

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011422\
 Data File : VV024366.D
 Acq On : 14 Jan 2022 17:14
 Operator : SY/MD
 Sample : N1114-09ME
 Misc : 6.19g/5.0mL/100uL/5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 07:20:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

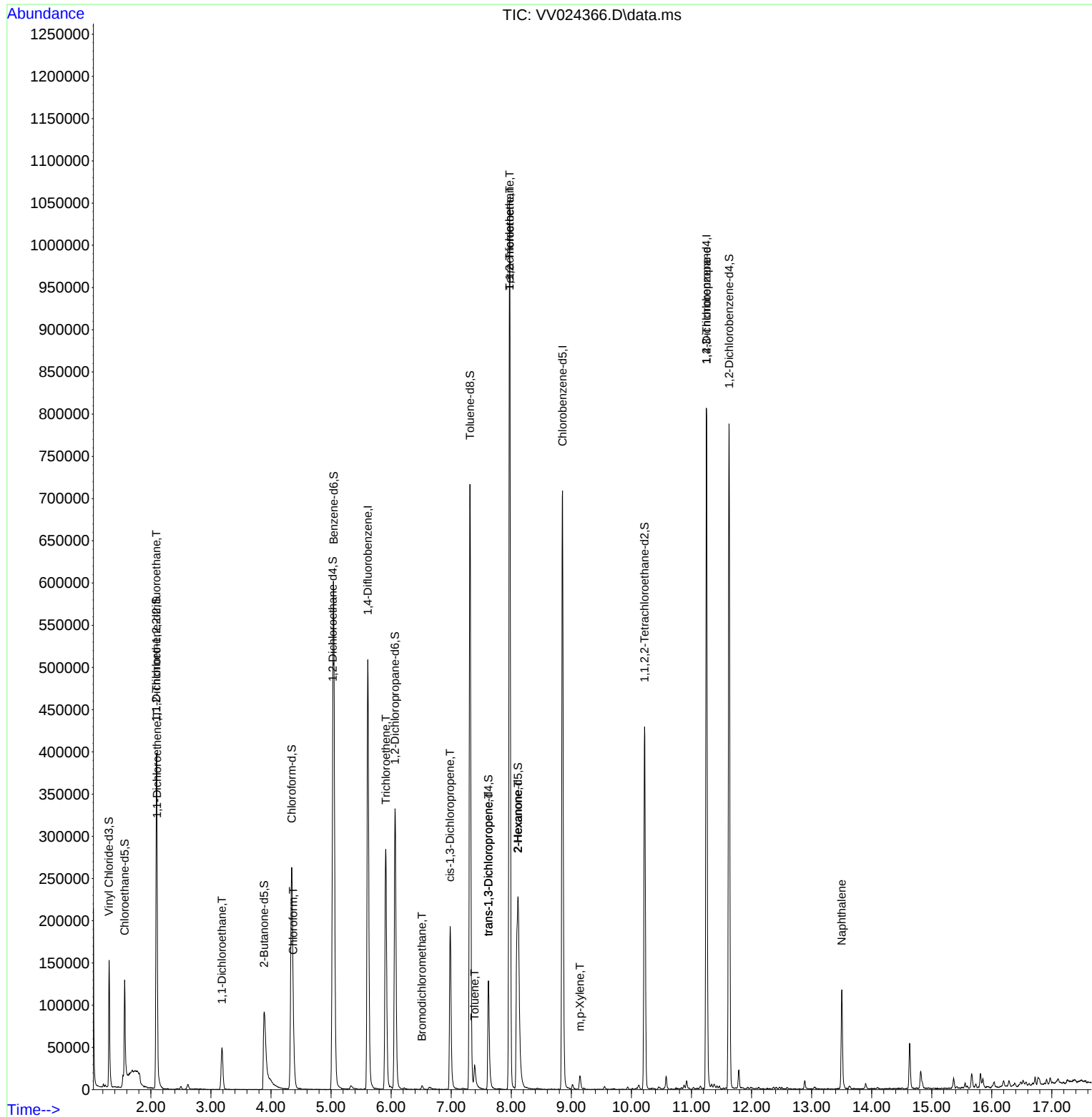
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	448333	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	418951	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	214044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109372	33.897	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.800%
7) Chloroethane-d5	1.564	69	79799	32.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.120%#
11) 1,1-Dichloroethene-d2	2.092	63	187689	31.124	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.240%
21) 2-Butanone-d5	3.886	46	183788	102.236	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.240%
24) Chloroform-d	4.346	84	253619	43.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
26) 1,2-Dichloroethane-d4	5.027	65	171377	43.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.820%
32) Benzene-d6	5.043	84	507102	46.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	6.066	67	153769	50.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.380%
41) Toluene-d8	7.313	98	477866	45.144	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.280%
43) trans-1,3-Dichloroprop...	7.619	79	79881	45.276	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.560%
47) 2-Hexanone-d5	8.111	63	139134	104.520	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	207715	47.438	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.880%
66) 1,2-Dichlorobenzene-d4	11.628	152	207382	48.608	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.220%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.092	101	1945	0.689	ug/L #	16
12) 1,1-Dichloroethene	2.105	96	30401	11.132	ug/L #	9
19) 1,1-Dichloroethane	3.182	63	49335	10.570	ug/L	98
25) Chloroform	4.371	83	37578	6.886	ug/L	96
34) Trichloroethene	5.911	95	96096	32.712	ug/L	95
38) Bromodichloromethane	6.513	83	3020	0.768	ug/L	99
39) cis-1,3-Dichloropropene	6.982	75	5259	1.249	ug/L #	59
42) Toluene	7.391	91	21194	1.772	ug/L	91
44) trans-1,3-Dichloropropene	7.619	75	3867	0.905	ug/L	84
45) 1,1,2-Trichloroethane	7.973	97	2073	0.738	ug/L #	16
46) Tetrachloroethene	7.973	164	233799	87.441	ug/L	98
48) 2-Hexanone	8.114	43	17573	6.696	ug/L #	66
53) m,p-Xylene	9.143	106	5586	1.091	ug/L	83
61) 1,2,3-Trichloropropane	11.249	75	21515	6.845	ug/L #	60
71) Naphthalene	13.503	128	95141	8.186	ug/L	99

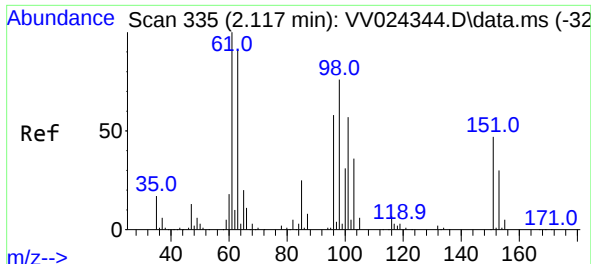
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 13 02:28:22 2022
Response via : Initial Calibration

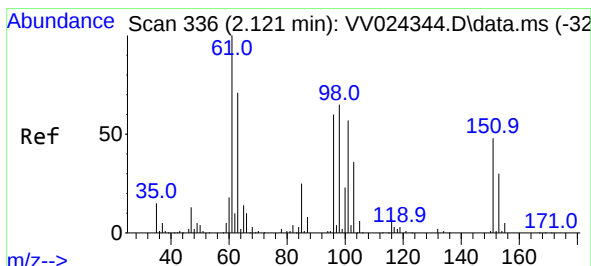
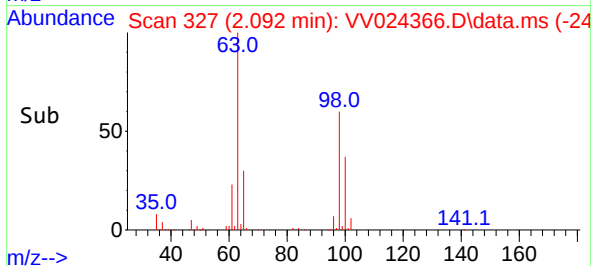
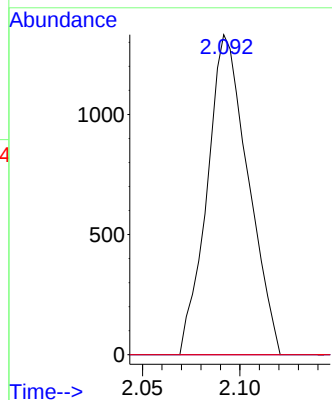
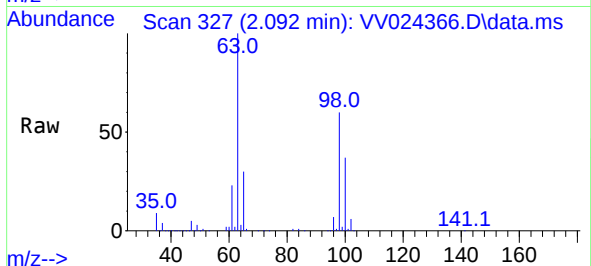




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.689 ug/L
RT: 2.092 min Scan# 31
Delta R.T. -0.029 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

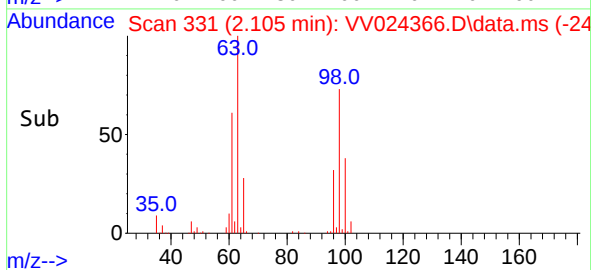
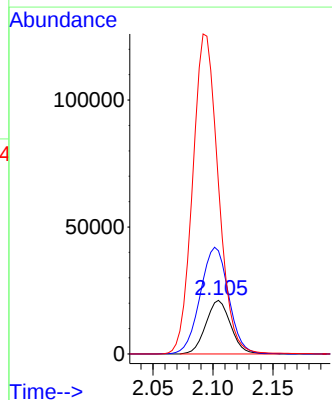
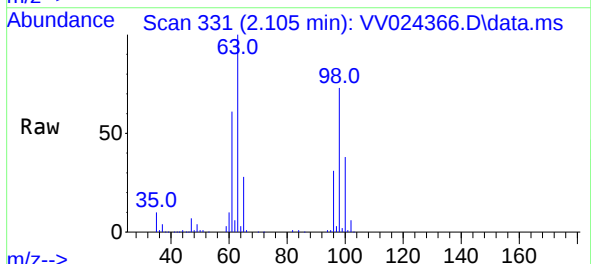
Instrument :
MSVOA_V
ClientSampleId :

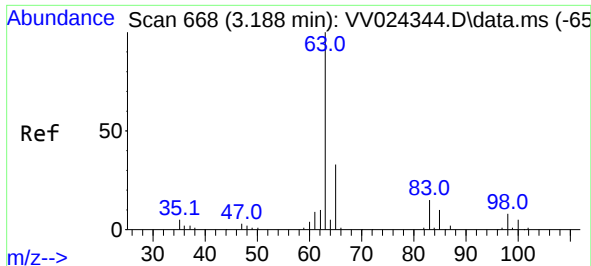
Tgt Ion:101 Resp: 1945
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 67.1 100.7#



#12
1,1-Dichloroethene
Concen: 11.132 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.016 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

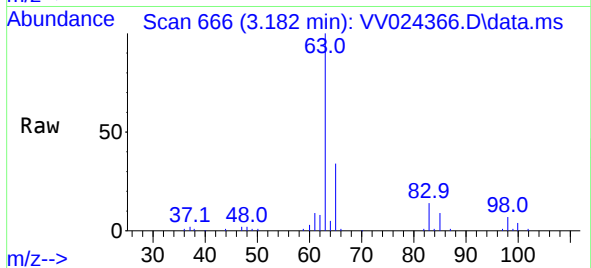
Tgt Ion: 96 Resp: 30401
Ion Ratio Lower Upper
96 100
61 192.4 111.9 207.9
63 317.8 82.7 153.5#



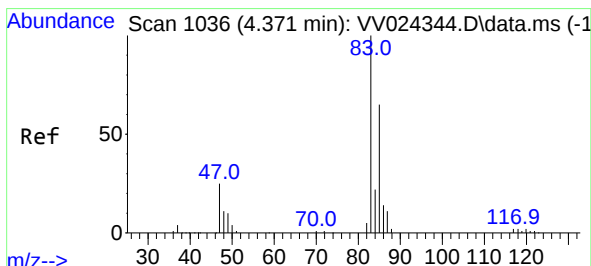
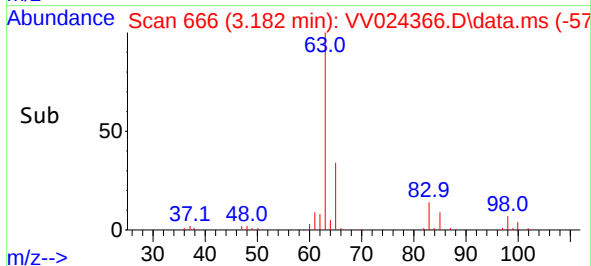
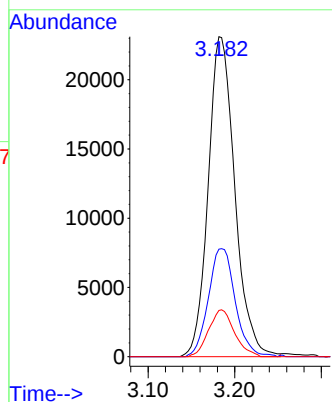


#19
1,1-Dichloroethane
Concen: 10.570 ug/L
RT: 3.182 min Scan# 60
Delta R.T. -0.007 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

Instrument :
MSVOA_V
ClientSampleId :

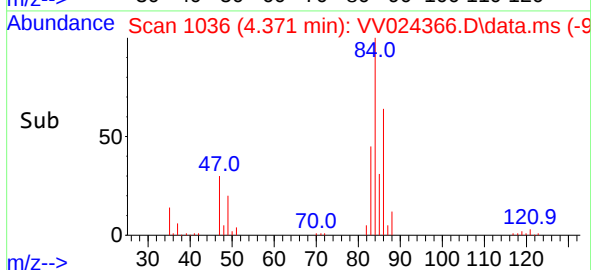
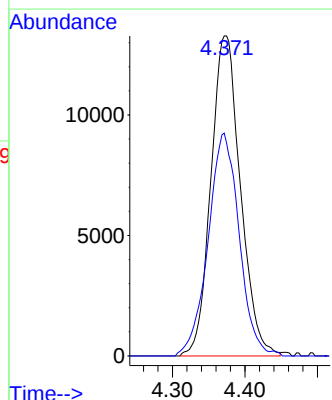
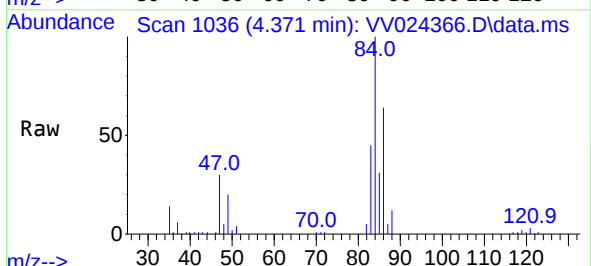


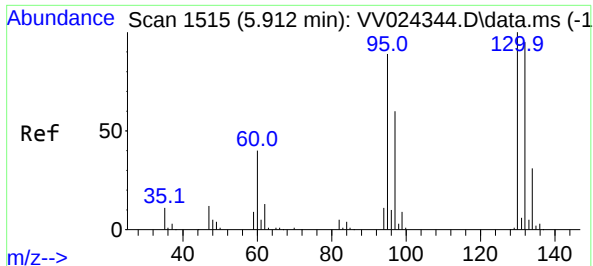
Tgt Ion: 63 Resp: 49335
Ion Ratio Lower Upper
63 100
65 33.6 22.4 41.6
83 14.5 10.6 19.6



#25
Chloroform
Concen: 6.886 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

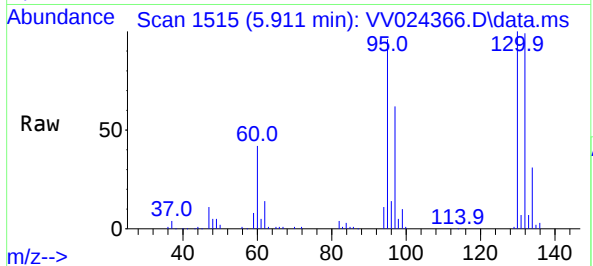
Tgt Ion: 83 Resp: 37578
Ion Ratio Lower Upper
83 100
85 69.7 46.3 85.9





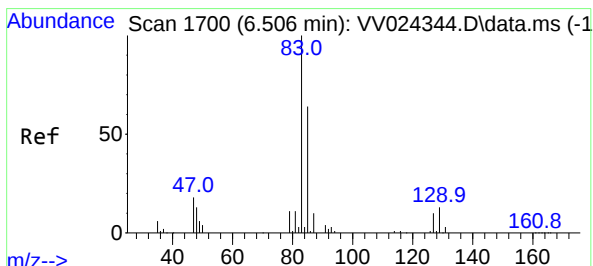
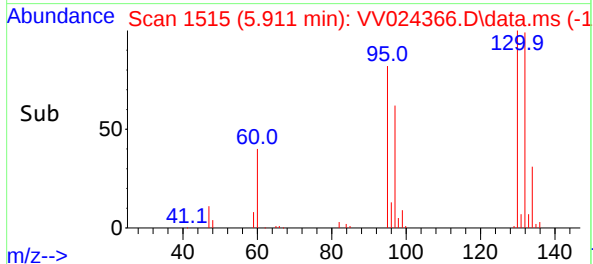
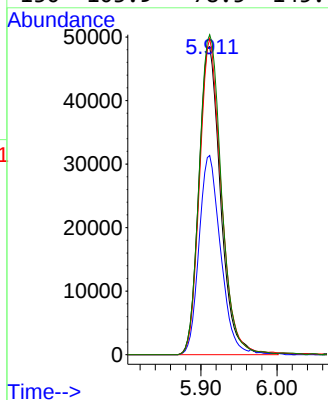
#34
Trichloroethene
Concen: 32.712 ug/L
RT: 5.911 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 96096

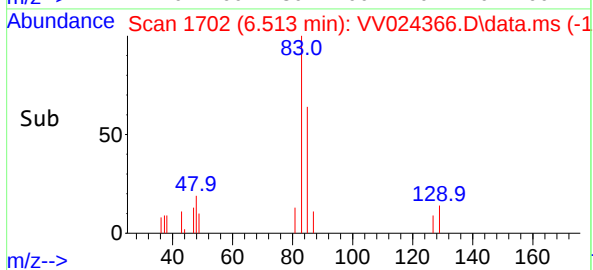
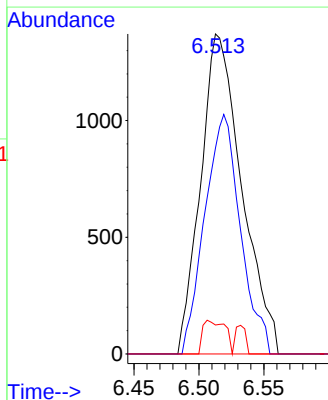
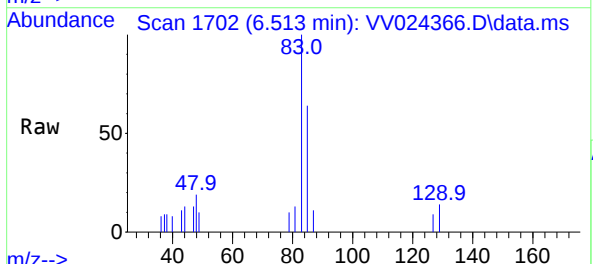
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.1	81.9
132	102.6	75.1	139.5
130	103.9	78.5	145.7

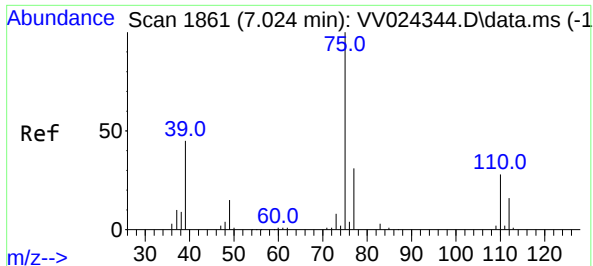


#38
Bromodichloromethane
Concen: 0.768 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

Tgt Ion: 83 Resp: 3020

Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.2	84.0
127	9.0	7.8	11.8





#39

cis-1,3-Dichloropropene

Concen: 1.249 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV024366.D

Acq: 14 Jan 2022 17:14

Instrument :

MSVOA_V

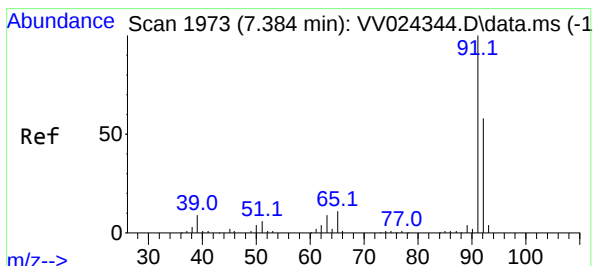
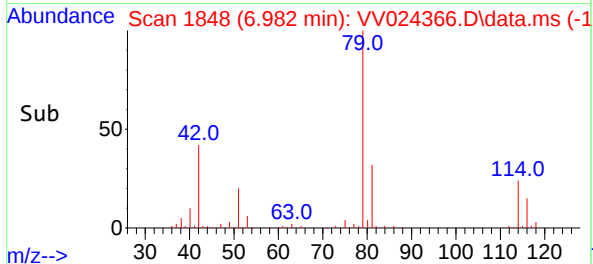
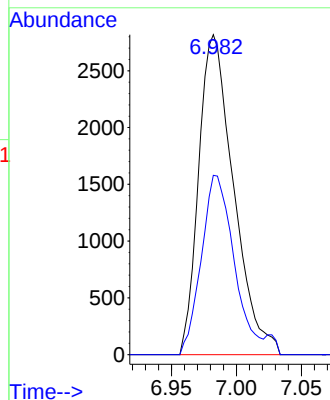
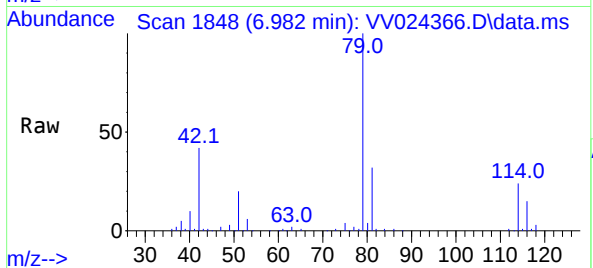
ClientSampleId :

Tgt Ion: 75 Resp: 5259

Ion Ratio Lower Upper

75 100

77 56.1 23.0 42.8#



#42

Toluene

Concen: 1.772 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV024366.D

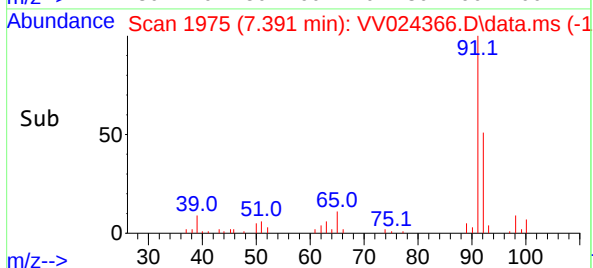
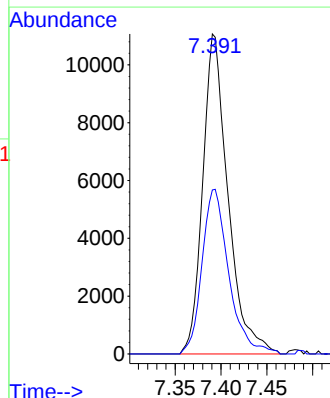
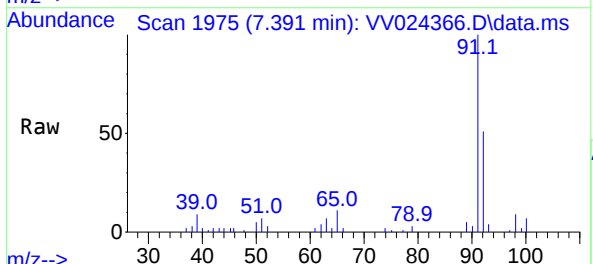
Acq: 14 Jan 2022 17:14

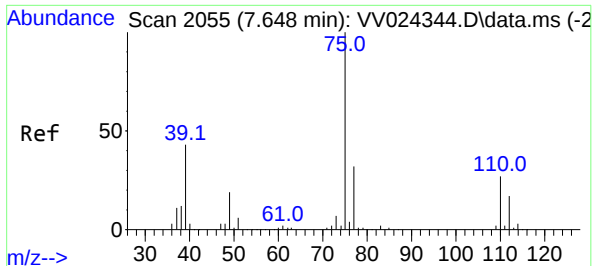
Tgt Ion: 91 Resp: 21194

Ion Ratio Lower Upper

91 100

92 51.3 40.4 75.0

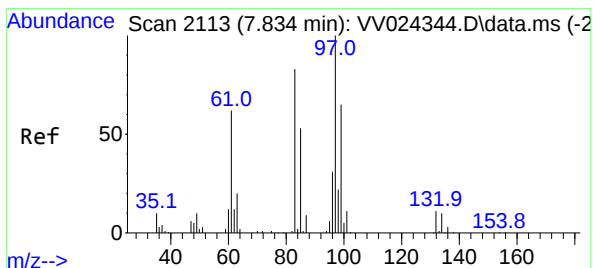
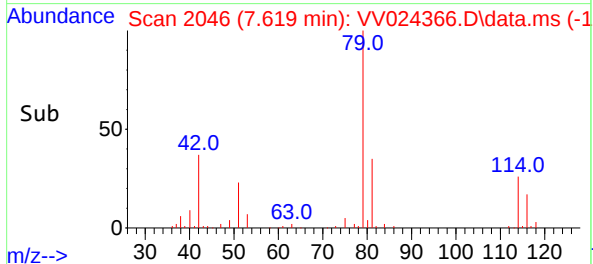
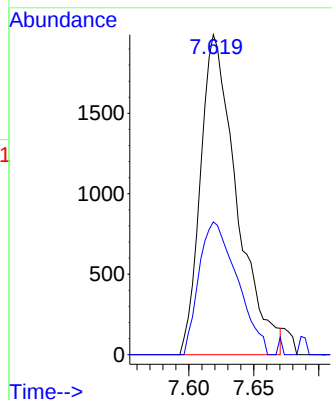
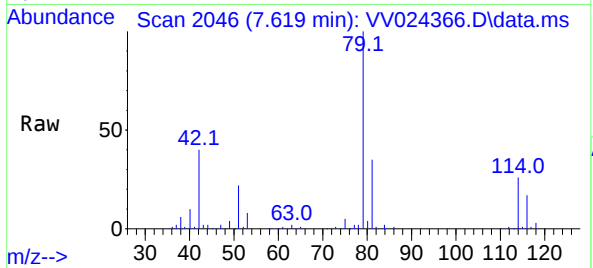




#44
trans-1,3-Dichloropropene
Concen: 0.905 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.029 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

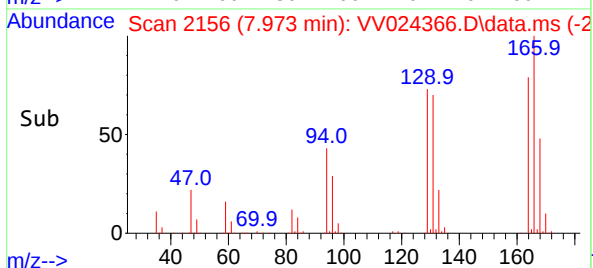
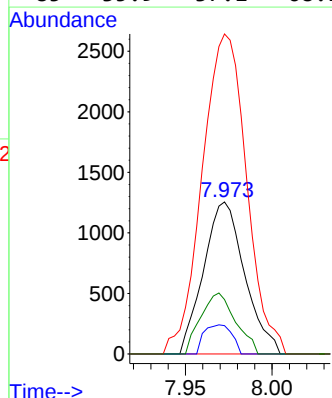
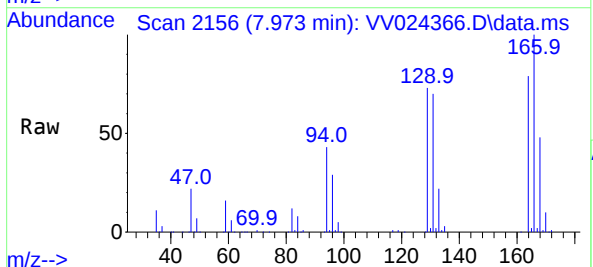
Instrument :
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ClientSampleId :

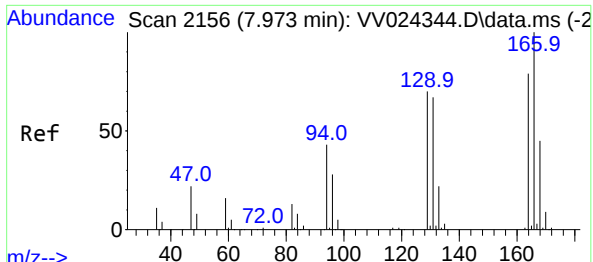
Tgt Ion: 75 Resp: 3867
Ion Ratio Lower Upper
75 100
77 41.5 22.7 42.1



#45
1,1,2-Trichloroethane
Concen: 0.738 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.138 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

Tgt Ion: 97 Resp: 2073
Ion Ratio Lower Upper
97 100
99 18.6 42.4 78.8#
83 210.6 57.9 107.5#
85 35.9 37.1 68.9#





#46

Tetrachloroethene

Concen: 87.441 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

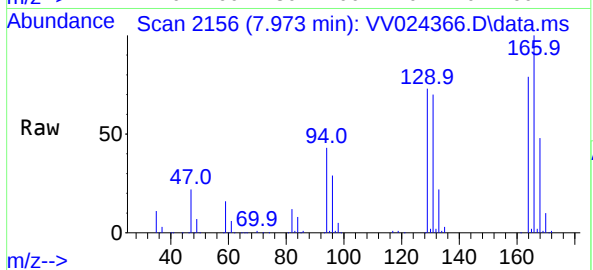
Lab File: VV024366.D

Acq: 14 Jan 2022 17:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 233799

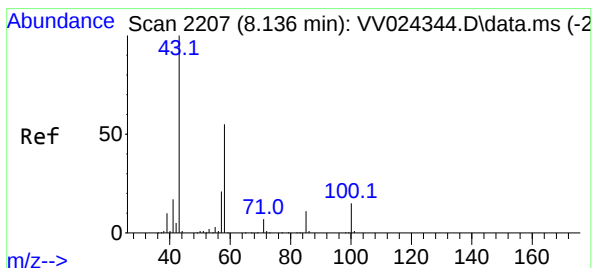
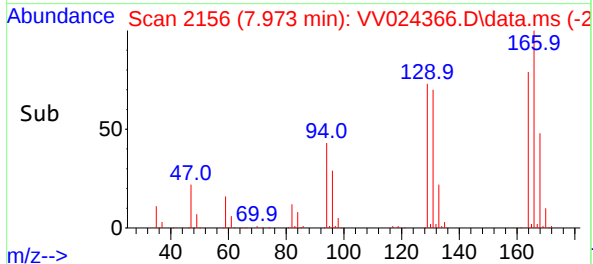
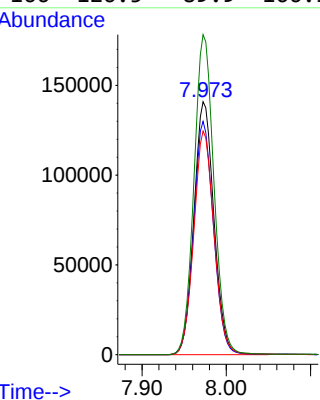
Ion Ratio Lower Upper

164 100

129 92.2 61.5 114.1

131 88.4 62.2 115.4

166 126.5 89.9 166.9



#48

2-Hexanone

Concen: 6.696 ug/L

RT: 8.114 min Scan# 2200

Delta R.T. -0.023 min

Lab File: VV024366.D

Acq: 14 Jan 2022 17:14

Tgt Ion: 43 Resp: 17573

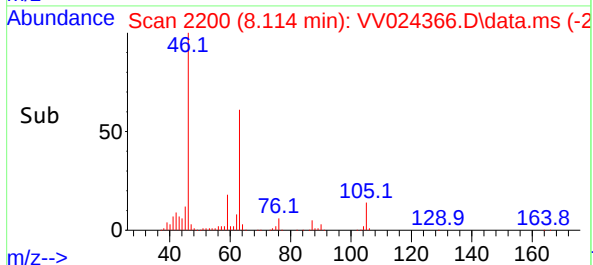
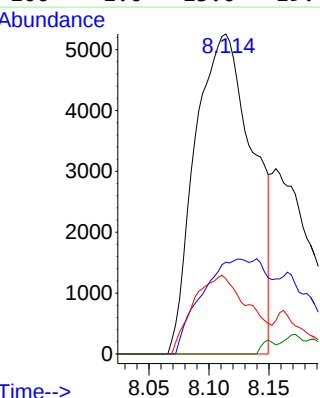
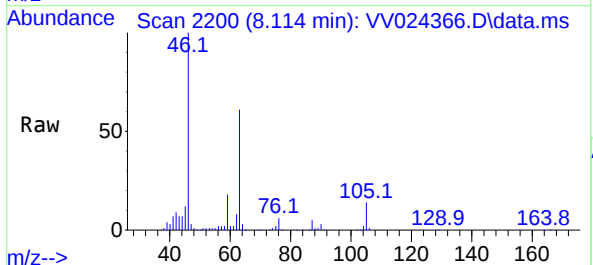
Ion Ratio Lower Upper

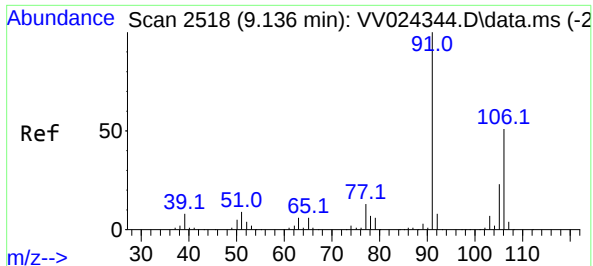
43 100

58 23.9 45.0 67.4#

57 19.2 16.9 25.3

100 1.0 13.0 19.4#

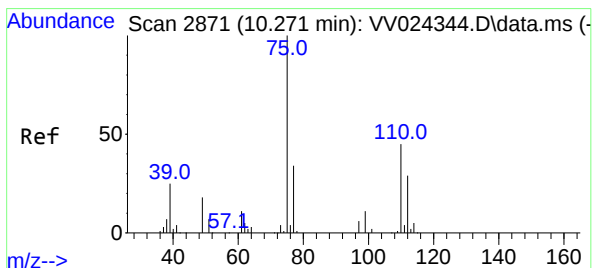
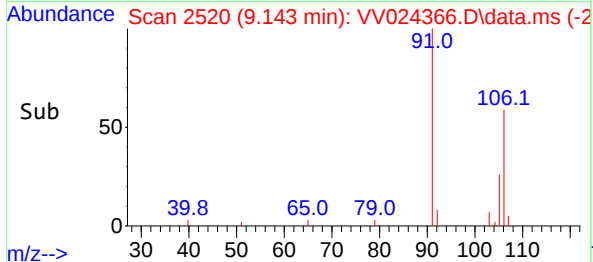
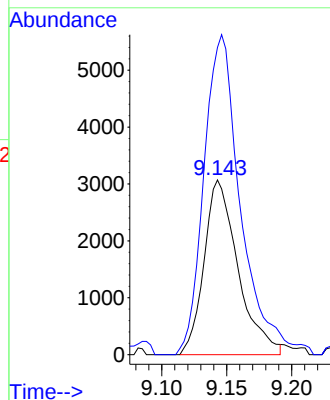
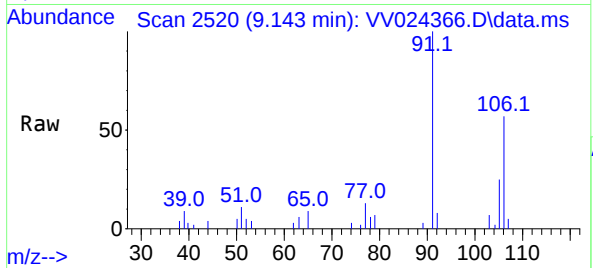




#53
m,p-Xylene
Concen: 1.091 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

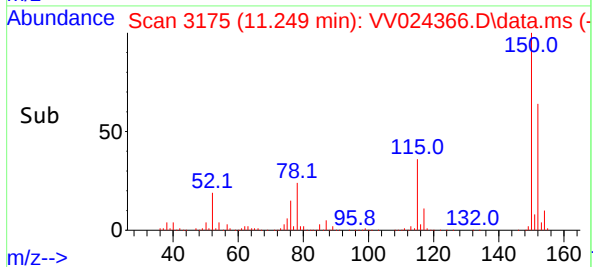
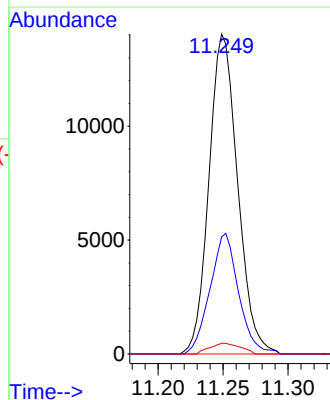
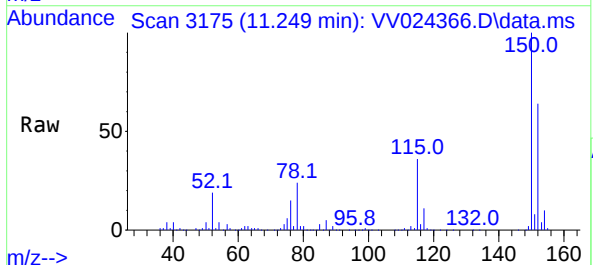
Instrument :
MSVOA_V
ClientSampleId :

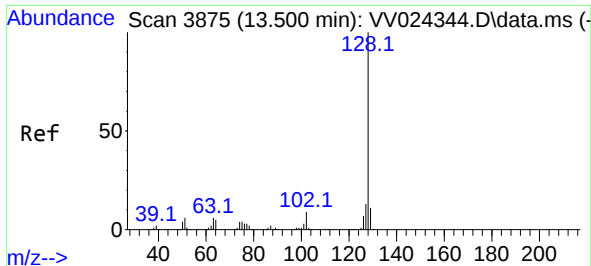
Tgt Ion:106 Resp: 5586
Ion Ratio Lower Upper
106 100
91 175.9 141.8 263.4



#61
1,2,3-Trichloropropane
Concen: 6.845 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

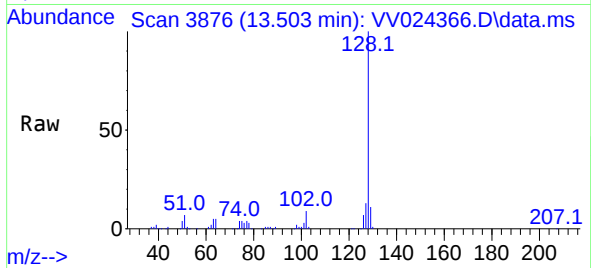
Tgt Ion: 75 Resp: 21515
Ion Ratio Lower Upper
75 100
77 37.6 26.9 40.3
110 3.6 37.1 55.7#





#71
Naphthalene
Concen: 8.186 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024366.D
Acq: 14 Jan 2022 17:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	95141
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	11.0	8.7	13.1

