

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028716.D
 Acq On : 27 Oct 2022 13:37
 Operator : SY/MD
 Sample : N5232-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAD0

Quant Time: Oct 28 02:17:28 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)

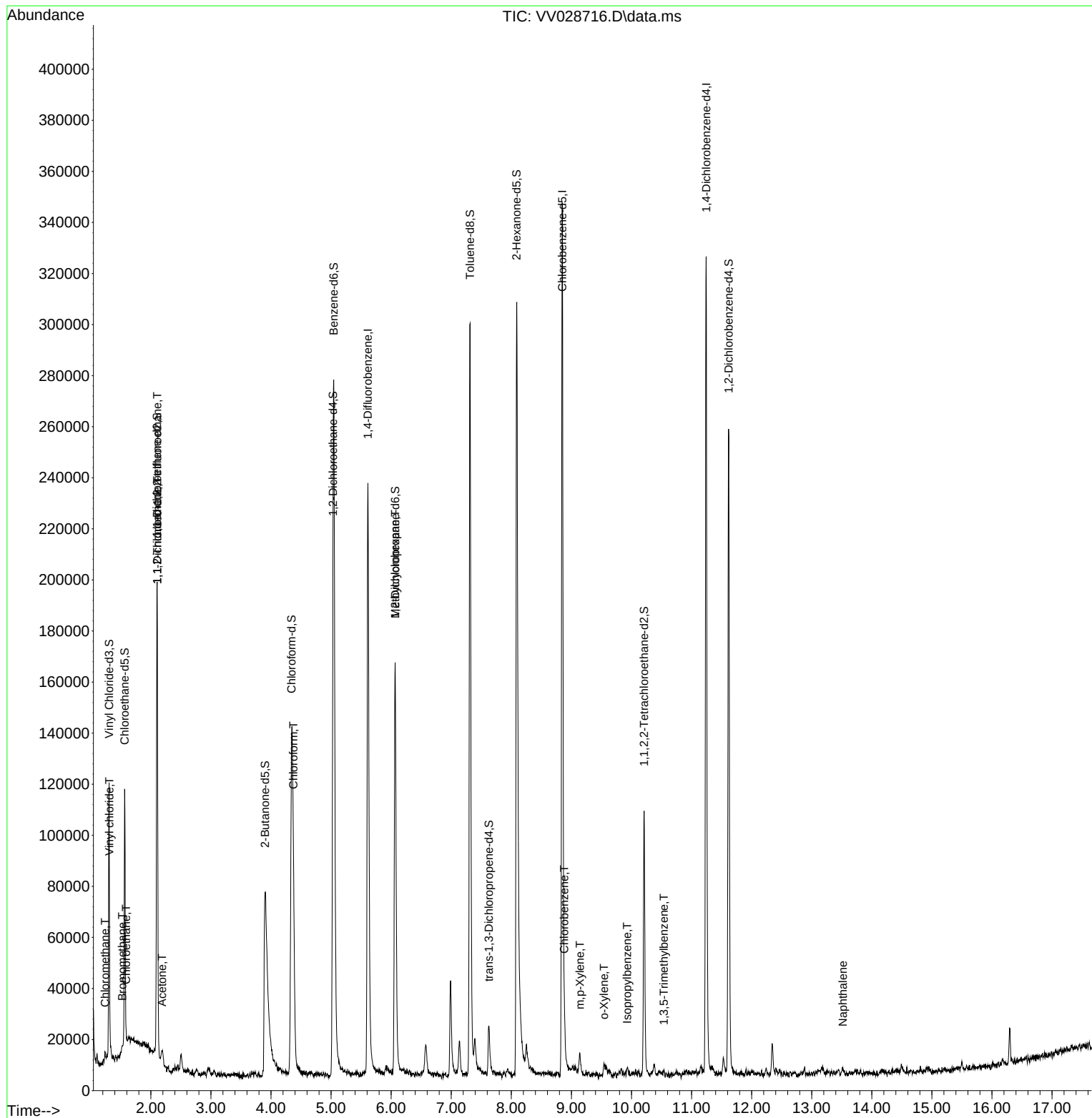
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	186050	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	175237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	76657	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75262	5.816	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.400%
7) Chloroethane-d5	1.564	69	63546	5.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.200%
11) 1,1-Dichloroethene-d2	2.105	63	102895	4.111	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	3.902	46	171797	58.227	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.460%
24) Chloroform-d	4.343	84	118306	5.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.031	65	61955	5.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.043	84	236388	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.066	67	80095	5.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.313	98	189562	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	7.625	79	12250	2.658	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.200%#
46) 2-Hexanone-d5	8.088	63	104594	48.753	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.500%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	50060	5.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	59763	5.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	2233	0.152	ug/L	93
5) Vinyl chloride	1.310	62	910	0.063	ug/L #	1
6) Bromomethane	1.523	94	597	0.086	ug/L	85
8) Chloroethane	1.587	64	1584	0.160	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1158	0.100	ug/L #	26
12) 1,1-Dichloroethene	2.108	96	1053	0.103	ug/L #	1
13) Acetone	2.185	43	18043	10.303	ug/L	86
25) Chloroform	4.371	83	67452	2.792	ug/L	100
35) Methylcyclohexane	6.066	83	17462	0.974	ug/L #	15
51) Chlorobenzene	8.883	112	8486	0.271	ug/L #	84
53) m,p-Xylene	9.143	106	1168	0.059	ug/L	81
54) o-Xylene	9.545	106	1214	0.061	ug/L	86
60) Isopropylbenzene	9.927	105	1774	0.037	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.542	105	481	0.034	ug/L	95
71) Naphthalene	13.519	128	1213	0.059	ug/L #	84

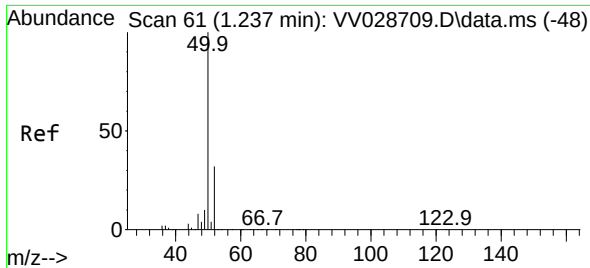
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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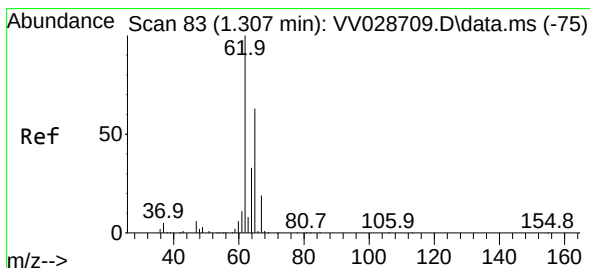
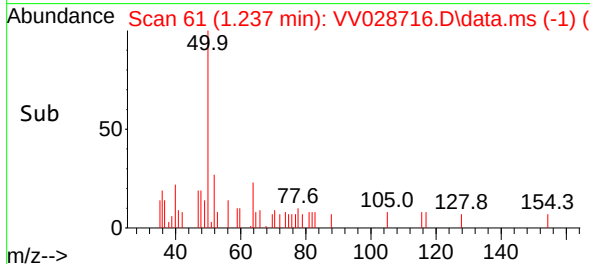
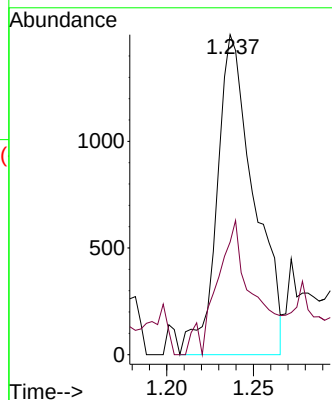
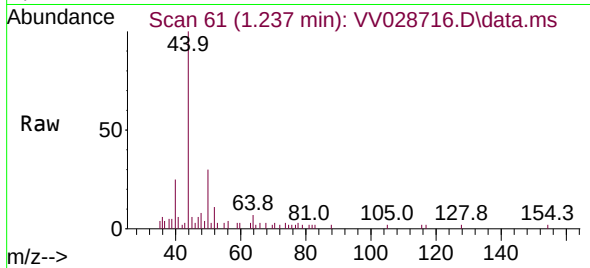




#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

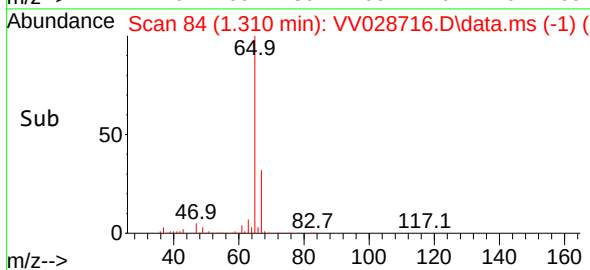
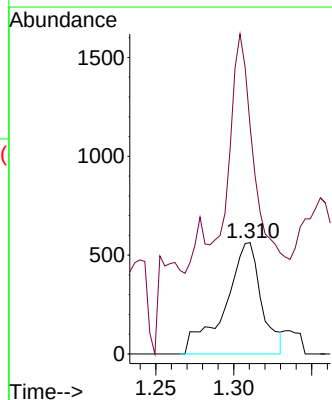
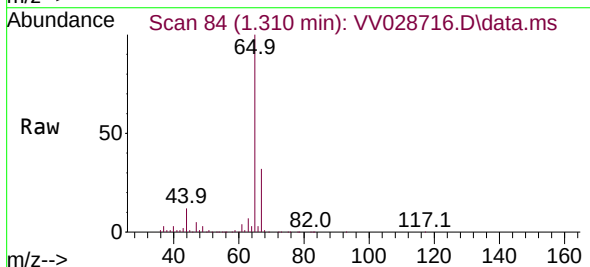
Instrument :
MSVOA_V
ClientSampleId :
BHAD0

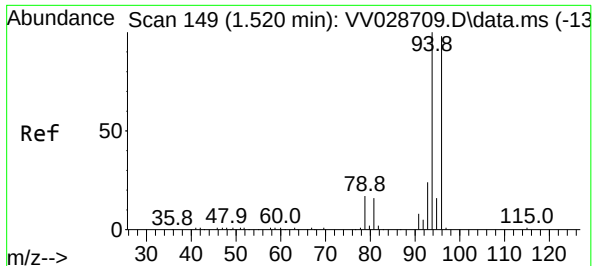
Tgt Ion: 50 Resp: 2233
Ion Ratio Lower Upper
50 100
52 35.2 21.8 40.6



#5
Vinyl chloride
Concen: 0.063 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

Tgt Ion: 62 Resp: 910
Ion Ratio Lower Upper
62 100
64 204.4 22.0 41.0#

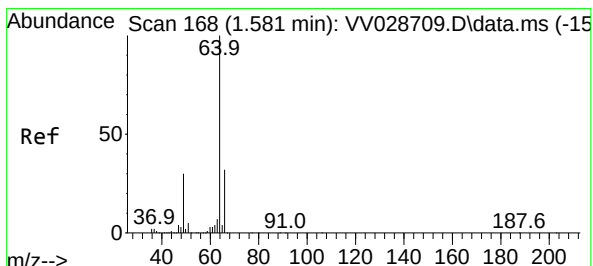
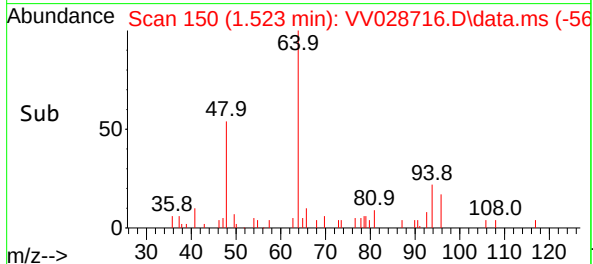
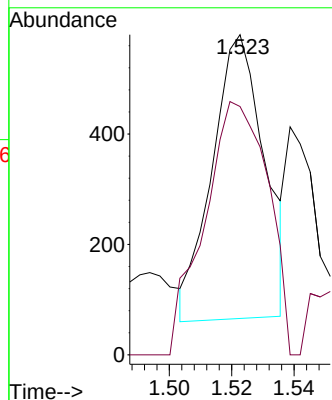
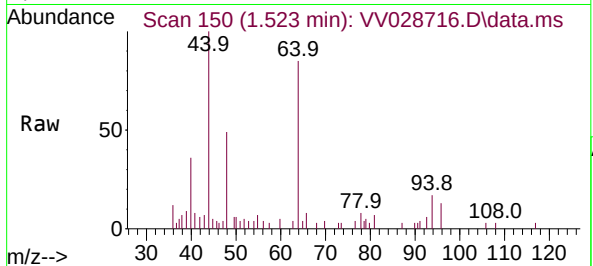




#6
Bromomethane
Concen: 0.086 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

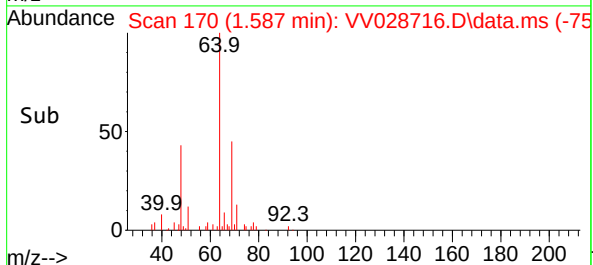
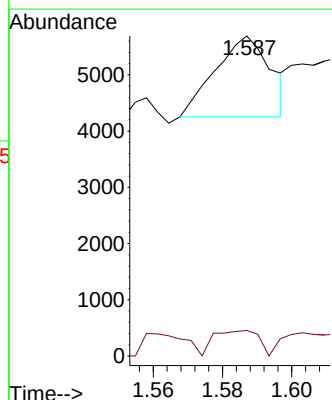
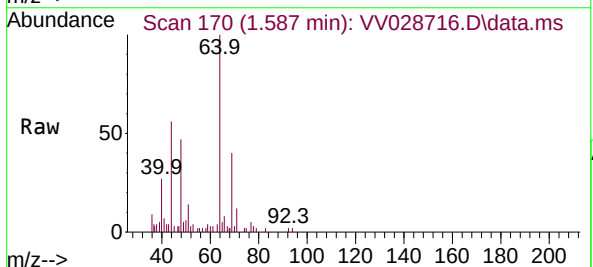
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ClientSampleId :
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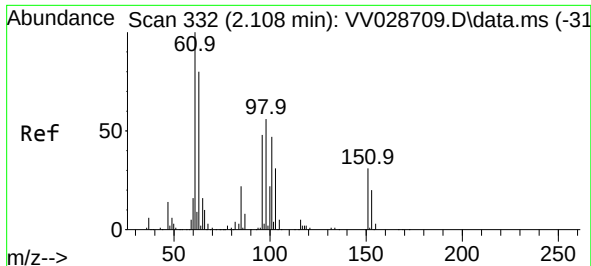
Tgt Ion: 94 Resp: 597
Ion Ratio Lower Upper
94 100
96 77.6 64.3 119.3



#8
Chloroethane
Concen: 0.160 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.006 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

Tgt Ion: 64 Resp: 1584
Ion Ratio Lower Upper
64 100
66 8.0 23.9 44.5#

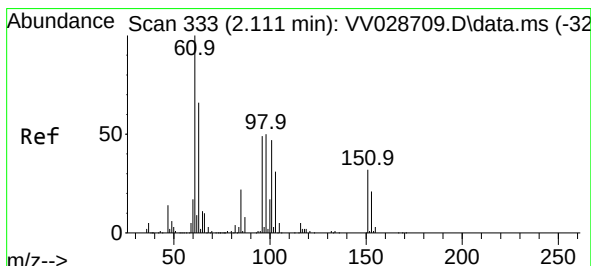
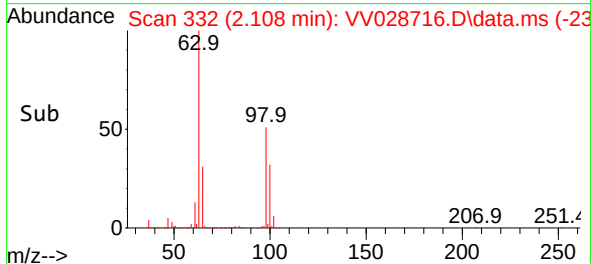
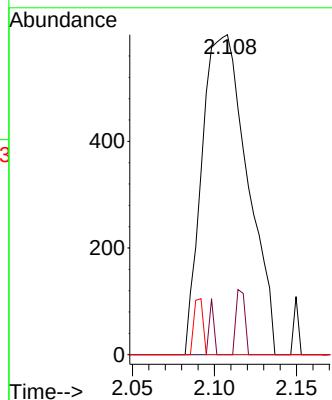
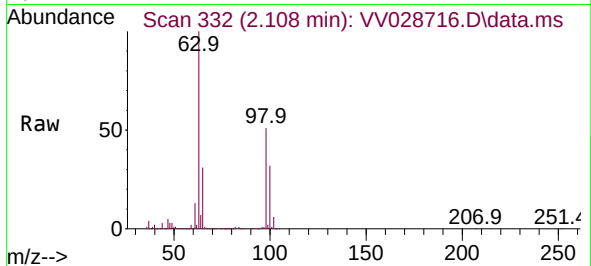




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.100 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV028716.D
 Acq: 27 Oct 2022 13:37

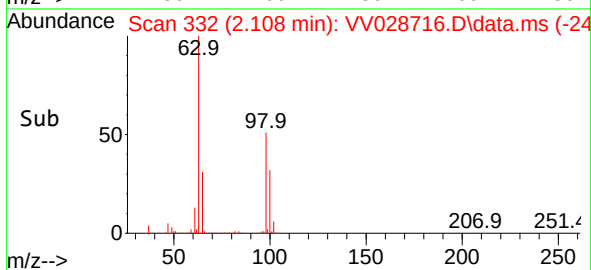
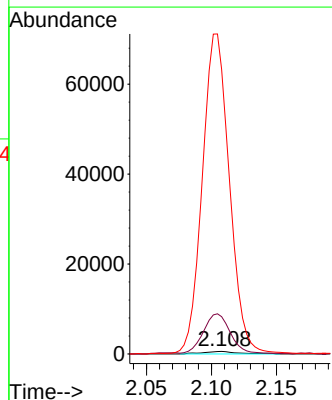
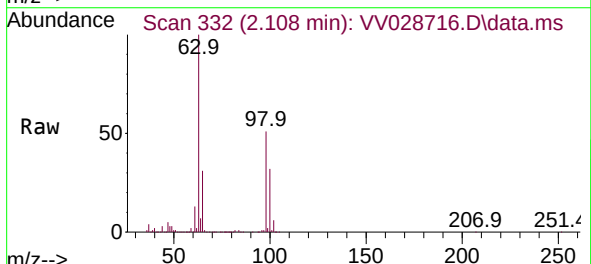
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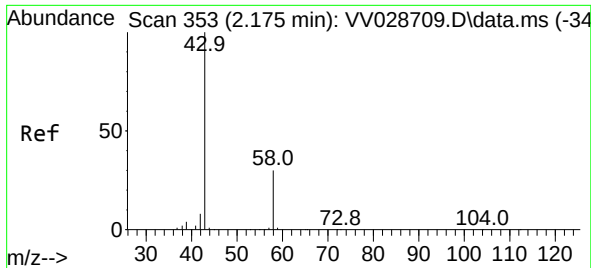
Tgt Ion:101 Resp: 1158
 Ion Ratio Lower Upper
 101 100
 85 4.0 37.0 55.6#
 151 0.0 50.2 75.2#



#12
 1,1-Dichloroethene
 Concen: 0.103 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV028716.D
 Acq: 27 Oct 2022 13:37

Tgt Ion: 96 Resp: 1053
 Ion Ratio Lower Upper
 96 100
 61 1437.6 148.1 275.1#
 63 10965.7 133.3 247.7#

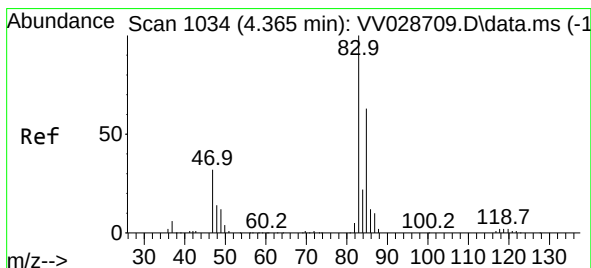
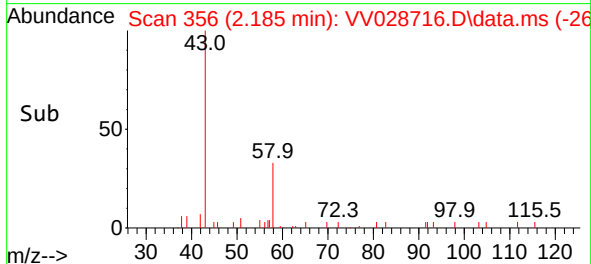
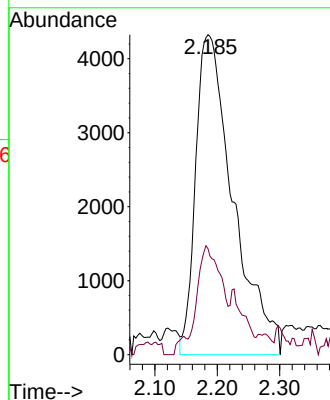
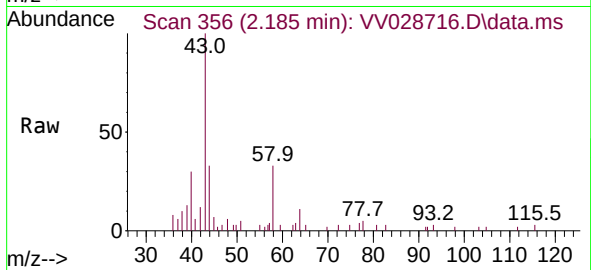




#13
Acetone
Concen: 10.303 ug/L
RT: 2.185 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

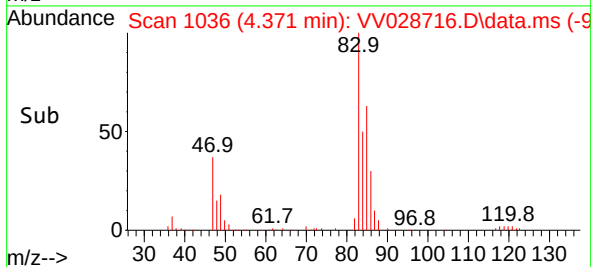
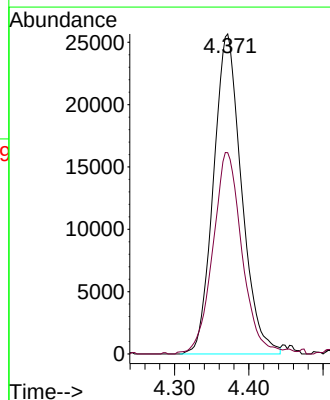
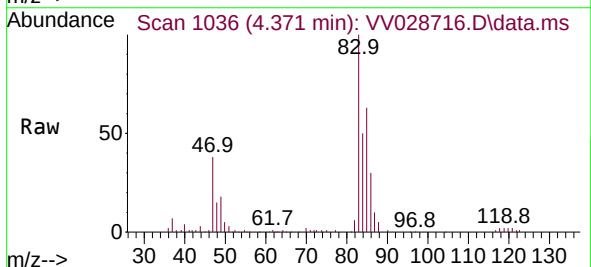
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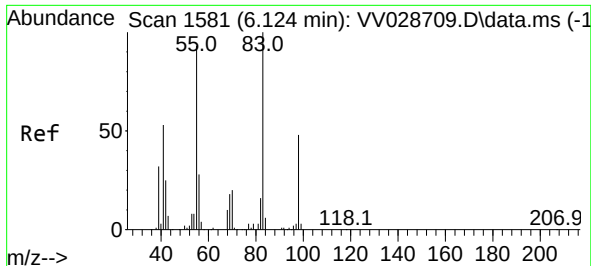
Tgt Ion: 43 Resp: 18043
Ion Ratio Lower Upper
43 100
58 18.0 0.0 50.2



#25
Chloroform
Concen: 2.792 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

Tgt Ion: 83 Resp: 67452
Ion Ratio Lower Upper
83 100
85 62.9 44.1 81.9

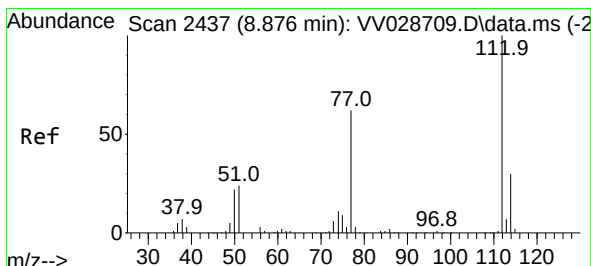
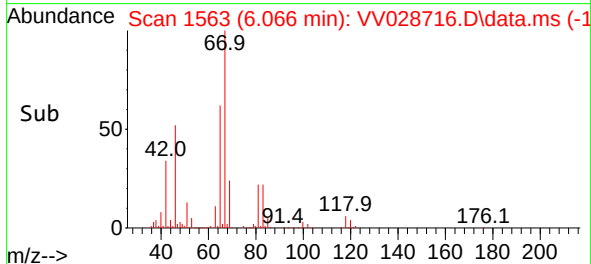
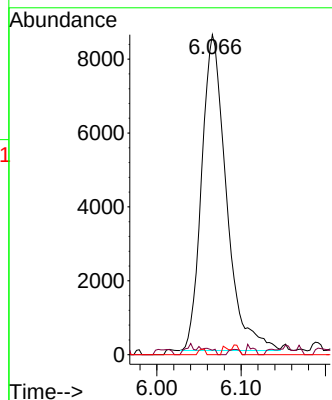
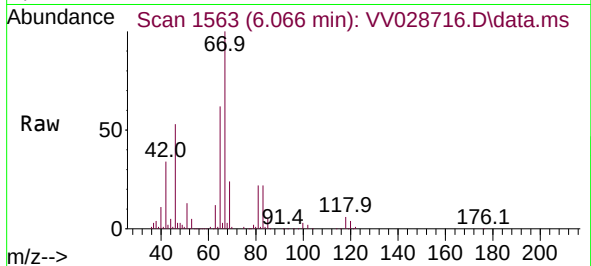




#35
Methylcyclohexane
Concen: 0.974 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

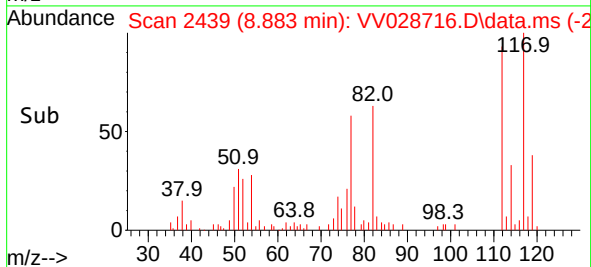
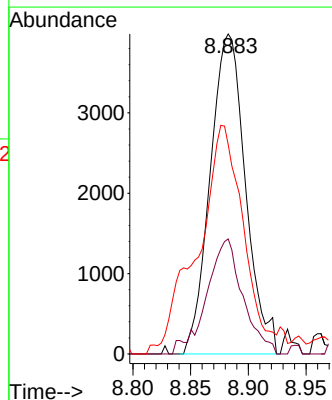
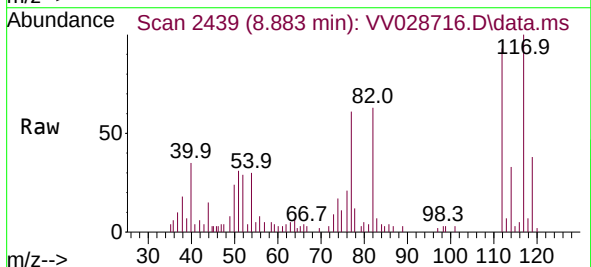
Instrument :
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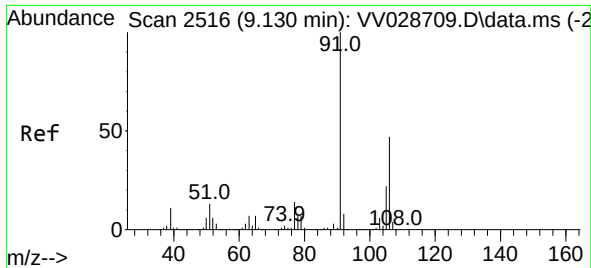
Tgt Ion: 83 Resp: 17462
Ion Ratio Lower Upper
83 100
55 0.0 70.0 105.0#
98 0.6 35.6 53.4#



#51
Chlorobenzene
Concen: 0.271 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.006 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

Tgt Ion: 112 Resp: 8486
Ion Ratio Lower Upper
112 100
114 35.9 22.0 41.0
77 78.1 50.0 75.0#

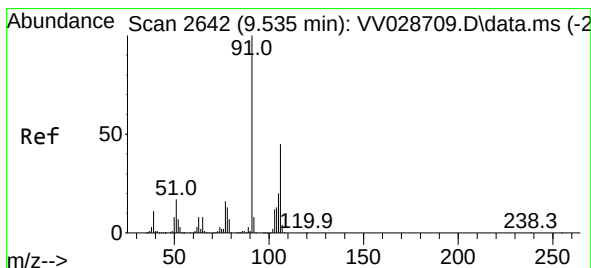
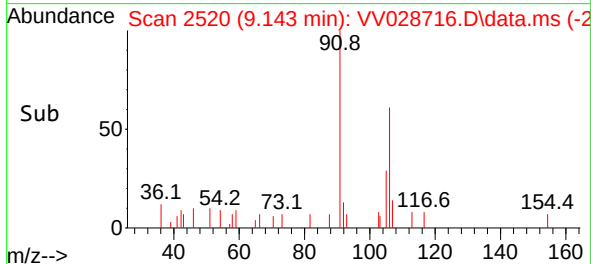
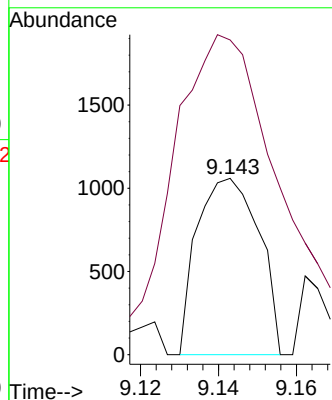
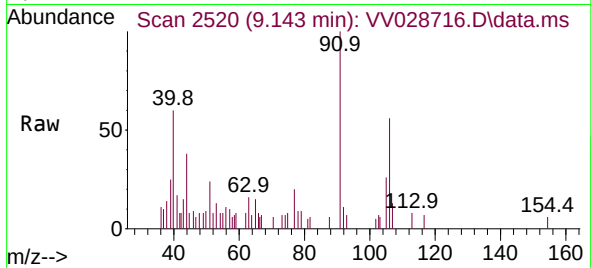




#53
m,p-Xylene
Concen: 0.059 ug/L
RT: 9.143 min Scan# 2516
Delta R.T. 0.013 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

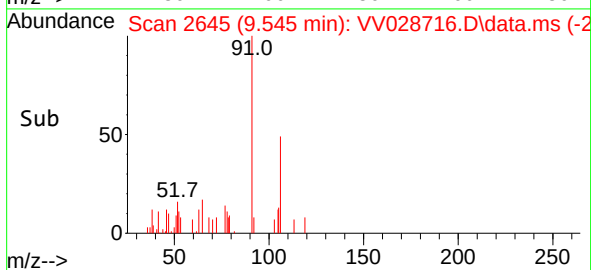
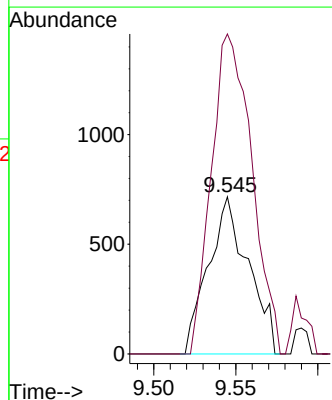
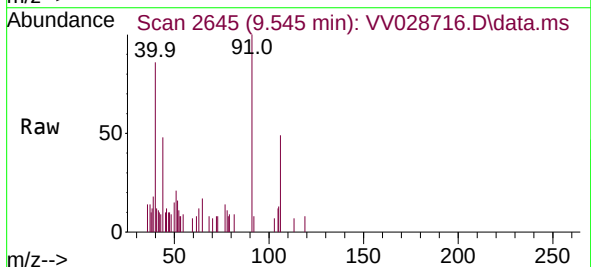
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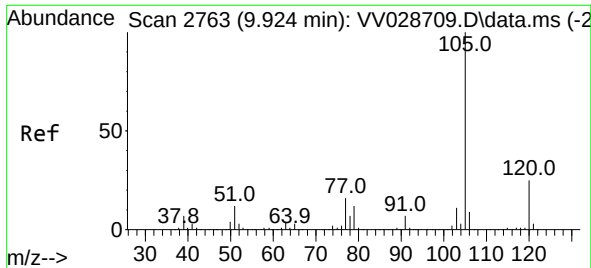
Tgt Ion:106 Resp: 1168
Ion Ratio Lower Upper
106 100
91 178.6 145.5 270.1



#54
o-Xylene
Concen: 0.061 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.010 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

Tgt Ion:106 Resp: 1214
Ion Ratio Lower Upper
106 100
91 203.8 159.0 295.4

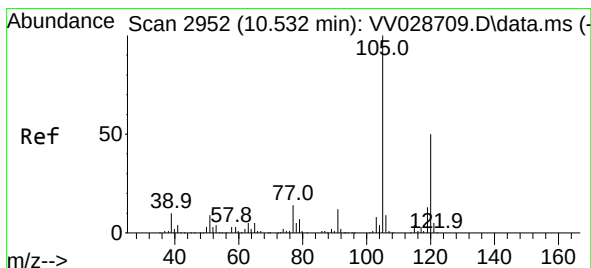
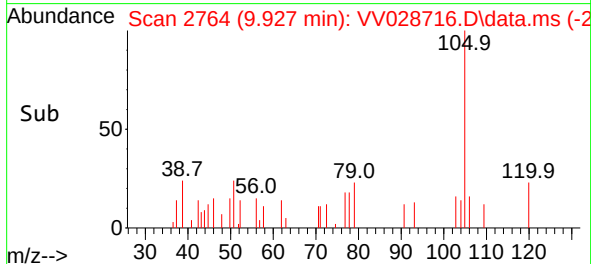
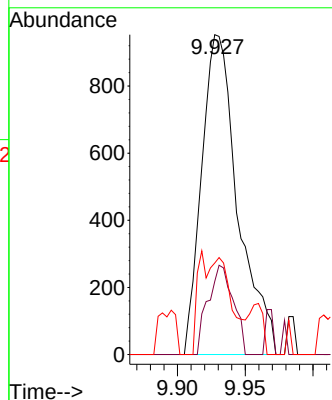
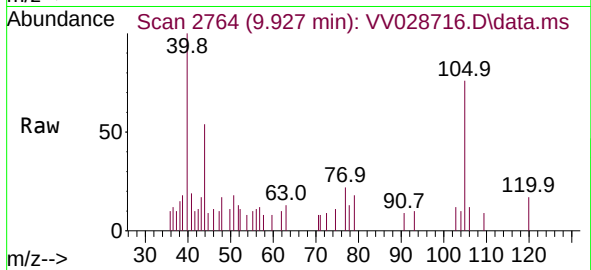




#60
Isopropylbenzene
Concen: 0.037 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

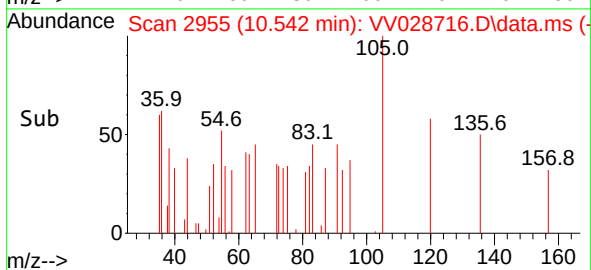
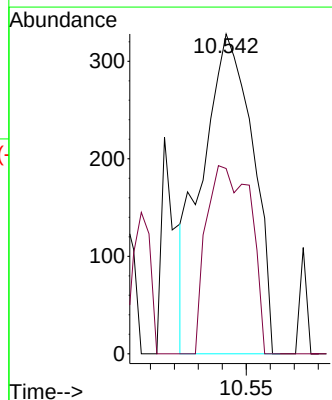
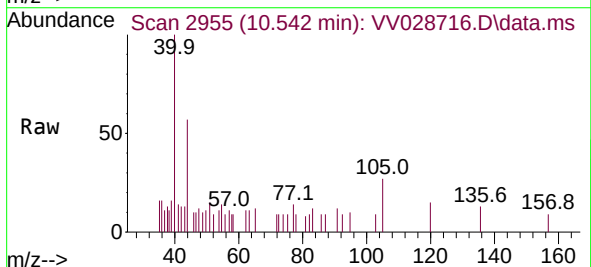
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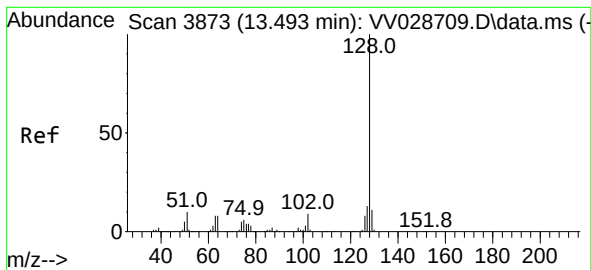
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Ion Ratio Lower Upper
105 100
120 19.5 20.1 30.1#
77 16.3 13.4 20.0



#62
1,3,5-Trimethylbenzene
Concen: 0.034 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.010 min
Lab File: VV028716.D
Acq: 27 Oct 2022 13:37

Tgt Ion:105 Resp: 481
Ion Ratio Lower Upper
105 100
120 51.4 38.3 57.5





#71

Naphthalene

Concen: 0.059 ug/L

RT: 13.519 min Scan# 3881

Delta R.T. 0.026 min

Lab File: VV028716.D

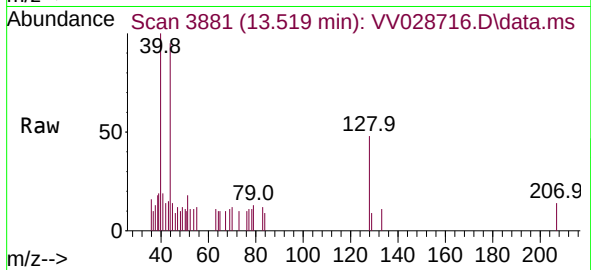
Acq: 27 Oct 2022 13:37

Instrument :

MSVOA_V

ClientSampleId :

BHAD0



Tgt Ion:	128	Resp:	1213
Ion	Ratio	Lower	Upper
128	100		
129	8.5	8.9	13.3#
127	3.5	10.2	15.4#

