

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028736.D
 Acq On : 27 Oct 2022 23:27
 Operator : SY/MD
 Sample : N5232-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA90

Quant Time: Oct 28 05:37:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 05:21:35 2022
 Response via : Initial Calibration

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

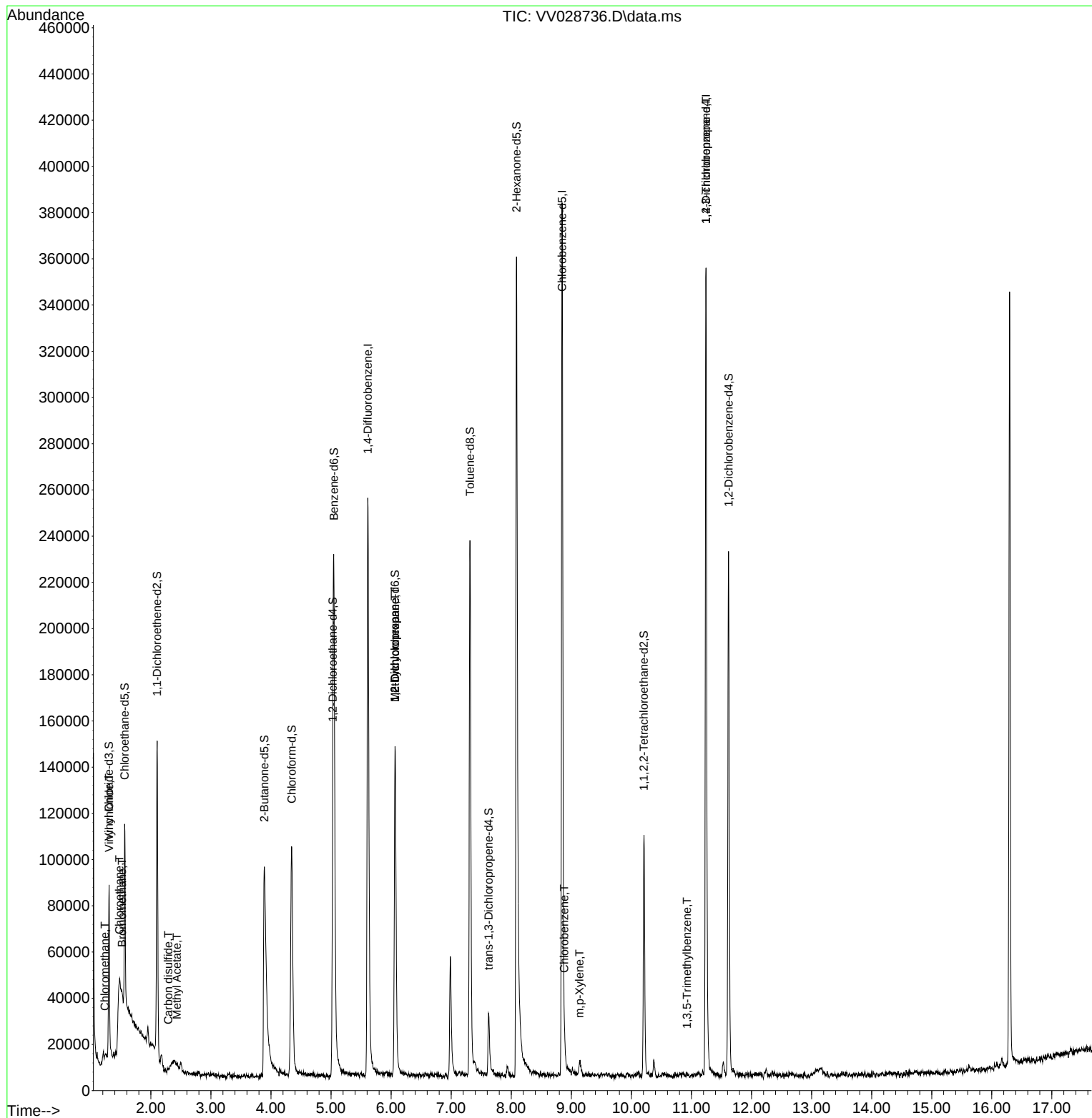
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	206751	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	190133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	82792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47970	3.336	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.564	69	49779	4.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.105	63	74465	2.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.600%#
20) 2-Butanone-d5	3.889	46	195951	59.764	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.520%
24) Chloroform-d	4.346	84	100466	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.027	65	55890	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.047	84	192988	3.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.066	67	70868	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.313	98	154519	3.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.625	79	16278	3.255	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.088	63	126633	54.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.800%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	50308	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	53426	4.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	1602	0.098	ug/L	100
5) Vinyl chloride	1.307	62	717	0.044	ug/L #	1
6) Bromomethane	1.519	94	994	0.129	ug/L	71
8) Chloroethane	1.478	64	98056	8.917	ug/L #	50
14) Carbon disulfide	2.291	76	2260	0.086	ug/L #	75
15) Methyl Acetate	2.433	43	1501	0.254	ug/L #	68
35) Methylcyclohexane	6.066	83	14893	0.766	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8648	0.596	ug/L #	88
51) Chlorobenzene	8.882	112	4636	0.137	ug/L	98
53) m,p-Xylene	9.136	106	1866	0.086	ug/L #	60
61) 1,2,3-Trichloropropane	11.242	75	14359	2.020	ug/L #	71
62) 1,3,5-Trimethylbenzene	10.927	105	636	0.042	ug/L	92

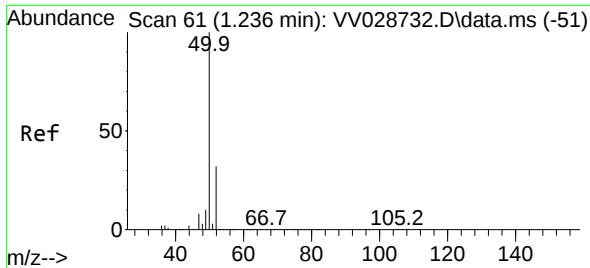
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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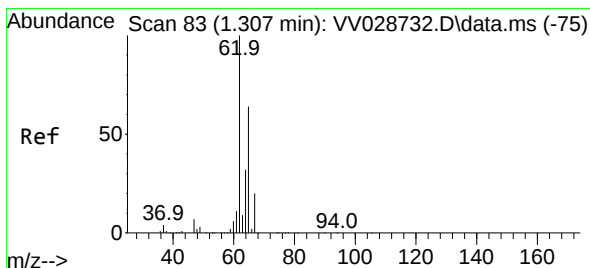
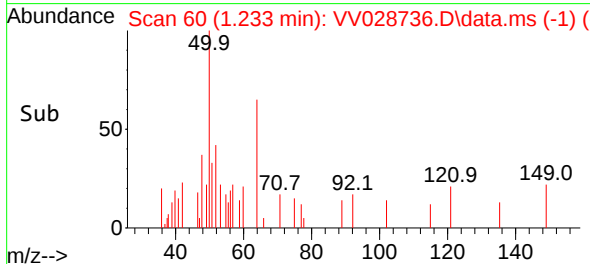
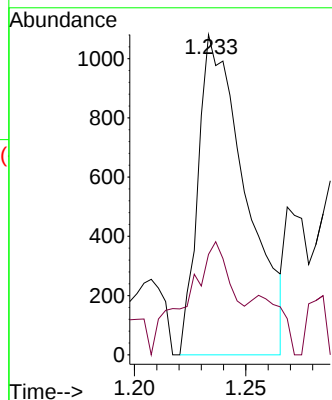
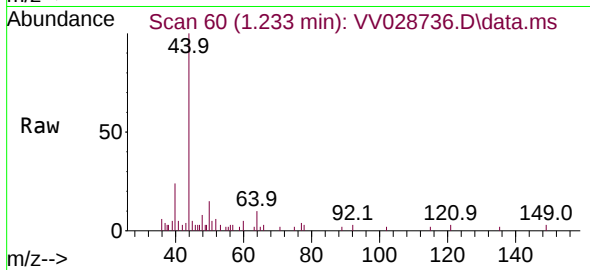




#3
Chloromethane
Concen: 0.098 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028736.D
Acq: 27 Oct 2022 23:27

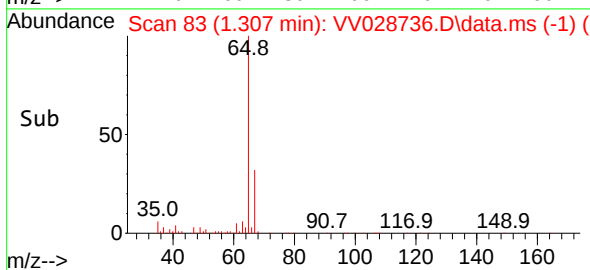
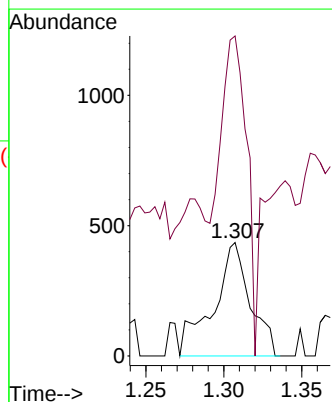
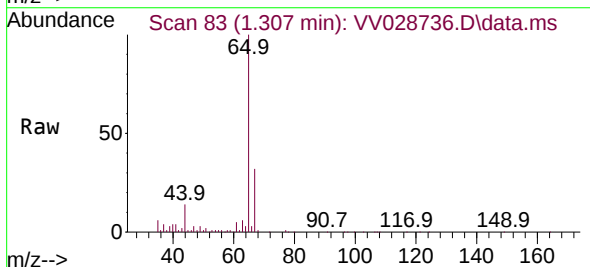
Instrument :
MSVOA_V
ClientSampleId :
BHA90

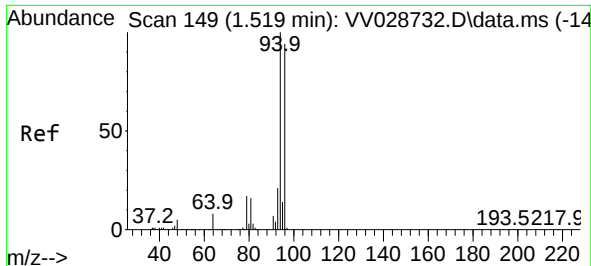
Tgt Ion: 50 Resp: 1602
Ion Ratio Lower Upper
50 100
52 31.4 21.8 40.6



#5
Vinyl chloride
Concen: 0.044 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.000 min
Lab File: VV028736.D
Acq: 27 Oct 2022 23:27

Tgt Ion: 62 Resp: 717
Ion Ratio Lower Upper
62 100
64 282.3 22.0 41.0#

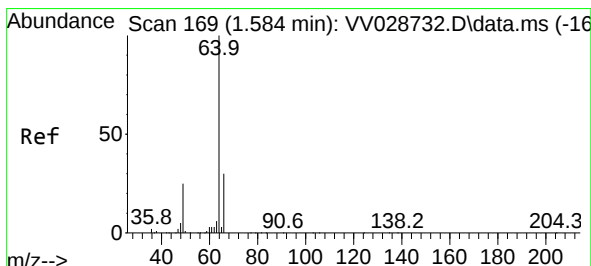
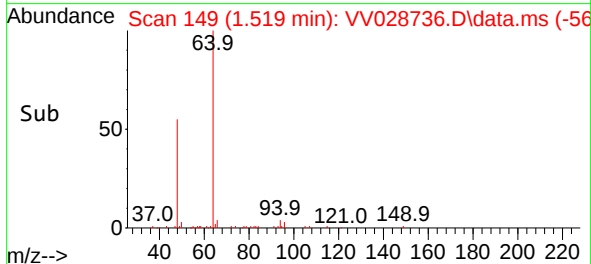
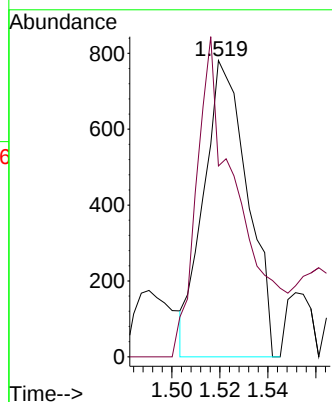
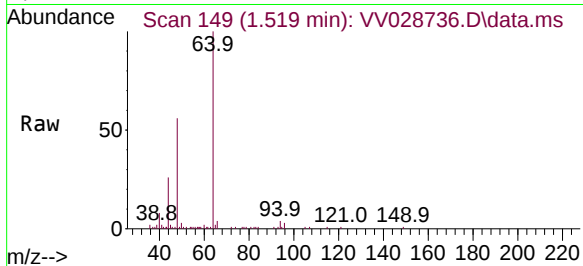




#6
Bromomethane
Concen: 0.129 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV028736.D
Acq: 27 Oct 2022 23:27

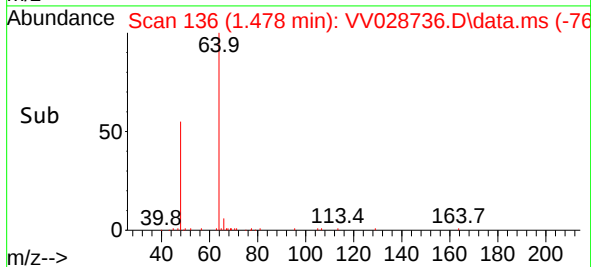
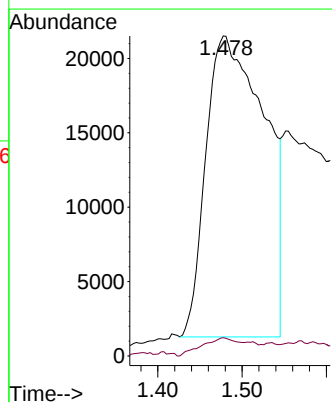
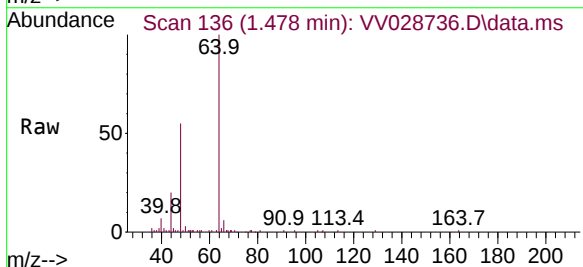
Instrument :
MSVOA_V
ClientSampleId :
BHA90

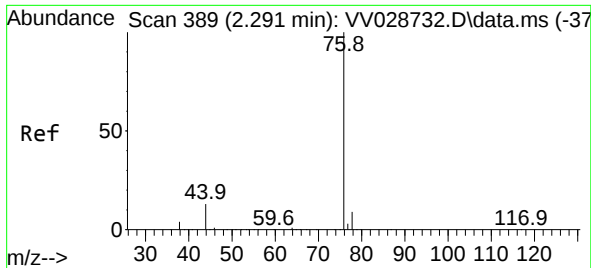
Tgt Ion: 94 Resp: 994
Ion Ratio Lower Upper
94 100
96 64.4 64.3 119.3



#8
Chloroethane
Concen: 8.917 ug/L
RT: 1.478 min Scan# 136
Delta R.T. -0.106 min
Lab File: VV028736.D
Acq: 27 Oct 2022 23:27

Tgt Ion: 64 Resp: 98056
Ion Ratio Lower Upper
64 100
66 5.7 23.9 44.5#

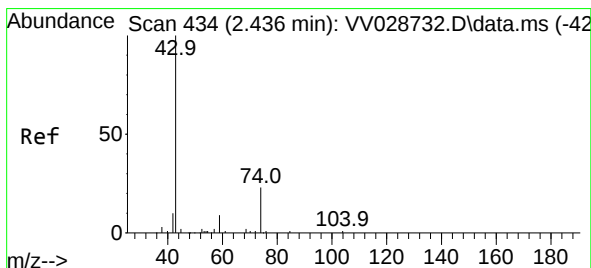
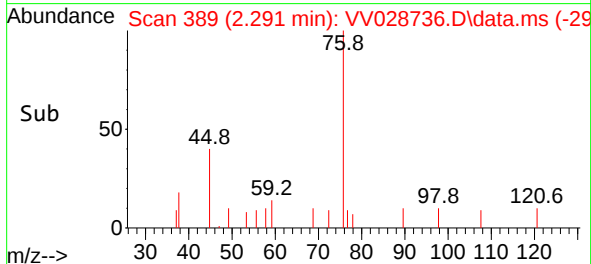
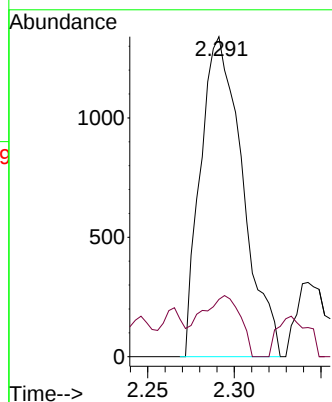
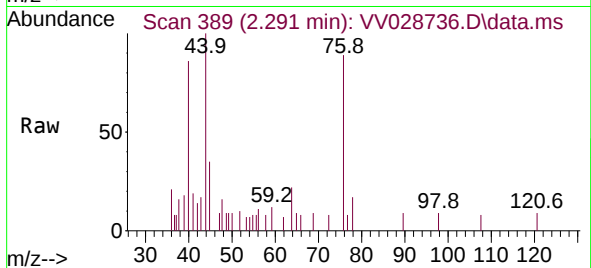




#14
Carbon disulfide
Concen: 0.086 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV028736.D
Acq: 27 Oct 2022 23:27

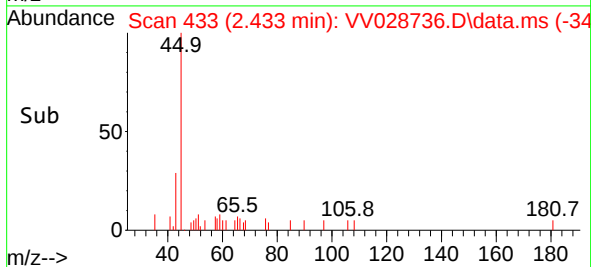
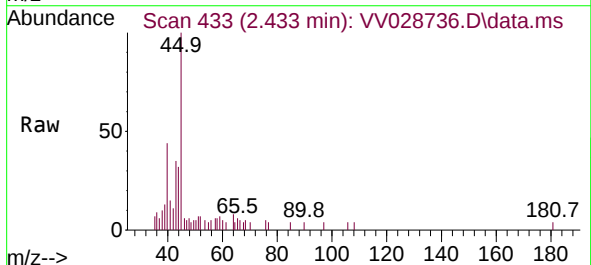
Instrument :
MSVOA_V
ClientSampleId :
BHA90

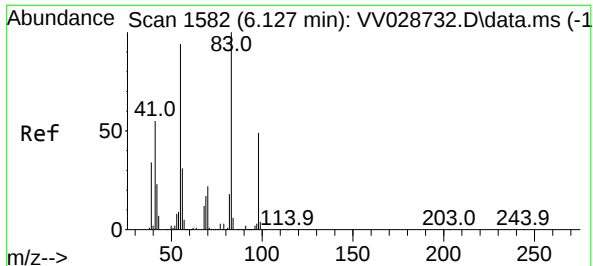
Tgt Ion: 76 Resp: 2260
Ion Ratio Lower Upper
76 100
78 17.9 7.1 10.7#



#15
Methyl Acetate
Concen: 0.254 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV028736.D
Acq: 27 Oct 2022 23:27

Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
74 4.3 14.9 22.3#





#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV028736.D

Acq: 27 Oct 2022 23:27

Instrument :

MSVOA_V

ClientSampleId :

BHA90

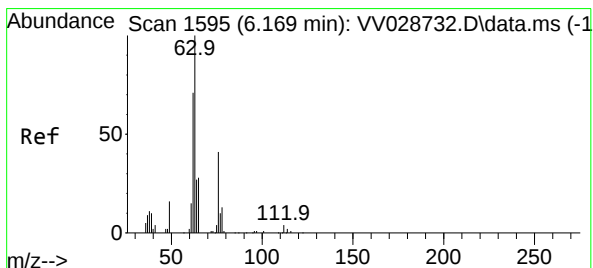
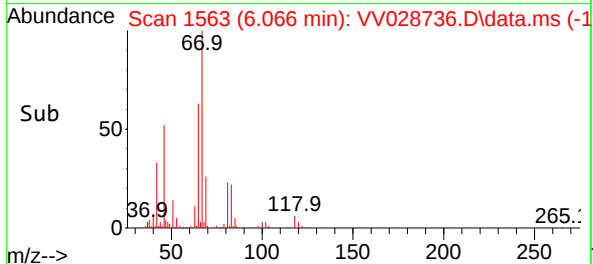
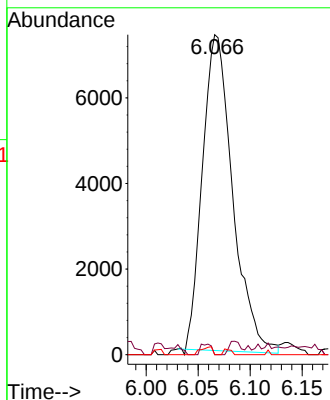
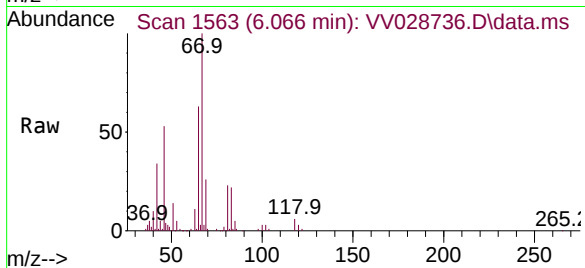
Tgt Ion: 83 Resp: 14893

Ion Ratio Lower Upper

83 100

55 1.2 70.0 105.0#

98 0.9 35.6 53.4#



#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV028736.D

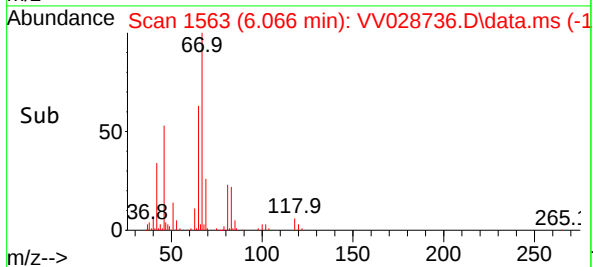
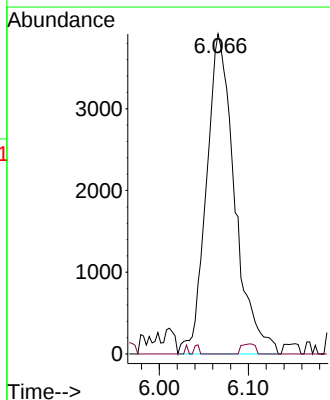
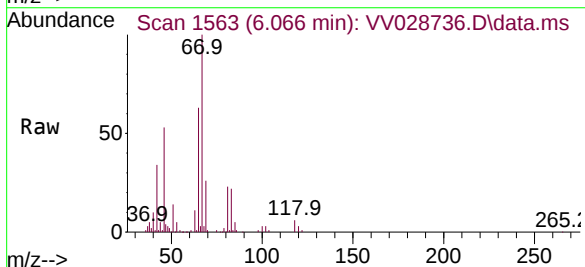
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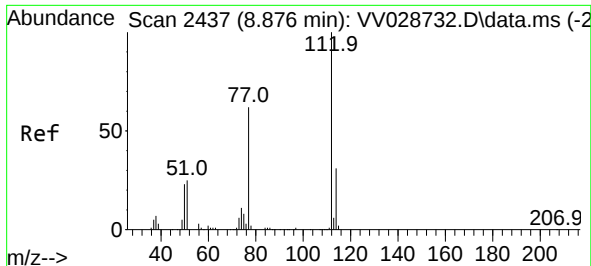
Tgt Ion: 63 Resp: 8648

Ion Ratio Lower Upper

63 100

112 0.5 3.4 5.2#

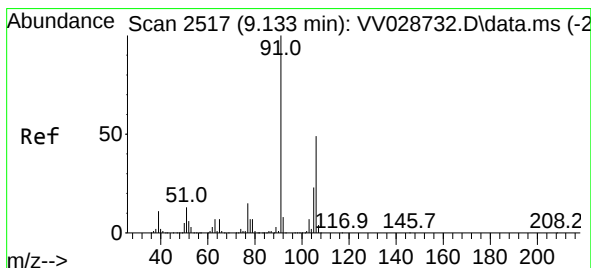
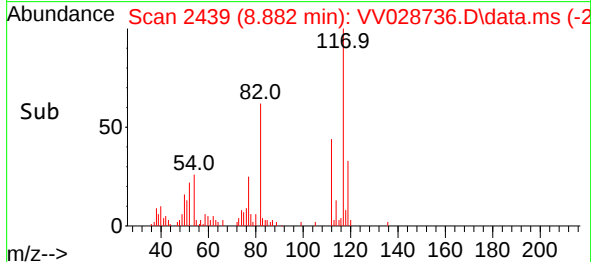
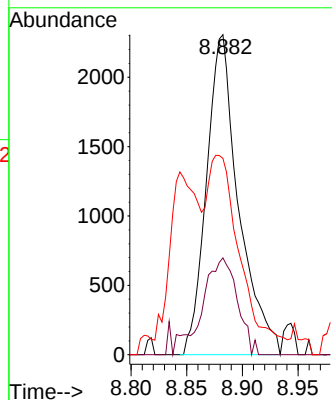
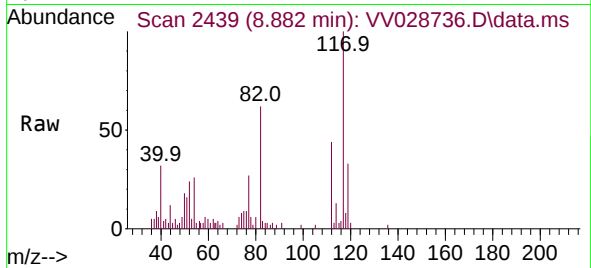




#51
Chlorobenzene
Concen: 0.137 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.006 min
Lab File: VV028736.D
Acq: 27 Oct 2022 23:27

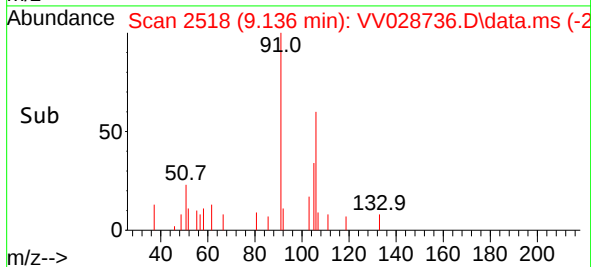
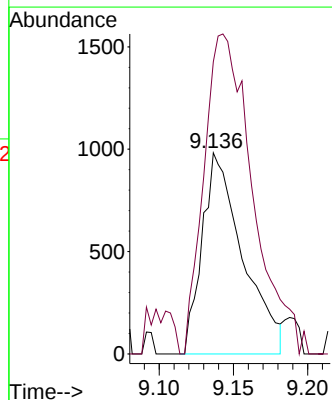
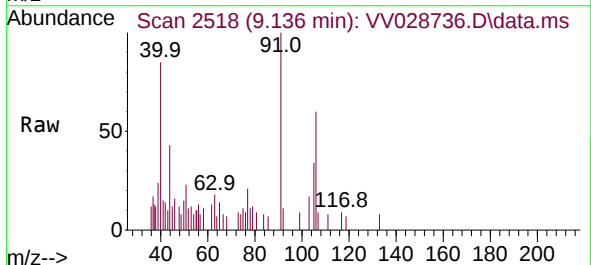
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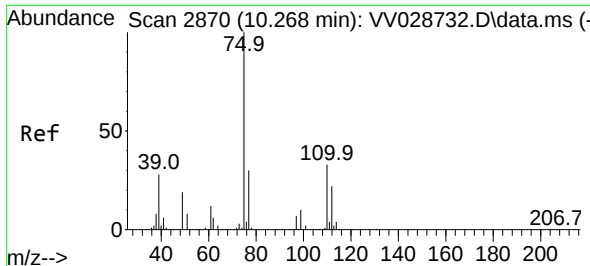
Tgt Ion:112 Resp: 4636
Ion Ratio Lower Upper
112 100
114 30.3 22.0 41.0
77 61.4 50.0 75.0



#53
m,p-Xylene
Concen: 0.086 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028736.D
Acq: 27 Oct 2022 23:27

Tgt Ion:106 Resp: 1866
Ion Ratio Lower Upper
106 100
91 145.3 145.5 270.1#

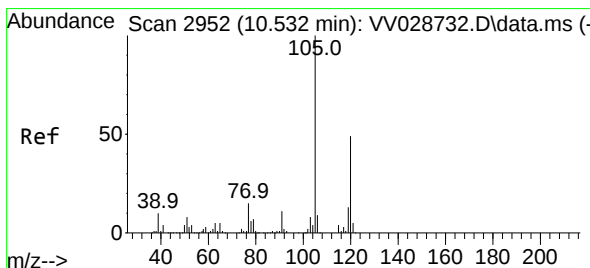
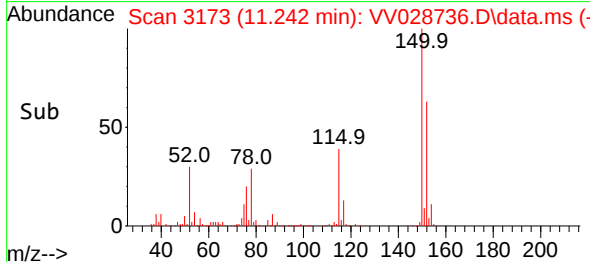
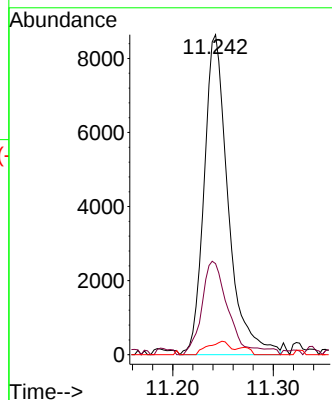
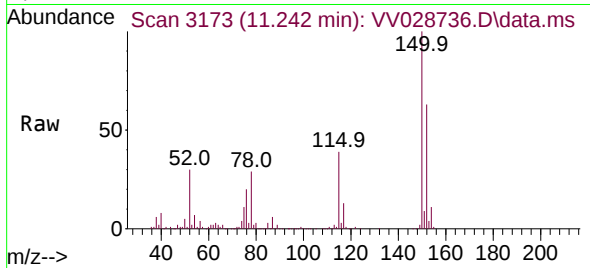




#61
1,2,3-Trichloropropane
Concen: 2.020 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV028736.D
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Tgt Ion: 75 Resp: 14359
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
110 3.8 27.9 41.9#



#62
1,3,5-Trimethylbenzene
Concen: 0.042 ug/L
RT: 10.927 min Scan# 3075
Delta R.T. 0.396 min
Lab File: VV028736.D
Acq: 27 Oct 2022 23:27

Tgt Ion: 105 Resp: 636
Ion Ratio Lower Upper
105 100
120 42.3 38.3 57.5

