

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028738.D
 Acq On : 28 Oct 2022 00:16
 Operator : SY/MD
 Sample : N5232-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAD3

Quant Time: Oct 28 05:37:57 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	217791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	201550	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	88520	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50556	3.338	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.564	69	50565	3.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.105	63	77273	2.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.800%#
20) 2-Butanone-d5	3.889	46	195355	56.562	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.120%
24) Chloroform-d	4.346	84	107573	4.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.027	65	55148	4.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.047	84	200986	3.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.066	67	72178	4.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.313	98	159856	3.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.622	79	16606	3.133	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.600%
46) 2-Hexanone-d5	8.085	63	136436	55.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.580%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	51793	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	56413	4.620	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2578	0.150	ug/L	91
6) Bromomethane	1.519	94	1140	0.140	ug/L	99
8) Chloroethane	1.497	64	38681	3.339	ug/L #	51
13) Acetone	2.179	43	14767	7.203	ug/L	91
14) Carbon disulfide	2.294	76	2098	0.076	ug/L #	69
25) Chloroform	4.368	83	77360	2.735	ug/L	98
33) Benzene	5.111	78	3229	0.054	ug/L	100
35) Methylcyclohexane	6.069	83	16939	0.822	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	9040	0.587	ug/L #	88
42) Toluene	7.394	91	12449	0.218	ug/L	99
51) Chlorobenzene	8.879	112	18140	0.504	ug/L	93
53) m,p-Xylene	9.143	106	3805	0.166	ug/L	89
55) Styrene	9.580	104	2022	0.052	ug/L	93
60) Isopropylbenzene	9.924	105	5917	0.106	ug/L #	95
61) 1,2,3-Trichloropropane	11.239	75	15173	1.996	ug/L #	69
62) 1,3,5-Trimethylbenzene	10.918	105	1682	0.104	ug/L	97

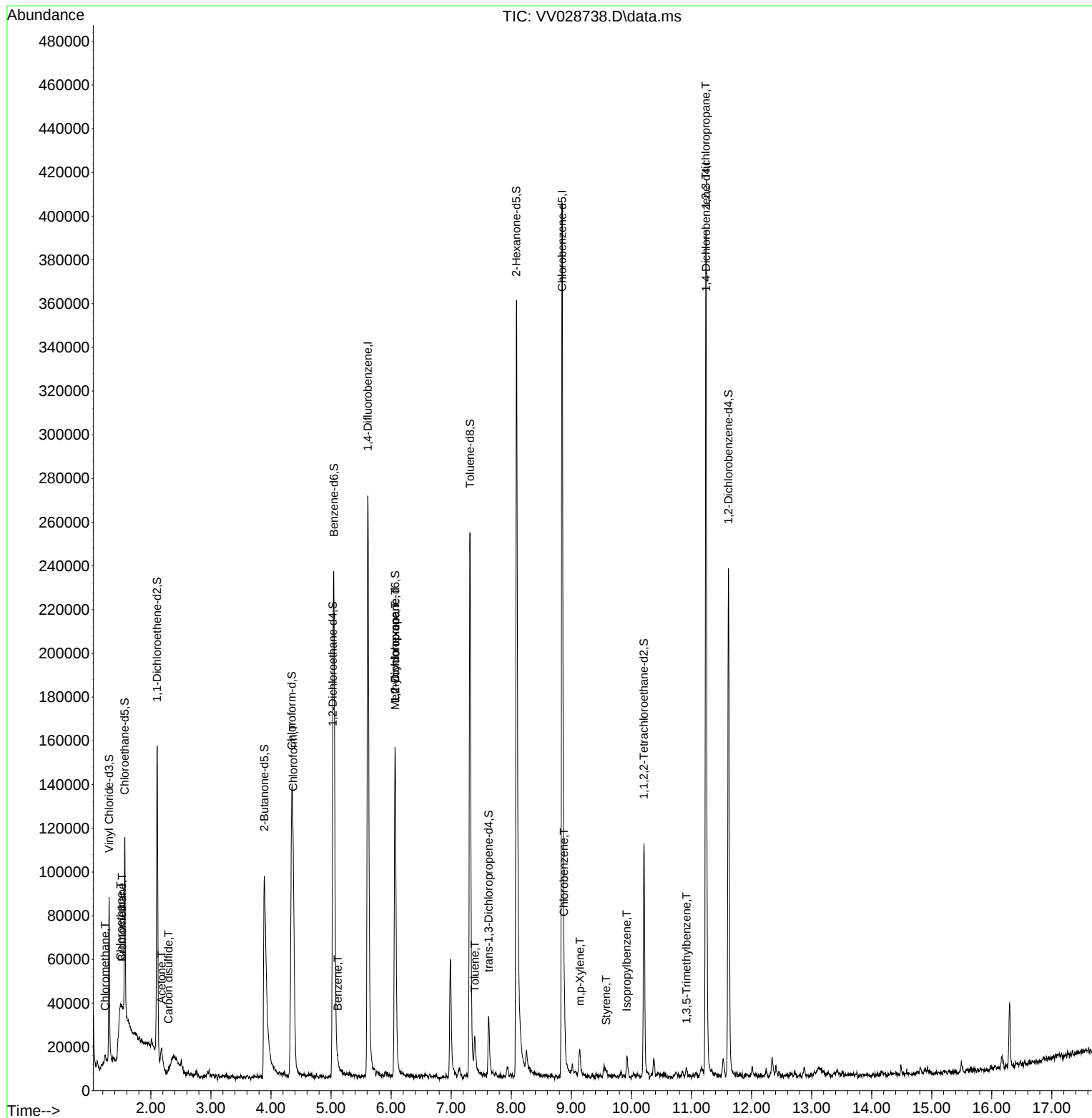
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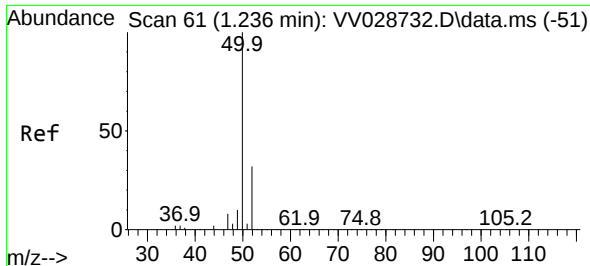
Instrument :
MSVOA_V
ClientSampleId :
BHAD3

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Data File : VV028738.D
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Sample : N5232-06
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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 28 05:37:57 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

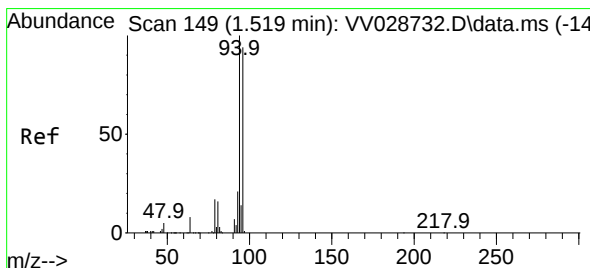
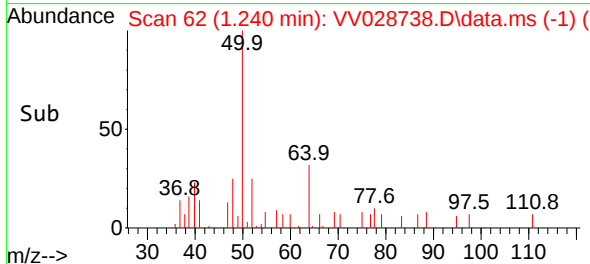
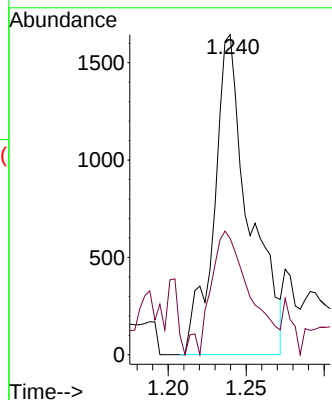
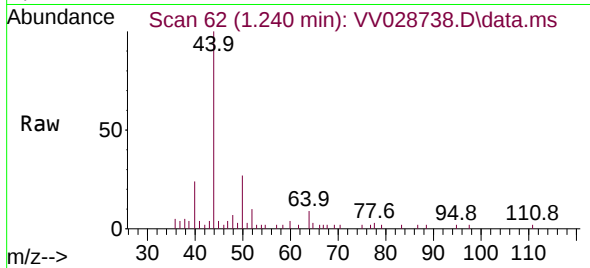




#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

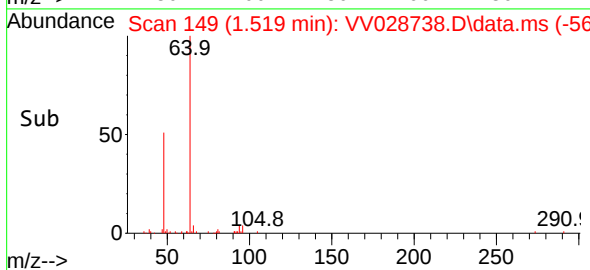
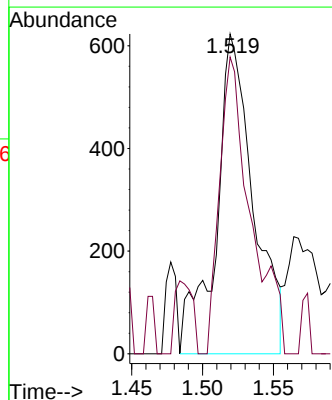
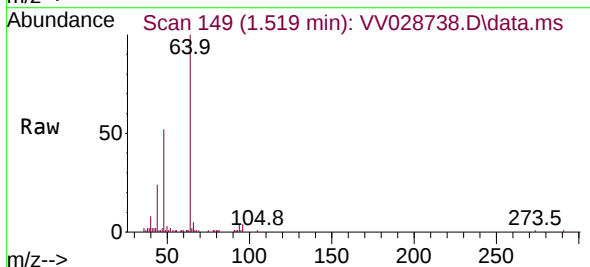
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MSVOA_V
ClientSampleId :
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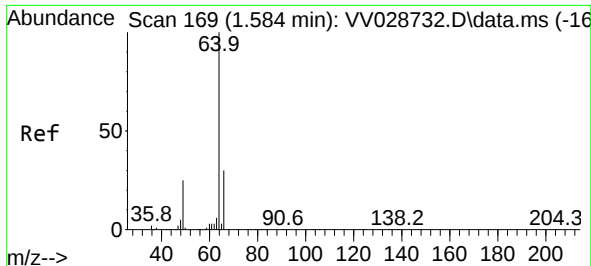
Tgt Ion: 50 Resp: 2578
Ion Ratio Lower Upper
50 100
52 36.4 21.8 40.6



#6
Bromomethane
Concen: 0.140 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

Tgt Ion: 94 Resp: 1140
Ion Ratio Lower Upper
94 100
96 92.8 64.3 119.3

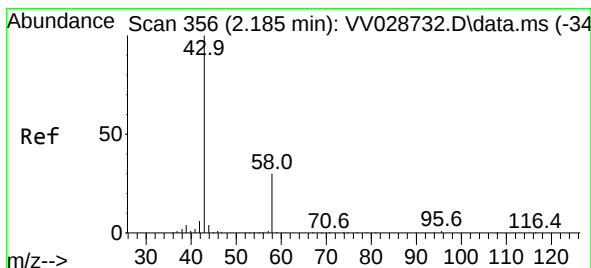
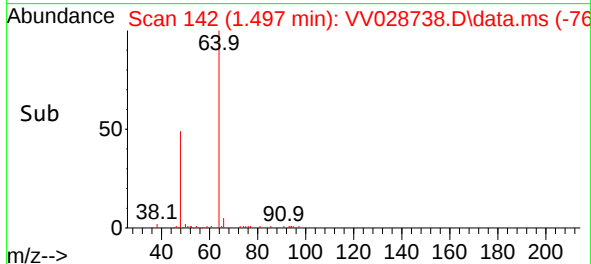
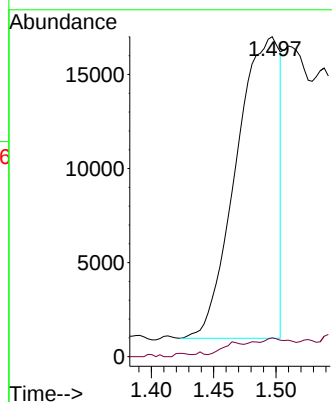
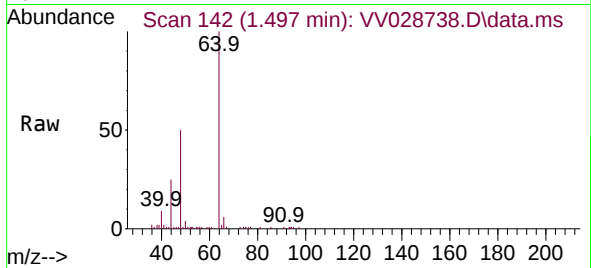




#8
Chloroethane
Concen: 3.339 ug/L
RT: 1.497 min Scan# 14
Delta R.T. -0.087 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

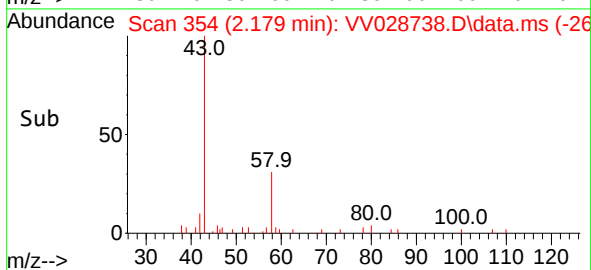
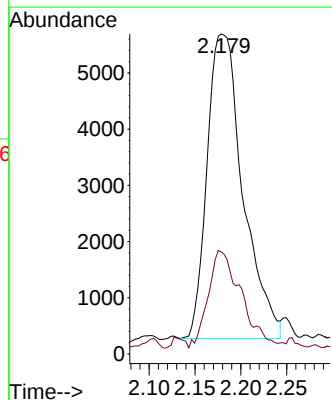
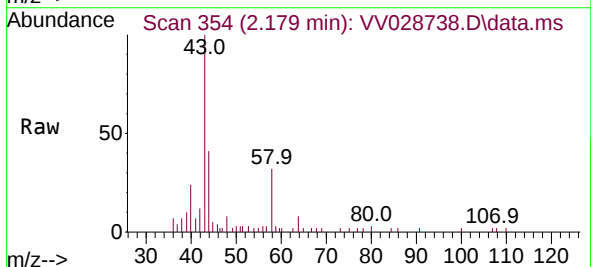
Instrument :
MSVOA_V
ClientSampleId :
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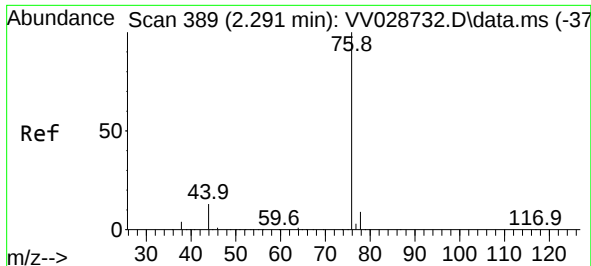
Tgt Ion: 64 Resp: 38681
Ion Ratio Lower Upper
64 100
66 5.9 23.9 44.5#



#13
Acetone
Concen: 7.203 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.006 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

Tgt Ion: 43 Resp: 14767
Ion Ratio Lower Upper
43 100
58 29.5 0.0 50.2

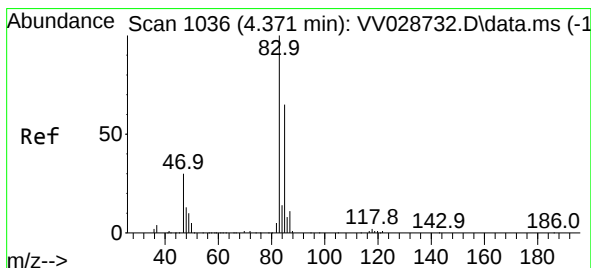
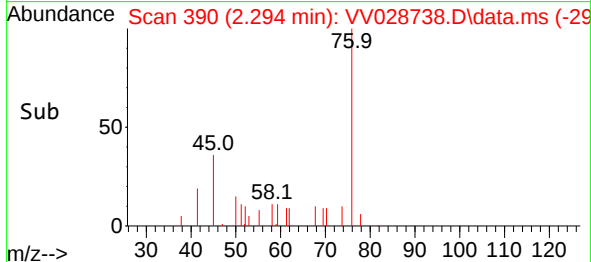
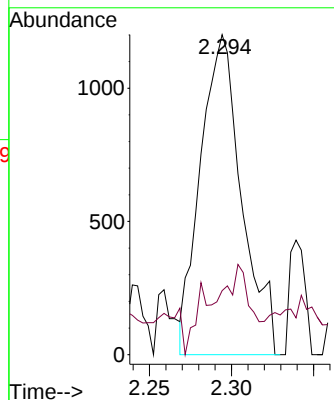
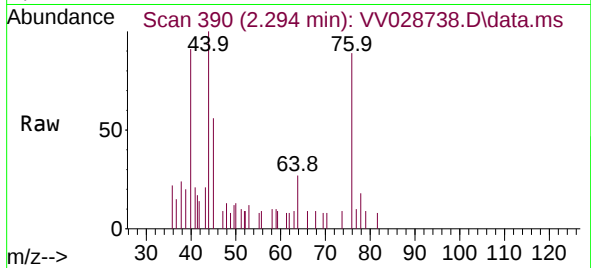




#14
Carbon disulfide
Concen: 0.076 ug/L
RT: 2.294 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

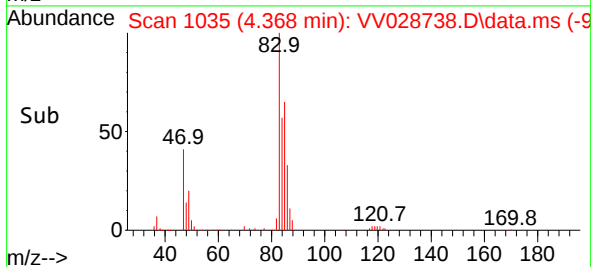
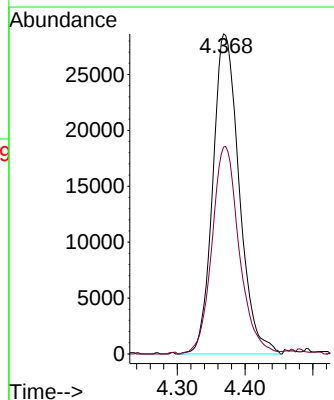
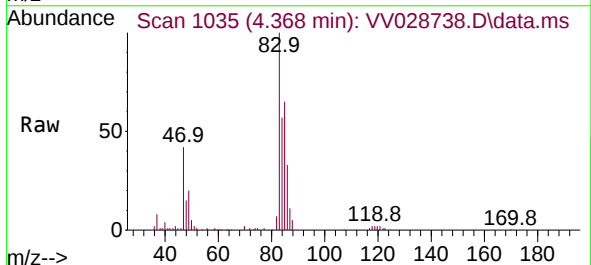
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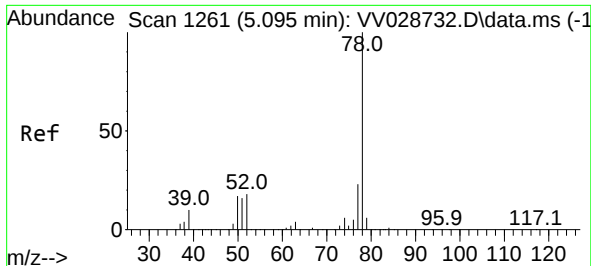
Tgt Ion: 76 Resp: 2098
Ion Ratio Lower Upper
76 100
78 20.0 7.1 10.7#



#25
Chloroform
Concen: 2.735 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

Tgt Ion: 83 Resp: 77360
Ion Ratio Lower Upper
83 100
85 64.7 44.1 81.9

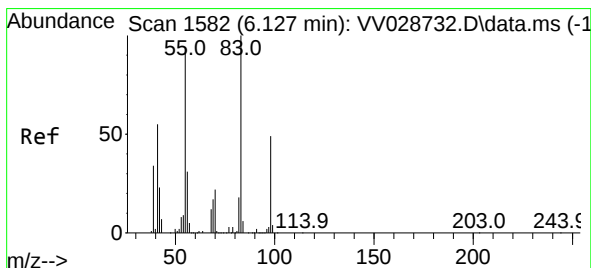
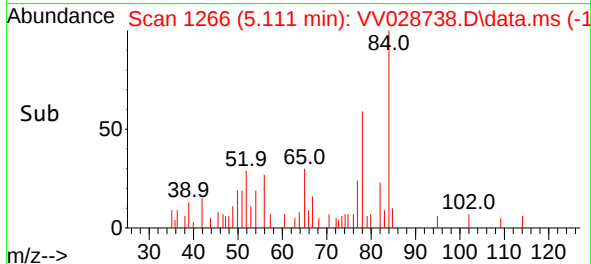
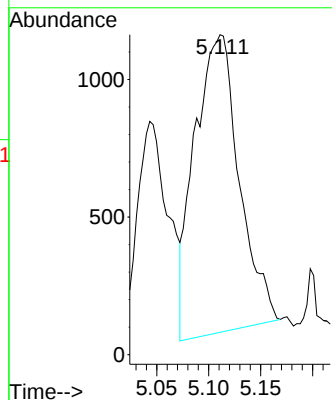
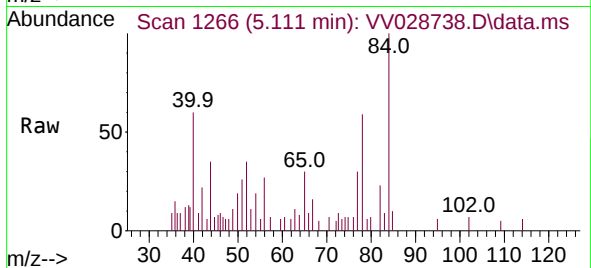




#33
Benzene
Concen: 0.054 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

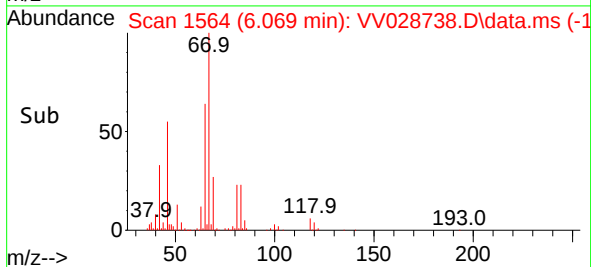
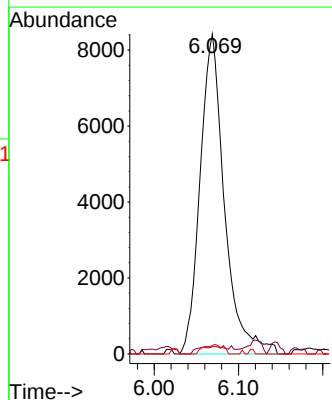
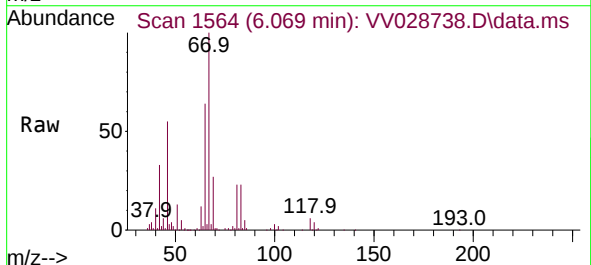
Instrument :
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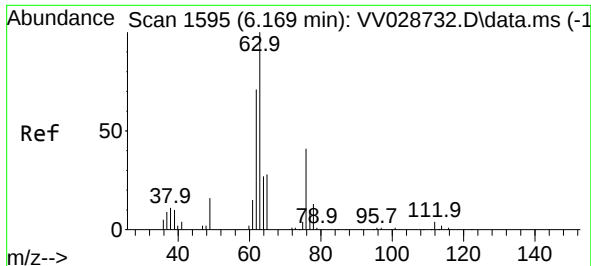
Tgt Ion: 78 Resp: 3229



#35
Methylcyclohexane
Concen: 0.822 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

Tgt Ion: 83 Resp: 16939
Ion Ratio Lower Upper
83 100
55 0.7 70.0 105.0#
98 2.3 35.6 53.4#





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV028738.D

Acq: 28 Oct 2022 00:16

Instrument :

MSVOA_V

ClientSampleId :

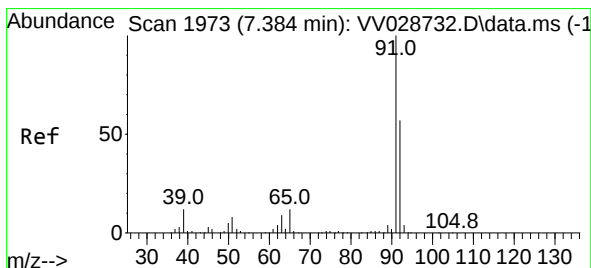
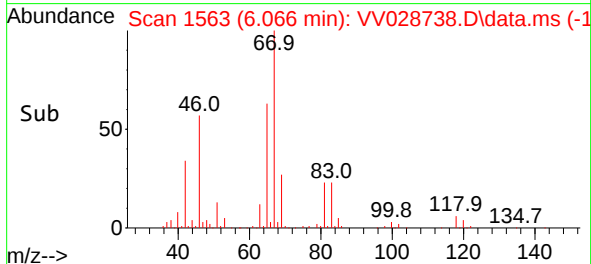
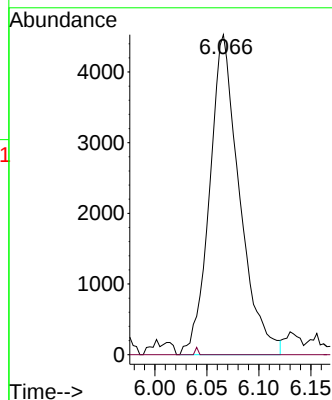
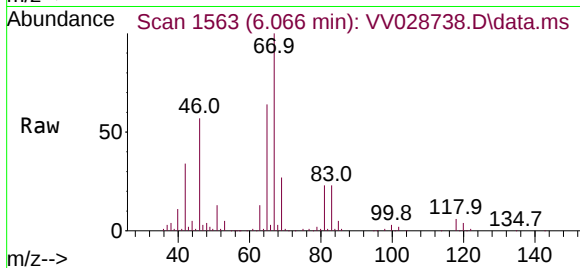
BHAD3

Tgt Ion: 63 Resp: 9040

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.2#



#42

Toluene

Concen: 0.218 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV028738.D

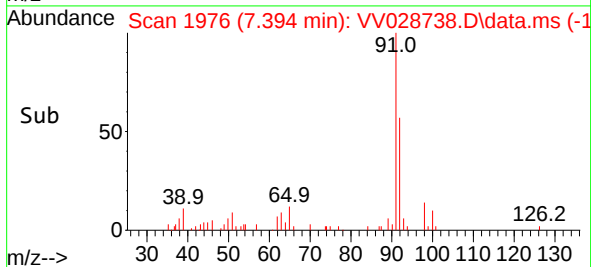
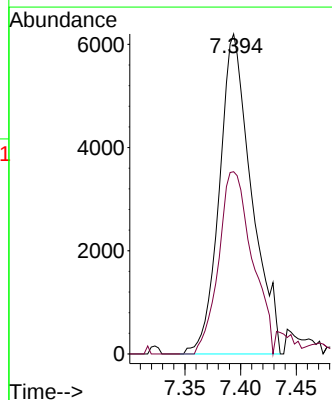
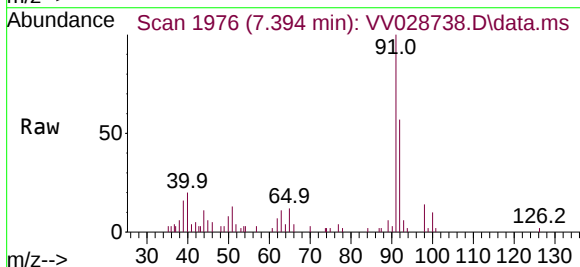
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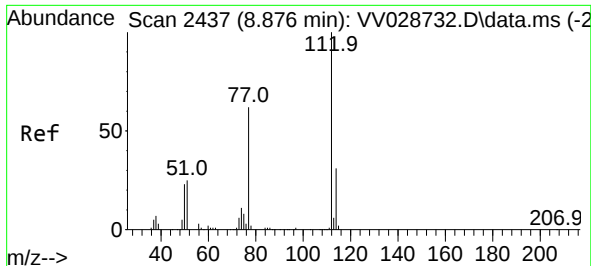
Tgt Ion: 91 Resp: 12449

Ion Ratio Lower Upper

91 100

92 57.0 40.5 75.3

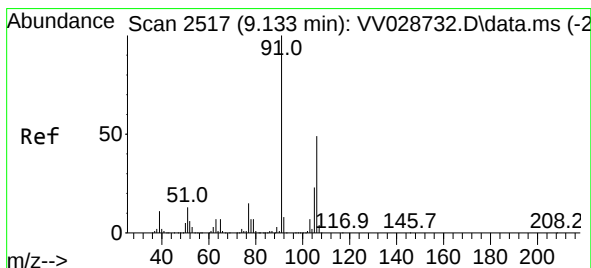
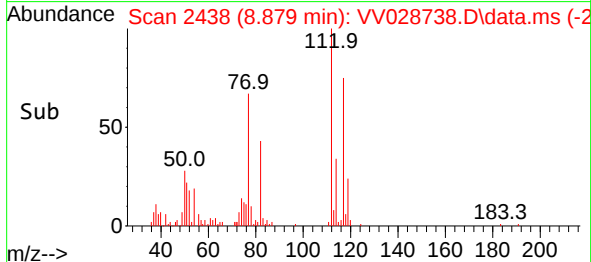
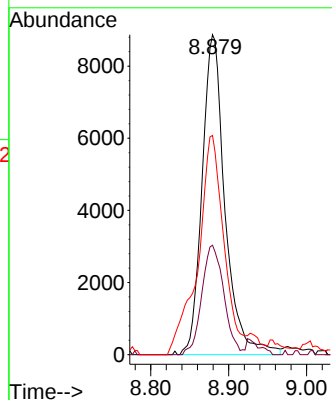
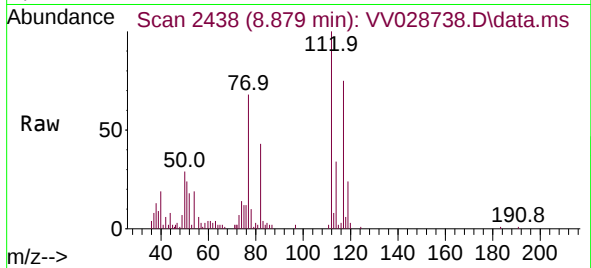




#51
Chlorobenzene
Concen: 0.504 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

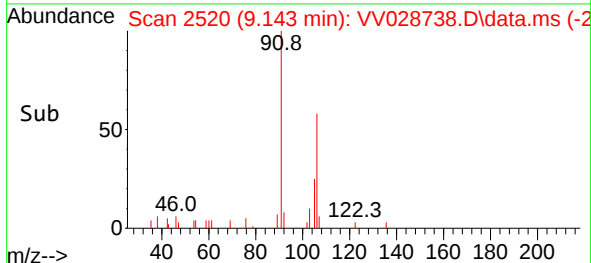
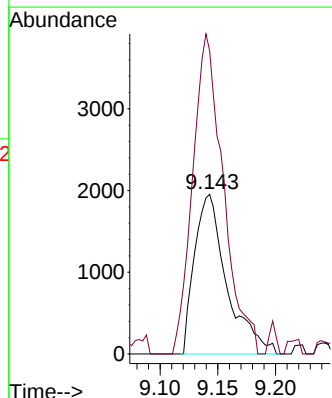
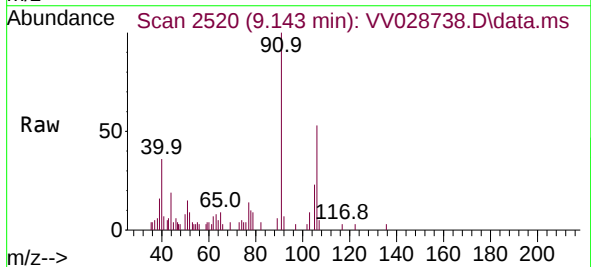
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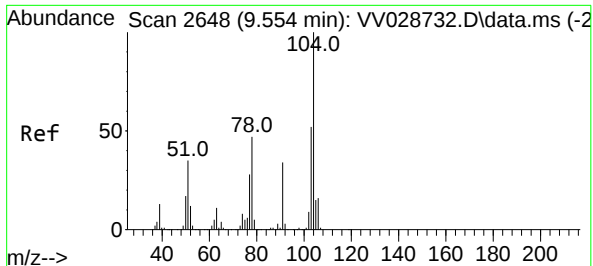
Tgt Ion:112 Resp: 18140
Ion Ratio Lower Upper
112 100
114 34.2 22.0 41.0
77 68.5 50.0 75.0



#53
m,p-Xylene
Concen: 0.166 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

Tgt Ion:106 Resp: 3805
Ion Ratio Lower Upper
106 100
91 190.0 145.5 270.1

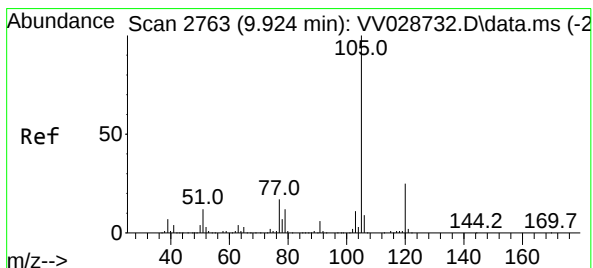
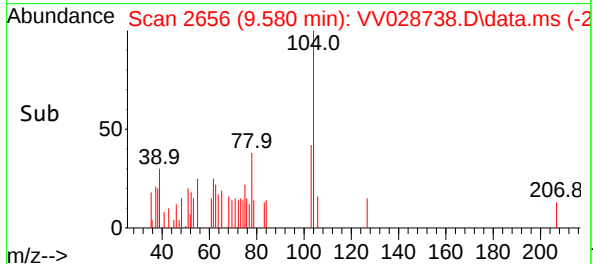
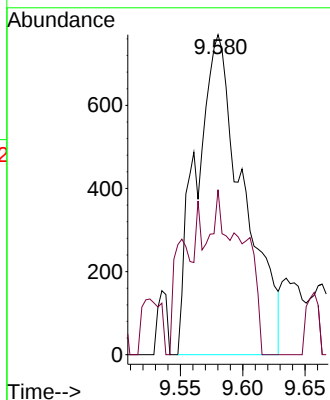
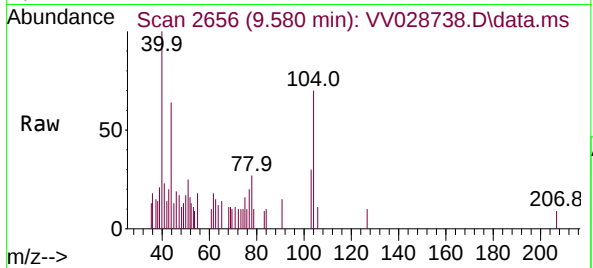




#55
Styrene
Concen: 0.052 ug/L
RT: 9.580 min Scan# 2022
Delta R.T. 0.026 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

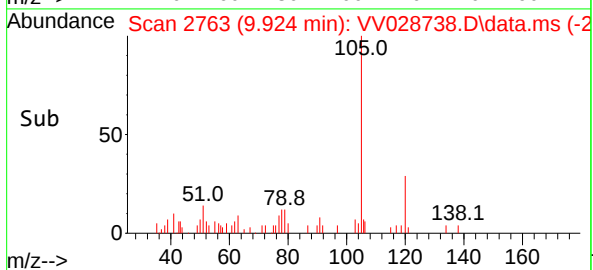
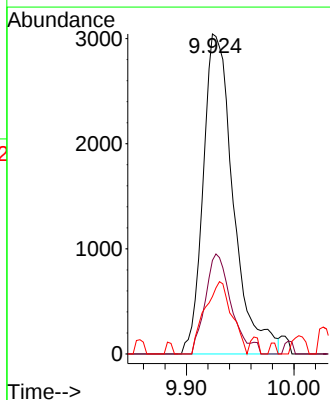
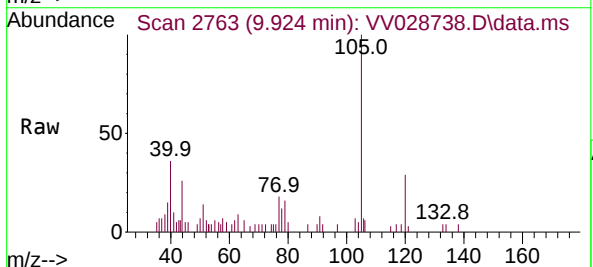
Instrument :
MSVOA_V
ClientSampleId :
BHAD3

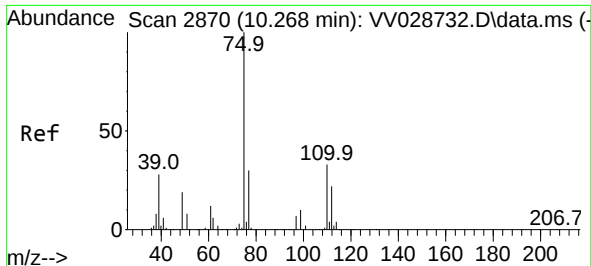
Tgt Ion:104 Resp: 2022
Ion Ratio Lower Upper
104 100
78 51.6 32.8 61.0



#60
Isopropylbenzene
Concen: 0.106 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

Tgt Ion:105 Resp: 5917
Ion Ratio Lower Upper
105 100
120 26.9 20.1 30.1
77 20.1 13.4 20.0#

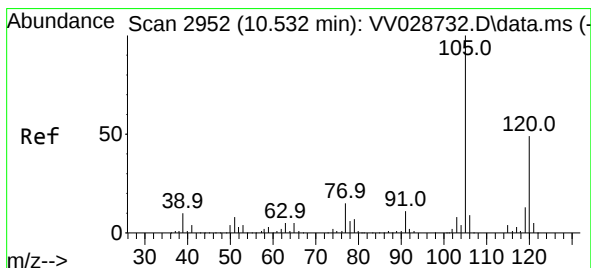
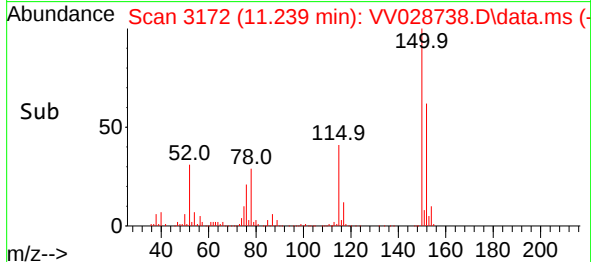
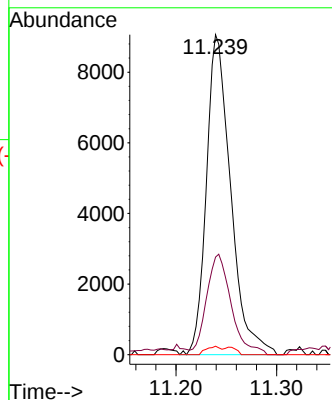
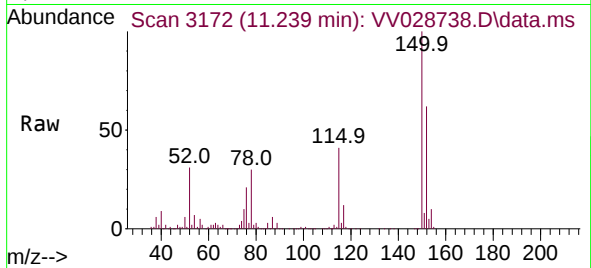




#61
1,2,3-Trichloropropane
Concen: 1.996 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

Instrument :
MSVOA_V
ClientSampleId :
BHAD3

Tgt Ion: 75 Resp: 15173
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
110 1.6 27.9 41.9#



#62
1,3,5-Trimethylbenzene
Concen: 0.104 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.386 min
Lab File: VV028738.D
Acq: 28 Oct 2022 00:16

Tgt Ion: 105 Resp: 1682
Ion Ratio Lower Upper
105 100
120 49.9 38.3 57.5

