

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028295.D
 Acq On : 03 Oct 2022 22:02
 Operator : SY/MD
 Sample : N4820-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 06:16:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

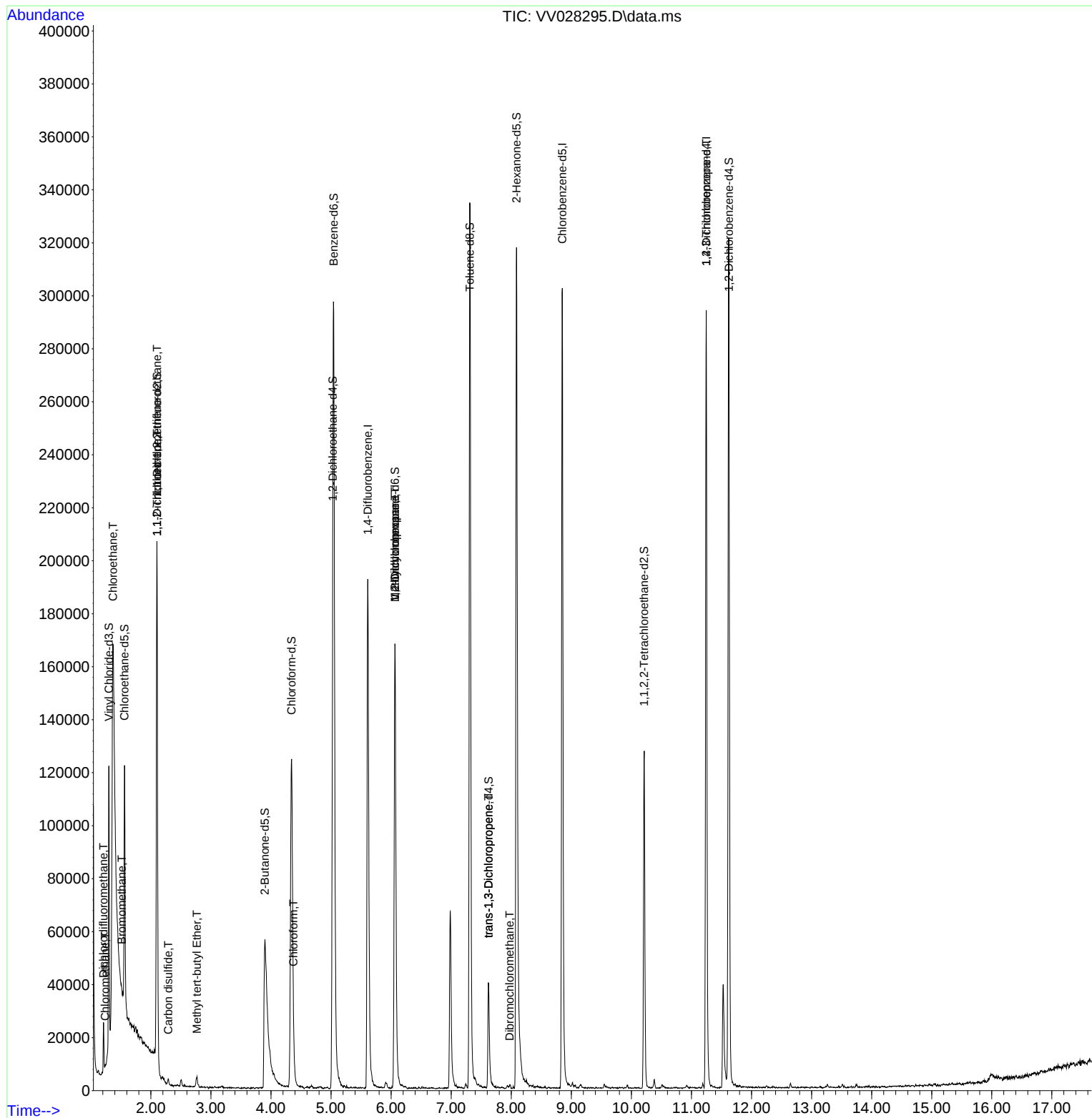
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	178248	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	179624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82178	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68408	5.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.200%
7) Chloroethane-d5	1.561	69	60163	5.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.101	63	98301	3.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.899	46	142202	62.752	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.500%
24) Chloroform-d	4.343	84	137527	5.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.400%
26) 1,2-Dichloroethane-d4	5.027	65	65333	5.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
32) Benzene-d6	5.043	84	284702	5.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.600%
36) 1,2-Dichloropropane-d6	6.063	67	88322	6.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.000%
41) Toluene-d8	7.310	98	234295	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	7.622	79	25273	4.694	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.088	63	124095	56.316	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61988	5.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	90455	6.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	128.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.211	85	1334	0.093	ug/L	93
3) Chloromethane	1.237	50	844	0.062	ug/L	95
6) Bromomethane	1.516	94	507	0.070	ug/L	99
8) Chloroethane	1.372	64	464697	45.572	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1512	0.118	ug/L #	36
12) 1,1-Dichloroethene	2.105	96	1173	0.092	ug/L #	1
14) Carbon disulfide	2.288	76	2670	0.067	ug/L #	94
17) Methyl tert-butyl Ether	2.767	73	3030	0.115	ug/L	95
25) Chloroform	4.375	83	7946	0.319	ug/L	90
35) Methylcyclohexane	6.066	83	20835	0.953	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8818	0.712	ug/L #	88
44) trans-1,3-Dichloropropene	7.619	75	1256	0.084	ug/L #	76
49) Dibromochloromethane	7.973	129	399	0.034	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8273	1.305	ug/L #	64

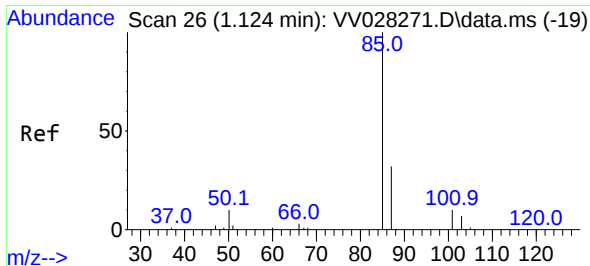
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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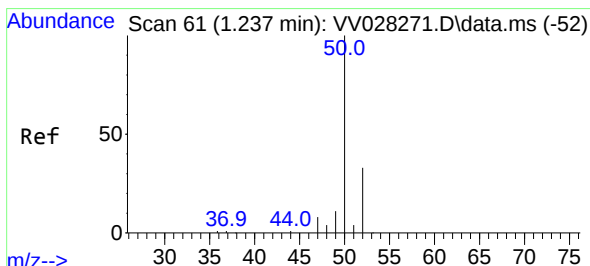
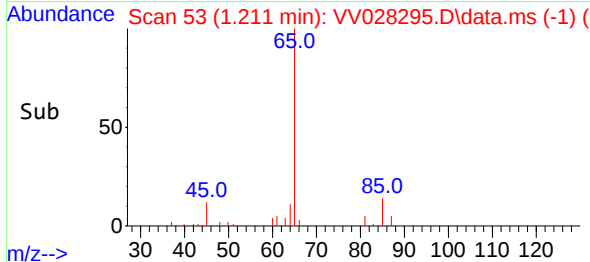
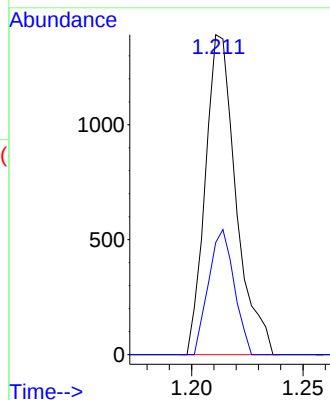
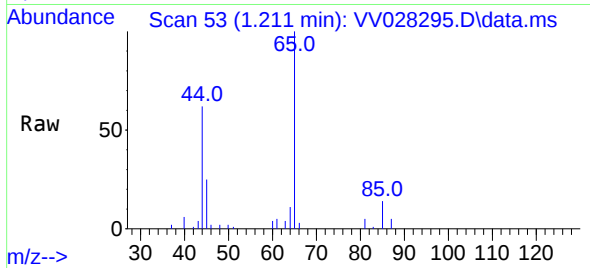




#2
 Dichlorodifluoromethane
 Concen: 0.093 ug/L
 RT: 1.211 min Scan# 51
 Delta R.T. 0.087 min
 Lab File: VV028295.D
 Acq: 03 Oct 2022 22:02

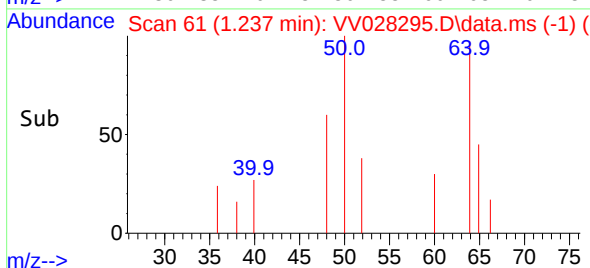
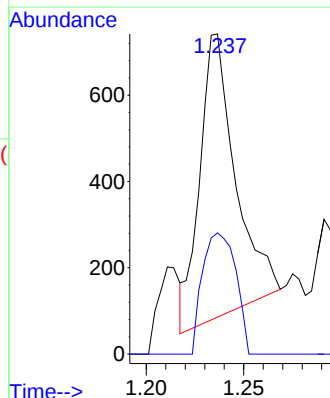
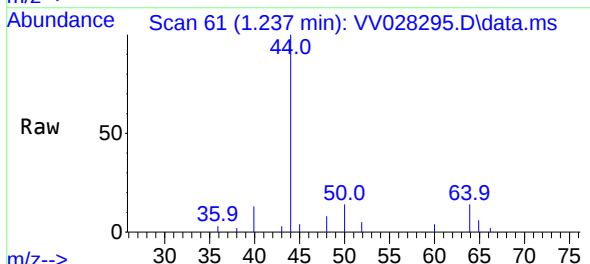
Instrument :
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 ClientSampleId :

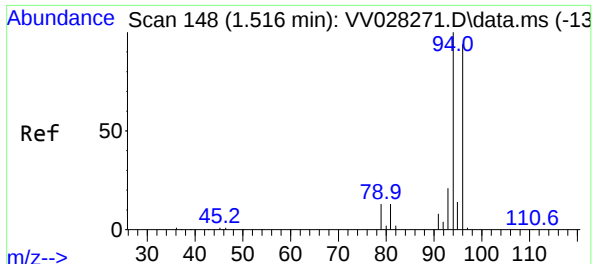
Tgt Ion: 85 Resp: 1334
 Ion Ratio Lower Upper
 85 100
 87 32.5 22.8 34.2



#3
 Chloromethane
 Concen: 0.062 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028295.D
 Acq: 03 Oct 2022 22:02

Tgt Ion: 50 Resp: 844
 Ion Ratio Lower Upper
 50 100
 52 37.9 24.4 45.2

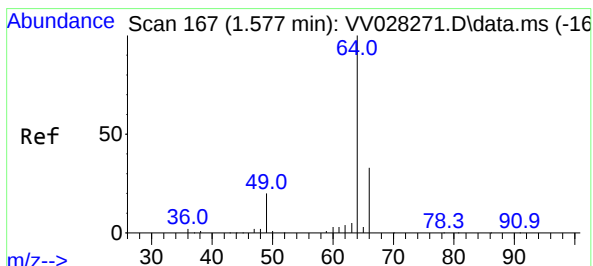
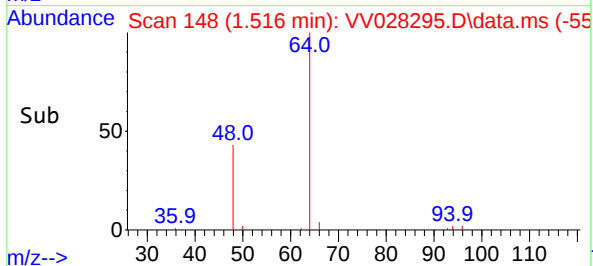
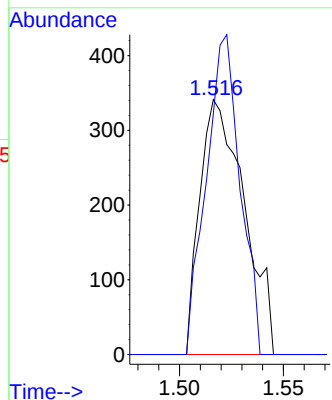
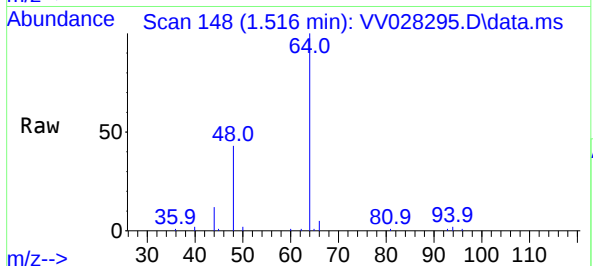




#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.516 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV028295.D
Acq: 03 Oct 2022 22:02

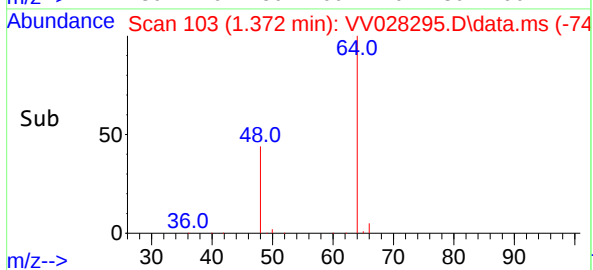
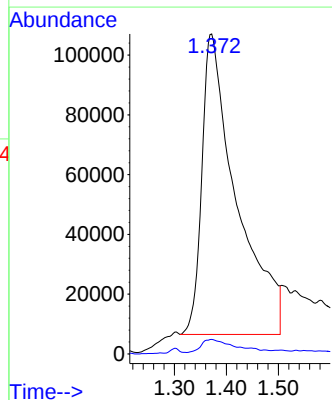
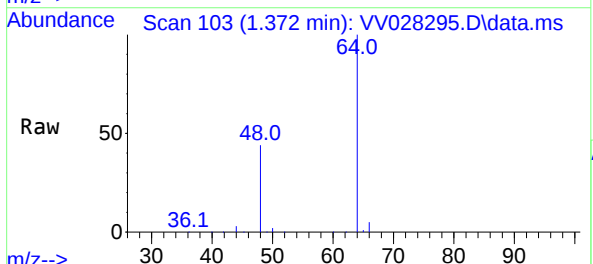
Instrument :
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ClientSampleId :

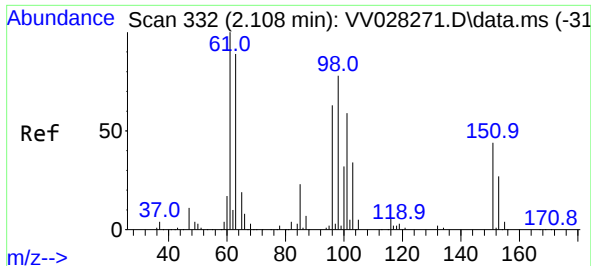
Tgt Ion: 94 Resp: 507
Ion Ratio Lower Upper
94 100
96 94.4 66.7 123.9



#8
Chloroethane
Concen: 45.572 ug/L
RT: 1.372 min Scan# 103
Delta R.T. -0.206 min
Lab File: VV028295.D
Acq: 03 Oct 2022 22:02

Tgt Ion: 64 Resp: 464697
Ion Ratio Lower Upper
64 100
66 4.5 23.0 42.8#

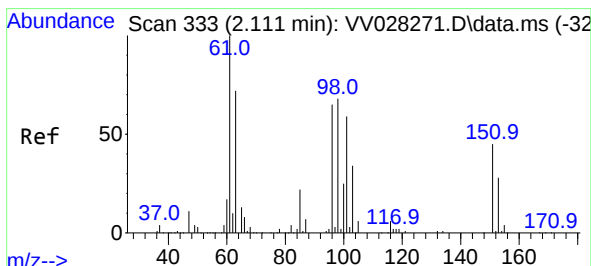
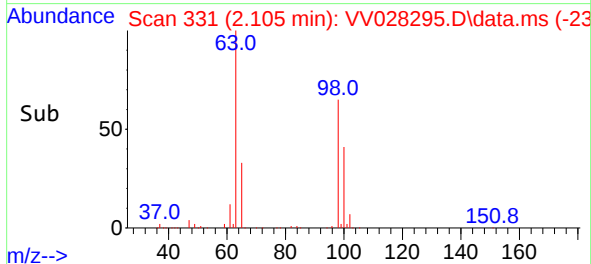
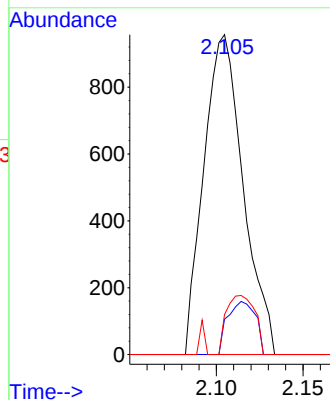
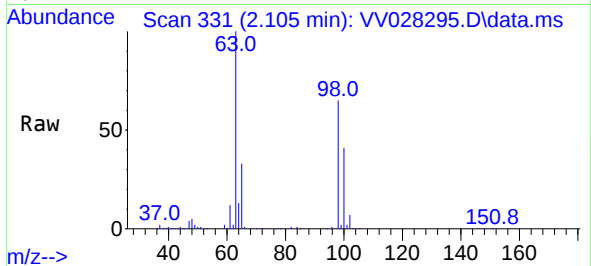




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.118 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.003 min
Lab File: VV028295.D
Acq: 03 Oct 2022 22:02

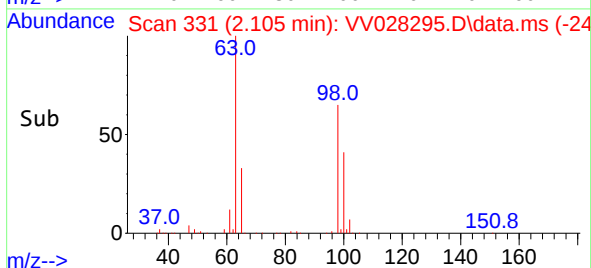
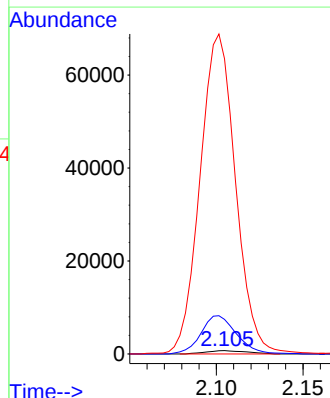
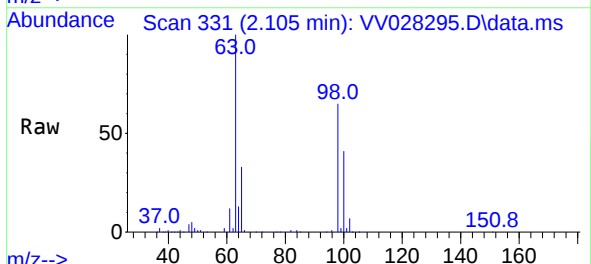
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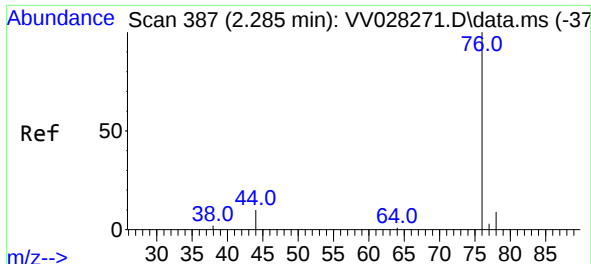
Tgt Ion:101 Resp: 1512
Ion Ratio Lower Upper
101 100
85 11.7 34.4 51.6#
151 13.4 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.092 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028295.D
Acq: 03 Oct 2022 22:02

Tgt Ion: 96 Resp: 1173
Ion Ratio Lower Upper
96 100
61 1026.8 128.3 238.3#
63 8761.4 112.7 209.3#

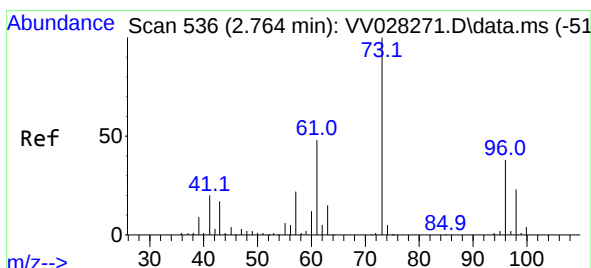
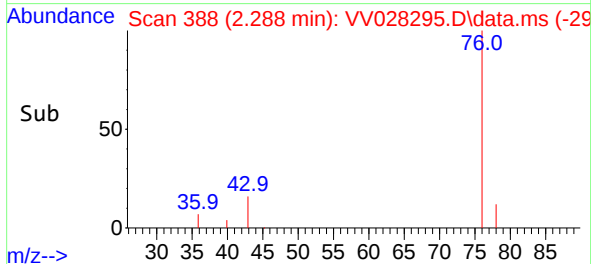
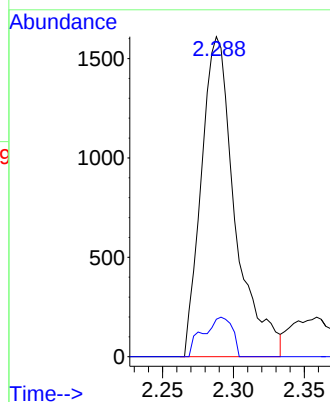
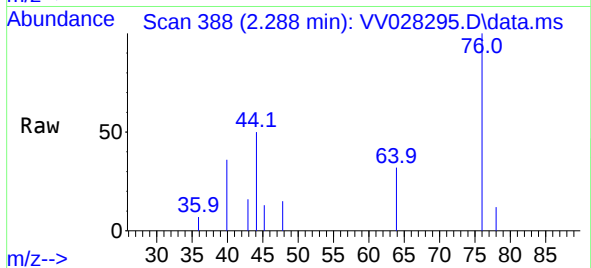




#14
Carbon disulfide
Concen: 0.067 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028295.D
Acq: 03 Oct 2022 22:02

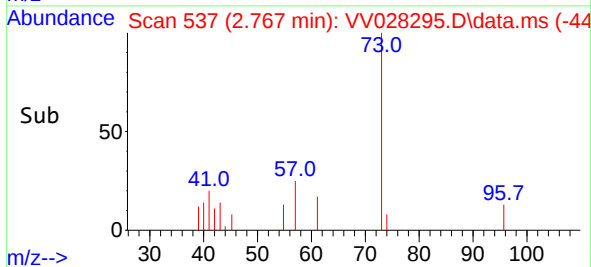
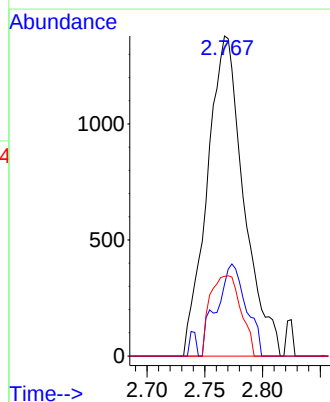
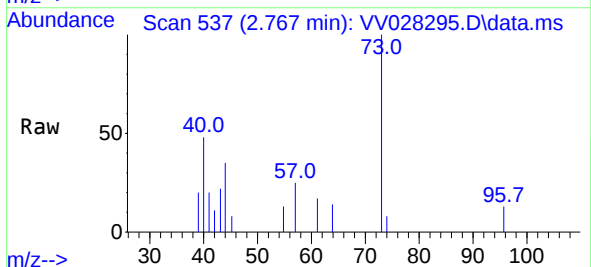
Instrument :
MSVOA_V
ClientSampleId :

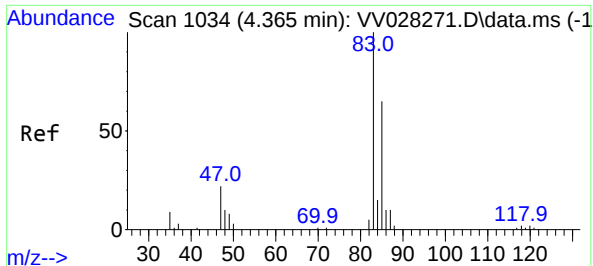
Tgt Ion: 76 Resp: 2670
Ion Ratio Lower Upper
76 100
78 11.7 7.6 11.4#



#17
Methyl tert-butyl Ether
Concen: 0.115 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV028295.D
Acq: 03 Oct 2022 22:02

Tgt Ion: 73 Resp: 3030
Ion Ratio Lower Upper
73 100
43 23.2 15.7 23.5
57 21.1 17.8 26.8





#25

Chloroform

Concen: 0.319 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV028295.D

Acq: 03 Oct 2022 22:02

Instrument :

MSVOA_V

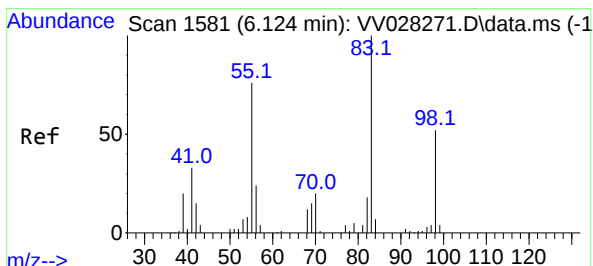
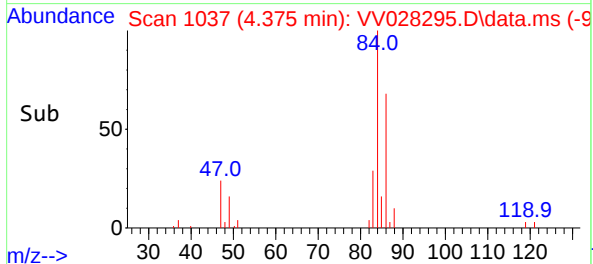
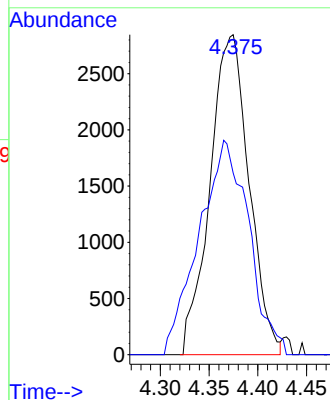
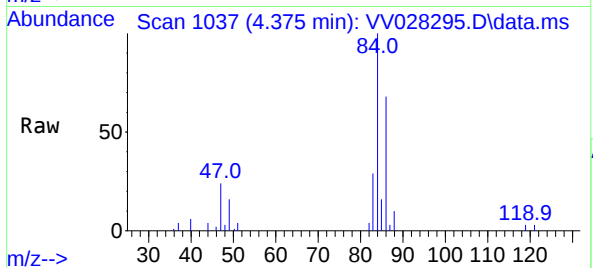
ClientSampleId :

Tgt Ion: 83 Resp: 7946

Ion Ratio Lower Upper

83 100

85 56.8 45.1 83.7



#35

Methylcyclohexane

Concen: 0.953 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028295.D

Acq: 03 Oct 2022 22:02

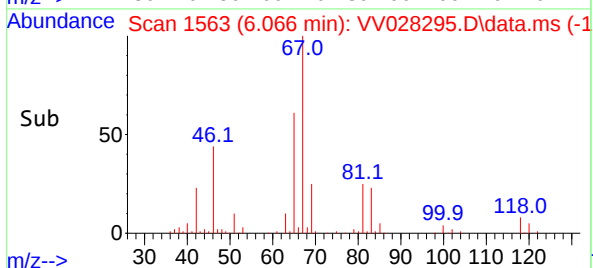
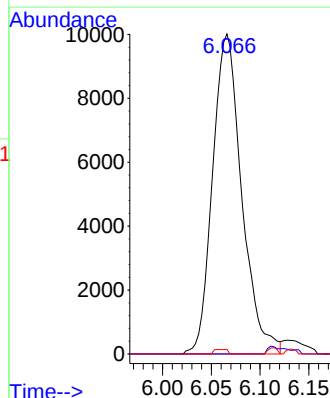
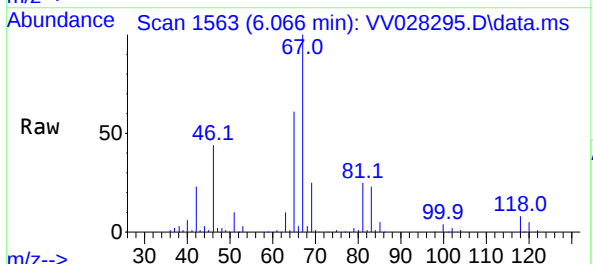
Tgt Ion: 83 Resp: 20835

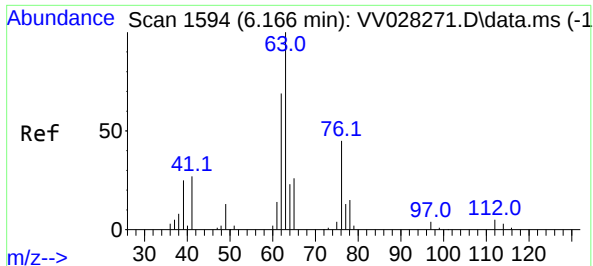
Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.6 39.5 59.3#

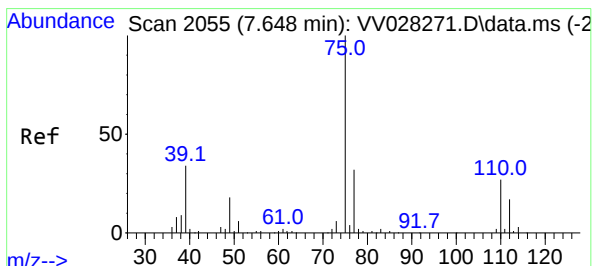
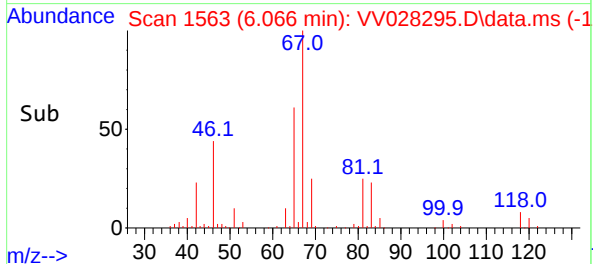
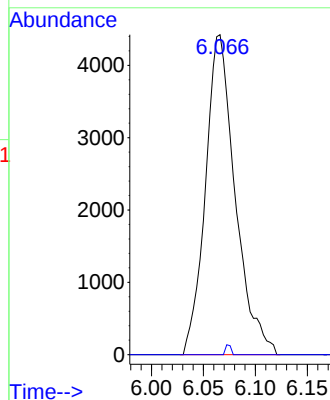
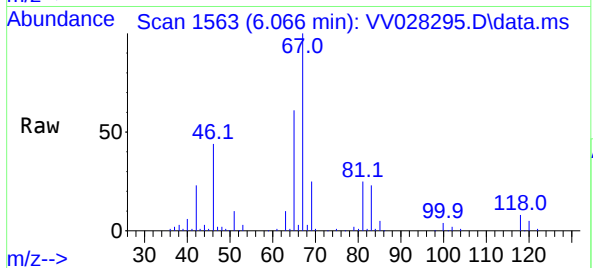




#37
1,2-Dichloropropane
Concen: 0.712 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028295.D
Acq: 03 Oct 2022 22:02

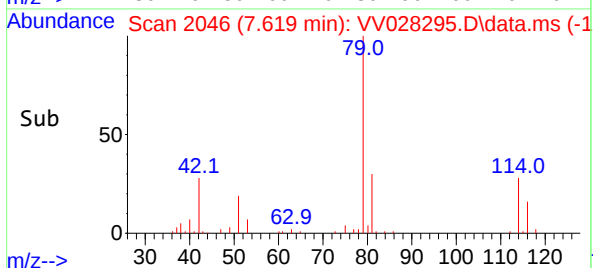
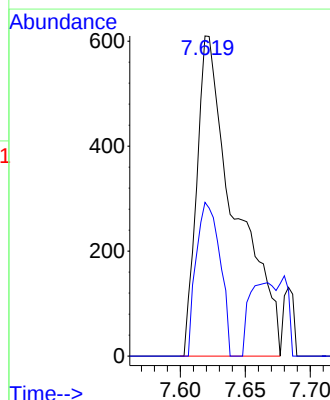
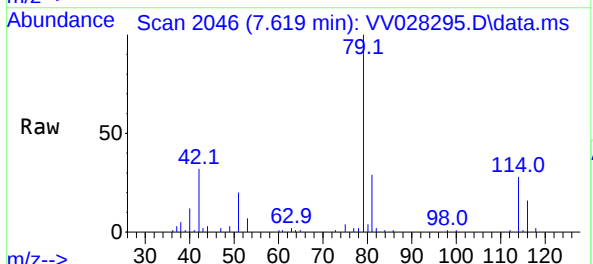
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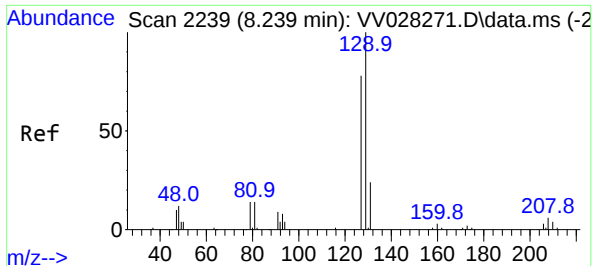
Tgt Ion: 63 Resp: 8818
Ion Ratio Lower Upper
63 100
112 0.6 3.5 5.3#



#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.029 min
Lab File: VV028295.D
Acq: 03 Oct 2022 22:02

Tgt Ion: 75 Resp: 1256
Ion Ratio Lower Upper
75 100
77 48.0 23.9 44.3#

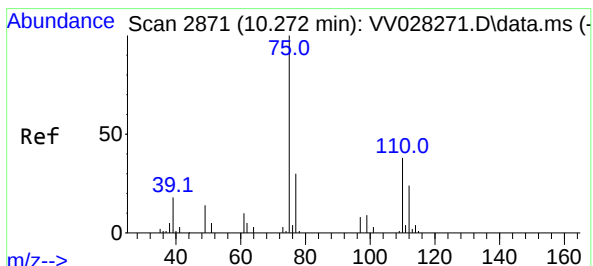
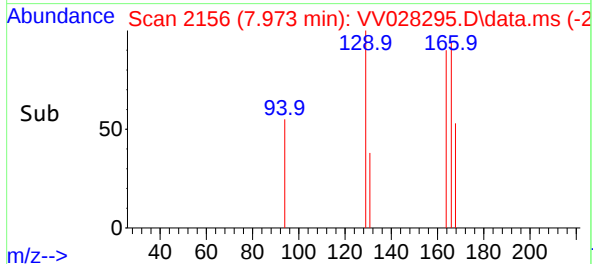
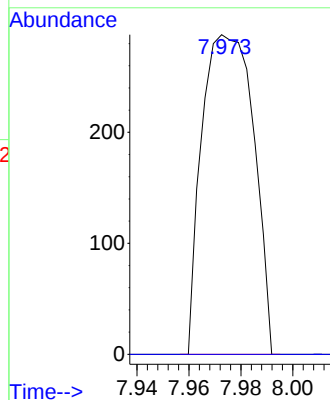
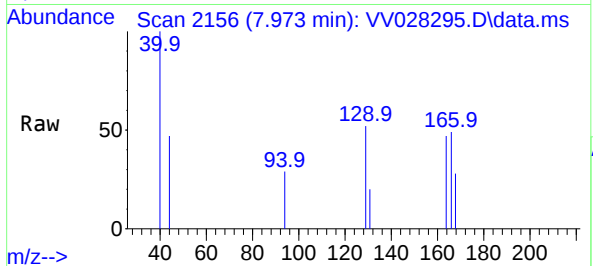




#49
Dibromochloromethane
Concen: 0.034 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV028295.D
Acq: 03 Oct 2022 22:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 399
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#



#61
1,2,3-Trichloropropane
Concen: 1.305 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.975 min
Lab File: VV028295.D
Acq: 03 Oct 2022 22:02

Tgt Ion: 75 Resp: 8273
Ion Ratio Lower Upper
75 100
77 29.0 26.7 40.1
110 1.3 30.1 45.1#

