

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028720.D
 Acq On : 27 Oct 2022 15:13
 Operator : SY/MD
 Sample : N5232-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAC3

Quant Time: Oct 28 02:18:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

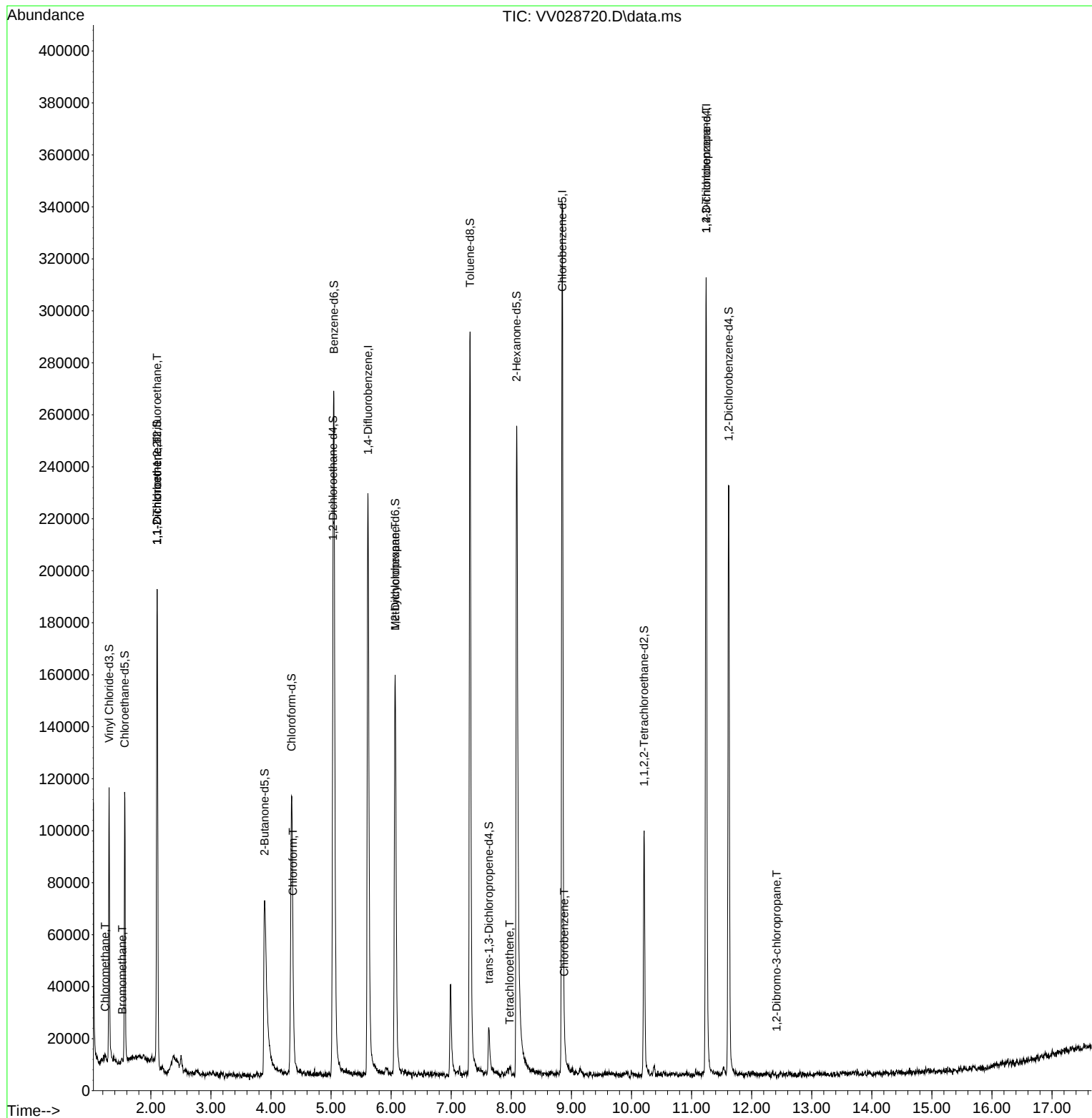
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	184227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	171630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	72470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71886	5.610	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.200%
7) Chloroethane-d5	1.565	69	65731	6.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.400%
11) 1,1-Dichloroethene-d2	2.105	63	102135	4.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.892	46	146144	50.023	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.040%
24) Chloroform-d	4.343	84	110888	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.031	65	56548	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.047	84	232015	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.066	67	76507	5.266	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.314	98	187917	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	7.625	79	11820	2.619	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.400%#
46) 2-Hexanone-d5	8.088	63	89231	42.466	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.940%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	46218	4.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	55411	5.543	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						
3) Chloromethane	1.240	50	1680	0.116	ug/L #	76
6) Bromomethane	1.523	94	1169	0.170	ug/L	78
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1006	0.088	ug/L #	27
12) 1,1-Dichloroethene	2.105	96	1102	0.109	ug/L #	1
25) Chloroform	4.365	83	3510	0.147	ug/L	83
35) Methylcyclohexane	6.066	83	17248	0.983	ug/L #	15
47) Tetrachloroethene	7.973	164	520	0.067	ug/L	91
51) Chlorobenzene	8.883	112	1428	0.047	ug/L	97
61) 1,2,3-Trichloropropane	11.243	75	11845	1.904	ug/L #	70
68) 1,2-Dibromo-3-chloropr...	12.416	75	168	0.131	ug/L #	9

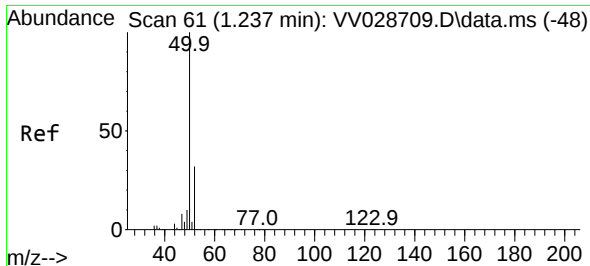
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 2022
Response via : Initial Calibration

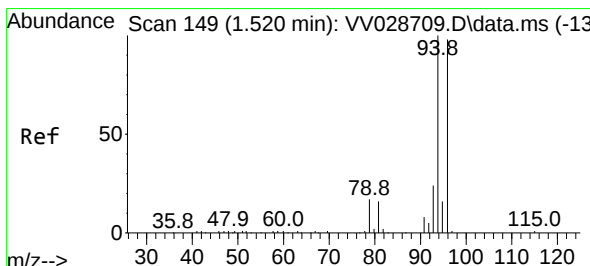
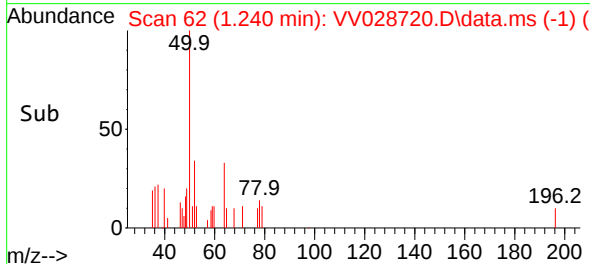
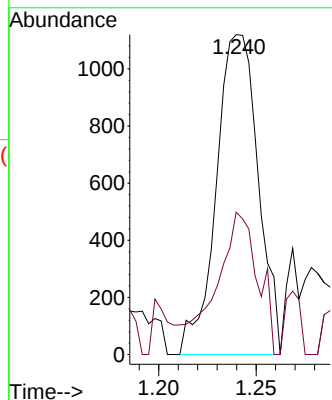
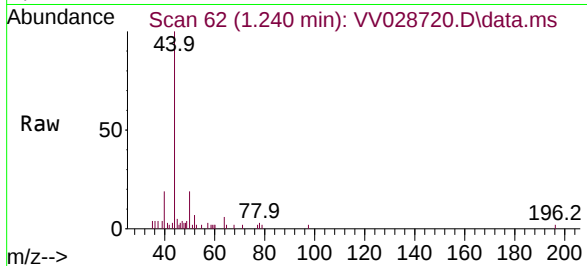




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028720.D
Acq: 27 Oct 2022 15:13

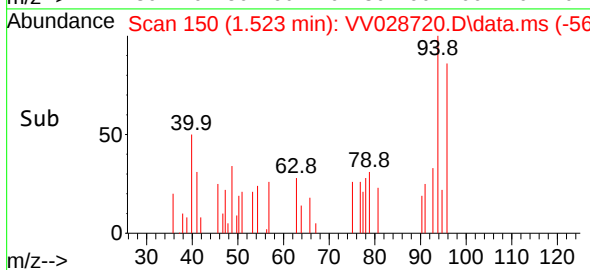
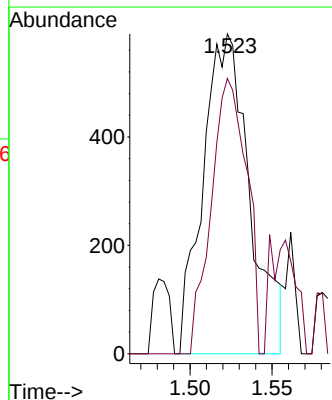
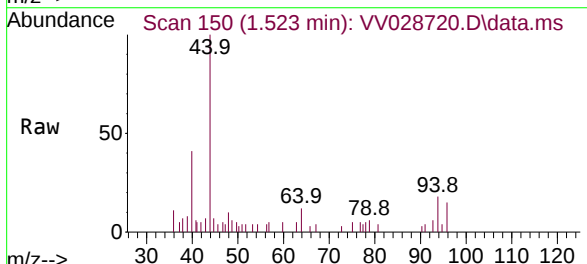
Instrument :
MSVOA_V
ClientSampleId :
BHAC3

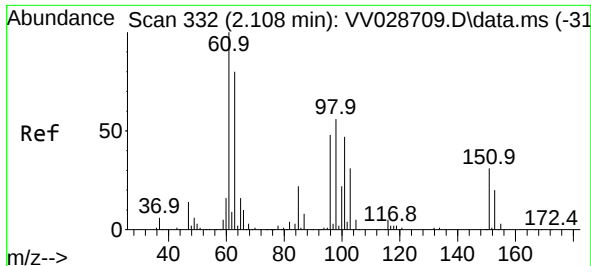
Tgt Ion: 50 Resp: 1680
Ion Ratio Lower Upper
50 100
52 44.6 21.8 40.6#



#6
Bromomethane
Concen: 0.170 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028720.D
Acq: 27 Oct 2022 15:13

Tgt Ion: 94 Resp: 1169
Ion Ratio Lower Upper
94 100
96 70.6 64.3 119.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.088 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.003 min

Lab File: VV028720.D

Acq: 27 Oct 2022 15:13

Instrument :

MSVOA_V

ClientSampleId :

BHAC3

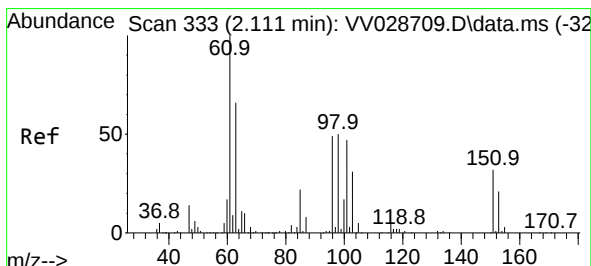
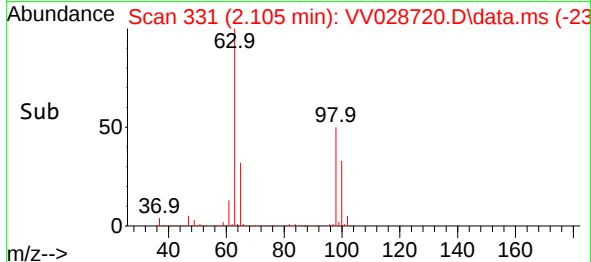
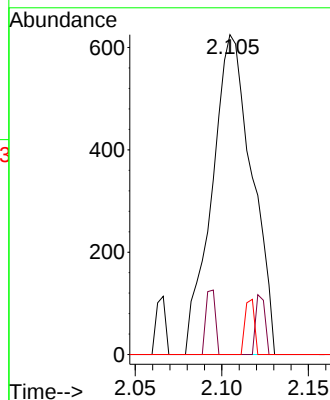
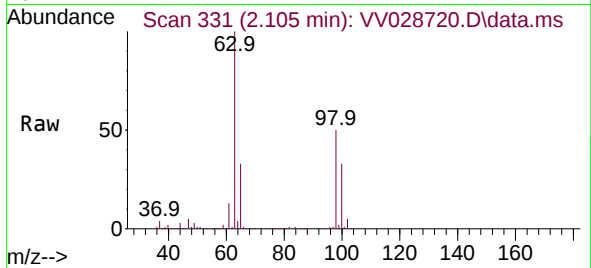
Tgt Ion:101 Resp: 1006

Ion Ratio Lower Upper

101 100

85 4.8 37.0 55.6#

151 0.0 50.2 75.2#



#12

1,1-Dichloroethene

Concen: 0.109 ug/L

RT: 2.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VV028720.D

Acq: 27 Oct 2022 15:13

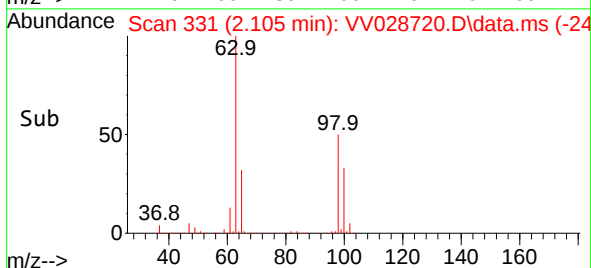
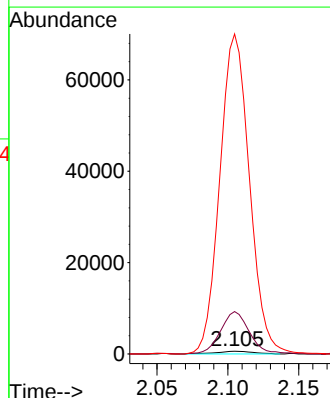
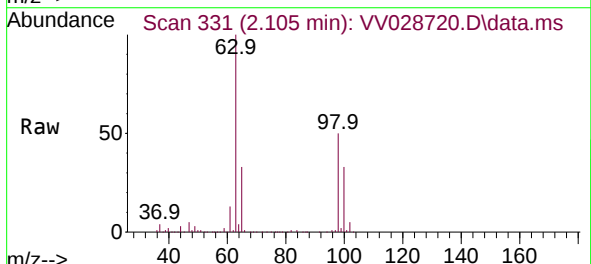
Tgt Ion: 96 Resp: 1102

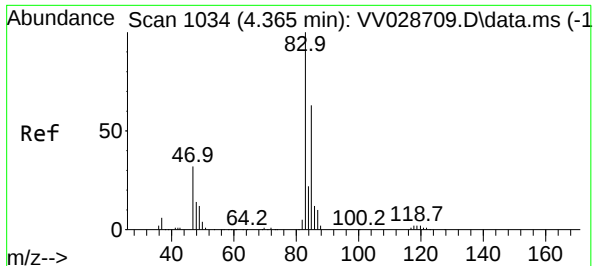
Ion Ratio Lower Upper

96 100

61 1574.2 148.1 275.1#

63 11895.4 133.3 247.7#

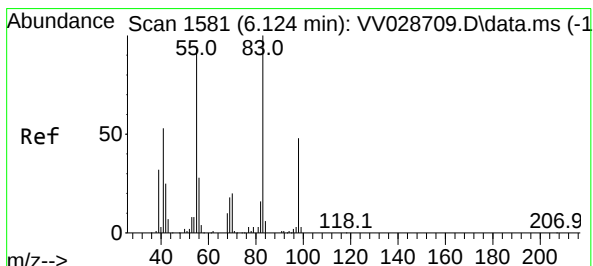
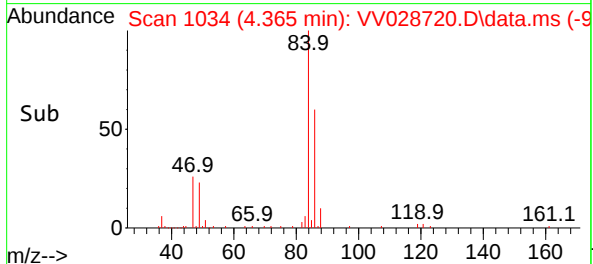
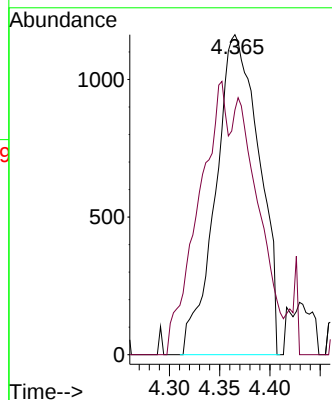
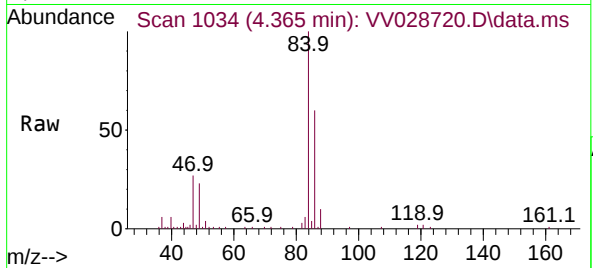




#25
Chloroform
Concen: 0.147 ug/L
RT: 4.365 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028720.D
Acq: 27 Oct 2022 15:13

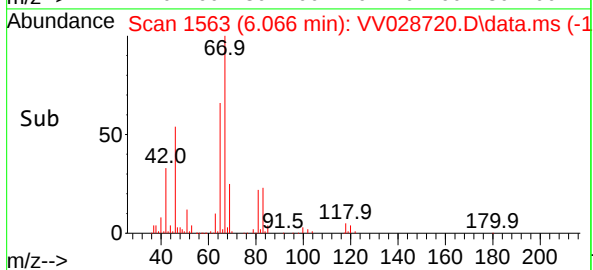
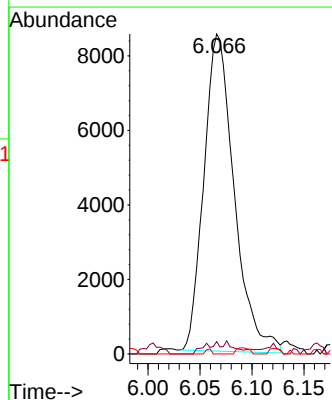
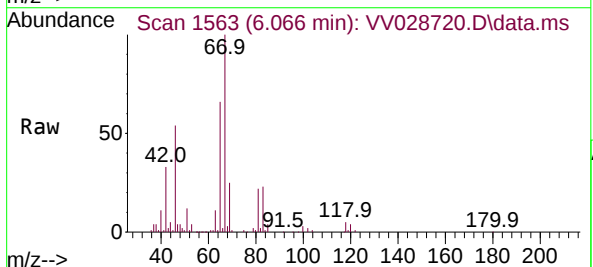
Instrument :
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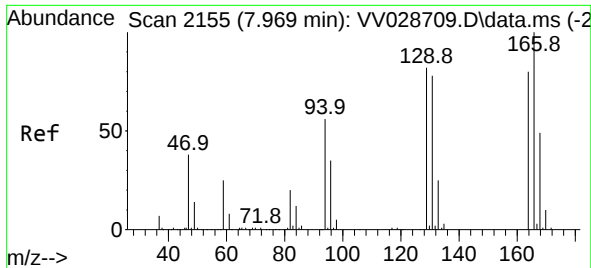
Tgt Ion: 83 Resp: 3510
Ion Ratio Lower Upper
83 100
85 76.4 44.1 81.9



#35
Methylcyclohexane
Concen: 0.983 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028720.D
Acq: 27 Oct 2022 15:13

Tgt Ion: 83 Resp: 17248
Ion Ratio Lower Upper
83 100
55 0.8 70.0 105.0#
98 0.0 35.6 53.4#



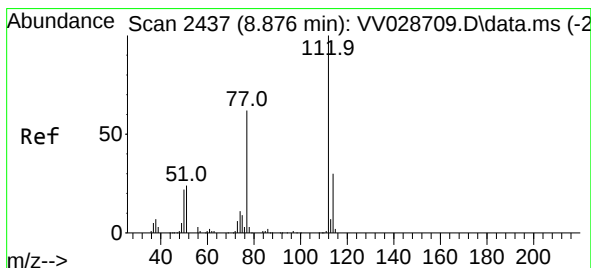
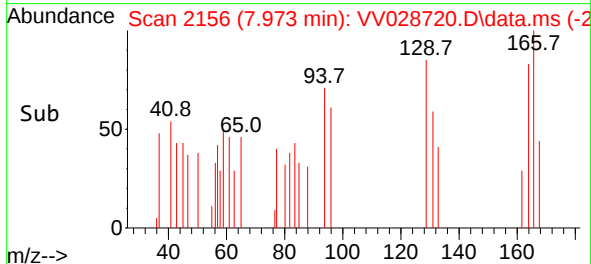
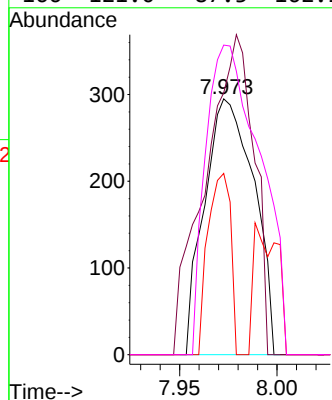
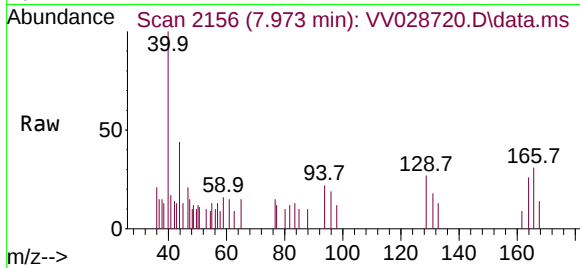


#47
Tetrachloroethene
Concen: 0.067 ug/L
RT: 7.973 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028720.D
Acq: 27 Oct 2022 15:13

Instrument :
MSVOA_V
ClientSampleId :
BHAC3

Tgt Ion:164 Resp: 520

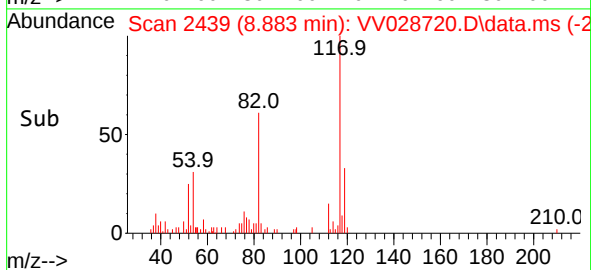
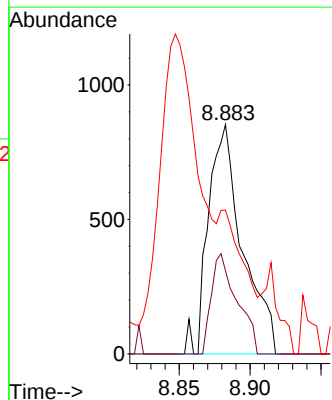
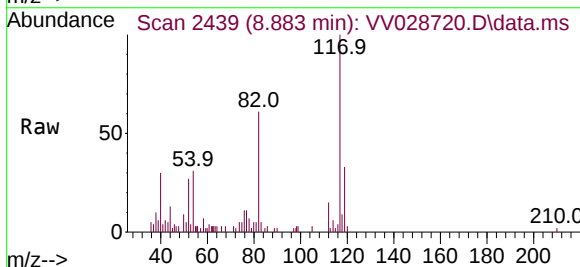
Ion	Ratio	Lower	Upper
164	100		
129	102.4	69.2	128.6
131	70.8	64.2	119.2
166	121.0	87.3	162.1

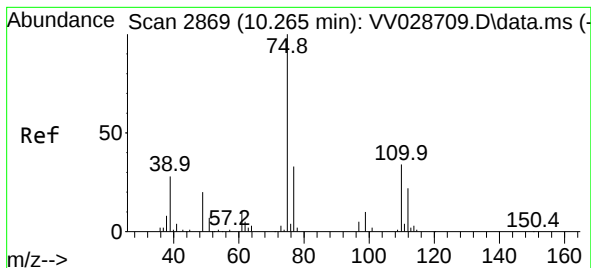


#51
Chlorobenzene
Concen: 0.047 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.006 min
Lab File: VV028720.D
Acq: 27 Oct 2022 15:13

Tgt Ion:112 Resp: 1428

Ion	Ratio	Lower	Upper
112	100		
114	36.2	22.0	41.0
77	62.7	50.0	75.0





#61

1,2,3-Trichloropropane

Concen: 1.904 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV028720.D

Acq: 27 Oct 2022 15:13

Instrument :

MSVOA_V

ClientSampleId :

BHAC3

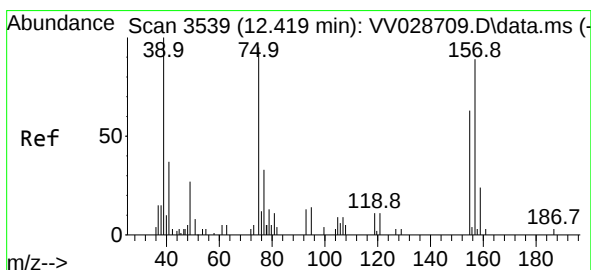
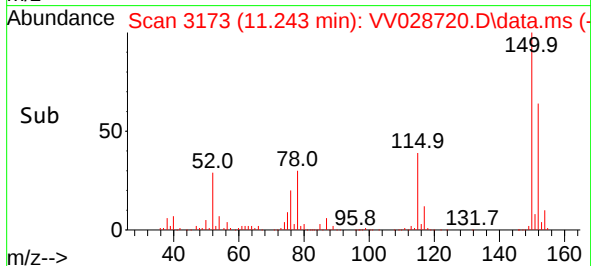
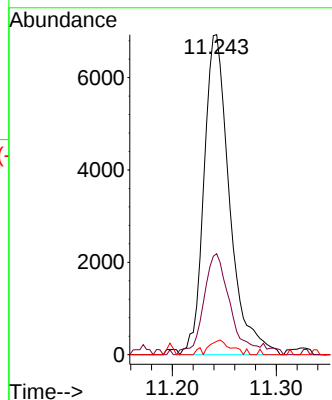
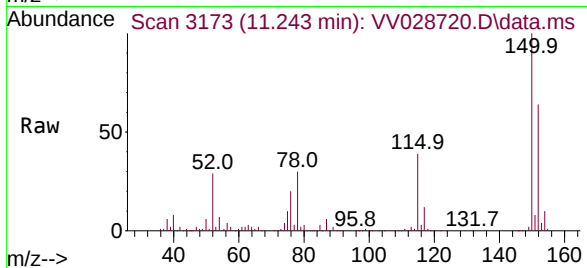
Tgt Ion: 75 Resp: 11845

Ion Ratio Lower Upper

75 100

77 33.8 25.2 37.8

110 3.8 27.9 41.9#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.131 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VV028720.D

Acq: 27 Oct 2022 15:13

Tgt Ion: 75 Resp: 168

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 71.5 107.3#

