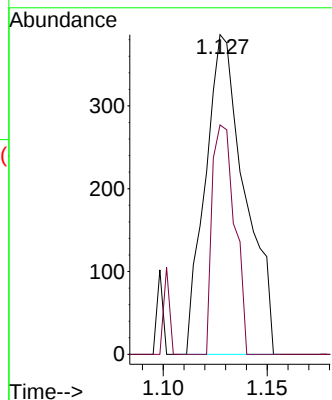
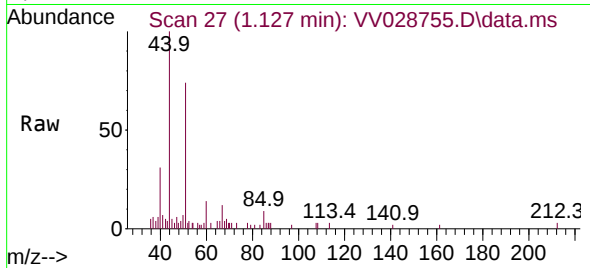




#2
 Dichlorodifluoromethane
 Concen: 0.067 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028755.D
 Acq: 28 Oct 2022 14:31

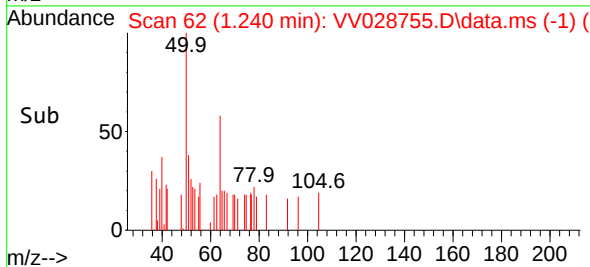
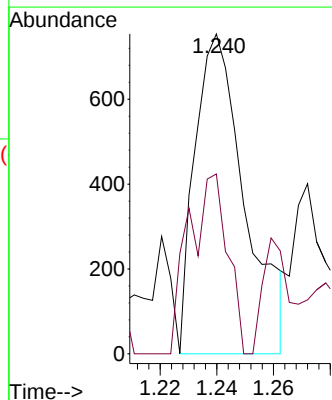
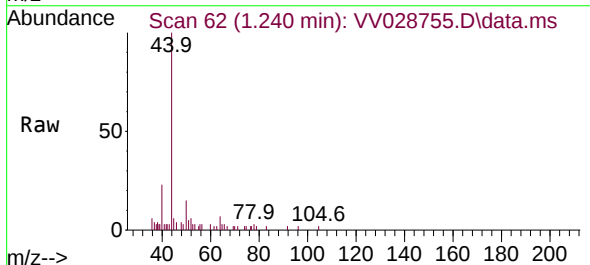
Instrument :
 MSVOA_V
 ClientSampleId :
 BHA76DL

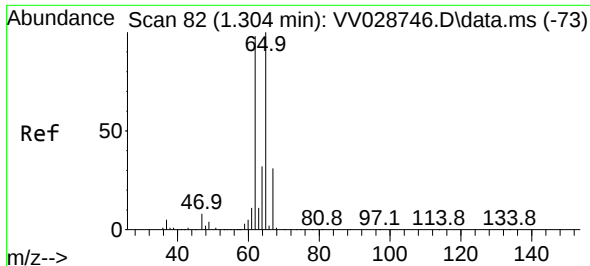
Tgt Ion: 85 Resp: 512
 Ion Ratio Lower Upper
 85 100
 87 40.6 26.6 40.0#



#3
 Chloromethane
 Concen: 0.065 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV028755.D
 Acq: 28 Oct 2022 14:31

Tgt Ion: 50 Resp: 922
 Ion Ratio Lower Upper
 50 100
 52 56.2 21.8 40.6#

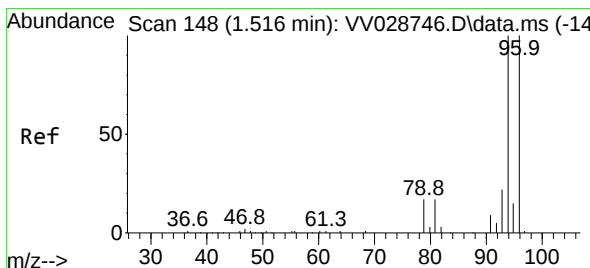
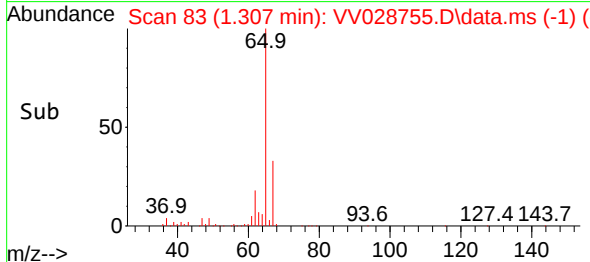
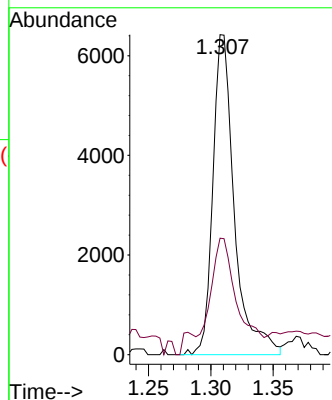
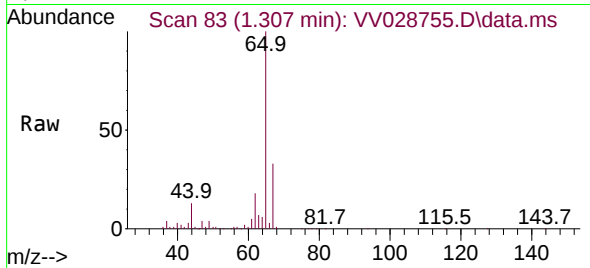




#5
 Vinyl chloride
 Concen: 0.548 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028755.D
 Acq: 28 Oct 2022 14:31

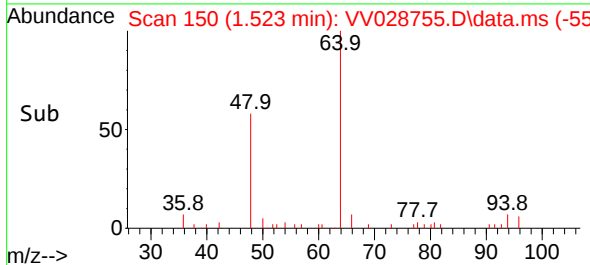
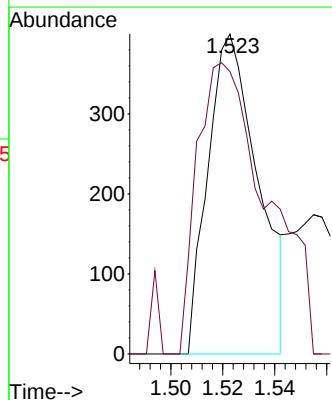
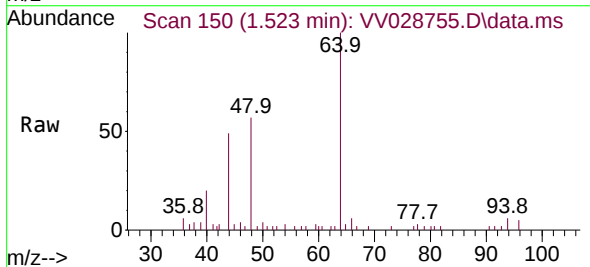
Instrument :
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 ClientSampleId :
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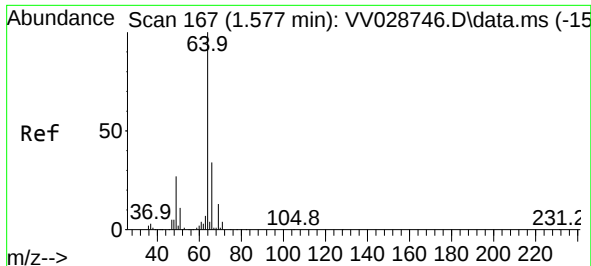
Tgt Ion: 62 Resp: 7735
 Ion Ratio Lower Upper
 62 100
 64 36.4 22.0 41.0



#6
 Bromomethane
 Concen: 0.080 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.006 min
 Lab File: VV028755.D
 Acq: 28 Oct 2022 14:31

Tgt Ion: 94 Resp: 536
 Ion Ratio Lower Upper
 94 100
 96 88.3 64.3 119.3

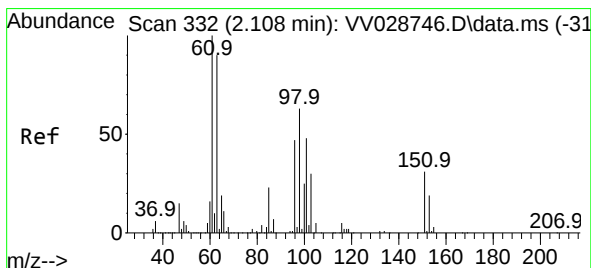
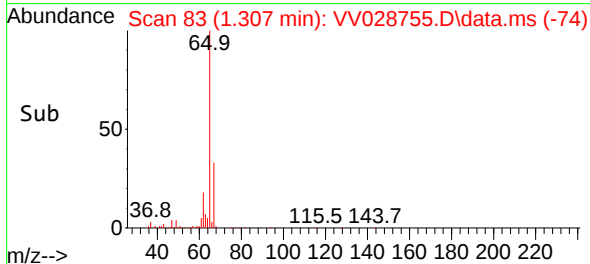
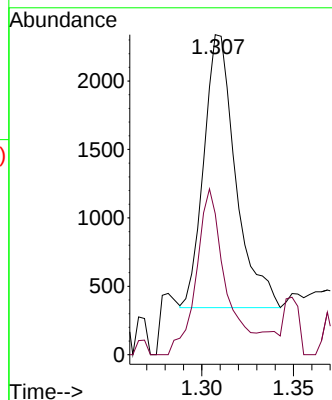
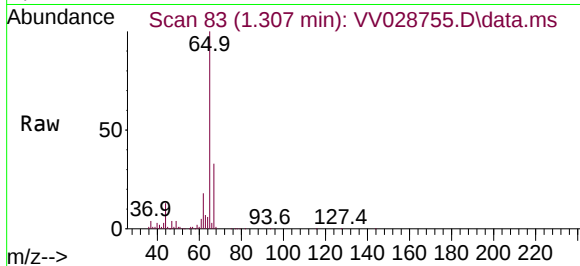




#8
Chloroethane
Concen: 0.252 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.270 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

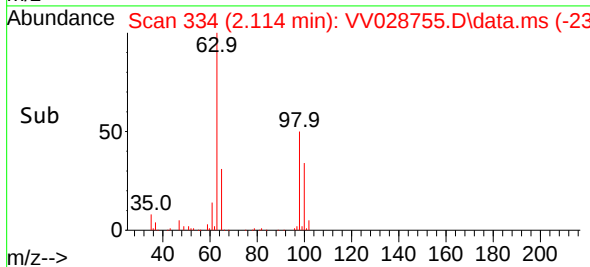
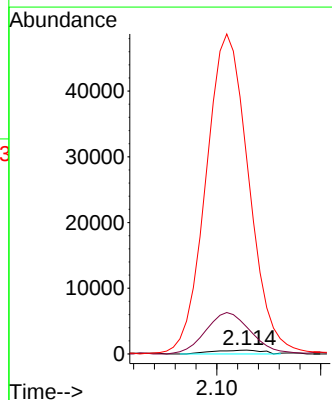
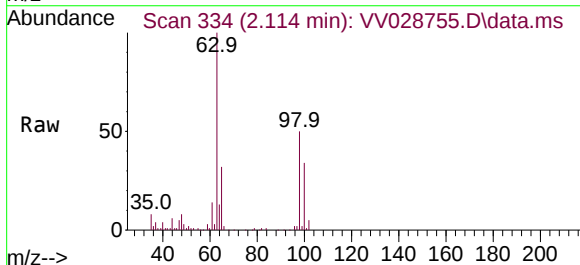
Instrument :
MSVOA_V
ClientSampleId :
BHA76DL

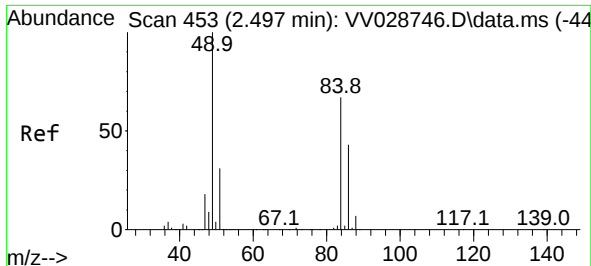
Tgt Ion: 64 Resp: 2414
Ion Ratio Lower Upper
64 100
66 44.1 23.9 44.5



#12
1,1-Dichloroethene
Concen: 0.098 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.006 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Tgt Ion: 96 Resp: 974
Ion Ratio Lower Upper
96 100
61 701.0 148.1 275.1#
63 5084.0 133.3 247.7#

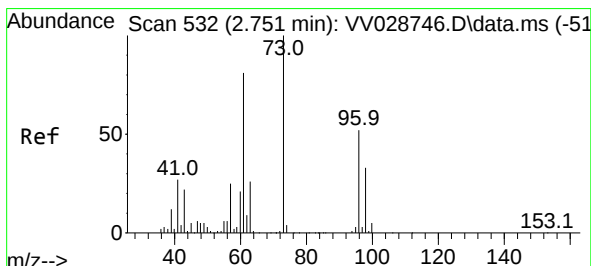
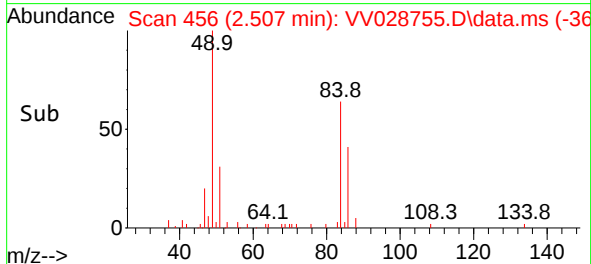
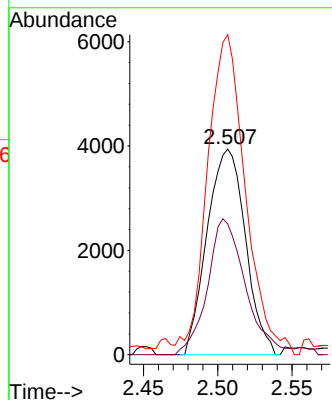
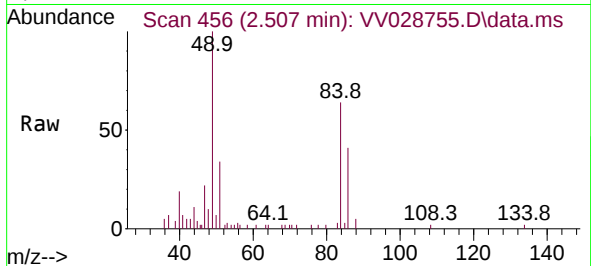




#16
Methylene chloride
Concen: 0.518 ug/L
RT: 2.507 min Scan# 453
Delta R.T. 0.010 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

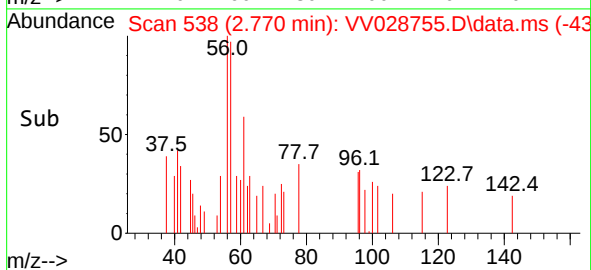
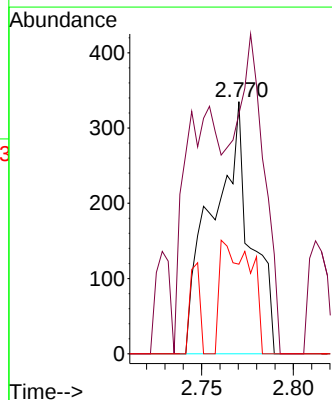
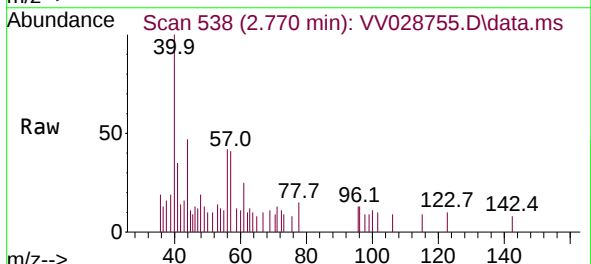
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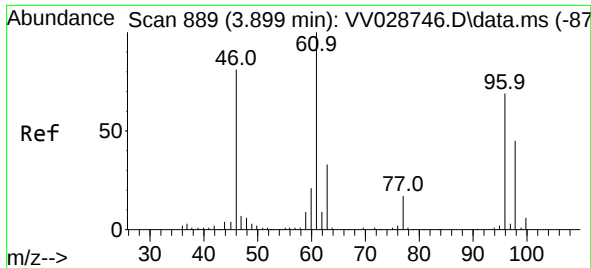
Tgt Ion: 84 Resp: 7075
Ion Ratio Lower Upper
84 100
86 63.6 44.4 82.4
49 155.6 110.8 205.8



#18
trans-1,2-Dichloroethene
Concen: 0.048 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.019 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Tgt Ion: 96 Resp: 482
Ion Ratio Lower Upper
96 100
61 95.2 114.3 212.3#
98 35.5 45.0 83.6#





#22

cis-1,2-Dichloroethene

Concen: 2.755 ug/L

RT: 3.909 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV028755.D

Acq: 28 Oct 2022 14:31

Instrument :

MSVOA_V

ClientSampleId :

BHA76DL

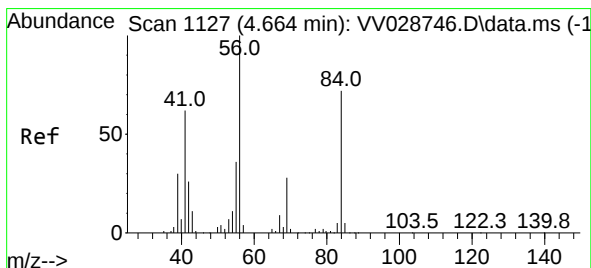
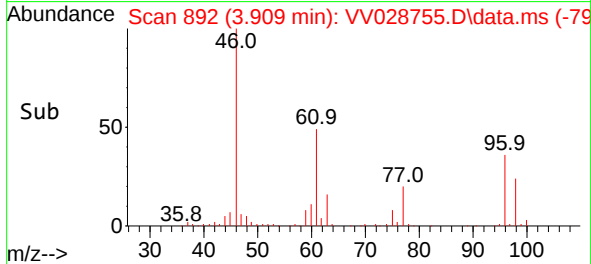
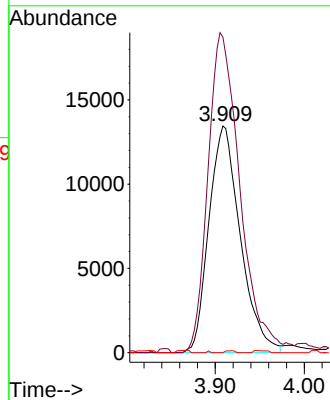
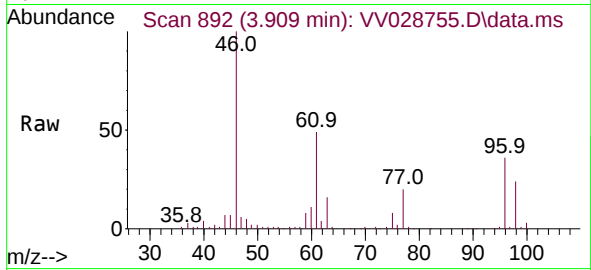
Tgt Ion: 96 Resp: 32940

Ion Ratio Lower Upper

96 100

61 139.2 101.4 188.2

68 0.0 0.5 0.9#



#30

Cyclohexane

Concen: 0.112 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.003 min

Lab File: VV028755.D

Acq: 28 Oct 2022 14:31

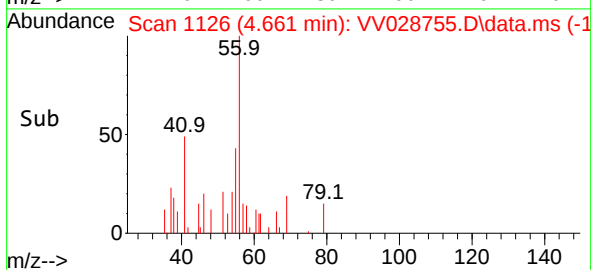
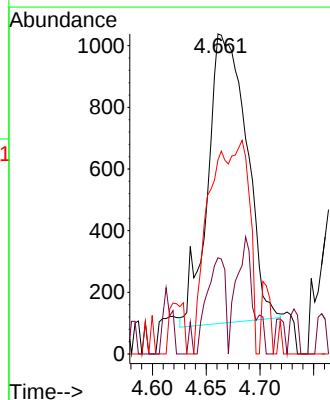
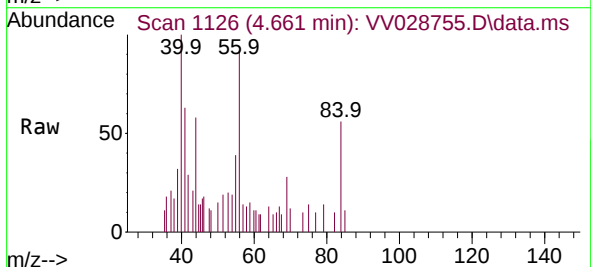
Tgt Ion: 56 Resp: 2342

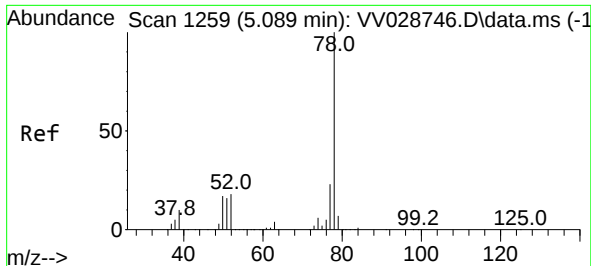
Ion Ratio Lower Upper

56 100

69 15.5 22.6 34.0#

84 41.3 60.4 90.6#

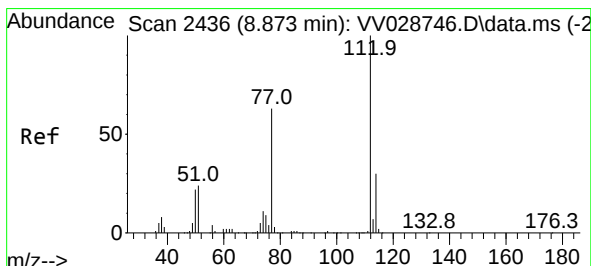
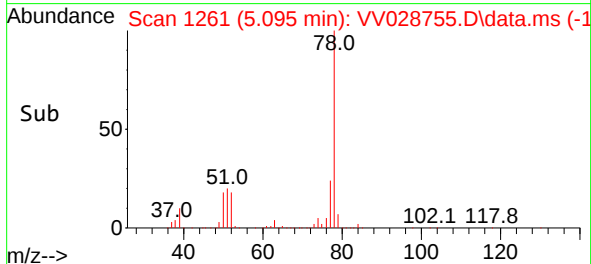
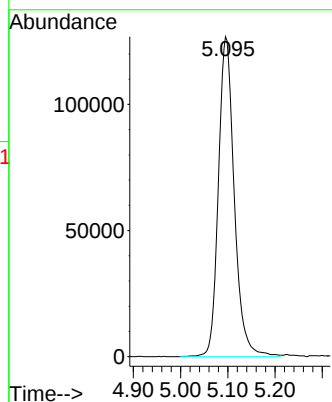
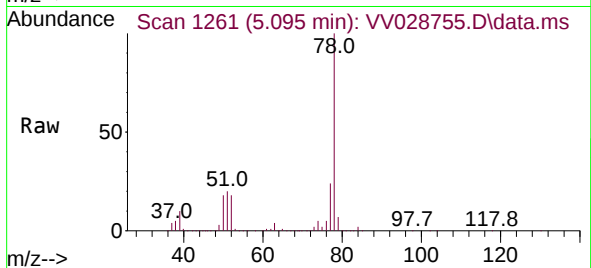




#33
Benzene
Concen: 5.926 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

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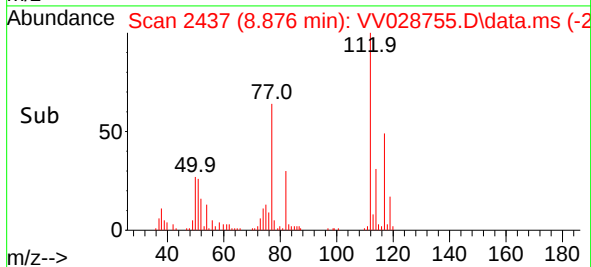
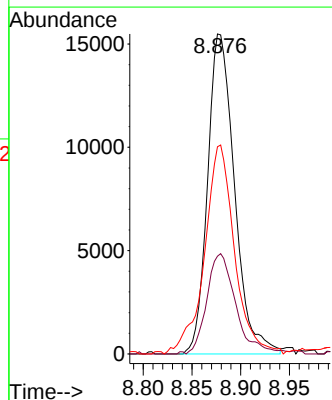
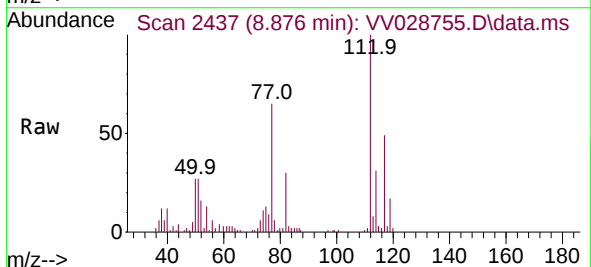
Tgt Ion: 78 Resp: 296880

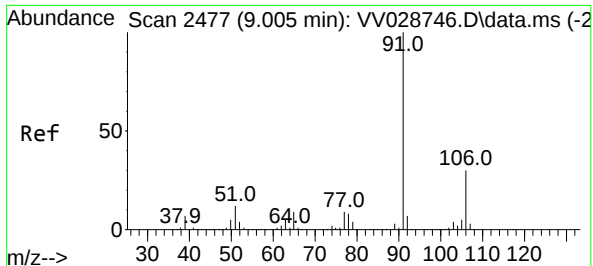


#51
Chlorobenzene
Concen: 0.997 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
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Acq: 28 Oct 2022 14:31

Tgt Ion:112 Resp: 29830

Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.0	41.0
77	64.7	50.0	75.0

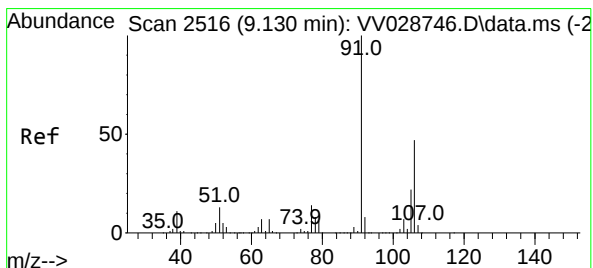
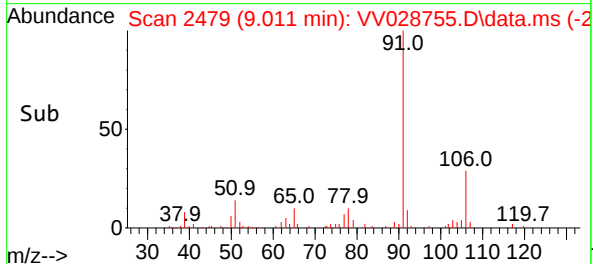
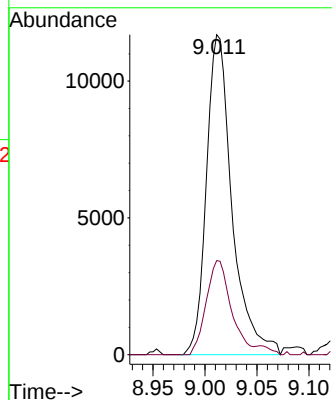
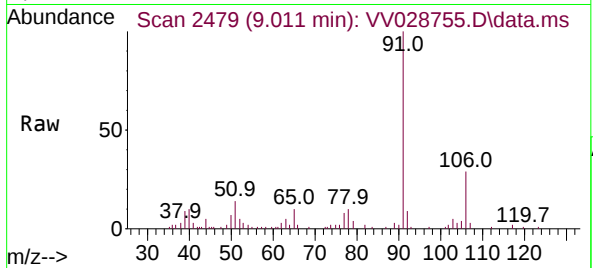




#52
Ethylbenzene
Concen: 0.379 ug/L
RT: 9.011 min Scan# 2477
Delta R.T. 0.006 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

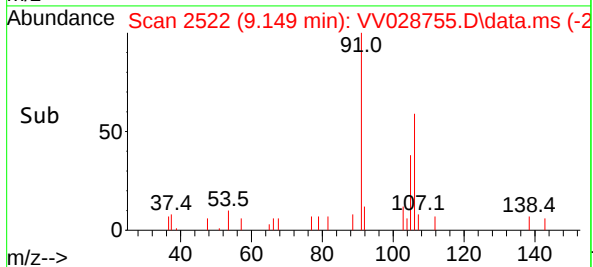
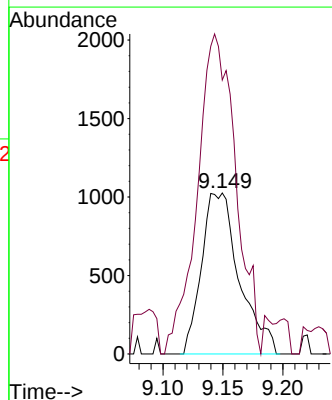
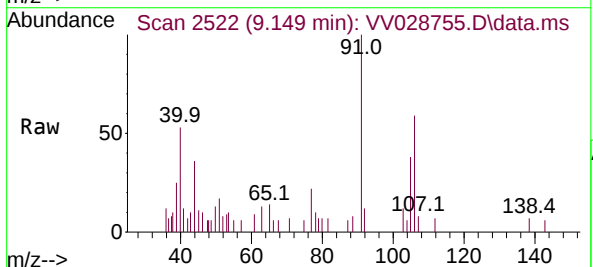
Instrument :
MSVOA_V
ClientSampleId :
BHA76DL

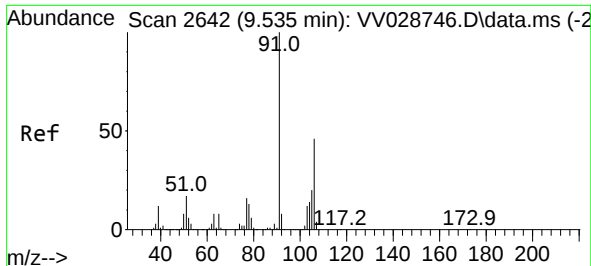
Tgt Ion: 91 Resp: 20027
Ion Ratio Lower Upper
91 100
106 29.4 21.3 39.6



#53
m,p-Xylene
Concen: 0.118 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.019 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Tgt Ion: 106 Resp: 2251
Ion Ratio Lower Upper
106 100
91 170.1 145.5 270.1

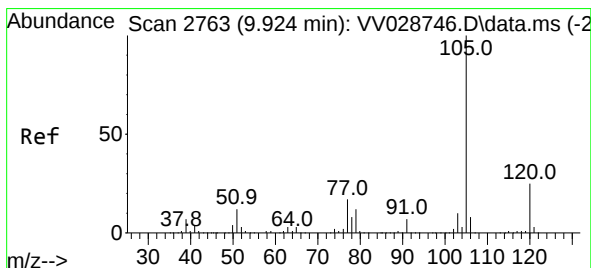
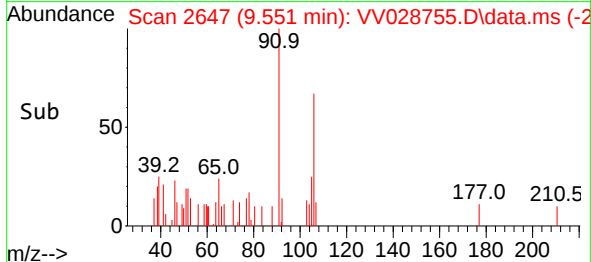
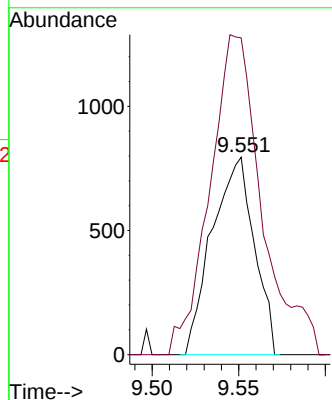
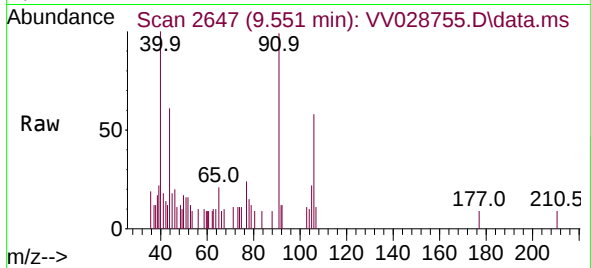




#54
o-Xylene
Concen: 0.070 ug/L
RT: 9.551 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

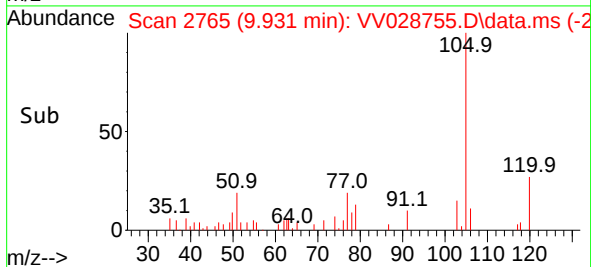
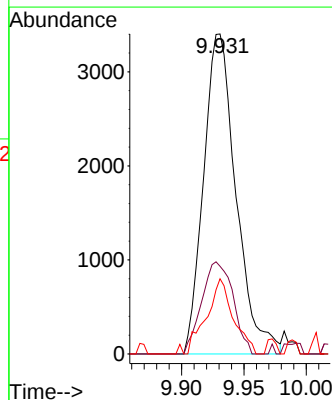
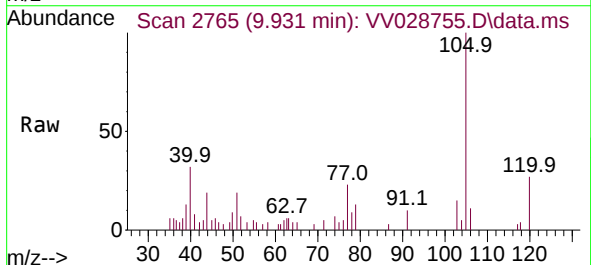
Instrument :
MSVOA_V
ClientSampleId :
BHA76DL

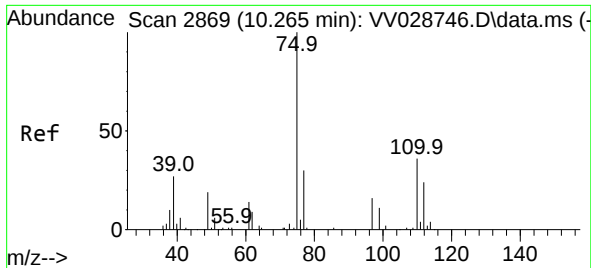
Tgt Ion:106 Resp: 1348
Ion Ratio Lower Upper
106 100
91 160.5 159.0 295.4



#60
Isopropylbenzene
Concen: 0.133 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.006 min
Lab File: VV028755.D
Acq: 28 Oct 2022 14:31

Tgt Ion:105 Resp: 6164
Ion Ratio Lower Upper
105 100
120 27.8 20.1 30.1
77 19.4 13.4 20.0

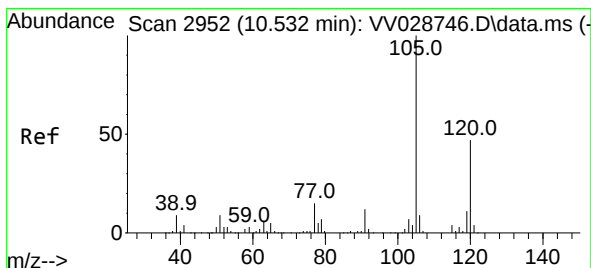
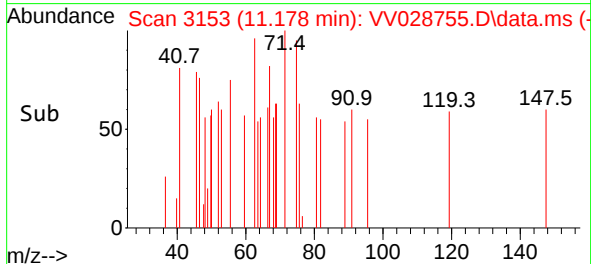
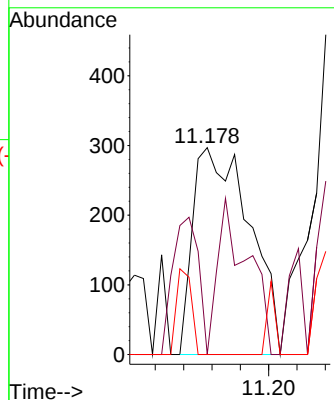
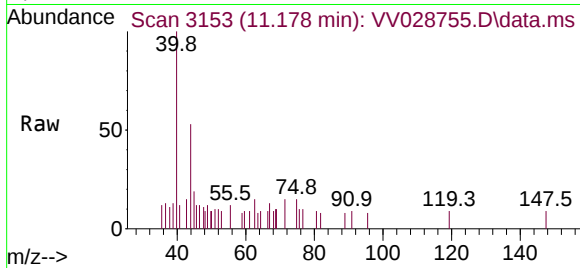




#61
 1,2,3-Trichloropropane
 Concen: 0.065 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.913 min
 Lab File: VV028755.D
 Acq: 28 Oct 2022 14:31

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA76DL

Tgt Ion: 75 Resp: 412
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 110 10.9 27.9 41.9#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.096 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.383 min
 Lab File: VV028755.D
 Acq: 28 Oct 2022 14:31

Tgt Ion: 105 Resp: 1293
 Ion Ratio Lower Upper
 105 100
 120 49.8 38.3 57.5

