

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028750.D
 Acq On : 28 Oct 2022 12:32
 Operator : SY/MD
 Sample : N5216-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA95

Quant Time: Oct 28 21:52:16 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

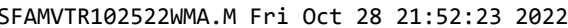
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

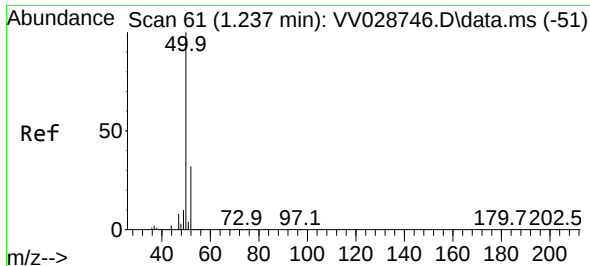
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	189175	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	178995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	80932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46611	3.543	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.564	69	49219	4.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.101	63	72191	2.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	3.899	46	178779	59.592	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.180%
24) Chloroform-d	4.339	84	101088	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.027	65	55175	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.043	84	192315	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.066	67	71000	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.313	98	154028	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.622	79	16740	3.556	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.088	63	120686	55.073	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.140%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	49214	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	54123	4.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	2396	0.161	ug/L #	75
6) Bromomethane	1.523	94	1782	0.252	ug/L	91
8) Chloroethane	1.307	64	2005	0.199	ug/L	94
13) Acetone	2.188	43	15799	8.873	ug/L	95
14) Carbon disulfide	2.288	76	1478	0.062	ug/L #	70
25) Chloroform	4.368	83	74855	3.047	ug/L	99
33) Benzene	5.104	78	2585	0.048	ug/L	100
35) Methylcyclohexane	6.066	83	15236	0.832	ug/L #	15
42) Toluene	7.391	91	13122	0.259	ug/L	100
44) trans-1,3-Dichloropropene	7.628	75	1003	0.075	ug/L	89
51) Chlorobenzene	8.882	112	1653	0.052	ug/L	97
52) Ethylbenzene	9.017	91	2118	0.038	ug/L #	75
53) m,p-Xylene	9.146	106	2586	0.127	ug/L	72
54) o-Xylene	9.545	106	1219	0.060	ug/L	86
61) 1,2,3-Trichloropropane	11.239	75	12439	1.790	ug/L #	69
62) 1,3,5-Trimethylbenzene	10.924	105	1720	0.116	ug/L	97

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

Instrument :
MSVOA_V
ClientSampleId :
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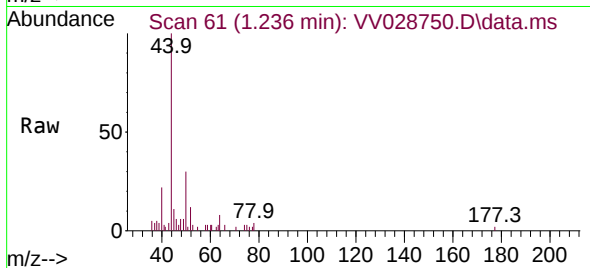
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Quant Title : TRACE VOA SFAM1.0
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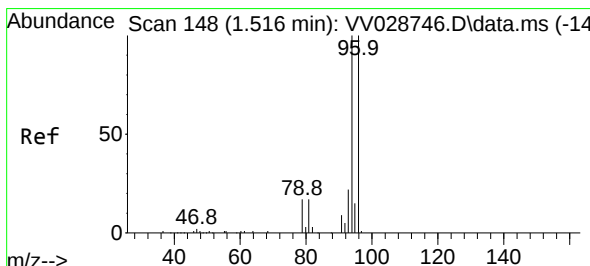
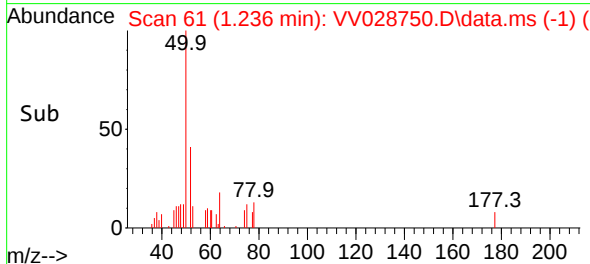
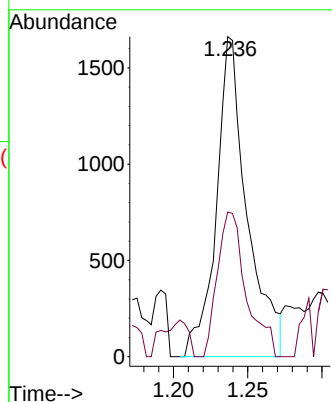


#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

Instrument :
MSVOA_V
ClientSampleId :
BHA95

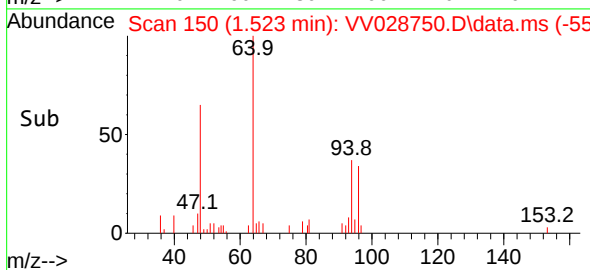
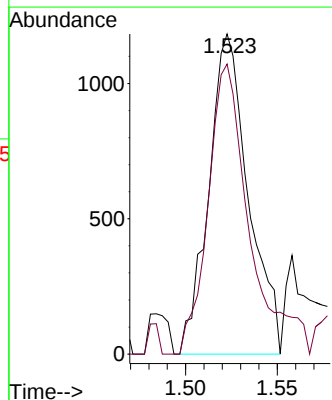
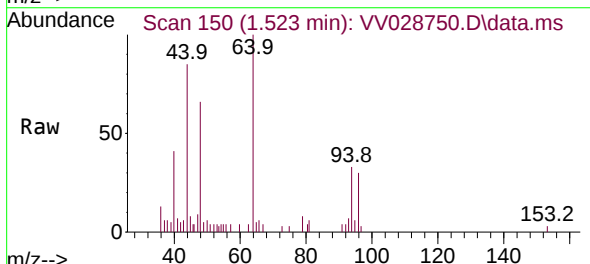


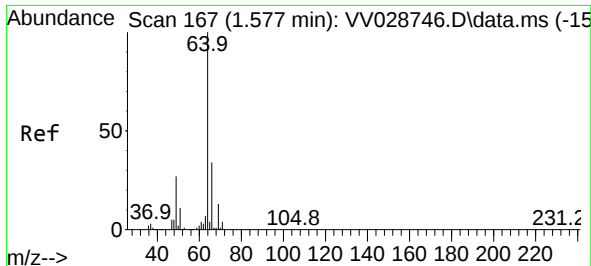
Tgt Ion: 50 Resp: 2396
Ion Ratio Lower Upper
50 100
52 45.2 21.8 40.6#



#6
Bromomethane
Concen: 0.252 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

Tgt Ion: 94 Resp: 1782
Ion Ratio Lower Upper
94 100
96 100.8 64.3 119.3

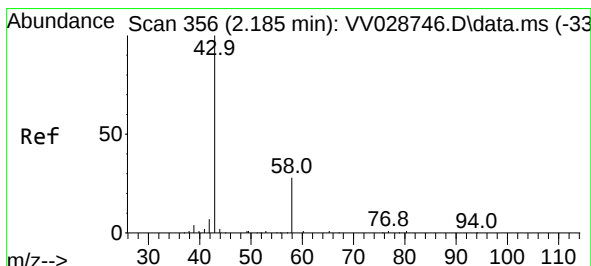
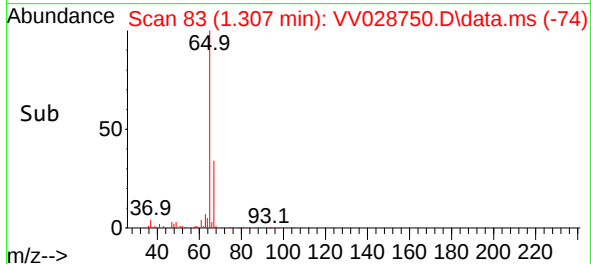
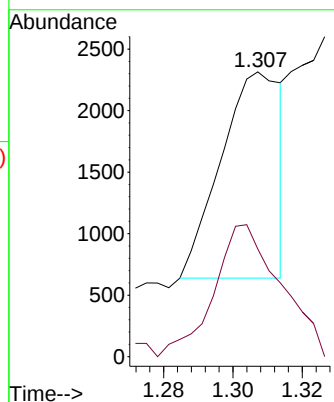
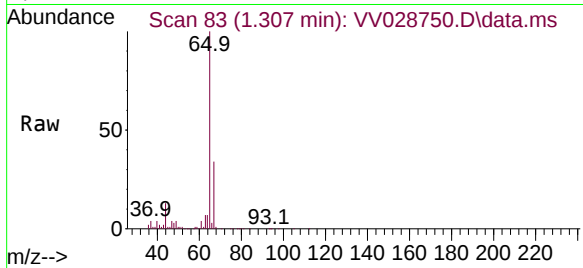




#8
Chloroethane
Concen: 0.199 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.270 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

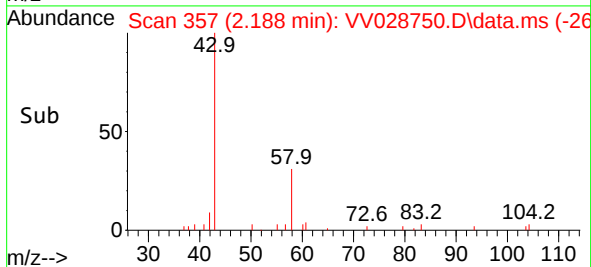
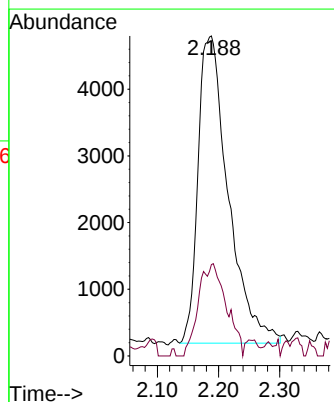
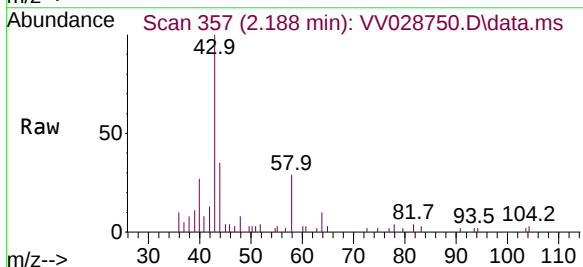
Instrument :
MSVOA_V
ClientSampleId :
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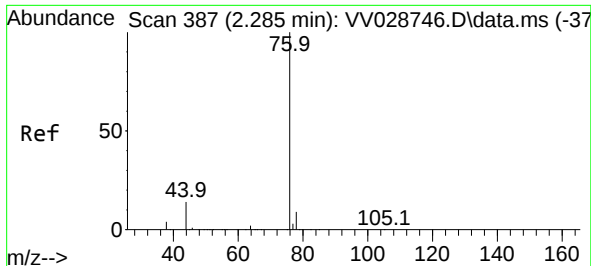
Tgt Ion: 64 Resp: 2005
Ion Ratio Lower Upper
64 100
66 37.8 23.9 44.5



#13
Acetone
Concen: 8.873 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.003 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

Tgt Ion: 43 Resp: 15799
Ion Ratio Lower Upper
43 100
58 27.7 0.0 50.2

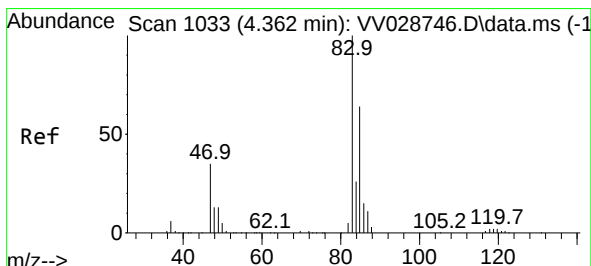
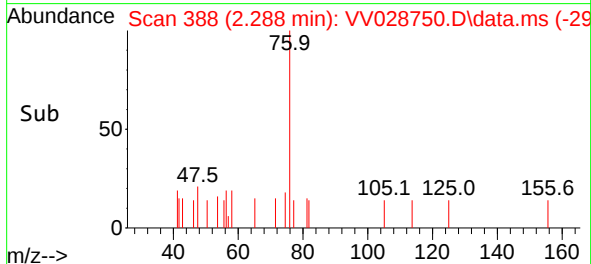
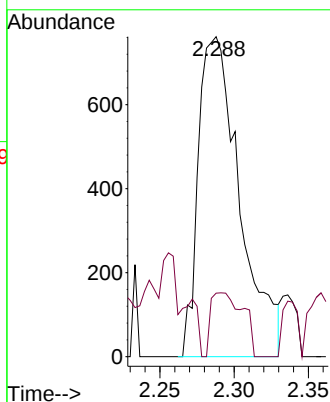
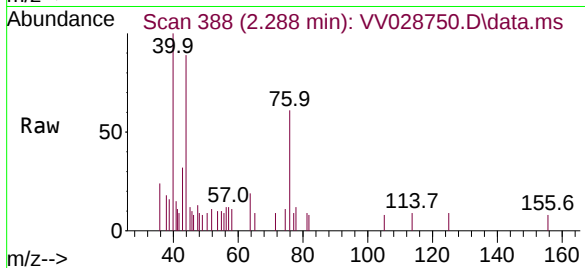




#14
Carbon disulfide
Concen: 0.062 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

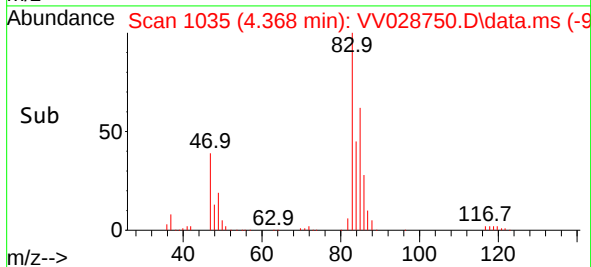
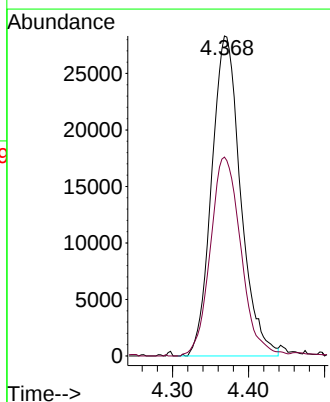
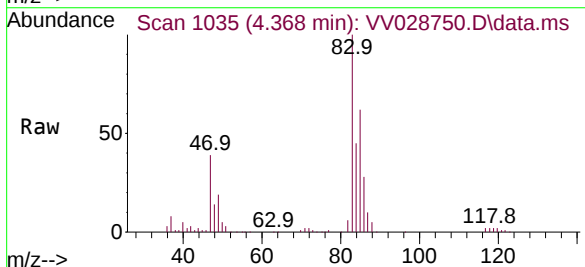
Instrument :
MSVOA_V
ClientSampleId :
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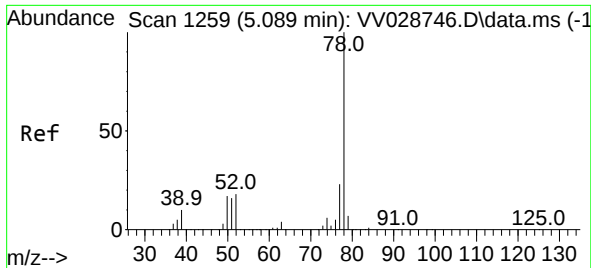
Tgt Ion: 76 Resp: 1478
Ion Ratio Lower Upper
76 100
78 19.8 7.1 10.7#



#25
Chloroform
Concen: 3.047 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

Tgt Ion: 83 Resp: 74855
Ion Ratio Lower Upper
83 100
85 62.1 44.1 81.9

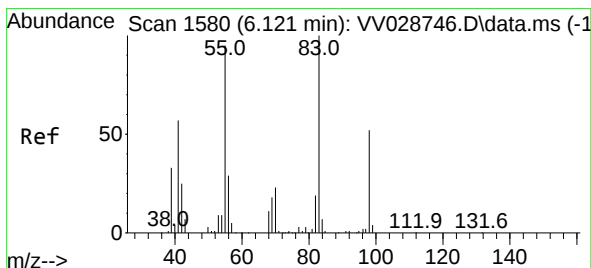
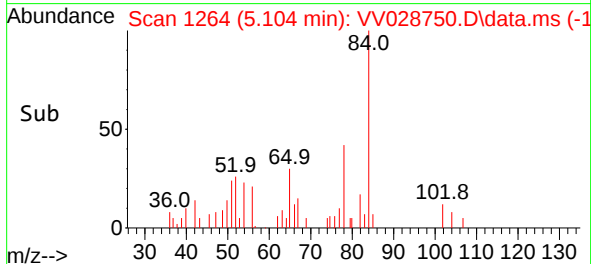
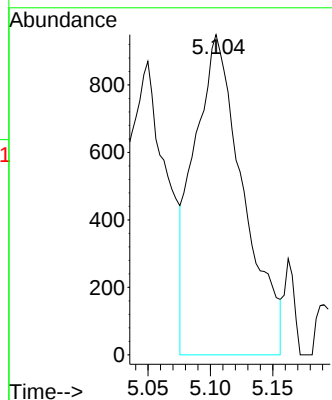
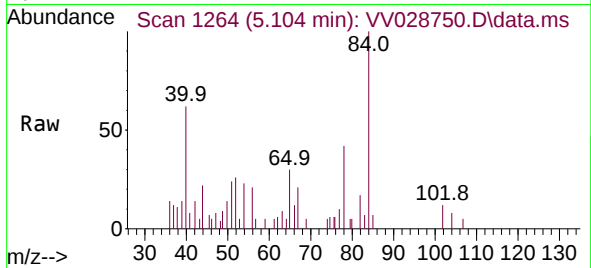




#33
Benzene
Concen: 0.048 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

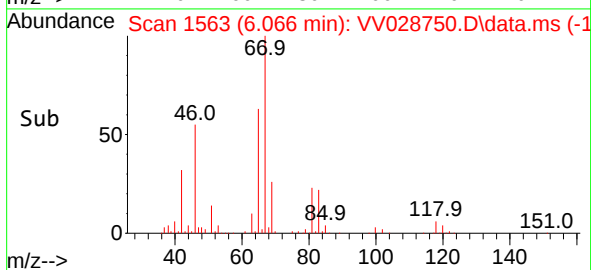
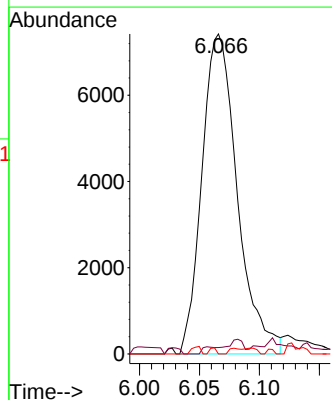
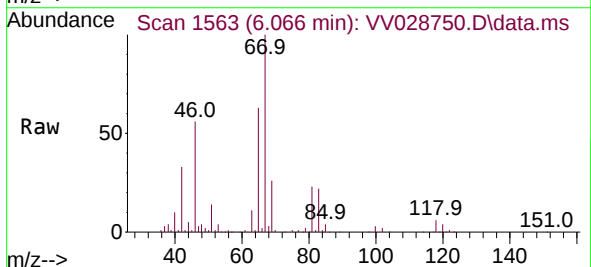
Instrument :
MSVOA_V
ClientSampleId :
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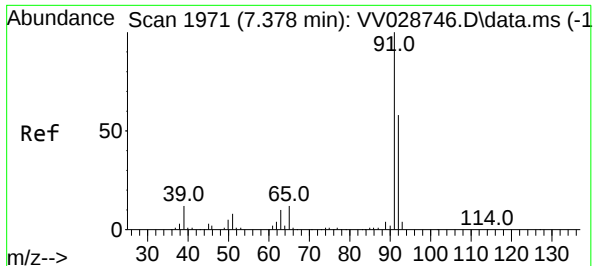
Tgt Ion: 78 Resp: 2585



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

Tgt Ion: 83 Resp: 15236
Ion Ratio Lower Upper
83 100
55 0.8 70.0 105.0#
98 0.3 35.6 53.4#





#42

Toluene

Concen: 0.259 ug/L

RT: 7.391 min Scan# 1971

Delta R.T. 0.013 min

Lab File: VV028750.D

Acq: 28 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

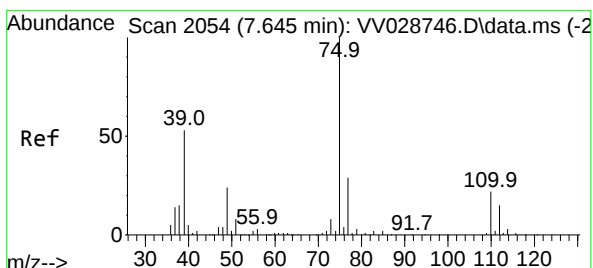
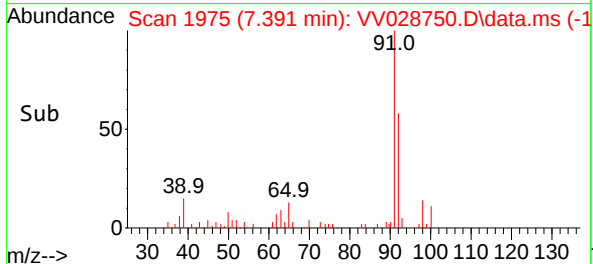
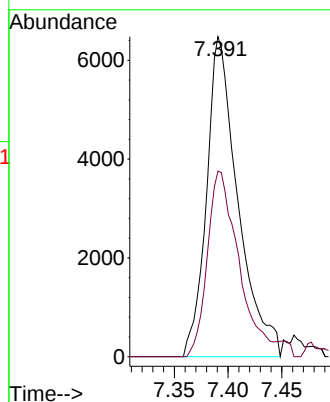
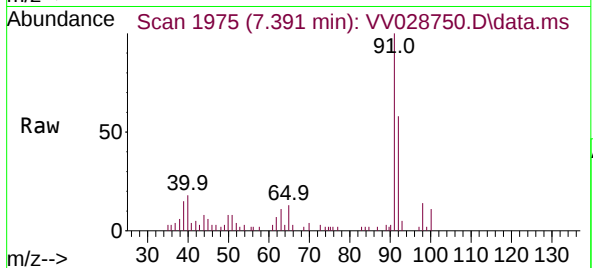
BHA95

Tgt Ion: 91 Resp: 13122

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.016 min

Lab File: VV028750.D

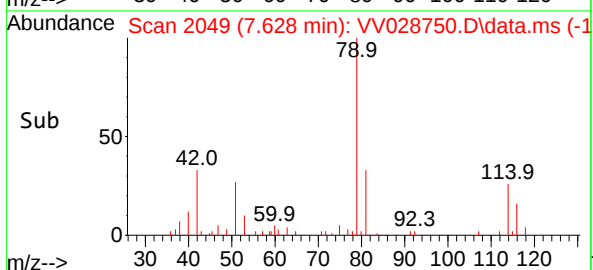
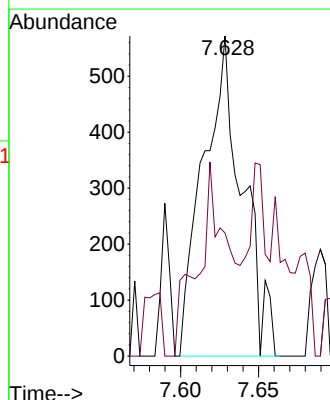
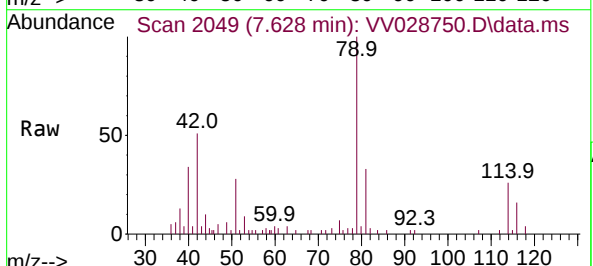
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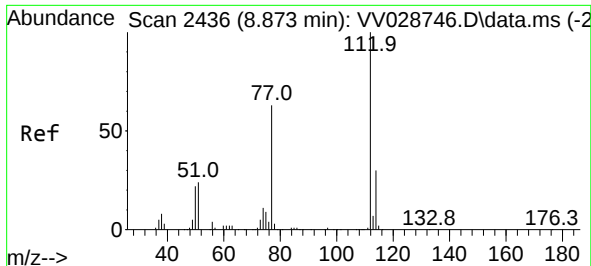
Tgt Ion: 75 Resp: 1003

Ion Ratio Lower Upper

75 100

77 38.5 22.6 42.0

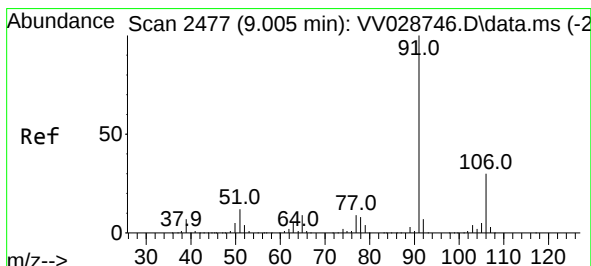
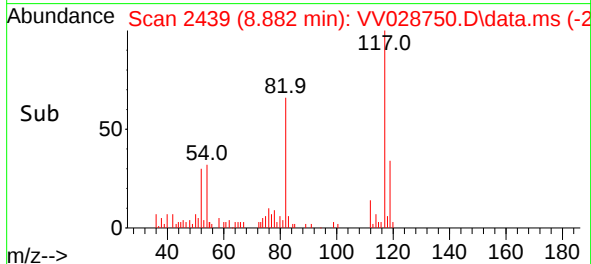
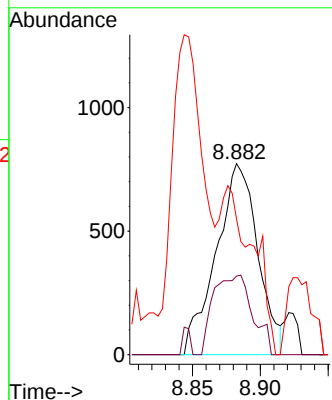
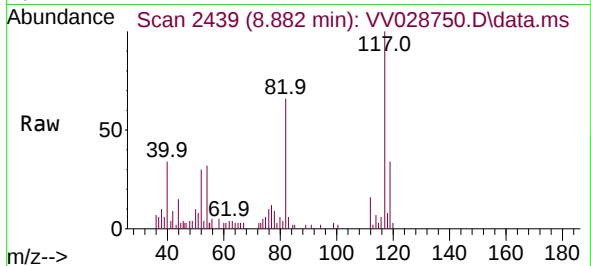




#51
Chlorobenzene
Concen: 0.052 ug/L
RT: 8.882 min Scan# 2436
Delta R.T. 0.009 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

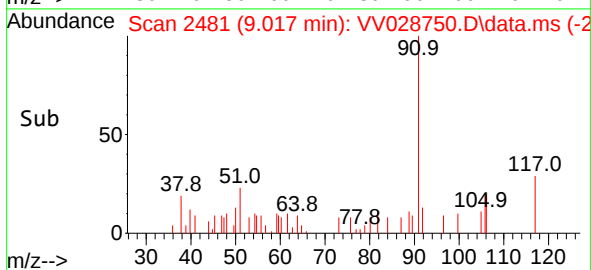
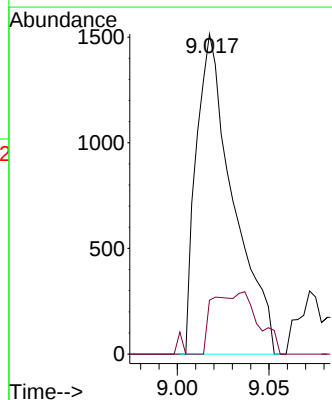
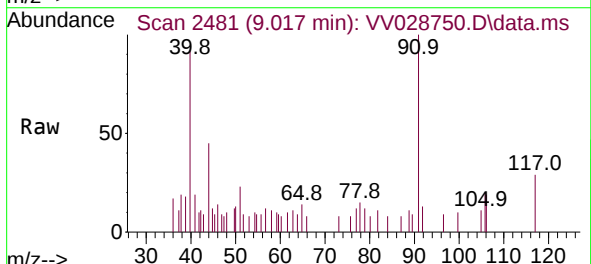
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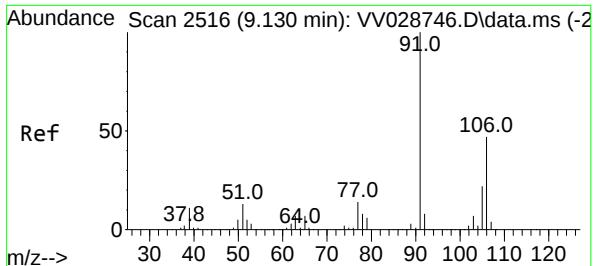
Tgt Ion:112 Resp: 1653
Ion Ratio Lower Upper
112 100
114 36.2 22.0 41.0
77 62.5 50.0 75.0



#52
Ethylbenzene
Concen: 0.038 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.013 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

Tgt Ion: 91 Resp: 2118
Ion Ratio Lower Upper
91 100
106 16.8 21.3 39.6

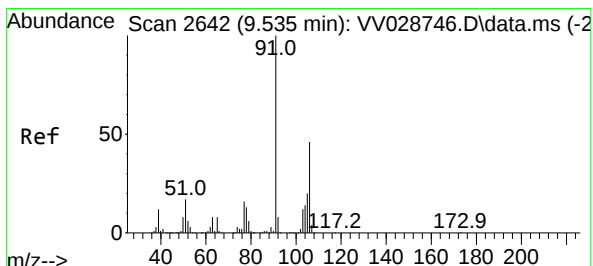
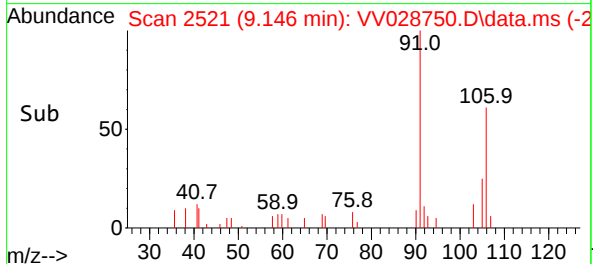
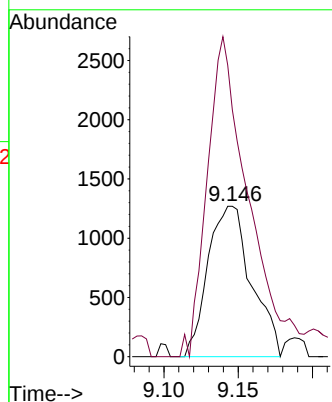
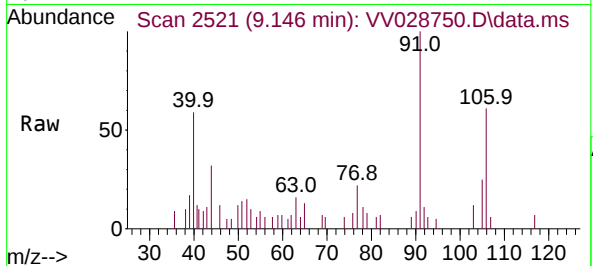




#53
m,p-Xylene
Concen: 0.127 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

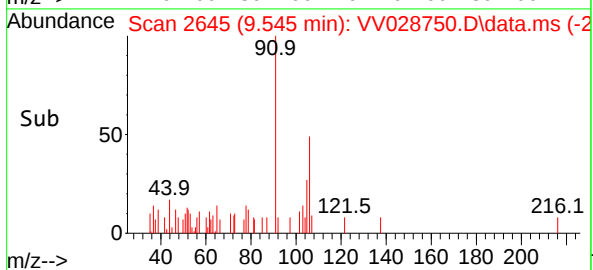
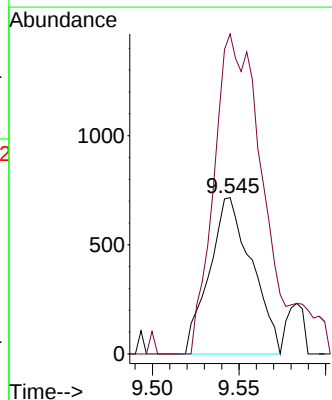
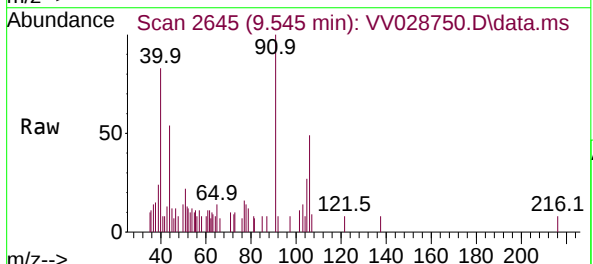
Instrument :
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ClientSampleId :
BHA95

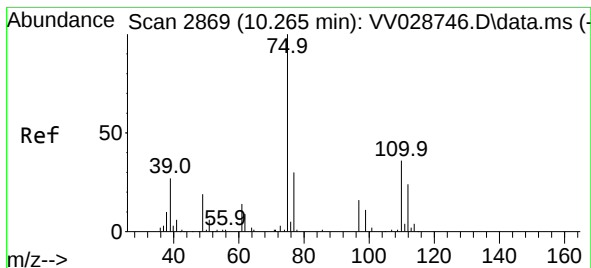
Tgt Ion:106 Resp: 2586
Ion Ratio Lower Upper
106 100
91 163.9 145.5 270.1



#54
o-Xylene
Concen: 0.060 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.009 min
Lab File: VV028750.D
Acq: 28 Oct 2022 12:32

Tgt Ion:106 Resp: 1219
Ion Ratio Lower Upper
106 100
91 204.7 159.0 295.4





#61

1,2,3-Trichloropropane

Concen: 1.790 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV028750.D

Acq: 28 Oct 2022 12:32

Instrument :

MSVOA_V

ClientSampleId :

BHA95

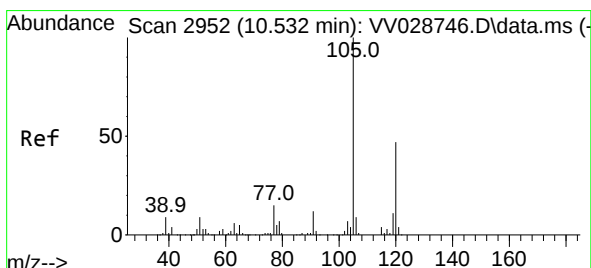
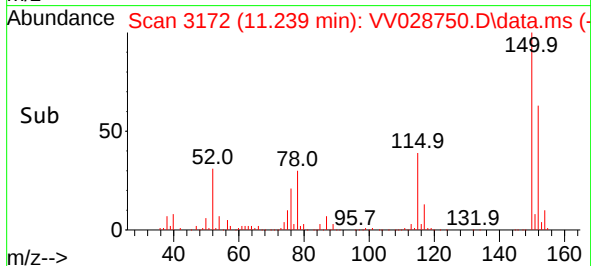
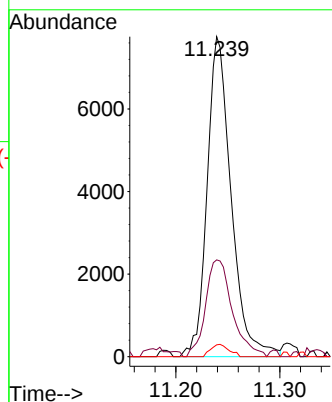
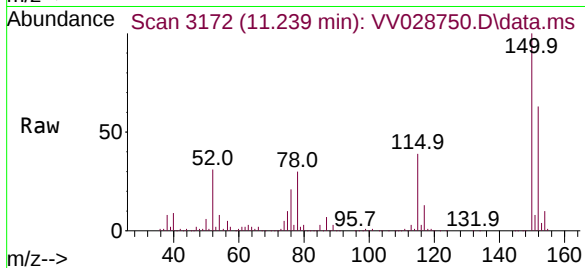
Tgt Ion: 75 Resp: 12439

Ion Ratio Lower Upper

75 100

77 33.6 25.2 37.8

110 2.9 27.9 41.9#



#62

1,3,5-Trimethylbenzene

Concen: 0.116 ug/L

RT: 10.924 min Scan# 3074

Delta R.T. 0.392 min

Lab File: VV028750.D

Acq: 28 Oct 2022 12:32

Tgt Ion:105 Resp: 1720

Ion Ratio Lower Upper

105 100

120 45.9 38.3 57.5

