

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024091.D
 Acq On : 19 Dec 2021 16:16
 Operator : SY/MD
 Sample : M5134-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:38:07 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)

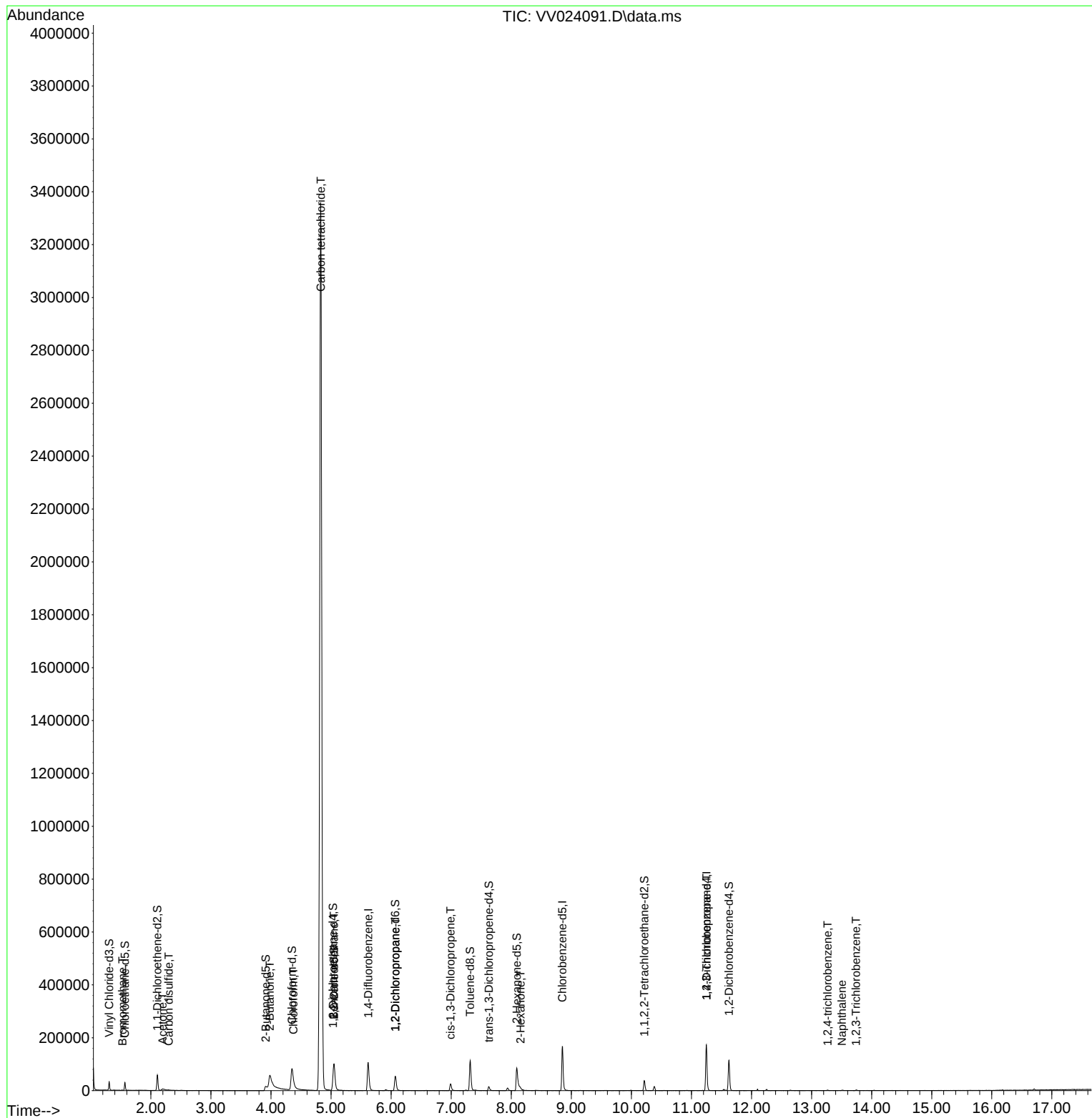
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95382	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	95296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	18805	3.667	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.568	69	17562	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.108	63	29997	2.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.912	46	35664	35.600	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.200%
24) Chloroform-d	4.349	84	47259	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.034	65	24512	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.050	84	90092	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.069	67	25585	4.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.317	98	75731	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.629	79	9686	4.100	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.092	63	34465	32.589	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17433	3.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	31136	4.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.526	94	261	0.053	ug/L	99
13) Acetone	2.195	43	13960	17.418	ug/L	79
14) Carbon disulfide	2.298	76	1271	0.068	ug/L #	89
21) 2-Butanone	3.982	43	149420	130.481	ug/L	88
25) Chloroform	4.375	83	5911	0.418	ug/L	99
27) 1,2-Dichloroethane	5.050	62	635	0.083	ug/L #	73
31) Carbon tetrachloride	4.828	117	2417522	206.278	ug/L	99
37) 1,2-Dichloropropane	6.072	63	3120	0.487	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	982	0.103	ug/L #	82
48) 2-Hexanone	8.156	43	3781	1.694	ug/L #	88
61) 1,2,3-Trichloropropane	11.249	75	5038	1.529	ug/L #	65
70) 1,2,4-trichlorobenzene	13.268	180	894	0.095	ug/L #	73
71) Naphthalene	13.506	128	2016	0.150	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.741	180	784	0.095	ug/L #	79

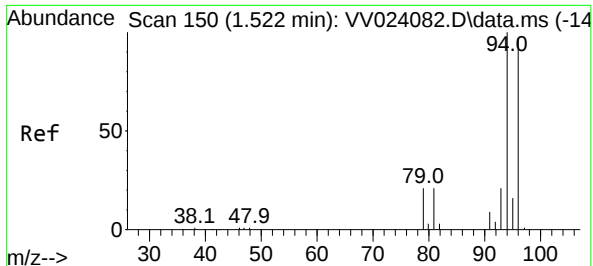
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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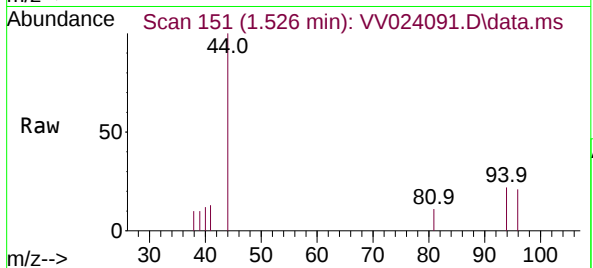
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 20 01:35:07 2021
Response via : Initial Calibration



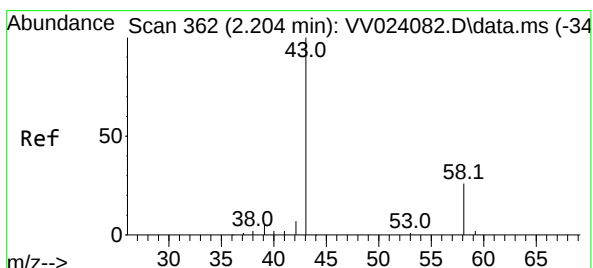
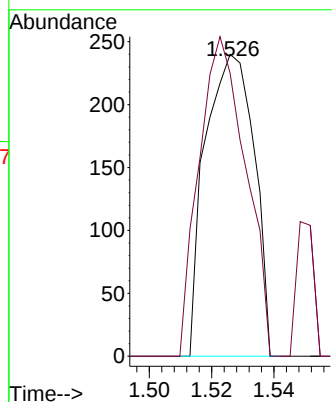
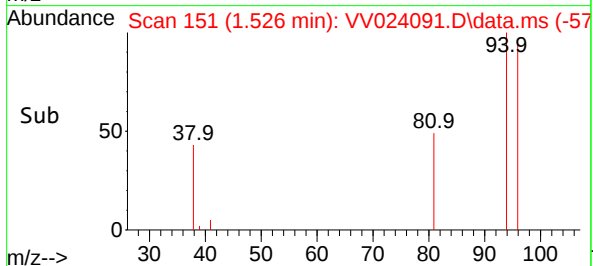


#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024091.D
Acq: 19 Dec 2021 16:16

Instrument :
MSVOA_V
ClientSampleId :

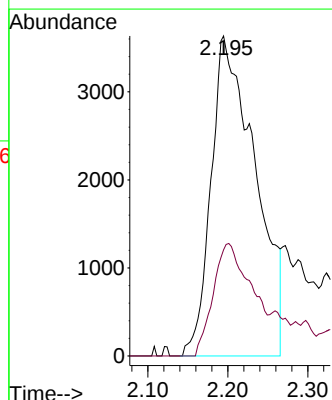
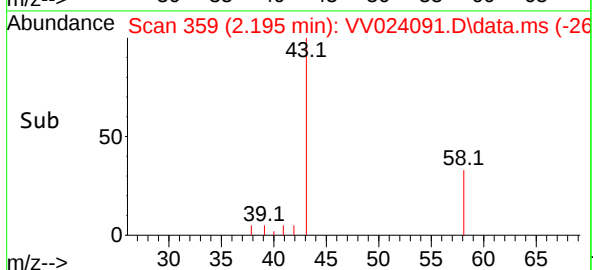
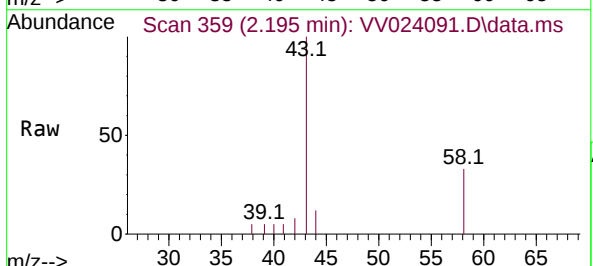


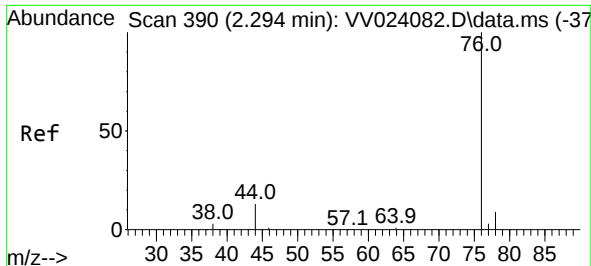
Tgt Ion: 94 Resp: 261
Ion Ratio Lower Upper
94 100
96 93.7 66.2 123.0



#13
Acetone
Concen: 17.418 ug/L
RT: 2.195 min Scan# 359
Delta R.T. -0.009 min
Lab File: VV024091.D
Acq: 19 Dec 2021 16:16

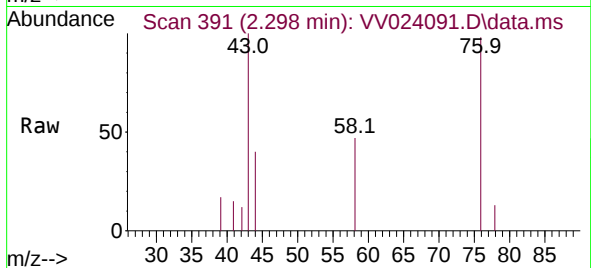
Tgt Ion: 43 Resp: 13960
Ion Ratio Lower Upper
43 100
58 30.3 0.0 41.4



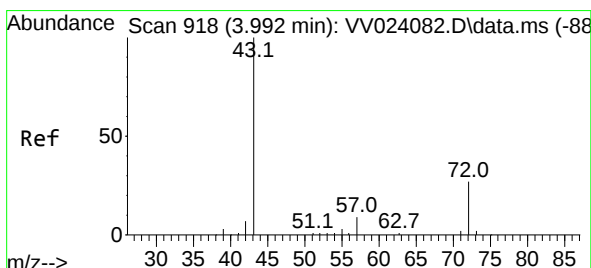
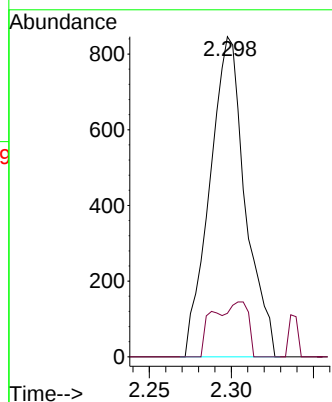
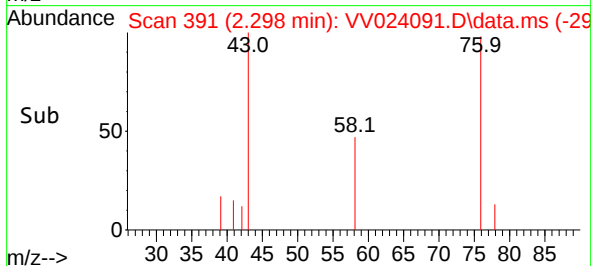


#14
Carbon disulfide
Concen: 0.068 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV024091.D
Acq: 19 Dec 2021 16:16

Instrument :
MSVOA_V
ClientSampleId :

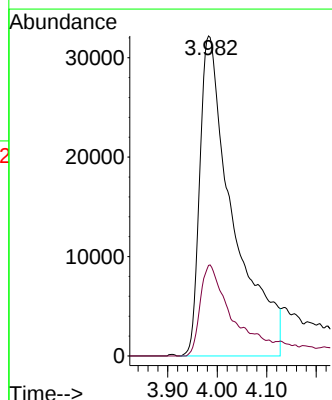
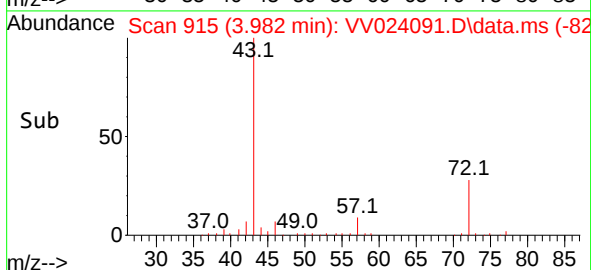
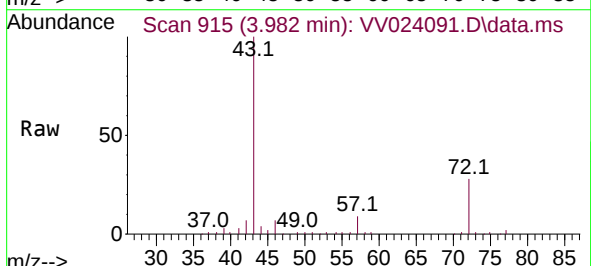


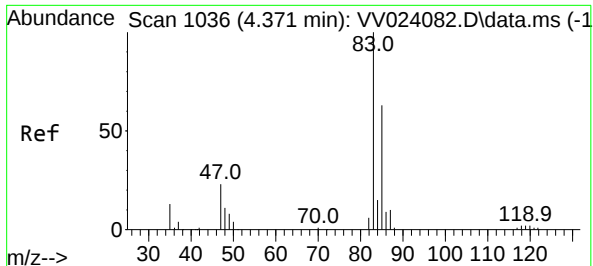
Tgt Ion: 76 Resp: 1271
Ion Ratio Lower Upper
76 100
78 13.6 7.5 11.3#



#21
2-Butanone
Concen: 130.481 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.009 min
Lab File: VV024091.D
Acq: 19 Dec 2021 16:16

Tgt Ion: 43 Resp: 149420
Ion Ratio Lower Upper
43 100
72 27.7 11.1 33.1

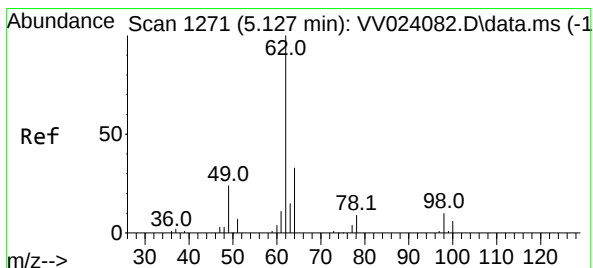
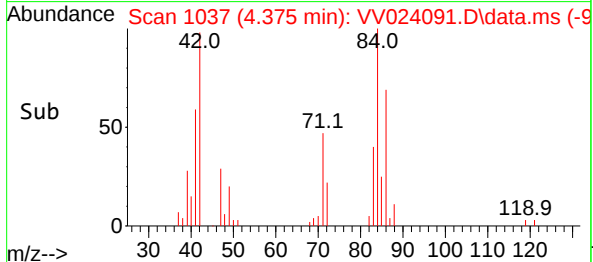
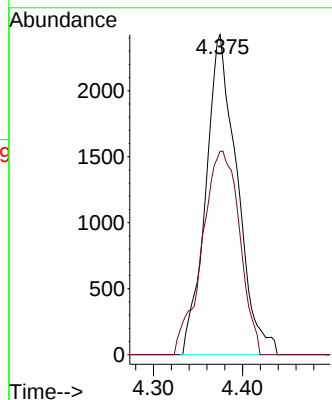
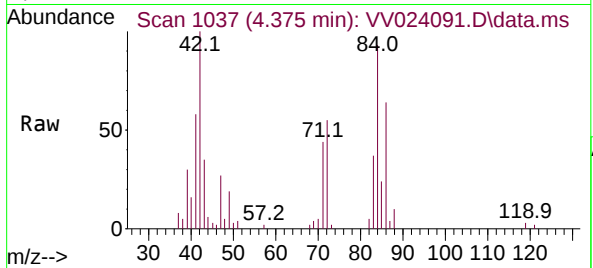




#25
Chloroform
Concen: 0.418 ug/L
RT: 4.375 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV024091.D
Acq: 19 Dec 2021 16:16

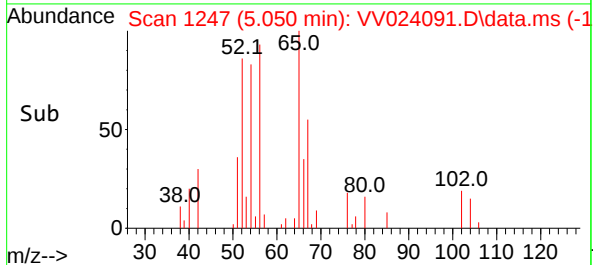
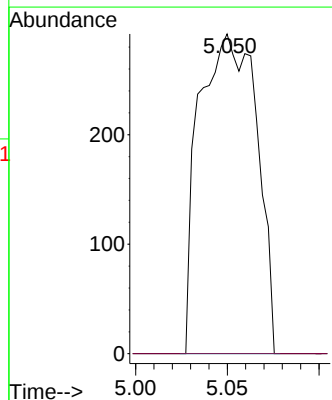
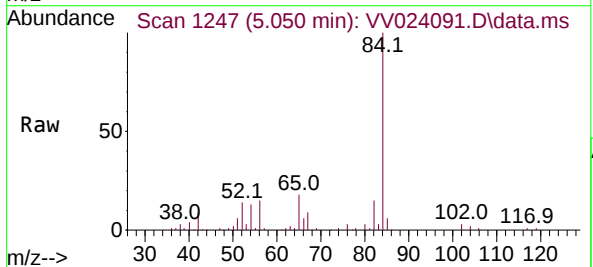
Instrument :
MSVOA_V
ClientSampleId :

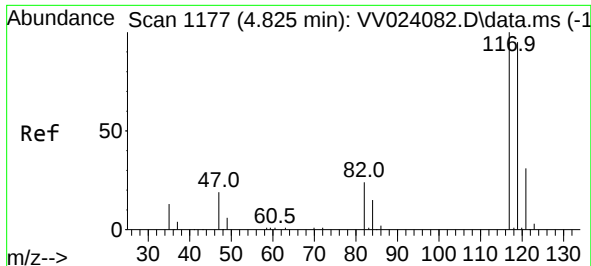
Tgt Ion: 83 Resp: 5911
Ion Ratio Lower Upper
83 100
85 63.5 45.2 84.0



#27
1,2-Dichloroethane
Concen: 0.083 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.077 min
Lab File: VV024091.D
Acq: 19 Dec 2021 16:16

Tgt Ion: 62 Resp: 635
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

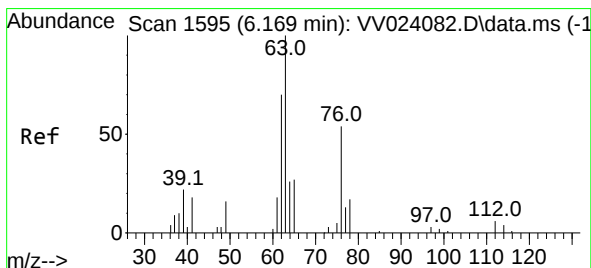
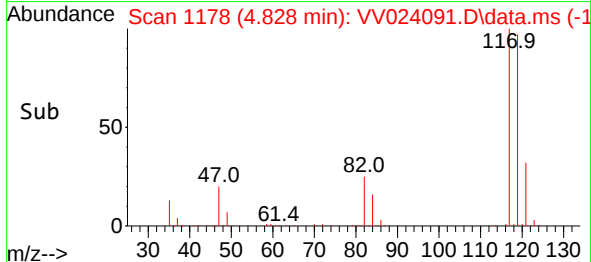
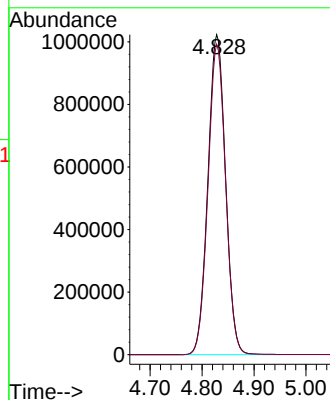
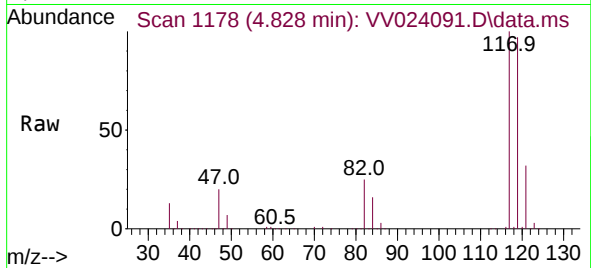




#31
Carbon tetrachloride
Concen: 206.278 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024091.D
Acq: 19 Dec 2021 16:16

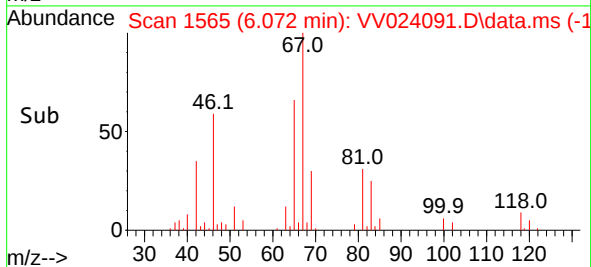
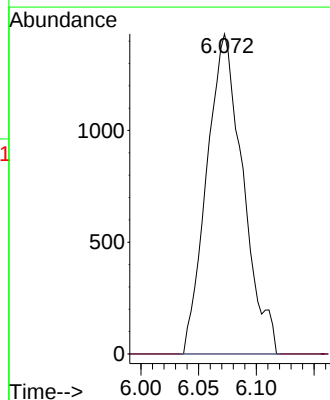
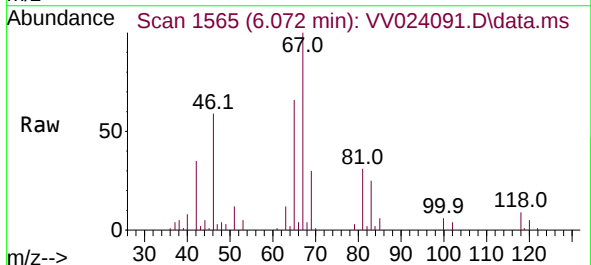
Instrument :
MSVOA_V
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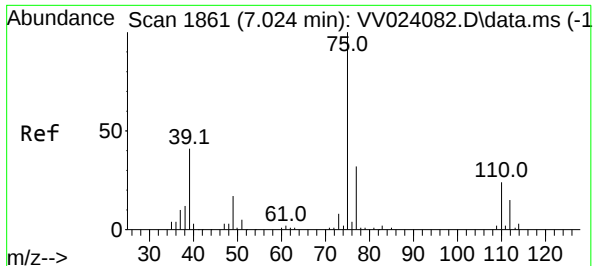
Tgt Ion:117 Resp: 2417522
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8



#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.096 min
Lab File: VV024091.D
Acq: 19 Dec 2021 16:16

Tgt Ion: 63 Resp: 3120
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024091.D

Acq: 19 Dec 2021 16:16

Instrument :

MSVOA_V

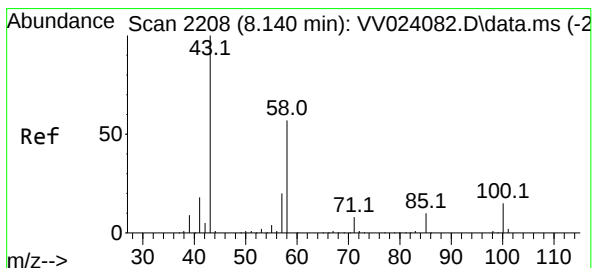
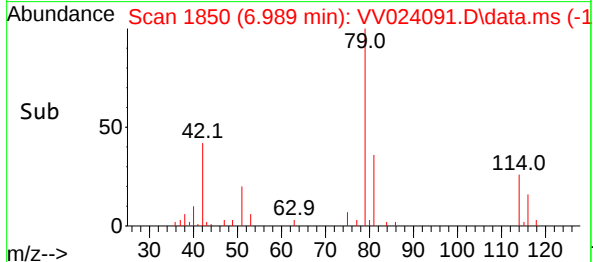
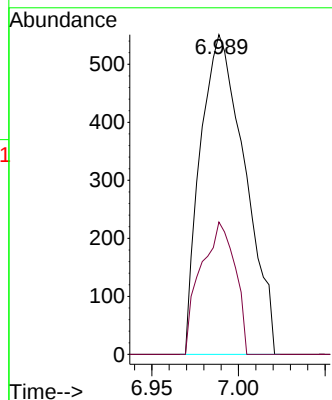
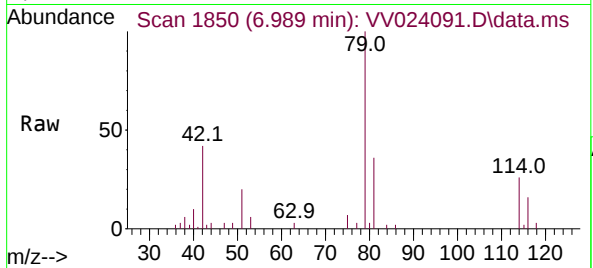
ClientSampleId :

Tgt Ion: 75 Resp: 982

Ion Ratio Lower Upper

75 100

77 41.4 22.0 41.0#



#48

2-Hexanone

Concen: 1.694 ug/L

RT: 8.156 min Scan# 2213

Delta R.T. 0.016 min

Lab File: VV024091.D

Acq: 19 Dec 2021 16:16

Tgt Ion: 43 Resp: 3781

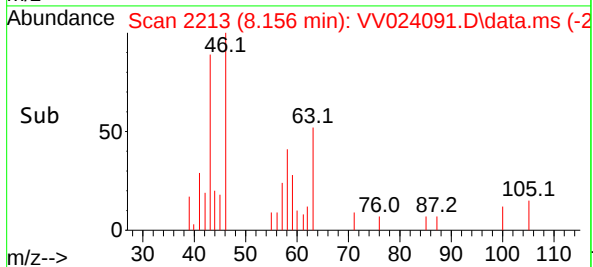
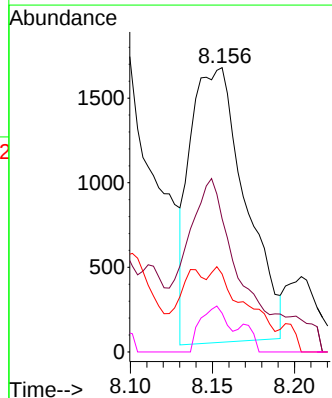
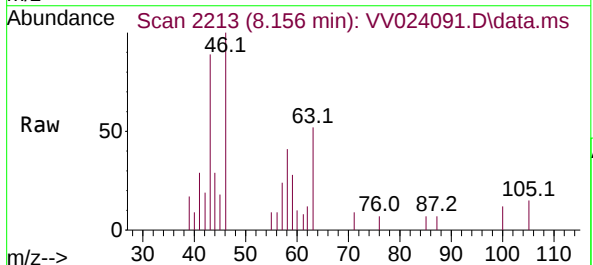
Ion Ratio Lower Upper

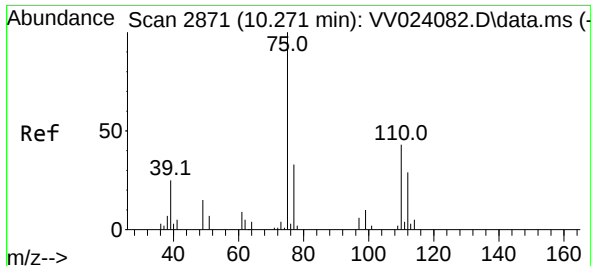
43 100

58 66.0 44.5 66.7

57 20.3 15.1 22.7

100 8.1 10.7 16.1#

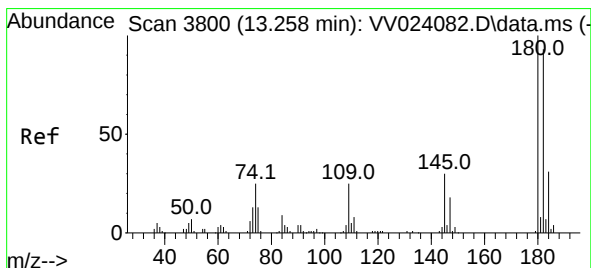
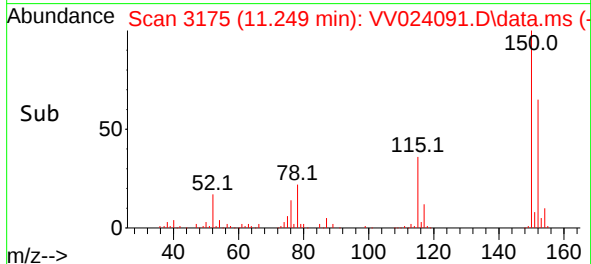
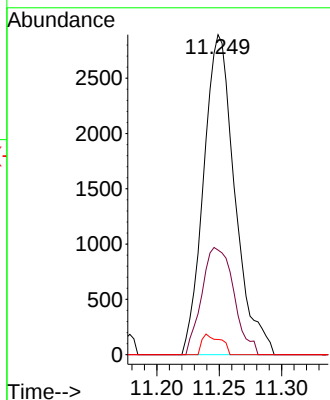
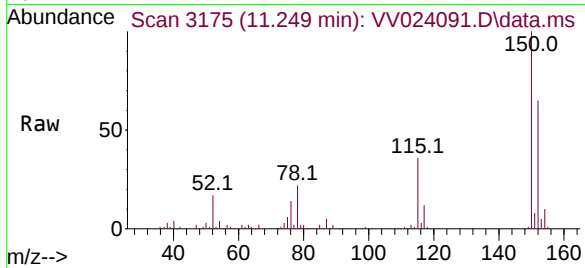




#61
 1,2,3-Trichloropropane
 Concen: 1.529 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.978 min
 Lab File: VV024091.D
 Acq: 19 Dec 2021 16:16

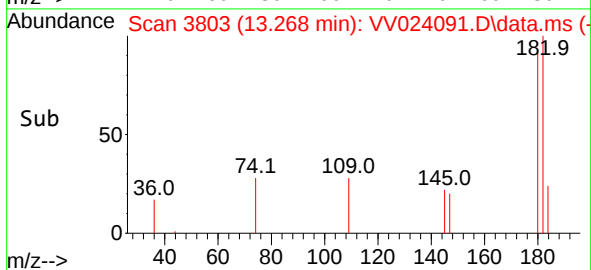
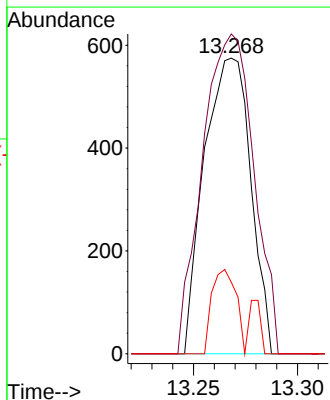
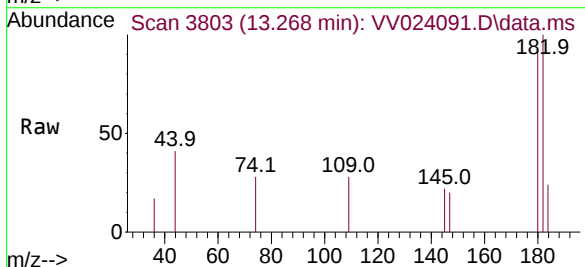
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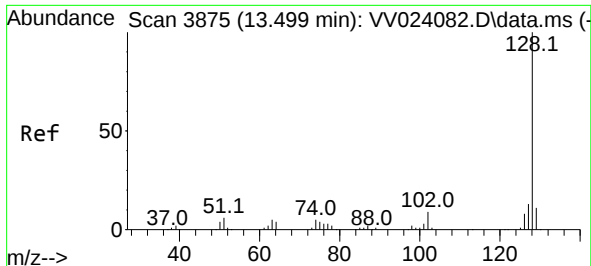
Tgt Ion: 75 Resp: 5038
 Ion Ratio Lower Upper
 75 100
 77 34.4 26.4 39.6
 110 3.8 34.2 51.2#



#70
 1,2,4-trichlorobenzene
 Concen: 0.095 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.010 min
 Lab File: VV024091.D
 Acq: 19 Dec 2021 16:16

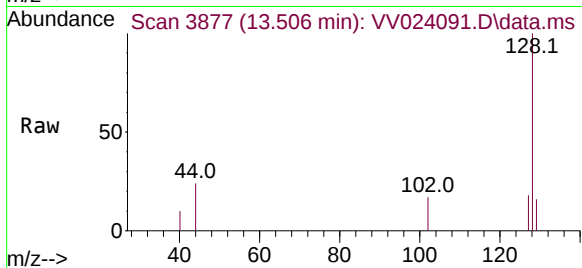
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 Ion Ratio Lower Upper
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 182 119.5 74.4 111.6#
 145 14.8 23.3 34.9#



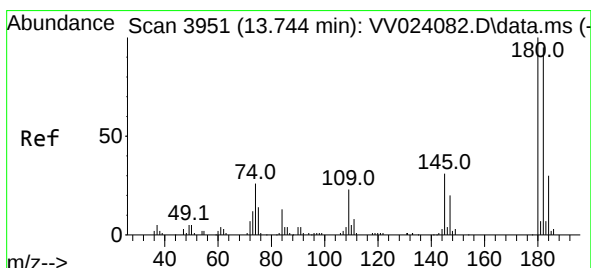
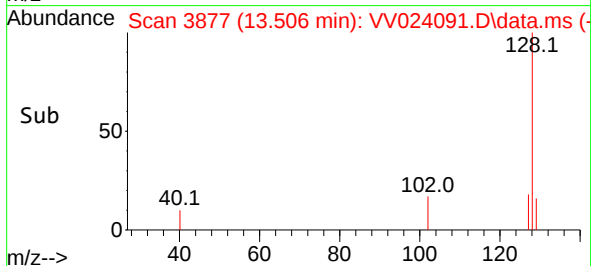
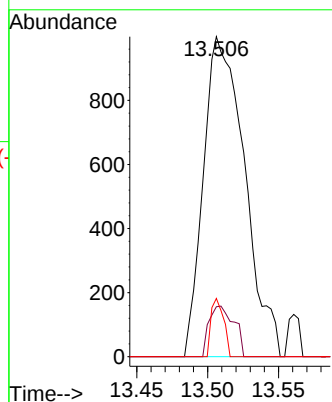


#71
Naphthalene
Concen: 0.150 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.007 min
Lab File: VV024091.D
Acq: 19 Dec 2021 16:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 2016
Ion Ratio Lower Upper
128 100
129 9.6 9.0 13.4
127 5.6 10.2 15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.095 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024091.D
Acq: 19 Dec 2021 16:16

Tgt Ion:180 Resp: 784
Ion Ratio Lower Upper
180 100
182 120.4 76.8 115.2#
145 27.9 25.8 38.6

