

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
 Data File : VV024083.D
 Acq On : 19 Dec 2021 11:31
 Operator : SY/MD
 Sample : VV1219WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:36:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

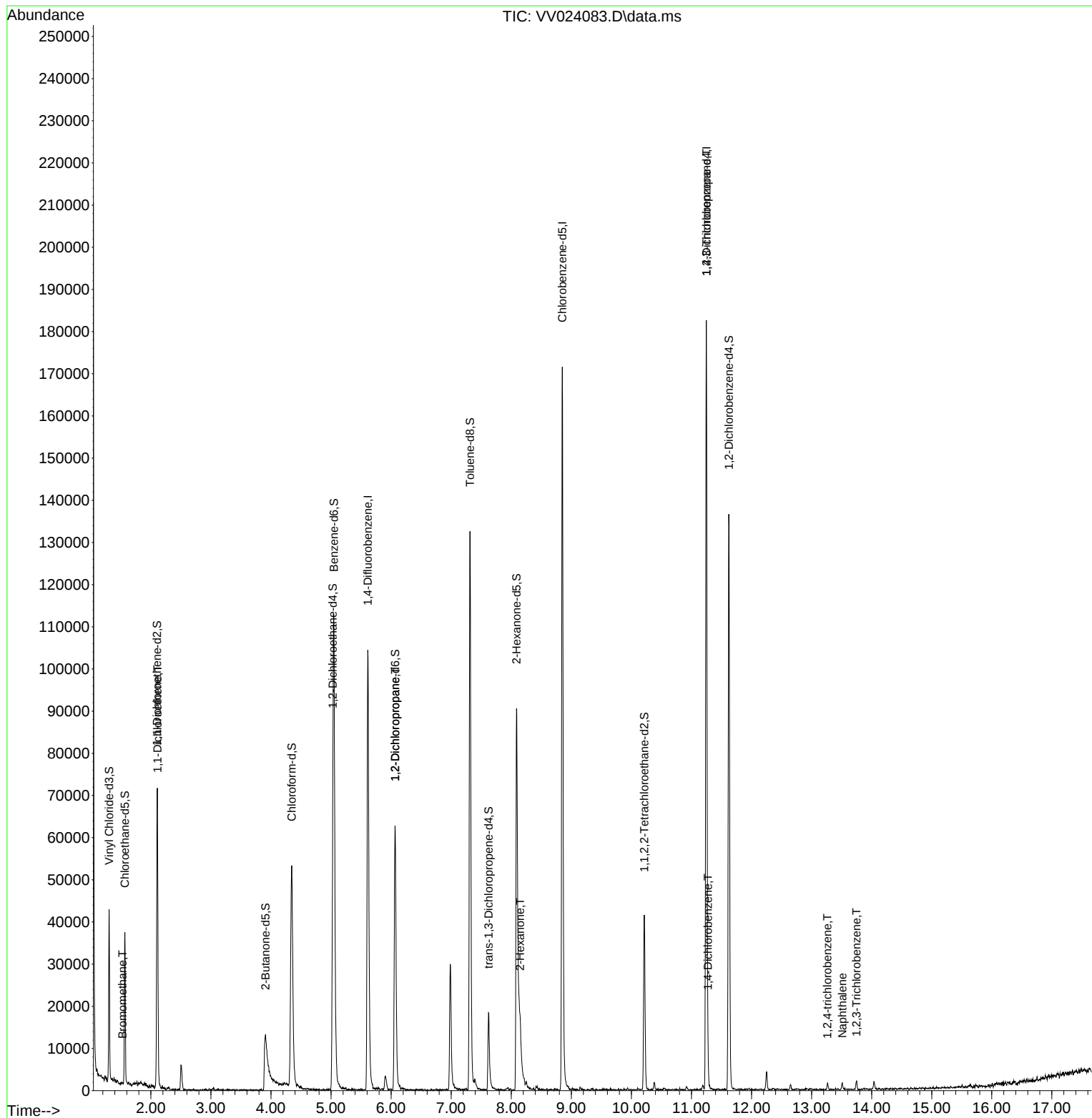
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	92569	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	98480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23512	4.725	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.568	69	21351	5.142	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2	2.104	63	36451	3.752	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.000%	
20) 2-Butanone-d5	3.908	46	33311	34.262	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.520%	
24) Chloroform-d	4.346	84	55490	4.923	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.030	65	27308	5.203	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.047	84	102219	5.241	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
36) 1,2-Dichloropropane-d6	6.066	67	28880	4.908	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.313	98	87998	5.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
43) trans-1,3-Dichloroprop...	7.622	79	11041	4.523	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.088	63	39210	35.877	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	19887	4.074	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	36284	5.533	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.600%	
Target Compounds						Qvalue
6) Bromomethane	1.529	94	216	0.046	ug/L	96
12) 1,1-Dichloroethene	2.111	96	520	0.084	ug/L #	1
37) 1,2-Dichloropropane	6.066	63	3814	0.576	ug/L #	85
48) 2-Hexanone	8.146	43	4818	2.089	ug/L #	74
61) 1,2,3-Trichloropropane	11.249	75	5218	1.560	ug/L #	64
65) 1,4-Dichlorobenzene	11.275	146	746	0.050	ug/L #	76
70) 1,2,4-trichlorobenzene	13.265	180	674	0.071	ug/L #	86
71) Naphthalene	13.512	128	1540	0.113	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.747	180	858	0.102	ug/L	99

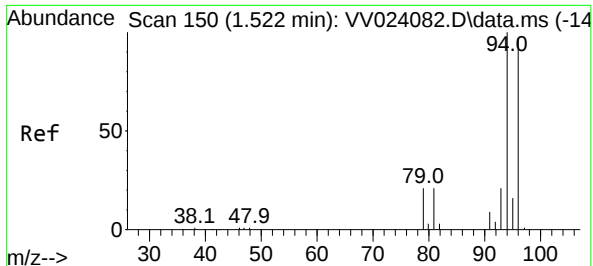
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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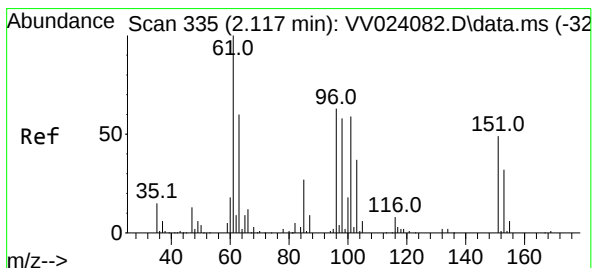
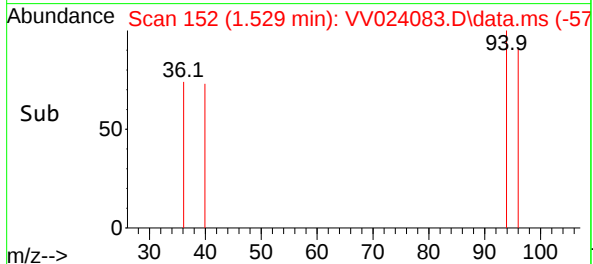
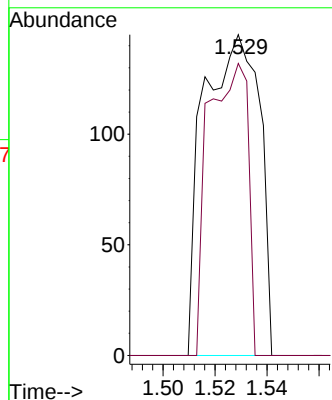
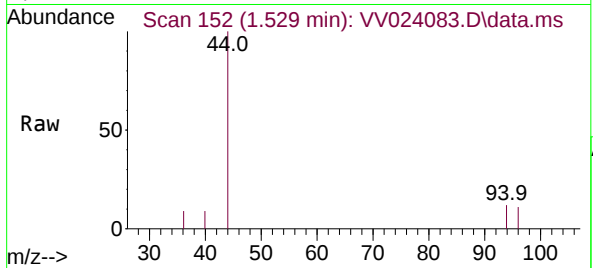




#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024083.D
Acq: 19 Dec 2021 11:31

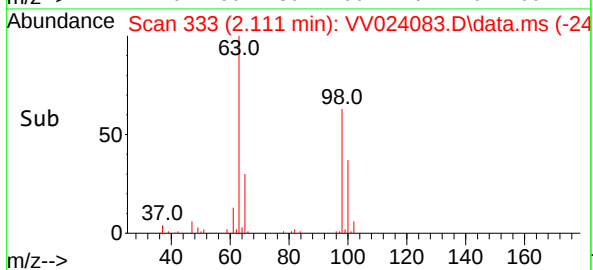
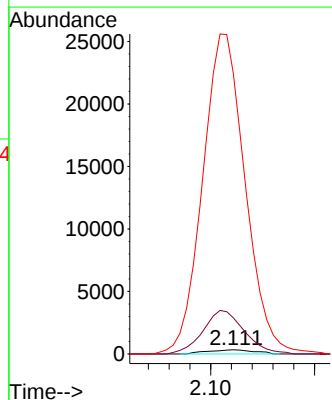
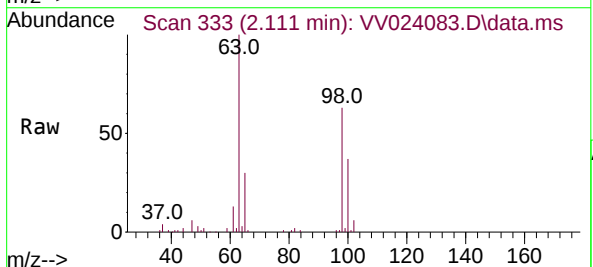
Instrument :
MSVOA_V
ClientSampleId :

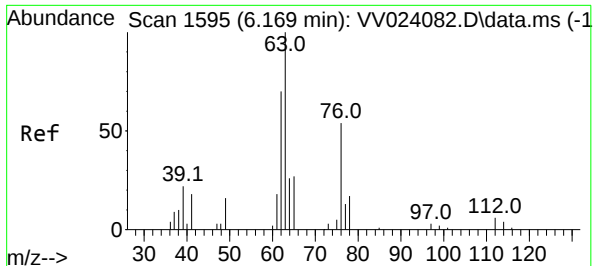
Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
96 91.0 66.2 123.0



#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV024083.D
Acq: 19 Dec 2021 11:31

Tgt Ion: 96 Resp: 520
Ion Ratio Lower Upper
96 100
61 870.3 116.1 215.5#
63 6743.5 79.4 147.4#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV024083.D

Acq: 19 Dec 2021 11:31

Instrument :

MSVOA_V

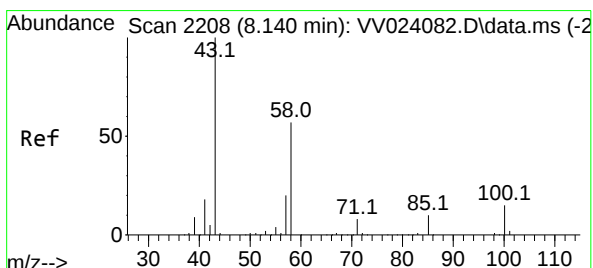
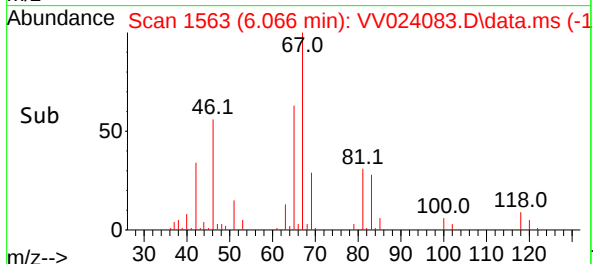
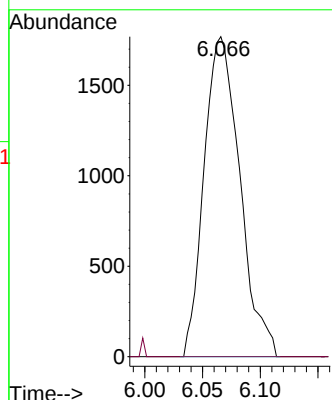
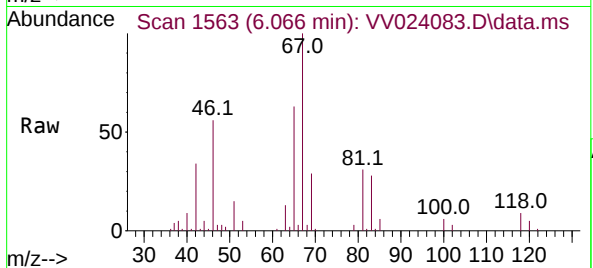
ClientSampleId :

Tgt Ion: 63 Resp: 3814

Ion Ratio Lower Upper

63 100

112 0.5 4.3 6.5#



#48

2-Hexanone

Concen: 2.089 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV024083.D

Acq: 19 Dec 2021 11:31

Tgt Ion: 43 Resp: 4818

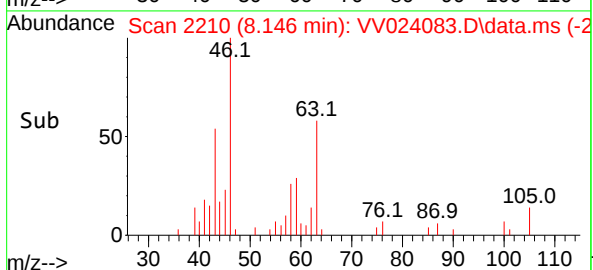
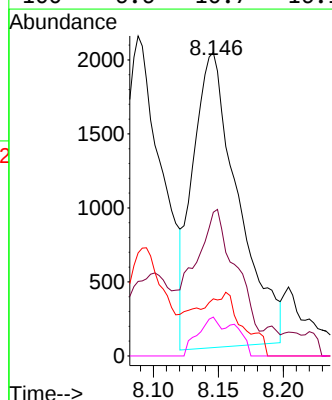
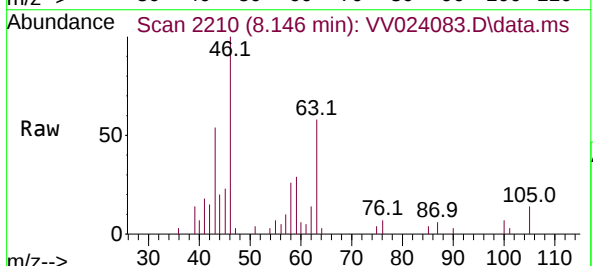
Ion Ratio Lower Upper

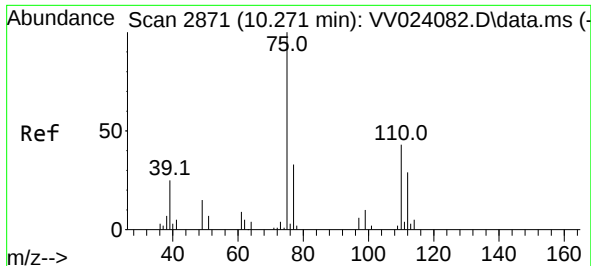
43 100

58 39.5 44.5 66.7#

57 0.0 15.1 22.7#

100 6.6 10.7 16.1#

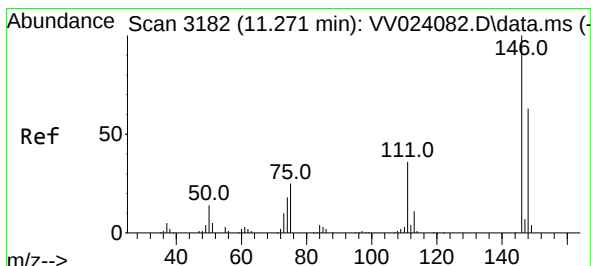
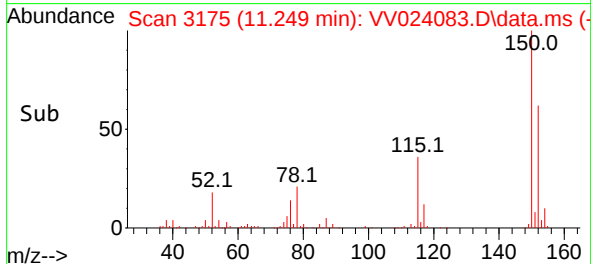
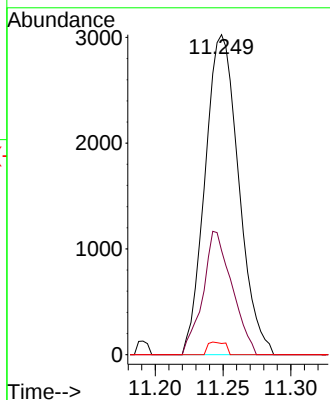
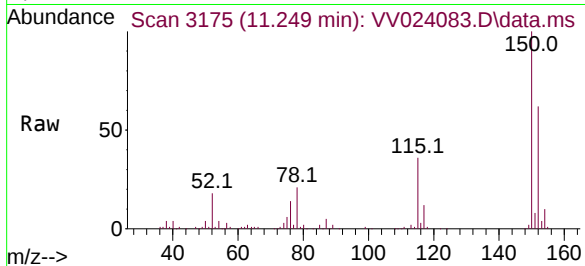




#61
1,2,3-Trichloropropane
Concen: 1.560 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV024083.D
Acq: 19 Dec 2021 11:31

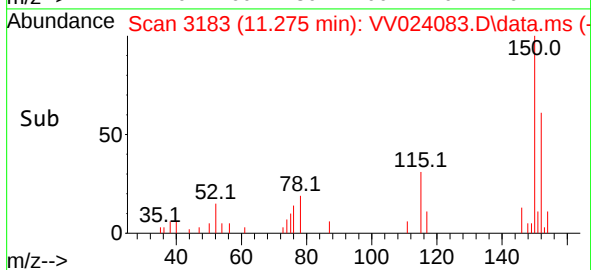
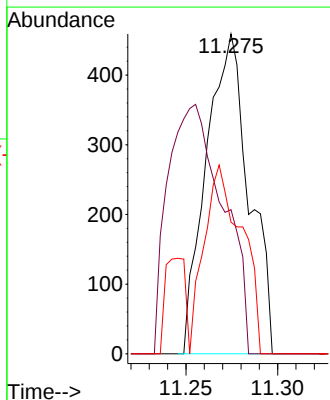
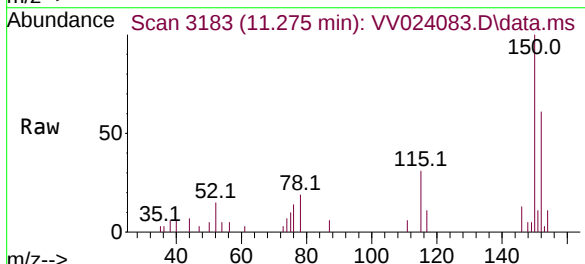
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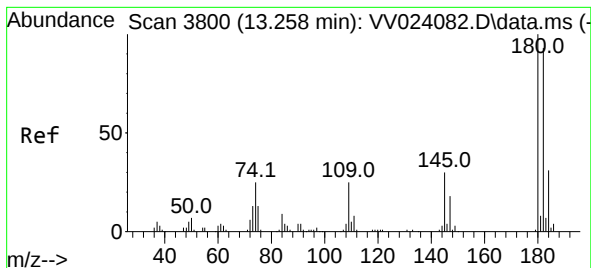
Tgt Ion: 75 Resp: 5218
Ion Ratio Lower Upper
75 100
77 33.3 26.4 39.6
110 2.1 34.2 51.2#



#65
1,4-Dichlorobenzene
Concen: 0.050 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV024083.D
Acq: 19 Dec 2021 11:31

Tgt Ion:146 Resp: 746
Ion Ratio Lower Upper
146 100
111 45.1 25.6 47.6
148 41.2 44.8 83.2#





#70

1,2,4-trichlorobenzene

Concen: 0.071 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV024083.D

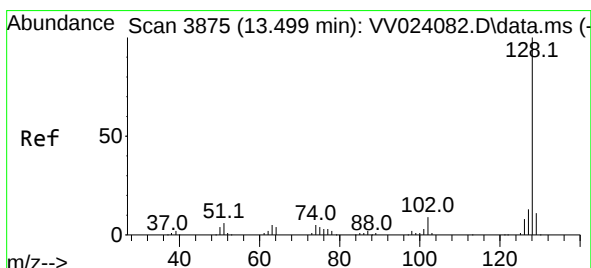
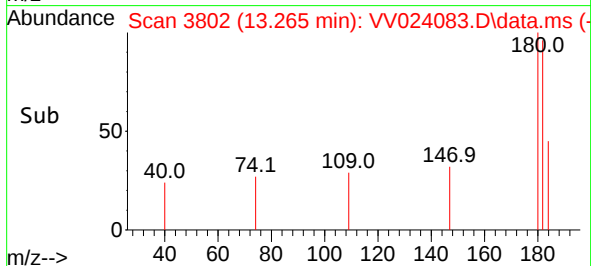
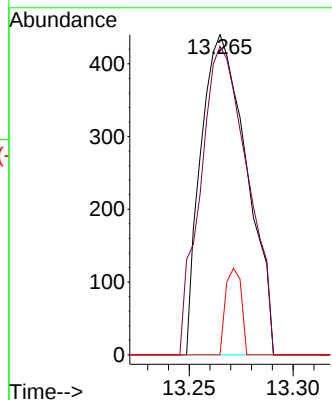
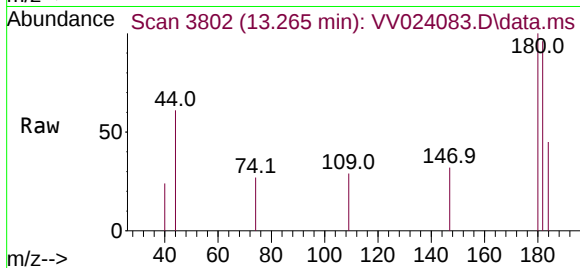
Acq: 19 Dec 2021 11:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp:	674
Ion Ratio	Lower	Upper
180	100	
182	99.6	74.4 111.6
145	9.2	23.3 34.9#



#71

Naphthalene

Concen: 0.113 ug/L

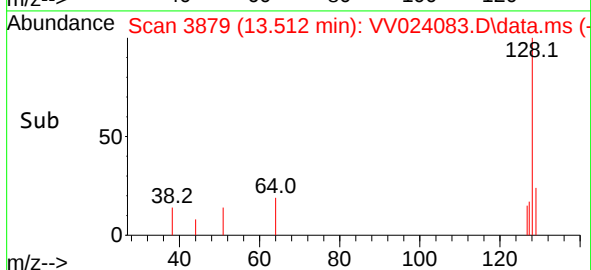
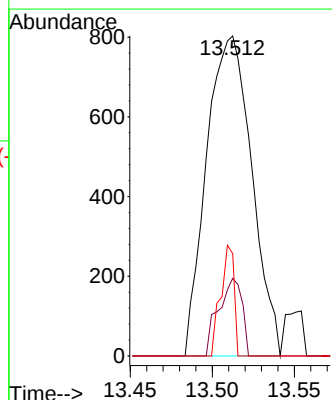
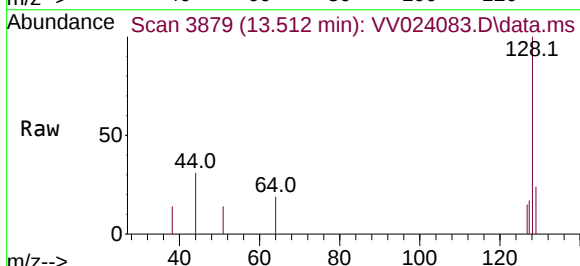
RT: 13.512 min Scan# 3879

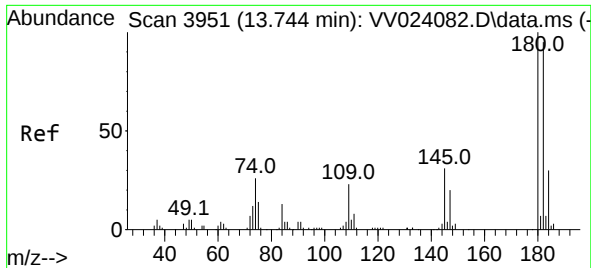
Delta R.T. 0.013 min

Lab File: VV024083.D

Acq: 19 Dec 2021 11:31

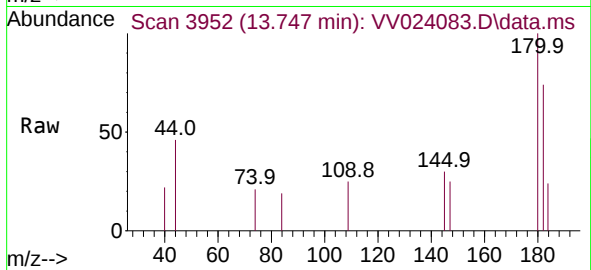
Tgt Ion:128	Resp:	1540
Ion Ratio	Lower	Upper
128	100	
129	12.5	9.0 13.4
127	10.2	10.2 15.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.102 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.003 min
 Lab File: VV024083.D
 Acq: 19 Dec 2021 11:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	858
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	29.7	25.8	38.6

