

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028352.D
 Acq On : 05 Oct 2022 02:11
 Operator : SY/MD
 Sample : N4872-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 04:18:41 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	5.612	114	173521	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	174603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	54472	4.178	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.561	69	52359	4.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.101	63	80251	3.266	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.400%	
20) 2-Butanone-d5	3.902	46	148882	67.490	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	134.980%#	
24) Chloroform-d	4.342	84	114336	4.841	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.027	65	57858	5.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.043	84	240230	5.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
36) 1,2-Dichloropropane-d6	6.066	67	75533	5.497	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.000%	
41) Toluene-d8	7.310	98	194875	4.424	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	7.619	79	23052	4.405	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.200%	
46) 2-Hexanone-d5	8.085	63	116413	54.349	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.700%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55519	5.331	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.600%	
66) 1,2-Dichlorobenzene-d4	11.619	152	82240	5.708	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.200%	
Target Compounds						Qvalue
3) Chloromethane	1.236	50	504	0.038	ug/L #	79
6) Bromomethane	1.519	94	425	0.060	ug/L	87
8) Chloroethane	1.397	64	206501	20.803	ug/L #	51
25) Chloroform	4.371	83	9577	0.396	ug/L	98
31) Carbon tetrachloride	4.828	117	3720	0.193	ug/L	98
35) Methylcyclohexane	6.066	83	18544	0.873	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	7935	0.659	ug/L #	87
39) cis-1,3-Dichloropropene	6.979	75	1518	0.088	ug/L #	79
49) Dibromochloromethane	7.976	129	284	0.025	ug/L #	11
51) Chlorobenzene	8.879	112	25841	0.710	ug/L	98
61) 1,2,3-Trichloropropane	11.178	75	20107	3.112	ug/L #	48
64) 1,3-Dichlorobenzene	11.178	146	71933	2.858	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	206715	8.203	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	217342	9.522	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	1590	0.105	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	765	0.056	ug/L #	77

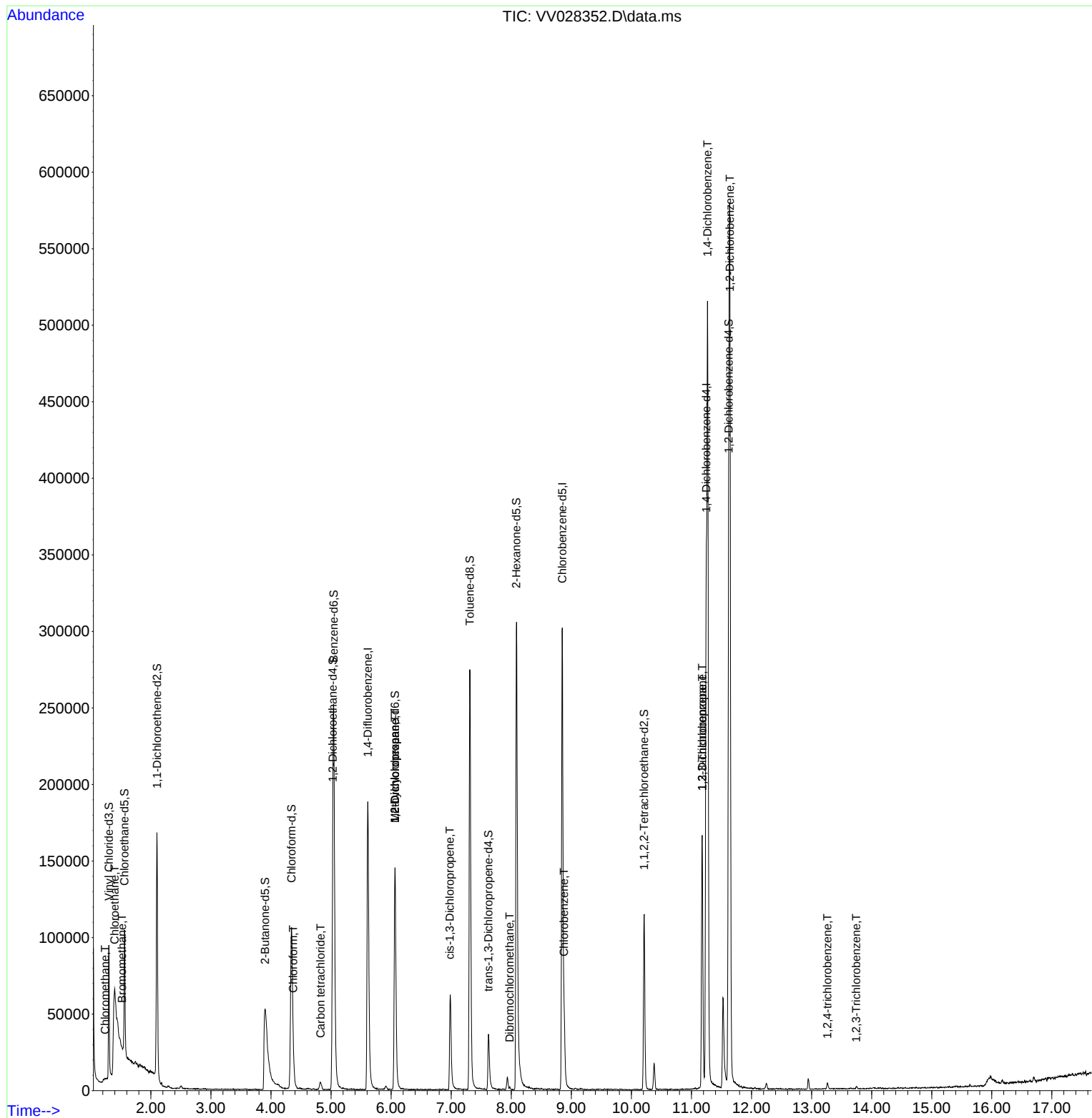
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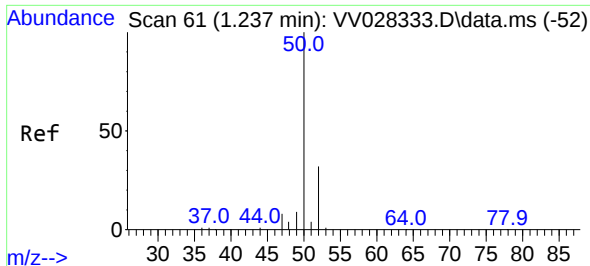
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
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Response via : Initial Calibration

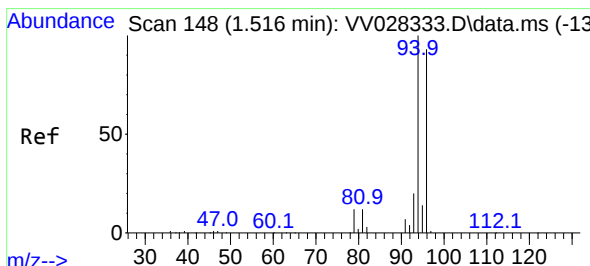
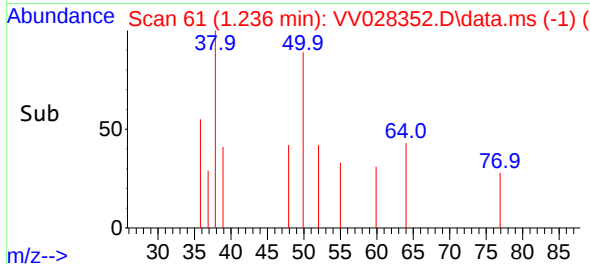
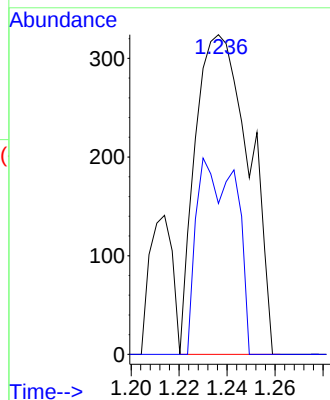
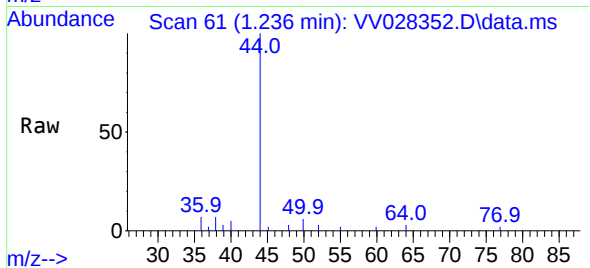




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

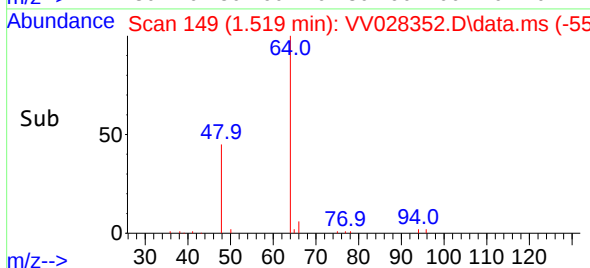
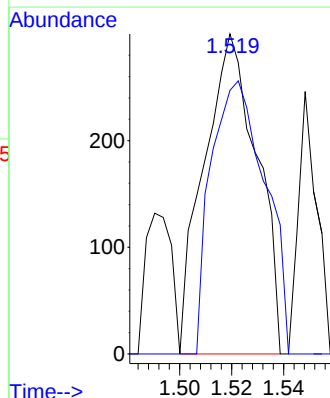
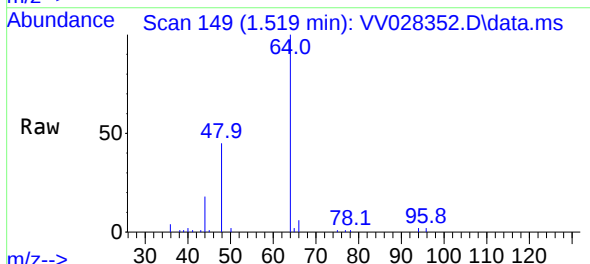
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ClientSampleId :

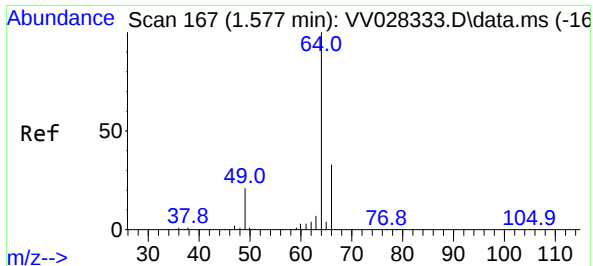
Tgt Ion: 50 Resp: 504
Ion Ratio Lower Upper
50 100
52 47.2 24.4 45.2#



#6
Bromomethane
Concen: 0.060 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

Tgt Ion: 94 Resp: 425
Ion Ratio Lower Upper
94 100
96 82.3 66.7 123.9

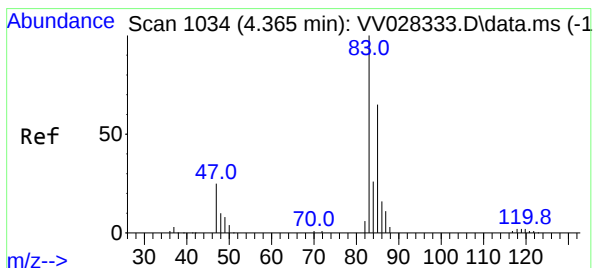
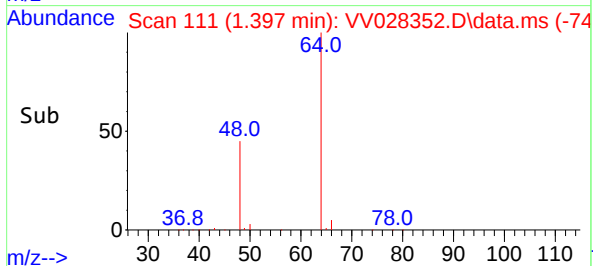
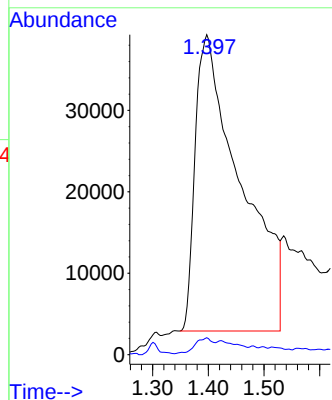
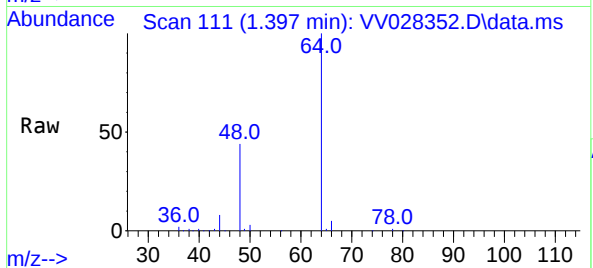




#8
Chloroethane
Concen: 20.803 ug/L
RT: 1.397 min Scan# 11
Delta R.T. -0.180 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

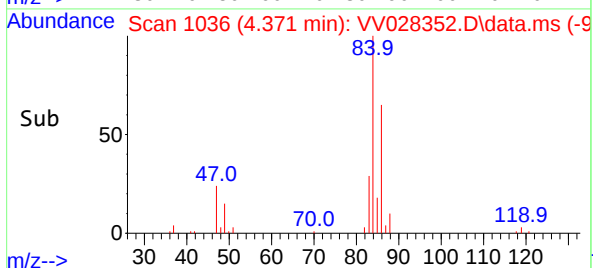
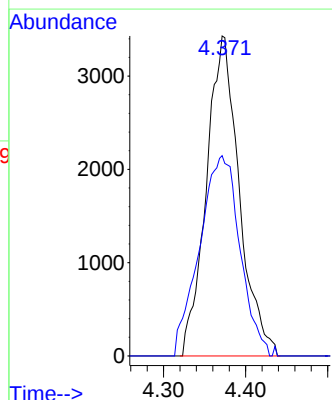
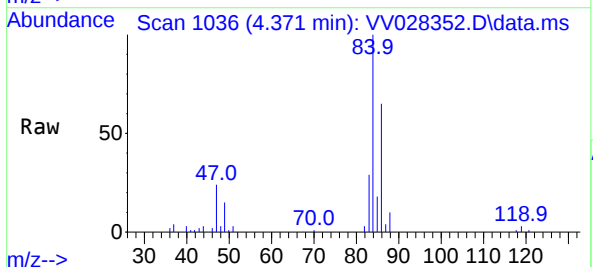
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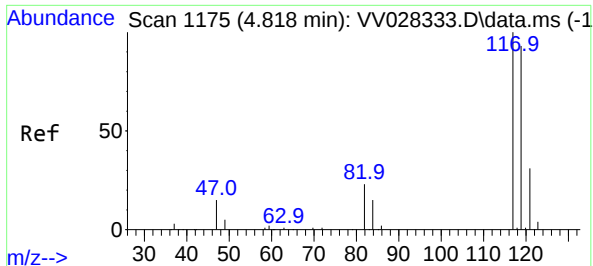
Tgt Ion: 64 Resp: 206501
Ion Ratio Lower Upper
64 100
66 5.3 23.0 42.8#



#25
Chloroform
Concen: 0.396 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

Tgt Ion: 83 Resp: 9577
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.7

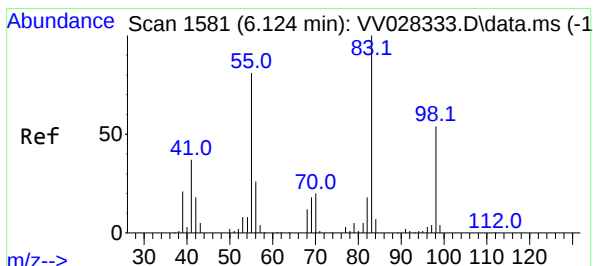
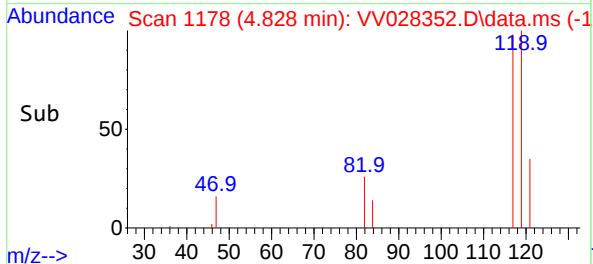
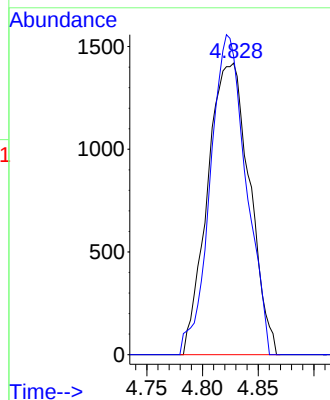
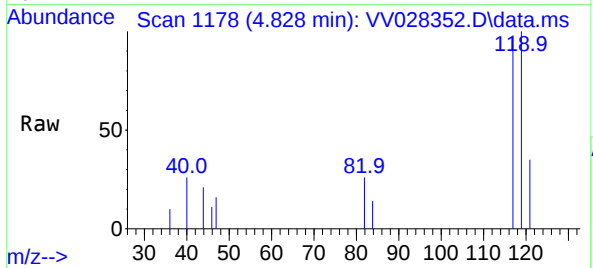




#31
Carbon tetrachloride
Concen: 0.193 ug/L
RT: 4.828 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

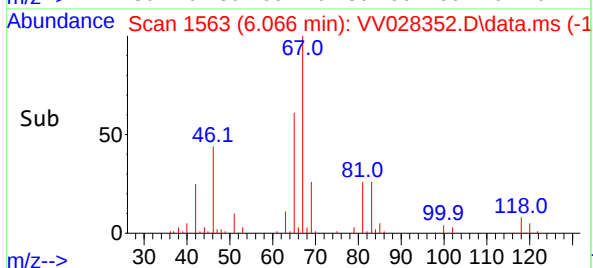
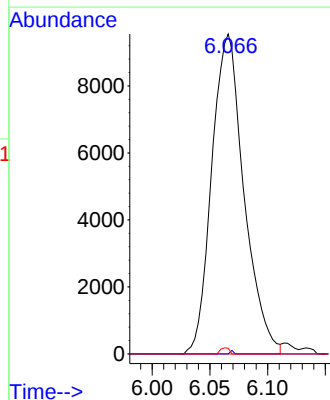
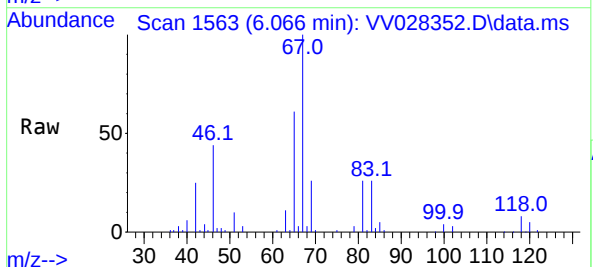
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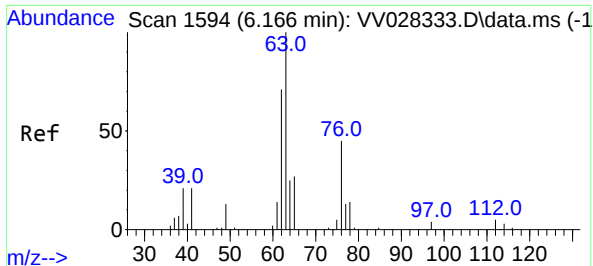
Tgt Ion:117 Resp: 3720
Ion Ratio Lower Upper
117 100
119 93.7 76.9 115.3



#35
Methylcyclohexane
Concen: 0.873 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

Tgt Ion: 83 Resp: 18544
Ion Ratio Lower Upper
83 100
55 0.1 64.7 97.1#
98 0.5 39.5 59.3#

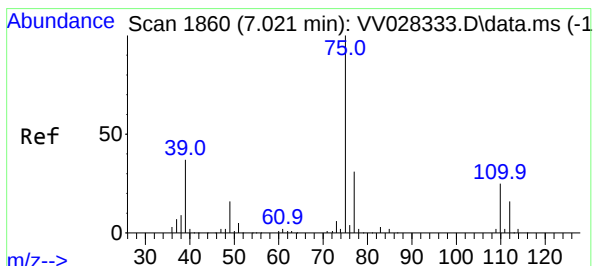
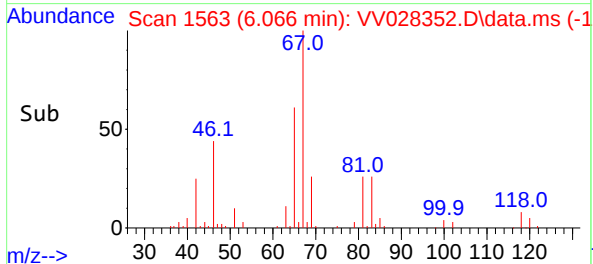
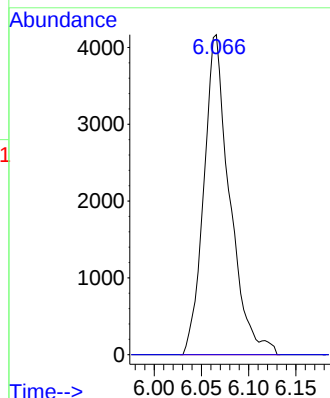
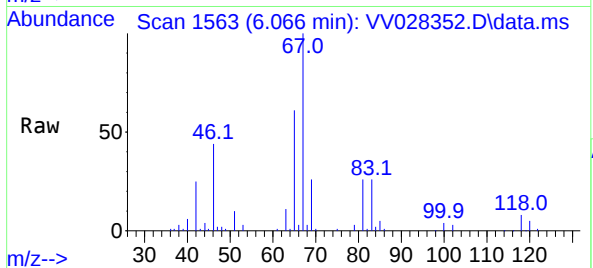




#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

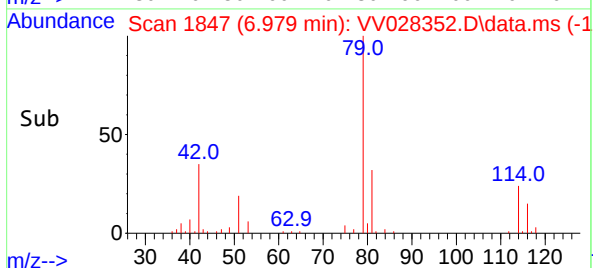
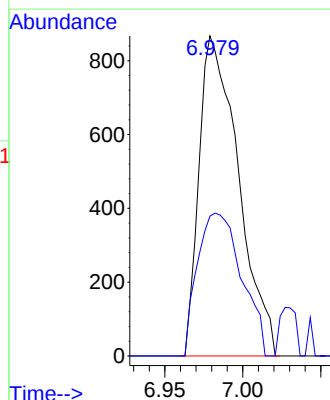
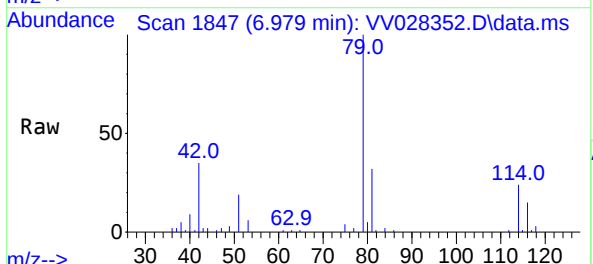
Instrument :
MSVOA_V
ClientSampleId :

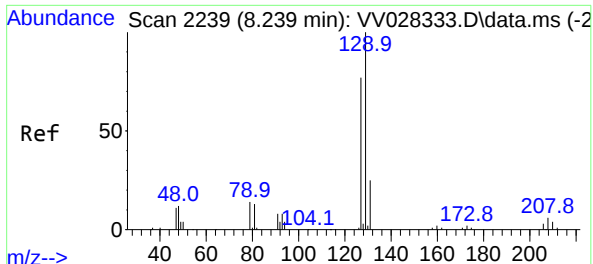
Tgt Ion: 63 Resp: 7935
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.045 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

Tgt Ion: 75 Resp: 1518
Ion Ratio Lower Upper
75 100
77 43.7 22.4 41.6#





#49

Dibromochloromethane

Concen: 0.025 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV028352.D

Acq: 05 Oct 2022 02:11

Instrument :

MSVOA_V

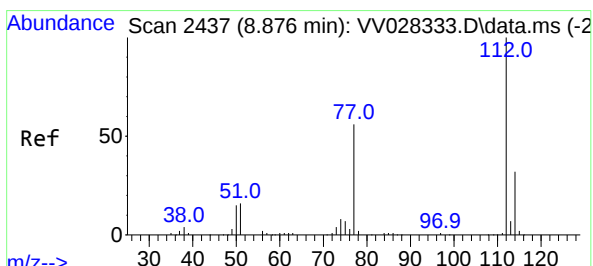
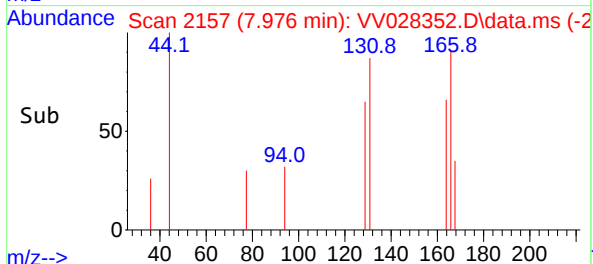
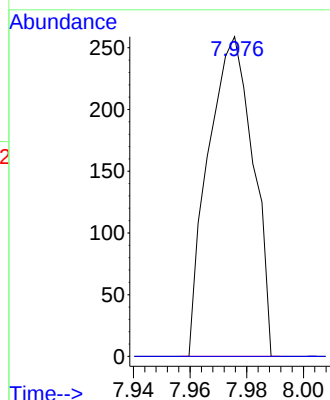
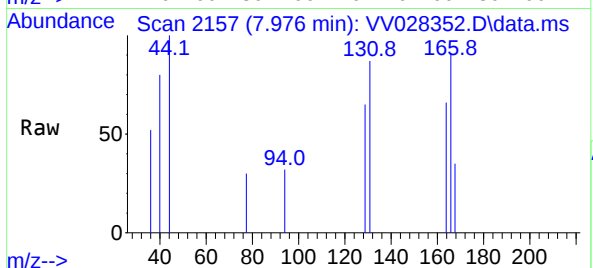
ClientSampleId :

Tgt Ion:129 Resp: 284

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#51

Chlorobenzene

Concen: 0.710 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV028352.D

Acq: 05 Oct 2022 02:11

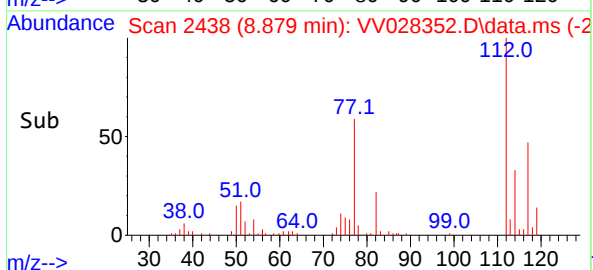
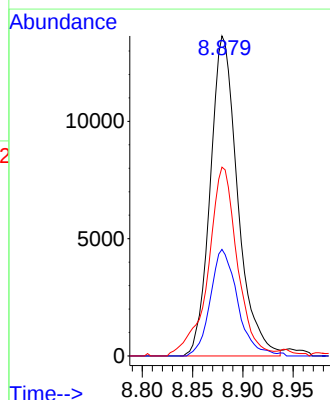
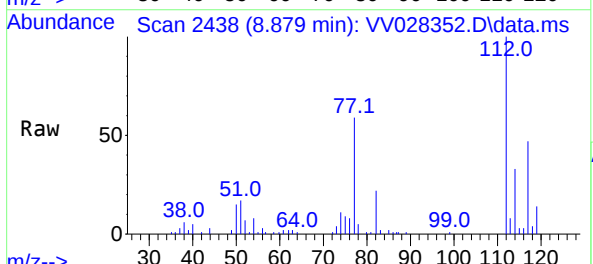
Tgt Ion:112 Resp: 25841

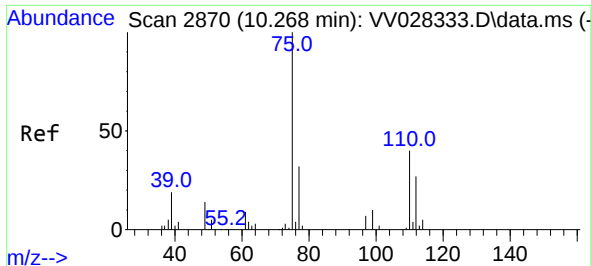
Ion Ratio Lower Upper

112 100

114 33.3 22.5 41.7

77 59.0 46.1 69.1

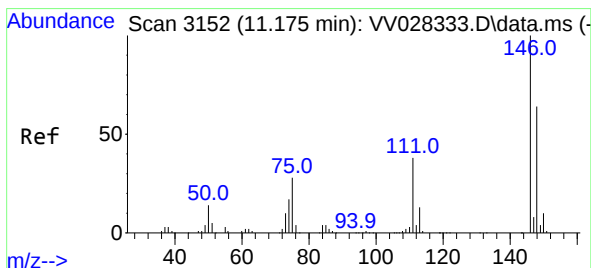
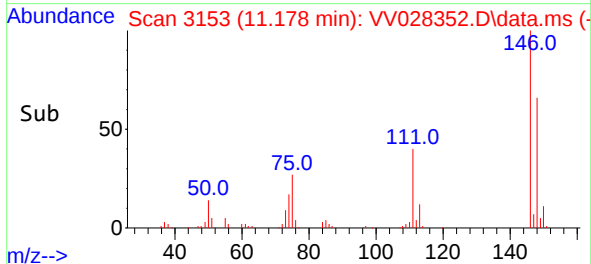
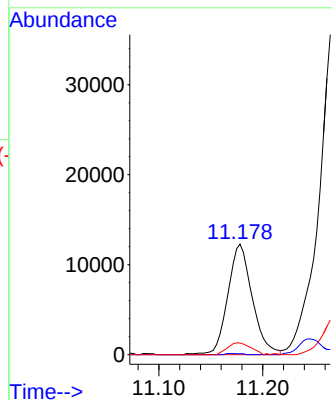
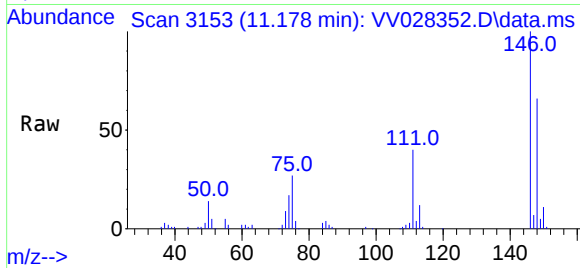




#61
1,2,3-Trichloropropane
Concen: 3.112 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.907 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

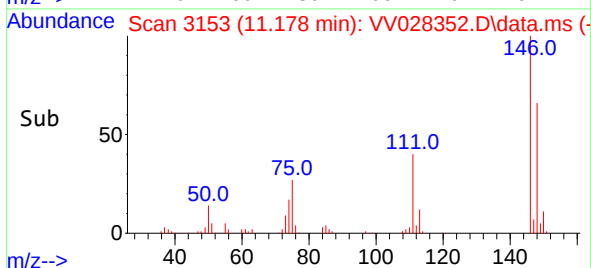
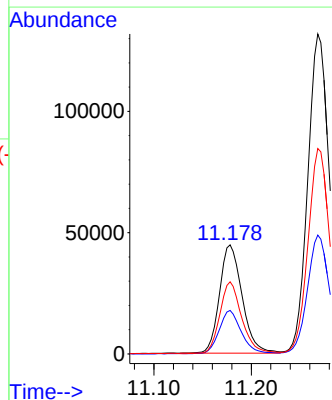
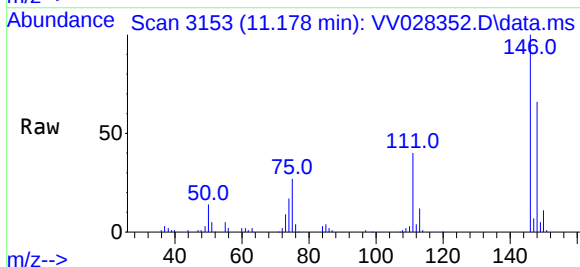
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MSVOA_V
ClientSampleId :

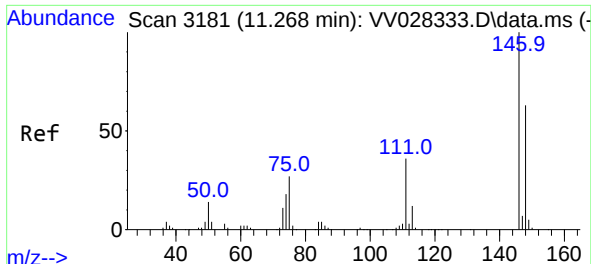
Tgt Ion: 75 Resp: 20107
Ion Ratio Lower Upper
75 100
77 0.0 26.7 40.1#
110 10.2 30.1 45.1#



#64
1,3-Dichlorobenzene
Concen: 2.858 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

Tgt Ion:146 Resp: 71933
Ion Ratio Lower Upper
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111 39.9 27.1 50.3
148 66.1 45.7 84.9

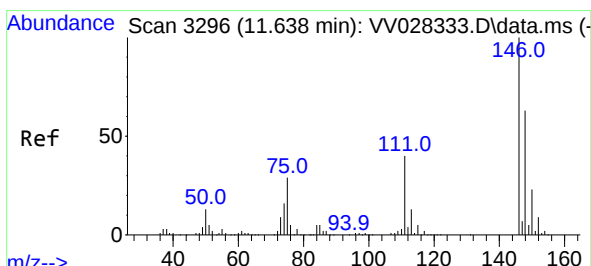
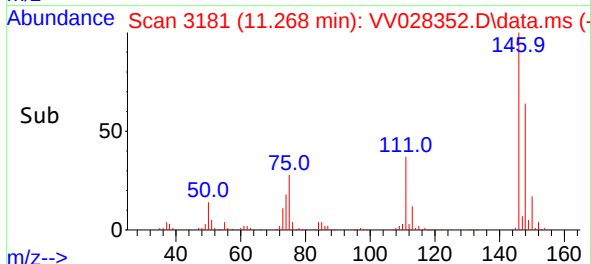
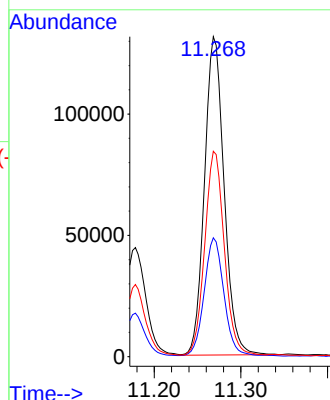
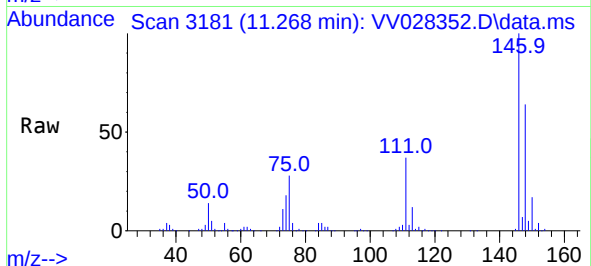




#65
1,4-Dichlorobenzene
Concen: 8.203 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

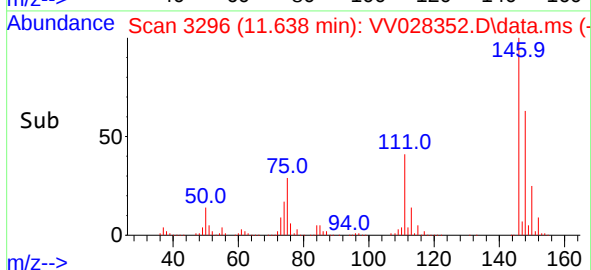
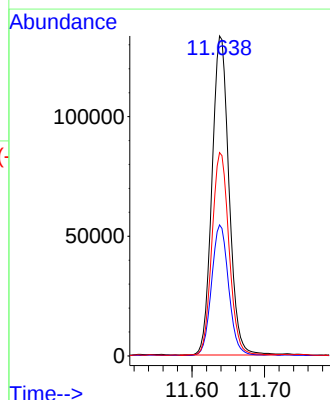
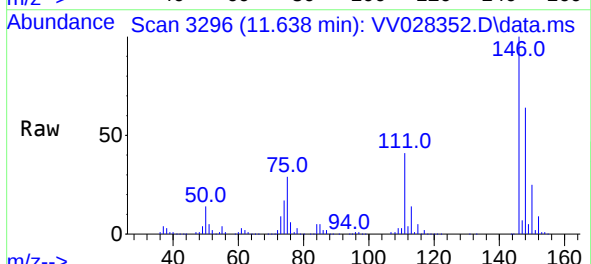
Instrument :
MSVOA_V
ClientSampleId :

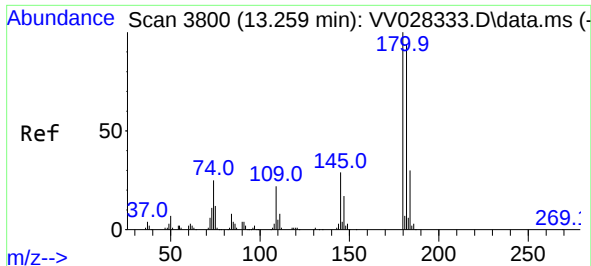
Tgt Ion:146 Resp: 206715
Ion Ratio Lower Upper
146 100
111 37.2 26.2 48.8
148 64.2 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 9.522 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. -0.003 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

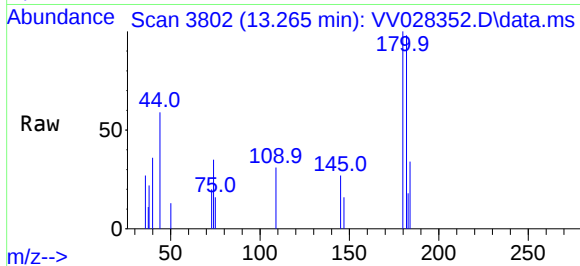
Tgt Ion:146 Resp: 217342
Ion Ratio Lower Upper
146 100
111 41.0 32.6 49.0
148 63.6 50.1 75.1



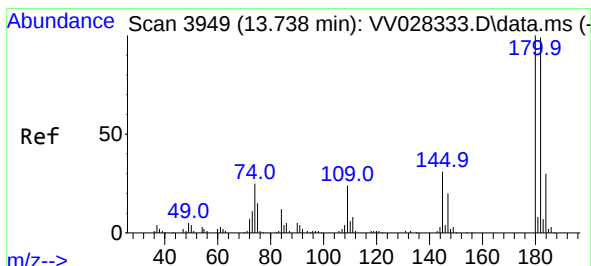
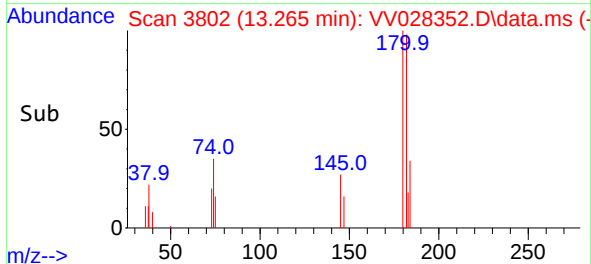
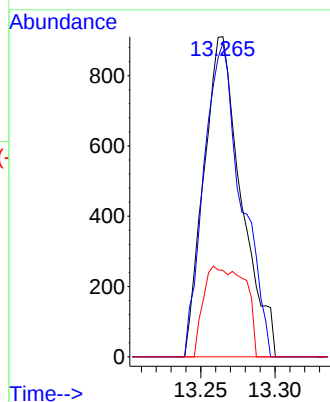


#70
1,2,4-trichlorobenzene
Concen: 0.105 ug/L
RT: 13.265 min Scan# 3911
Delta R.T. 0.006 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 1590
Ion Ratio Lower Upper
180 100
182 98.4 76.3 114.5
145 31.3 22.9 34.3



#72
1,2,3-Trichlorobenzene
Concen: 0.056 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV028352.D
Acq: 05 Oct 2022 02:11

Tgt Ion:180 Resp: 765
Ion Ratio Lower Upper
180 100
182 75.0 77.4 116.0#
145 16.7 24.6 36.8#

