

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028717.D
 Acq On : 27 Oct 2022 14:01
 Operator : SY/MD
 Sample : N5232-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAD5

Quant Time: Oct 28 02:17:41 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)

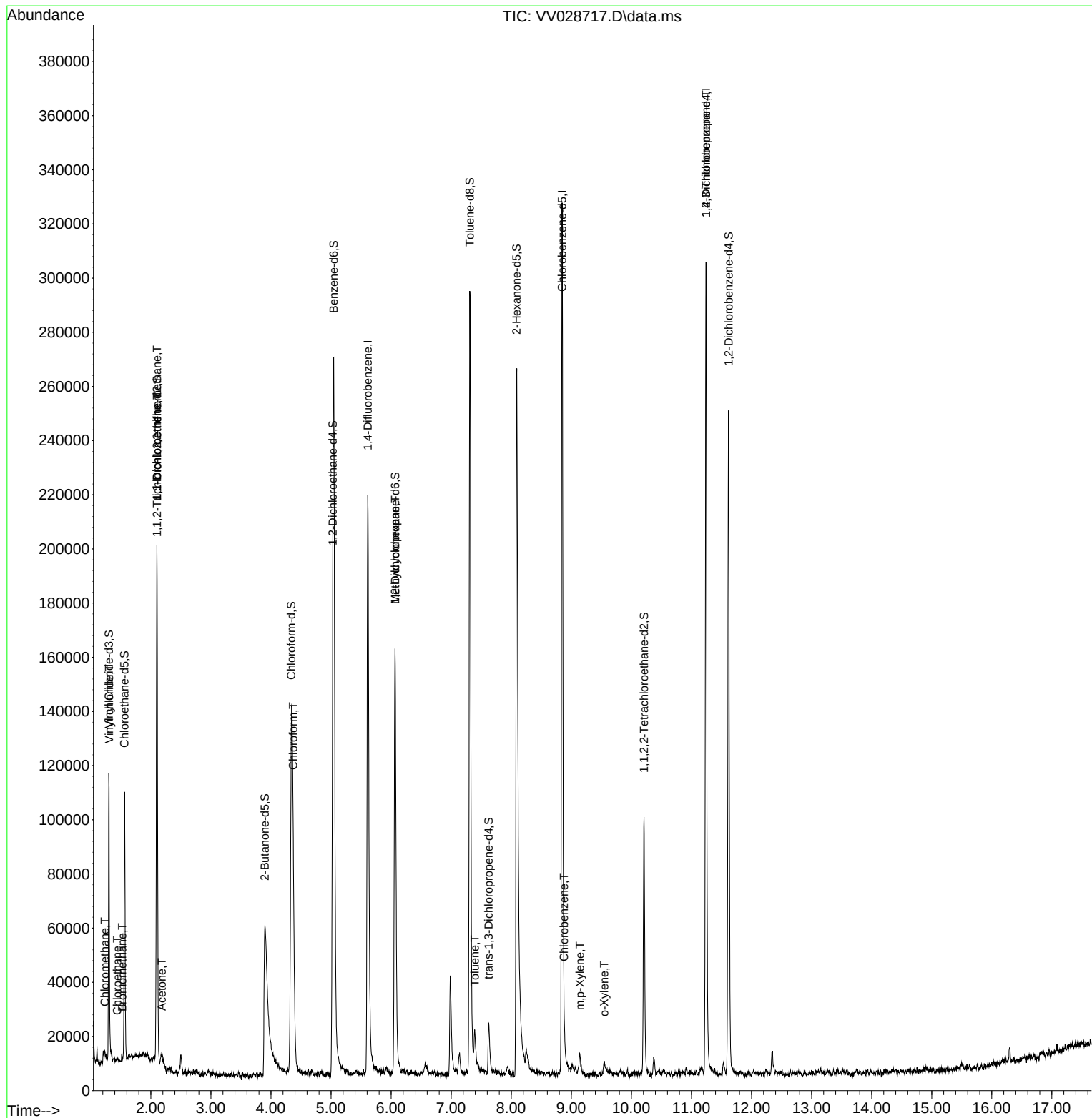
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	178185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	159540	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	69714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	73339	5.918	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	118.400%	
7) Chloroethane-d5	1.561	69	64248	6.132	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	122.600%	
11) 1,1-Dichloroethene-d2	2.101	63	105481	4.400	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.000%	
20) 2-Butanone-d5	3.899	46	151331	53.554	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.100%	
24) Chloroform-d	4.339	84	117656	5.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.400%	
26) 1,2-Dichloroethane-d4	5.027	65	58733	5.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	5.043	84	229342	5.375	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.600%	
36) 1,2-Dichloropropane-d6	6.066	67	79446	5.882	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	117.600%	
41) Toluene-d8	7.310	98	189529	5.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.800%	
43) trans-1,3-Dichloroprop...	7.625	79	11740	2.798	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	56.000%	
46) 2-Hexanone-d5	8.088	63	93975	48.113	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.220%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	46992	5.246	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	11.619	152	56216	5.846	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.000%	
Target Compounds						Qvalue
3) Chloromethane	1.233	50	2279	0.162	ug/L	93
5) Vinyl chloride	1.304	62	737	0.053	ug/L #	1
6) Bromomethane	1.523	94	1219	0.183	ug/L	77
8) Chloroethane	1.439	64	695	0.073	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1057	0.096	ug/L #	25
12) 1,1-Dichloroethene	2.101	96	862	0.088	ug/L #	1
13) Acetone	2.182	43	13195	7.867	ug/L	98
25) Chloroform	4.368	83	65758	2.842	ug/L	94
35) Methylcyclohexane	6.066	83	16678	1.022	ug/L #	16
42) Toluene	7.394	91	10265	0.227	ug/L	96
51) Chlorobenzene	8.879	112	2505	0.088	ug/L	89
53) m,p-Xylene	9.143	106	1723	0.095	ug/L	84
54) o-Xylene	9.548	106	1034	0.057	ug/L	99
61) 1,2,3-Trichloropropane	11.243	75	11115	1.857	ug/L #	69

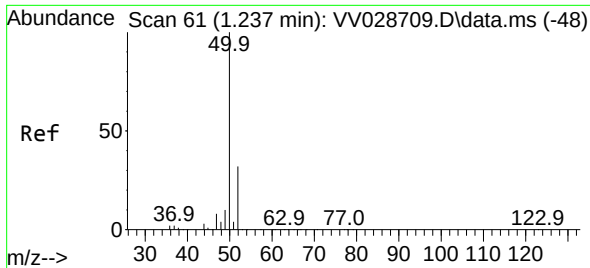
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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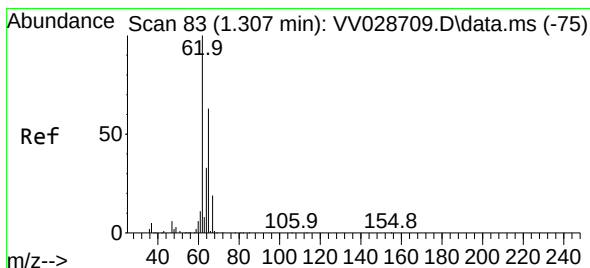
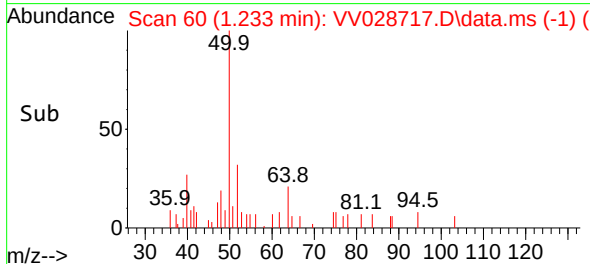
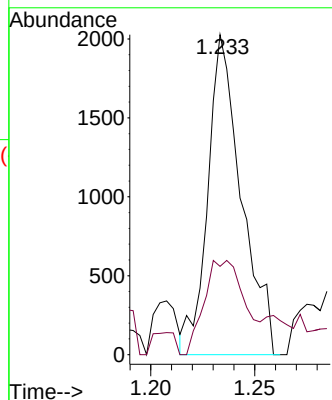
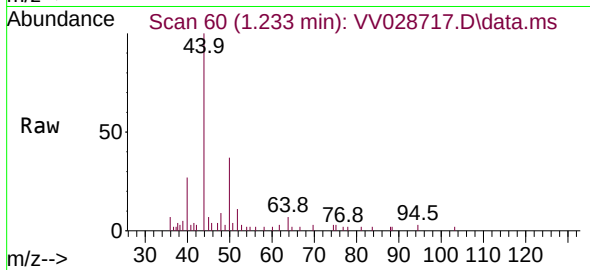




#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

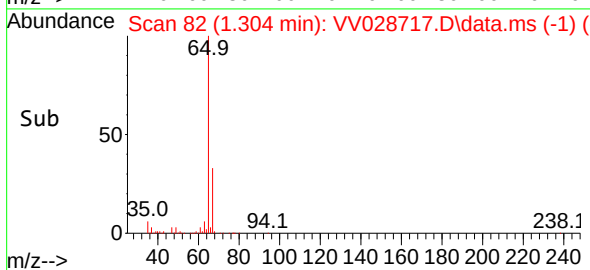
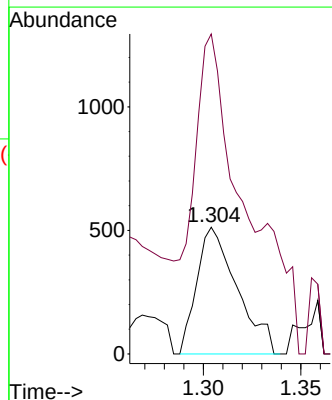
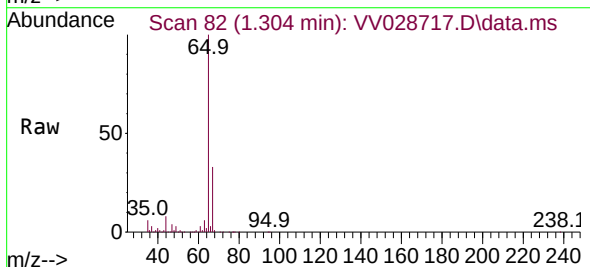
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MSVOA_V
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BHAD5

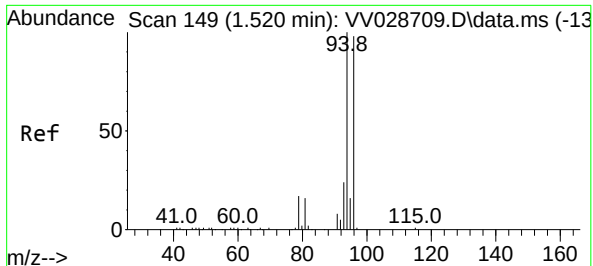
Tgt Ion: 50 Resp: 2279
Ion Ratio Lower Upper
50 100
52 27.6 21.8 40.6



#5
Vinyl chloride
Concen: 0.053 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.003 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

Tgt Ion: 62 Resp: 737
Ion Ratio Lower Upper
62 100
64 252.4 22.0 41.0#

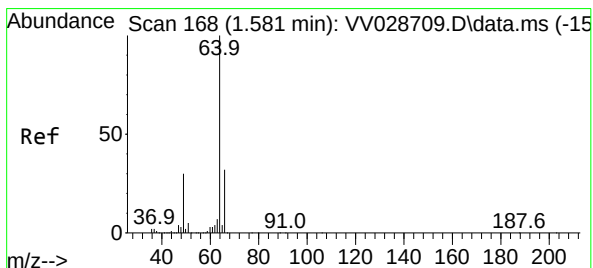
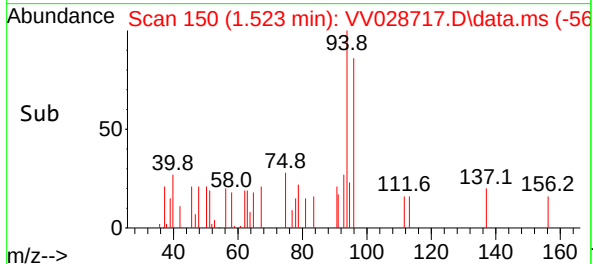
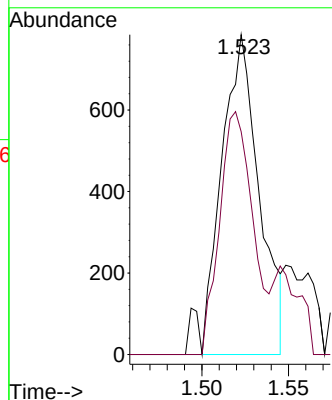
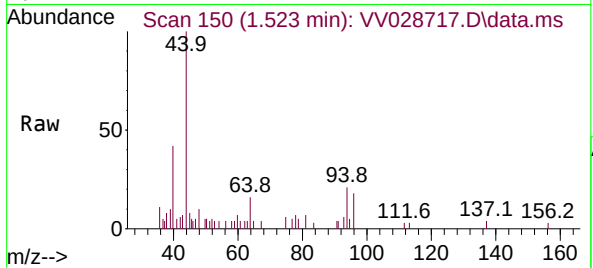




#6
Bromomethane
Concen: 0.183 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

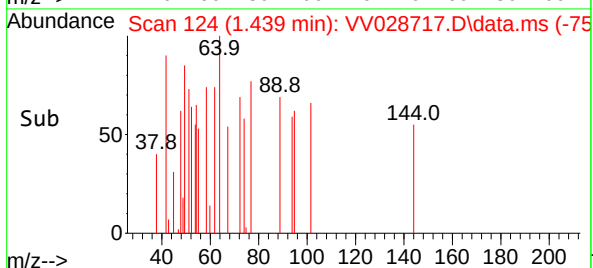
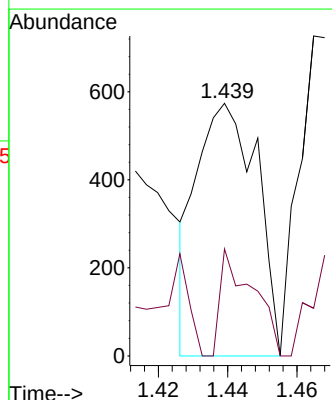
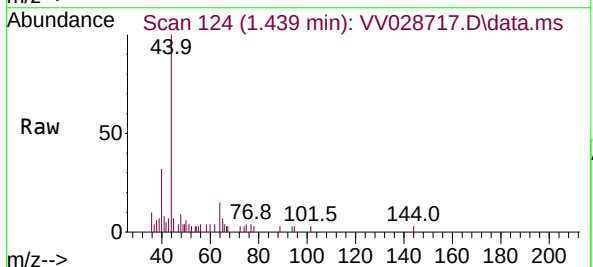
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ClientSampleId :
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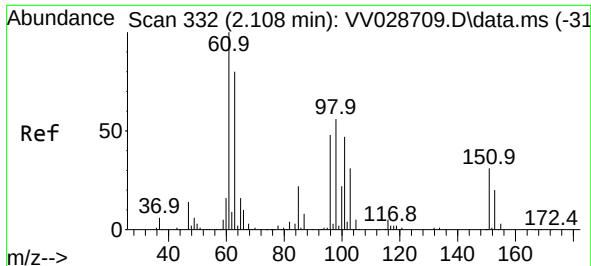
Tgt Ion: 94 Resp: 1219
Ion Ratio Lower Upper
94 100
96 69.7 64.3 119.3



#8
Chloroethane
Concen: 0.073 ug/L
RT: 1.439 min Scan# 124
Delta R.T. -0.142 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

Tgt Ion: 64 Resp: 695
Ion Ratio Lower Upper
64 100
66 42.3 23.9 44.5

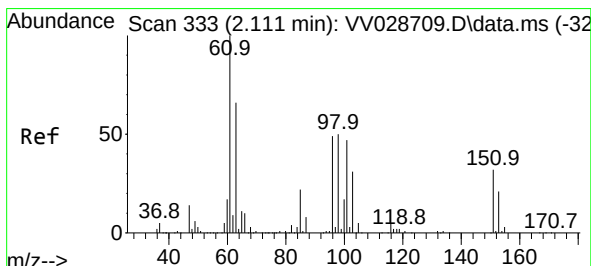
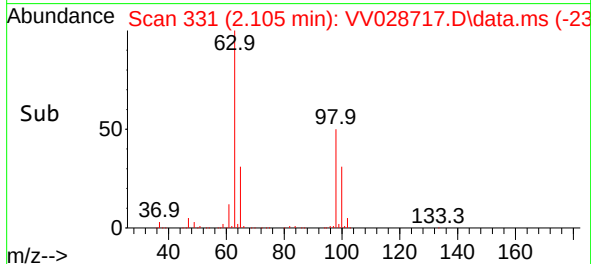
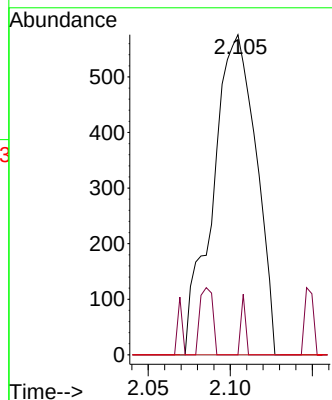
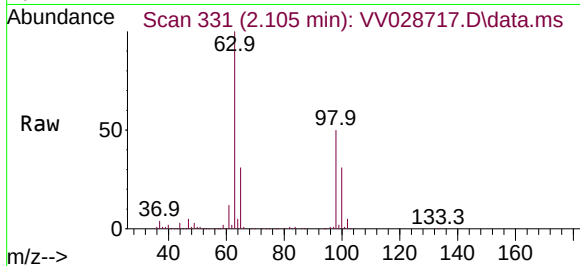




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.096 ug/L
 RT: 2.105 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV028717.D
 Acq: 27 Oct 2022 14:01

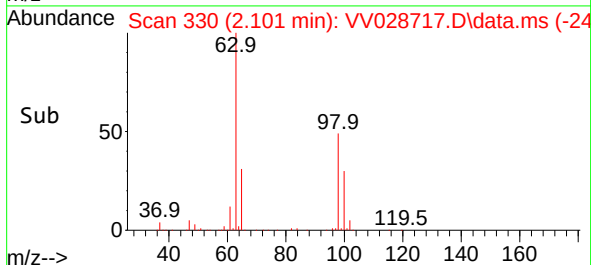
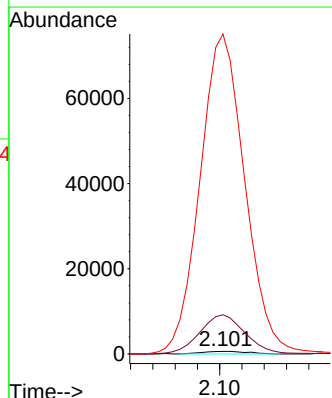
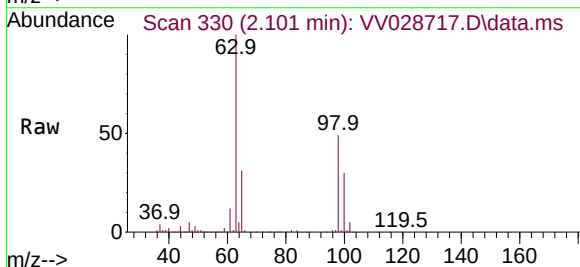
Instrument :
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 ClientSampleId :
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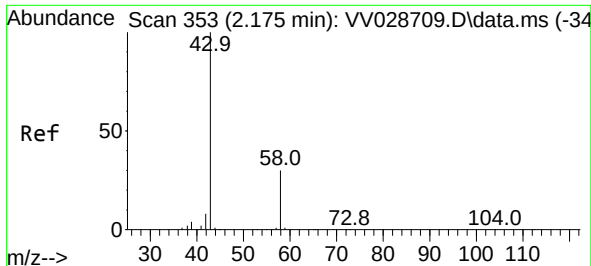
Tgt Ion:101 Resp: 1057
 Ion Ratio Lower Upper
 101 100
 85 2.0 37.0 55.6#
 151 0.0 50.2 75.2#



#12
 1,1-Dichloroethene
 Concen: 0.088 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.010 min
 Lab File: VV028717.D
 Acq: 27 Oct 2022 14:01

Tgt Ion: 96 Resp: 862
 Ion Ratio Lower Upper
 96 100
 61 1523.3 148.1 275.1#
 63 12416.5 133.3 247.7#

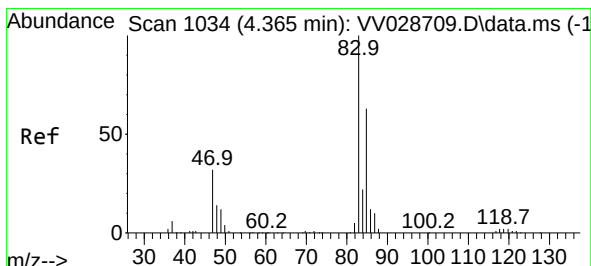
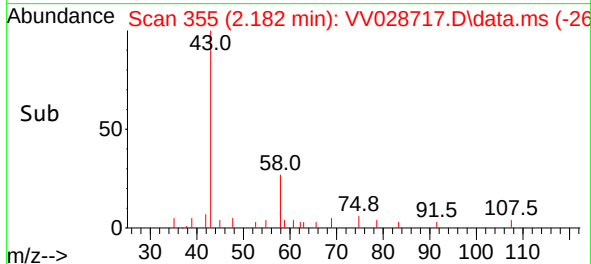
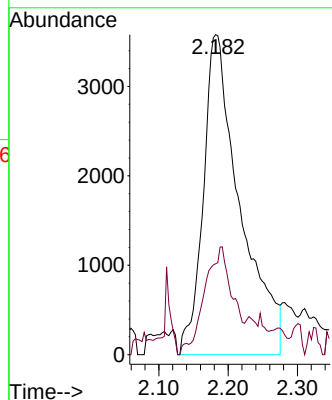
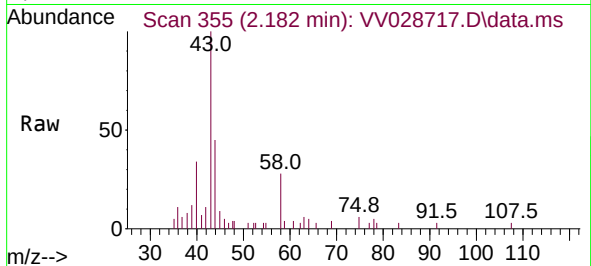




#13
Acetone
Concen: 7.867 ug/L
RT: 2.182 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

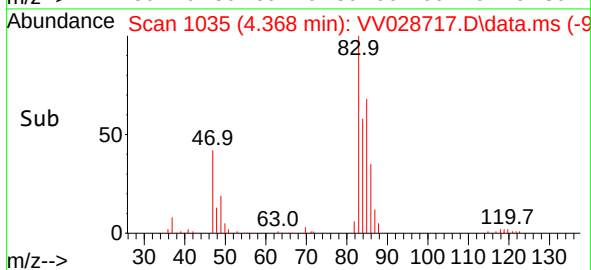
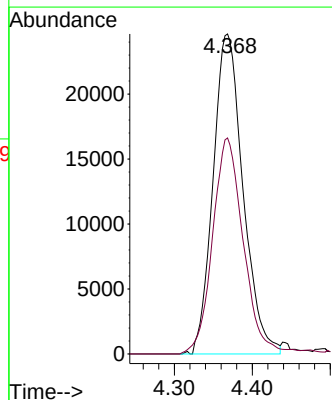
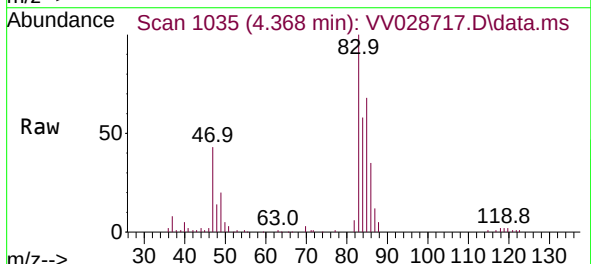
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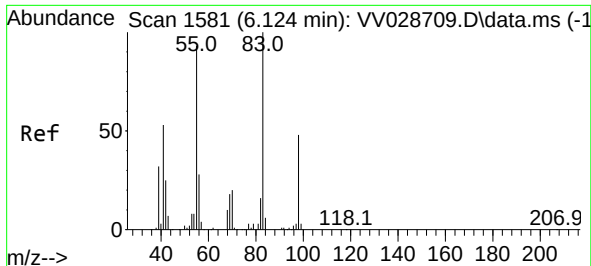
Tgt Ion: 43 Resp: 13195
Ion Ratio Lower Upper
43 100
58 26.0 0.0 50.2



#25
Chloroform
Concen: 2.842 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

Tgt Ion: 83 Resp: 65758
Ion Ratio Lower Upper
83 100
85 67.5 44.1 81.9

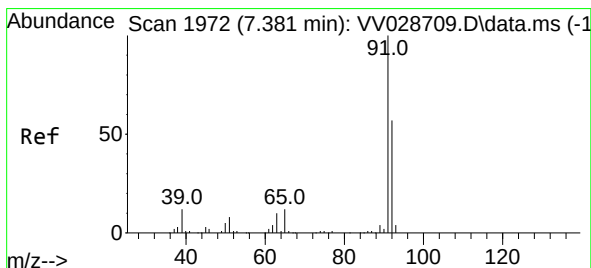
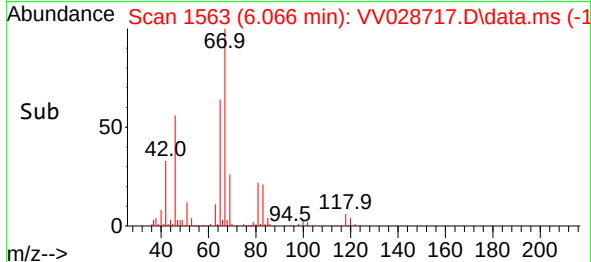
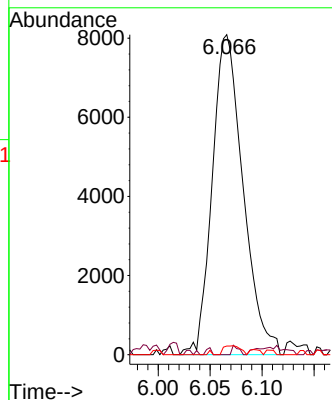
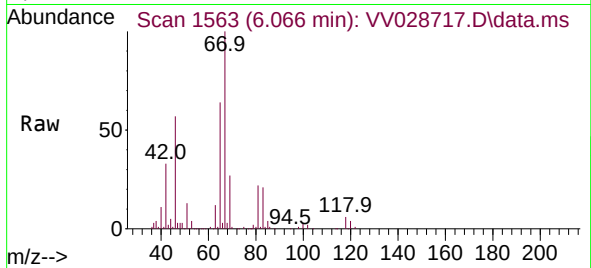




#35
Methylcyclohexane
Concen: 1.022 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

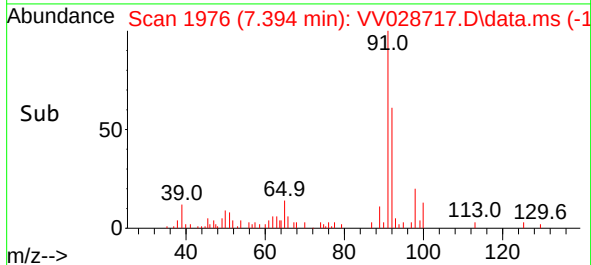
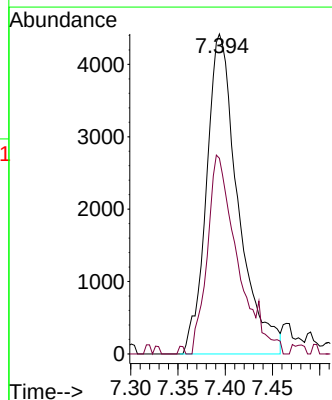
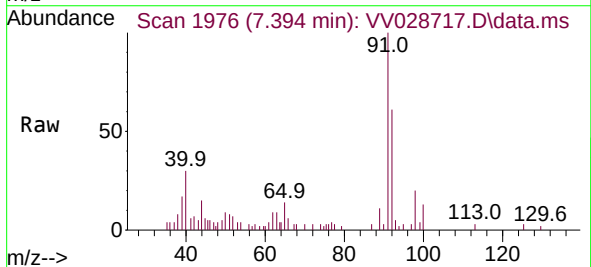
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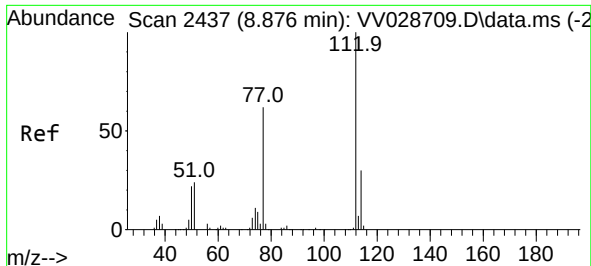
Tgt Ion: 83 Resp: 16678
Ion Ratio Lower Upper
83 100
55 0.6 70.0 105.0#
98 1.5 35.6 53.4#



#42
Toluene
Concen: 0.227 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.013 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

Tgt Ion: 91 Resp: 10265
Ion Ratio Lower Upper
91 100
92 61.1 40.5 75.3

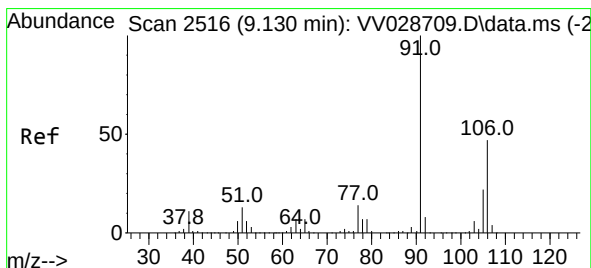
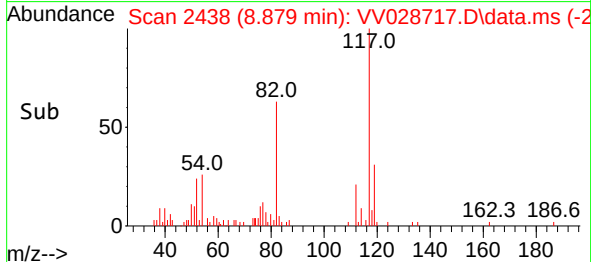
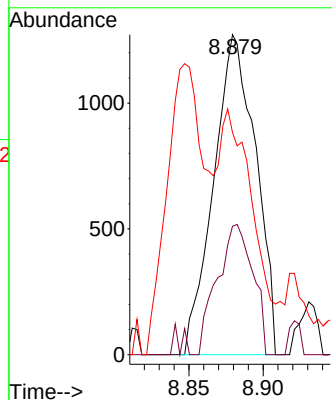
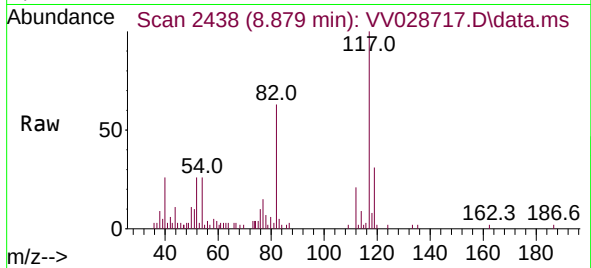




#51
Chlorobenzene
Concen: 0.088 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

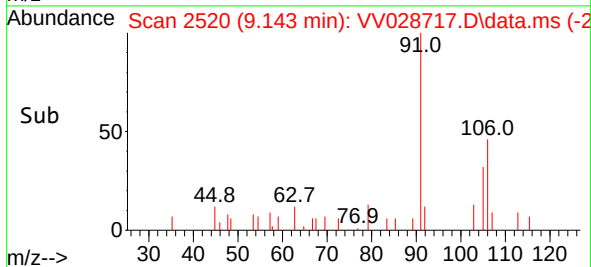
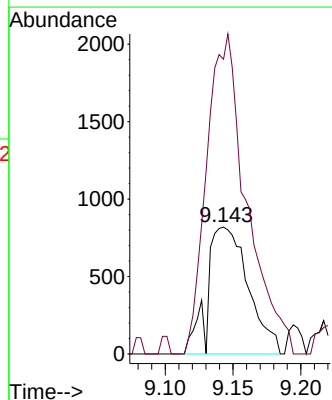
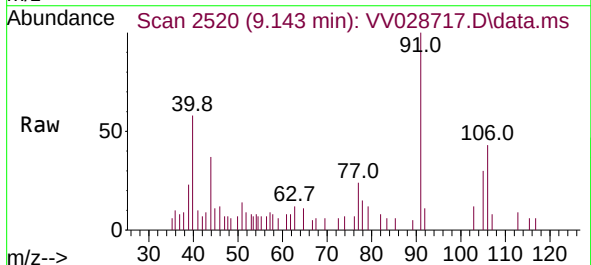
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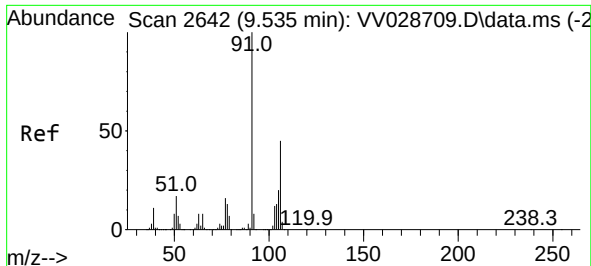
Tgt Ion:112 Resp: 2505
Ion Ratio Lower Upper
112 100
114 40.2 22.0 41.0
77 69.4 50.0 75.0



#53
m,p-Xylene
Concen: 0.095 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.013 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

Tgt Ion:106 Resp: 1723
Ion Ratio Lower Upper
106 100
91 232.4 145.5 270.1

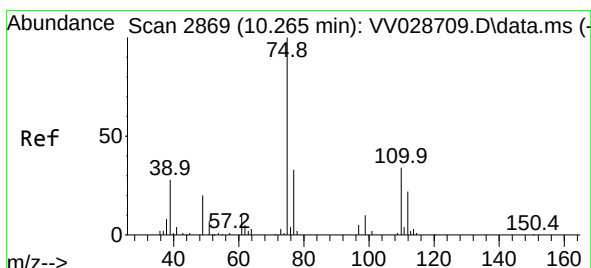
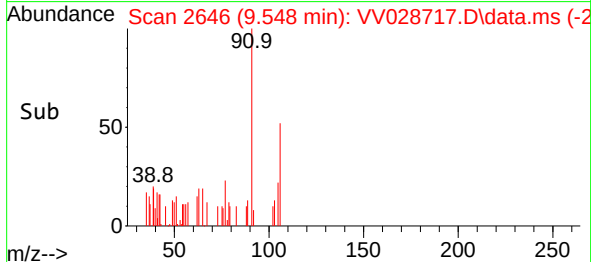
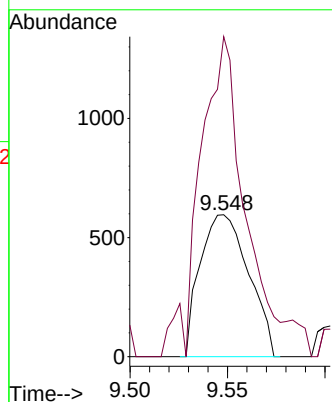
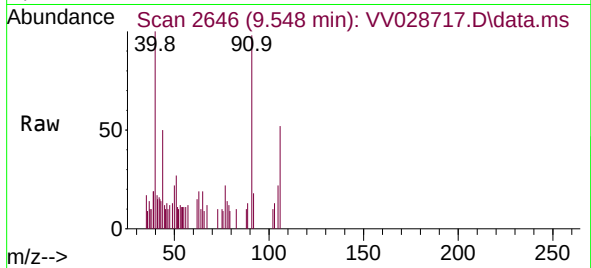




#54
o-Xylene
Concen: 0.057 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:106 Resp: 1034
Ion Ratio Lower Upper
106 100
91 225.3 159.0 295.4



#61
1,2,3-Trichloropropane
Concen: 1.857 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV028717.D
Acq: 27 Oct 2022 14:01

Tgt Ion: 75 Resp: 11115
Ion Ratio Lower Upper
75 100
77 30.1 25.2 37.8
110 1.8 27.9 41.9#

