

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
 Data File : VV028761.D
 Acq On : 28 Oct 2022 16:55
 Operator : SY/MD
 Sample : N5232-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAD0

Quant Time: Oct 28 21:54:51 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)

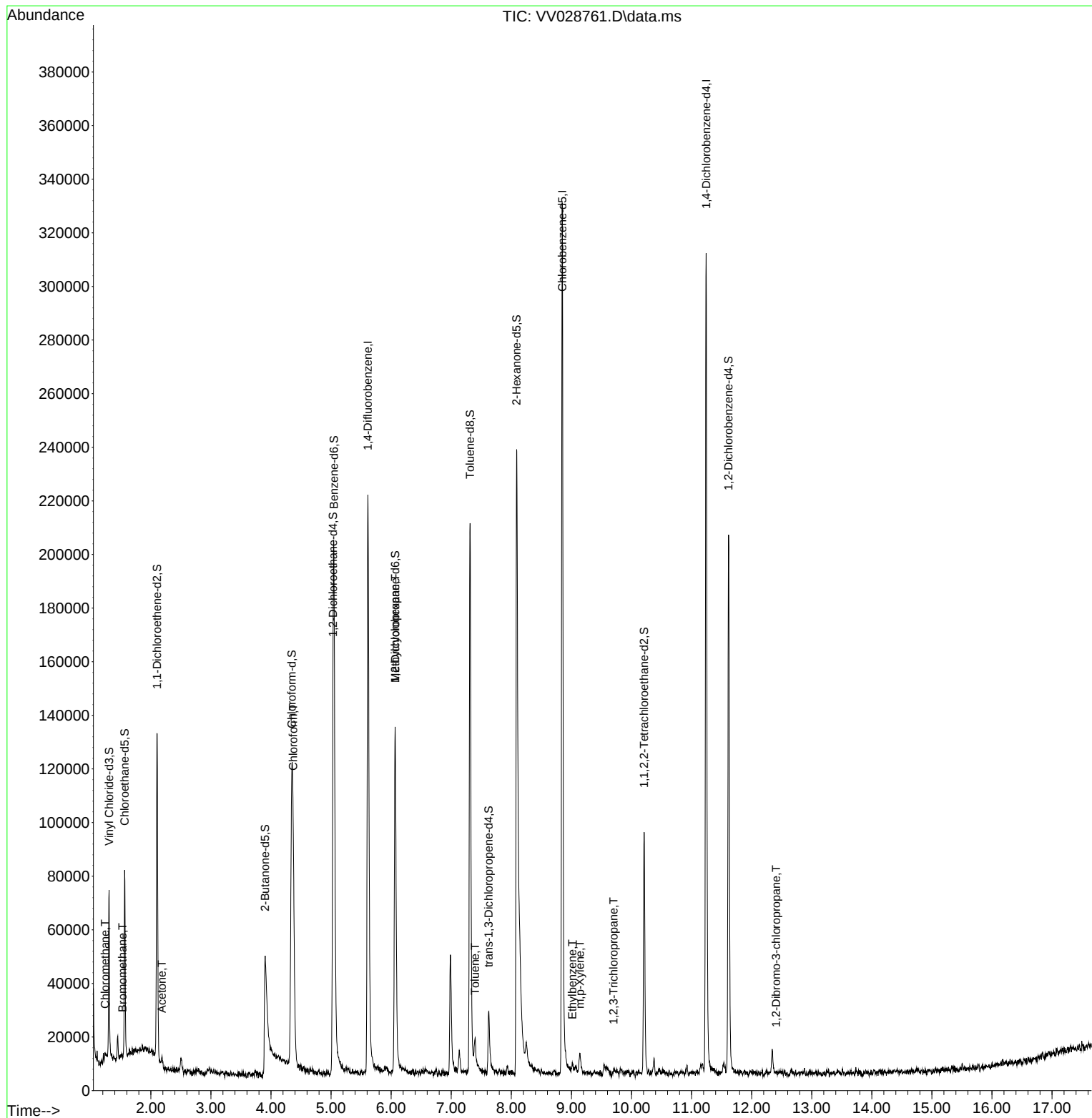
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	174383	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	161373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	74333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41248	3.401	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.565	69	42236	4.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.105	63	66693	2.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	3.902	46	100266	36.257	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.520%
24) Chloroform-d	4.346	84	94274	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.031	65	48500	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.047	84	170875	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.066	67	62396	4.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.314	98	135937	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.622	79	14316	3.373	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.088	63	107365	54.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.680%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	43683	4.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	46224	4.508	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1390	0.101	ug/L	87
6) Bromomethane	1.526	94	757	0.116	ug/L	72
13) Acetone	2.182	43	7303	4.449	ug/L	91
25) Chloroform	4.368	83	64360	2.842	ug/L	99
35) Methylcyclohexane	6.066	83	13877	0.841	ug/L #	15
42) Toluene	7.394	91	9748	0.213	ug/L	99
52) Ethylbenzene	9.018	91	1830	0.036	ug/L	98
53) m,p-Xylene	9.143	106	1395	0.076	ug/L	82
61) 1,2,3-Trichloropropane	9.702	75	467	0.073	ug/L #	77
68) 1,2-Dibromo-3-chloropr...	12.410	75	242	0.184	ug/L #	9

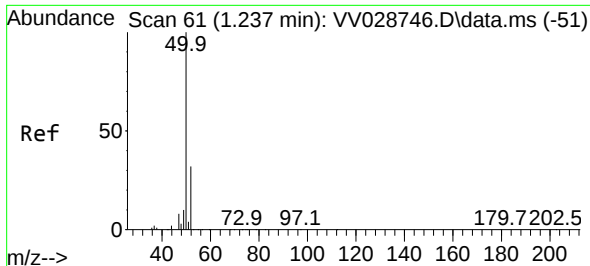
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028761.D
Acq On : 28 Oct 2022 16:55
Operator : SY/MD
Sample : N5232-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAD0

Quant Time: Oct 28 21:54:51 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

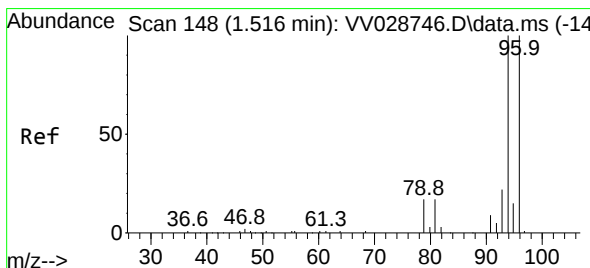
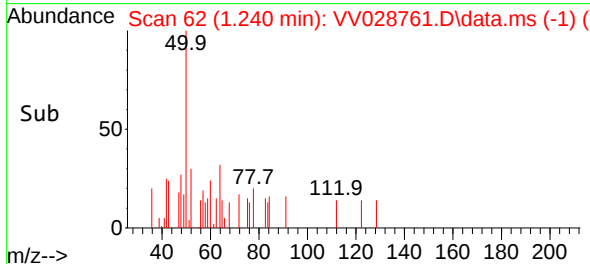
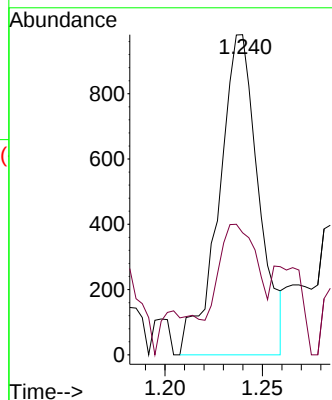
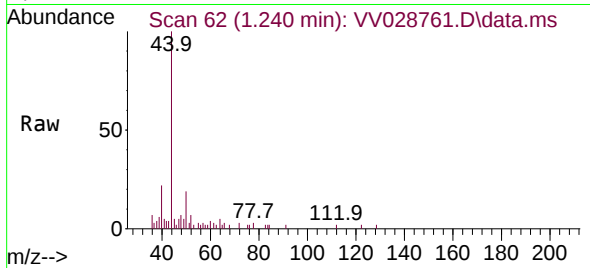




#3
Chloromethane
Concen: 0.101 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028761.D
Acq: 28 Oct 2022 16:55

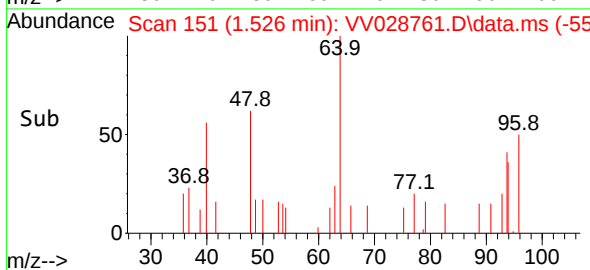
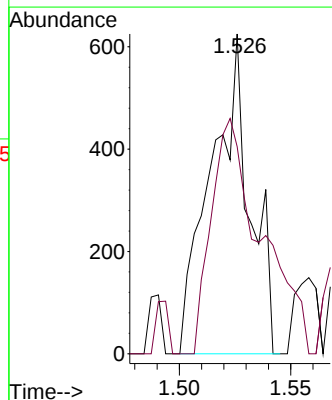
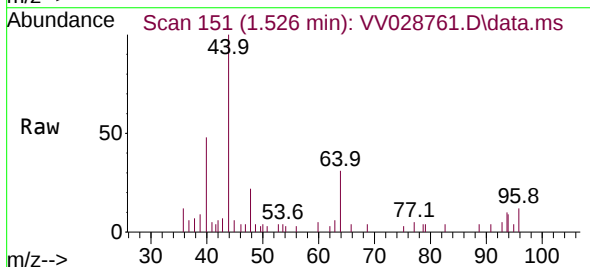
Instrument :
MSVOA_V
ClientSampleId :
BHAD0

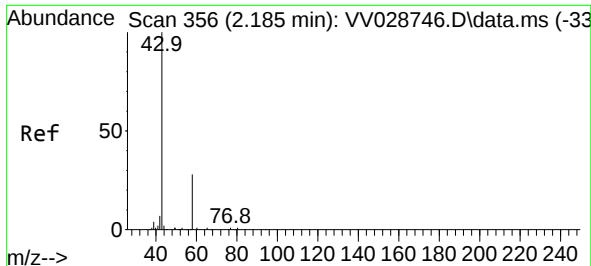
Tgt Ion: 50 Resp: 1390
Ion Ratio Lower Upper
50 100
52 38.1 21.8 40.6



#6
Bromomethane
Concen: 0.116 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.010 min
Lab File: VV028761.D
Acq: 28 Oct 2022 16:55

Tgt Ion: 94 Resp: 757
Ion Ratio Lower Upper
94 100
96 64.8 64.3 119.3





#13

Acetone

Concen: 4.449 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028761.D

Acq: 28 Oct 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

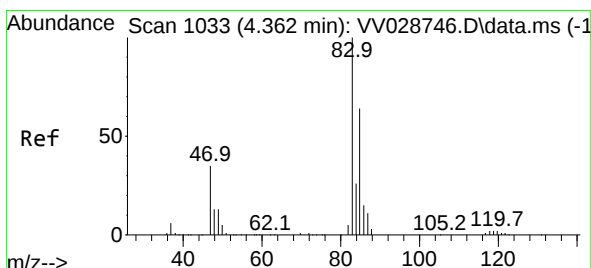
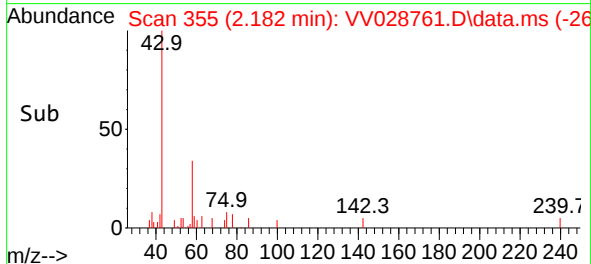
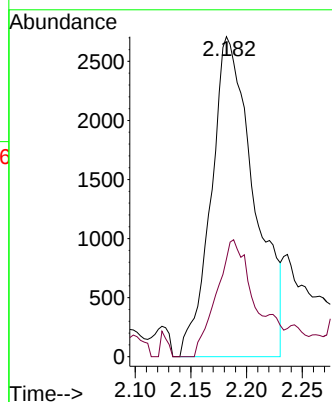
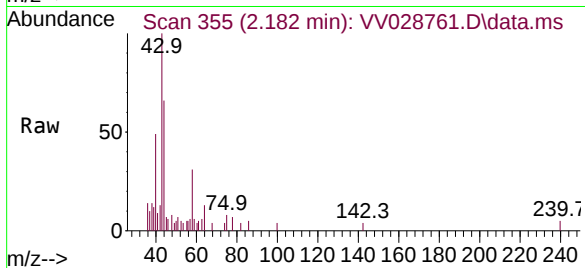
BHAD0

Tgt Ion: 43 Resp: 7303

Ion Ratio Lower Upper

43 100

58 29.4 0.0 50.2



#25

Chloroform

Concen: 2.842 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV028761.D

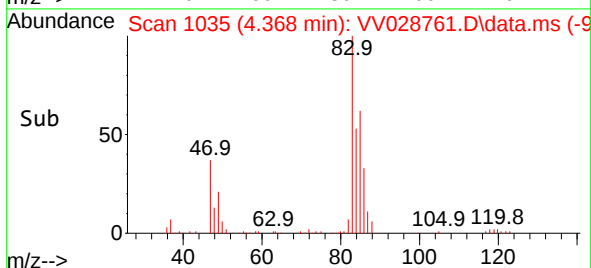
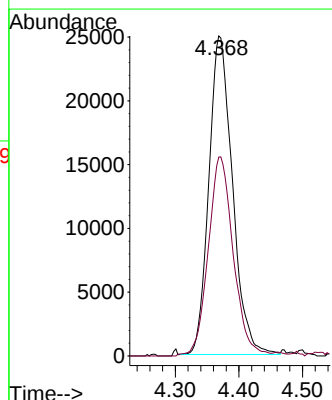
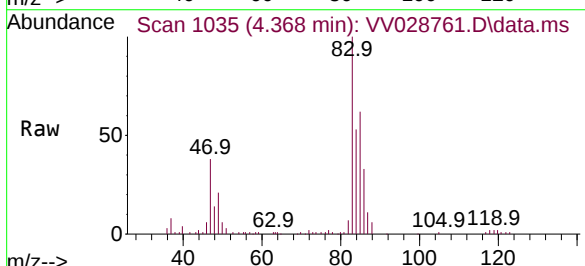
Acq: 28 Oct 2022 16:55

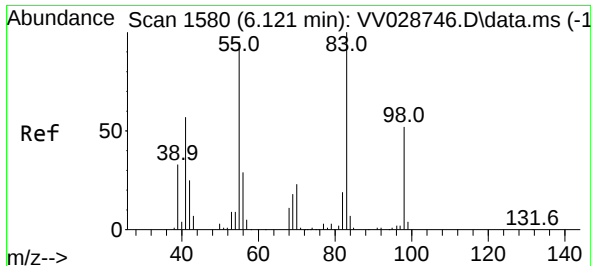
Tgt Ion: 83 Resp: 64360

Ion Ratio Lower Upper

83 100

85 62.2 44.1 81.9





#35

Methylcyclohexane

Concen: 0.841 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV028761.D

Acq: 28 Oct 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

BHAD0

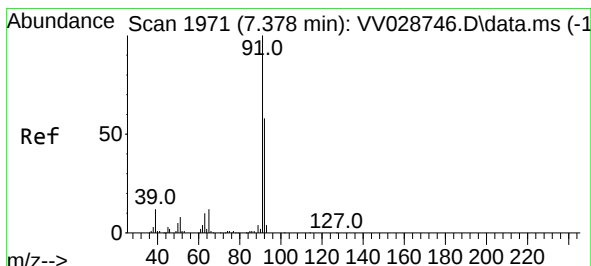
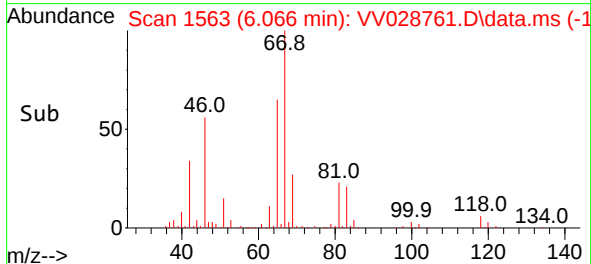
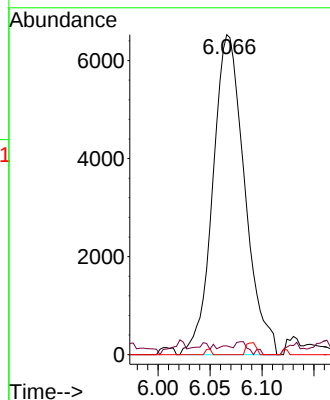
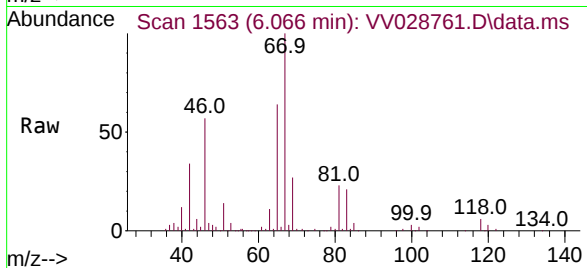
Tgt Ion: 83 Resp: 13877

Ion Ratio Lower Upper

83 100

55 0.9 70.0 105.0#

98 0.0 35.6 53.4#



#42

Toluene

Concen: 0.213 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.016 min

Lab File: VV028761.D

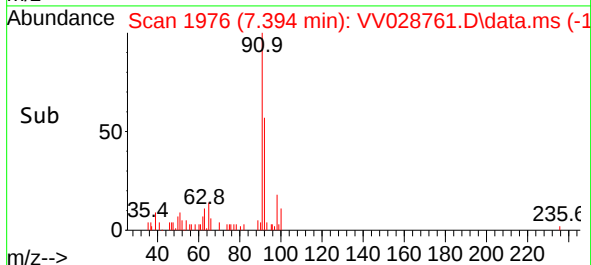
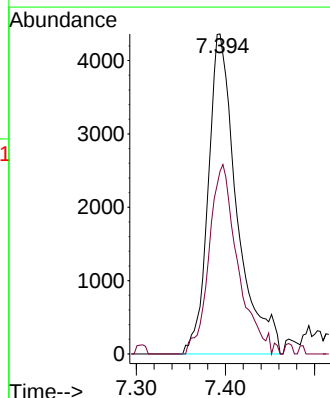
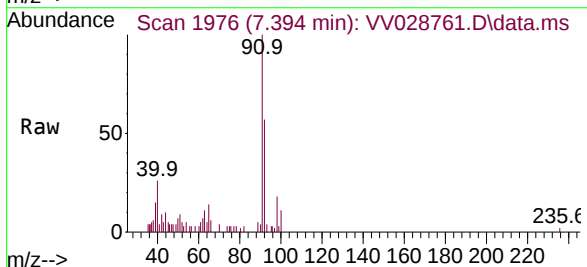
Acq: 28 Oct 2022 16:55

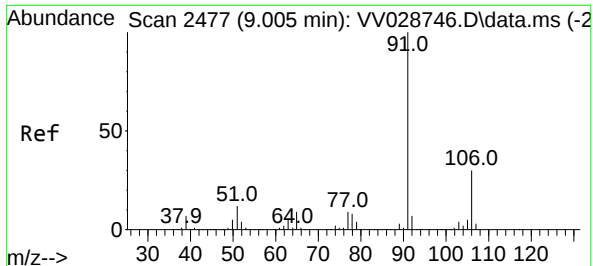
Tgt Ion: 91 Resp: 9748

Ion Ratio Lower Upper

91 100

92 57.1 40.5 75.3

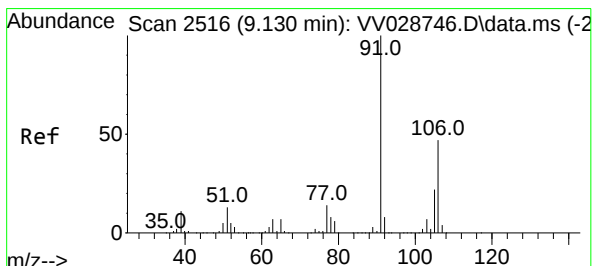
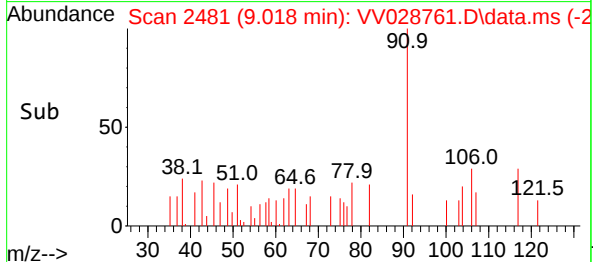
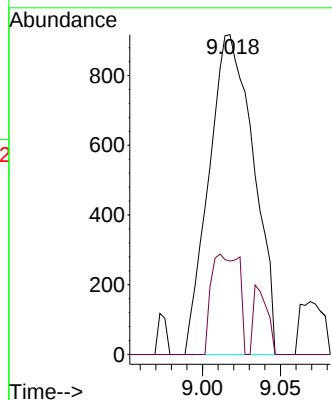
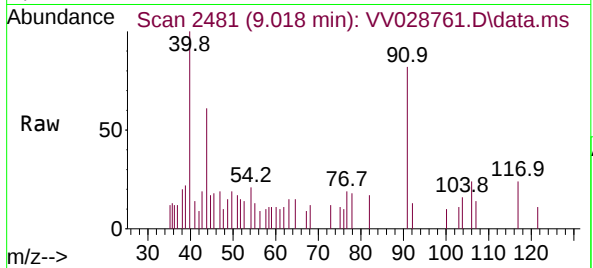




#52
Ethylbenzene
Concen: 0.036 ug/L
RT: 9.018 min Scan# 2477
Delta R.T. 0.013 min
Lab File: VV028761.D
Acq: 28 Oct 2022 16:55

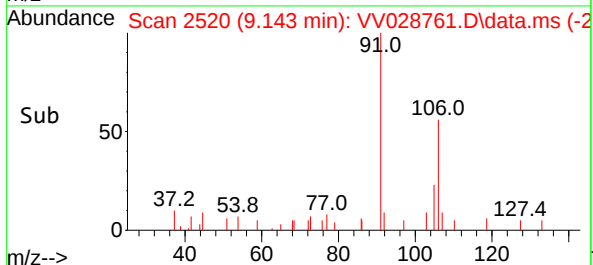
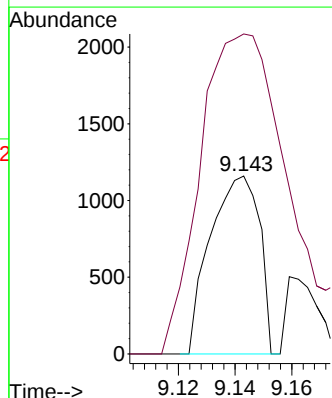
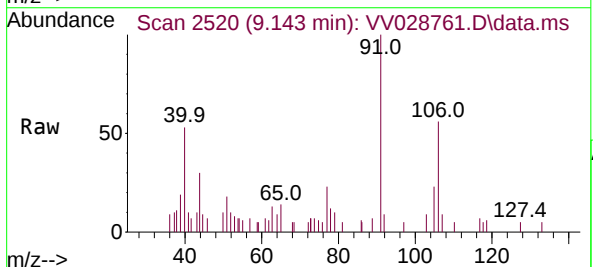
Instrument :
MSVOA_V
ClientSampleId :
BHAD0

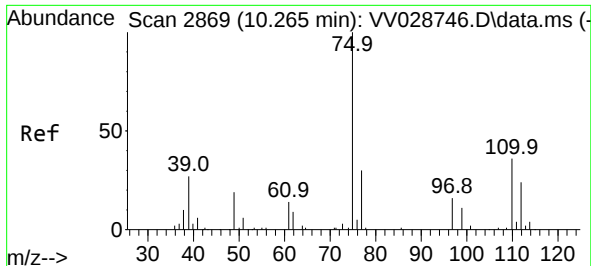
Tgt Ion: 91 Resp: 1830
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.6



#53
m,p-Xylene
Concen: 0.076 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.013 min
Lab File: VV028761.D
Acq: 28 Oct 2022 16:55

Tgt Ion: 106 Resp: 1395
Ion Ratio Lower Upper
106 100
91 179.8 145.5 270.1

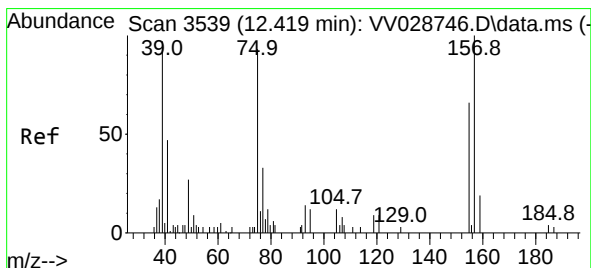
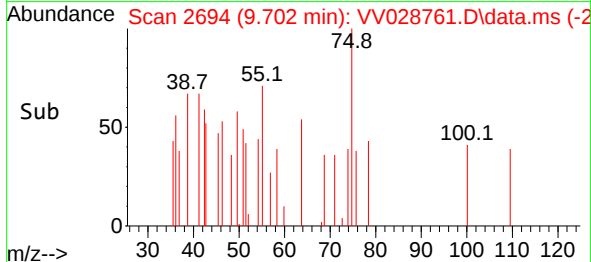
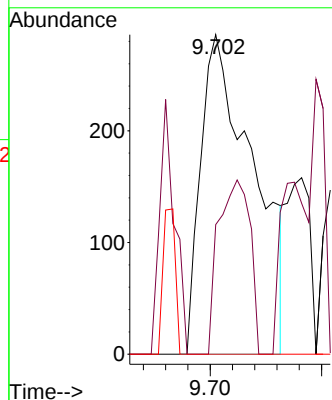
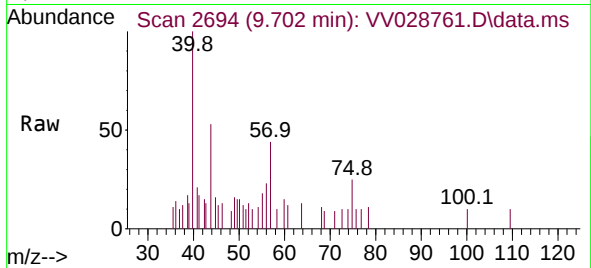




#61
1,2,3-Trichloropropane
Concen: 0.073 ug/L
RT: 9.702 min Scan# 21
Delta R.T. -0.563 min
Lab File: VV028761.D
Acq: 28 Oct 2022 16:55

Instrument :
MSVOA_V
ClientSampleId :
BHAD0

Tgt Ion: 75 Resp: 467
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8
110 10.7 27.9 41.9#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.184 ug/L
RT: 12.410 min Scan# 3536
Delta R.T. -0.010 min
Lab File: VV028761.D
Acq: 28 Oct 2022 16:55

Tgt Ion: 75 Resp: 242
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 0.0 71.5 107.3#

