

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012323\
 Data File : VW029920.D
 Acq On : 23 Jan 2023 22:06
 Operator : SY/MD
 Sample : 01216-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9H0

Quant Time: Jan 24 01:37:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 24 01:33:02 2023
 Response via : Initial Calibration

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

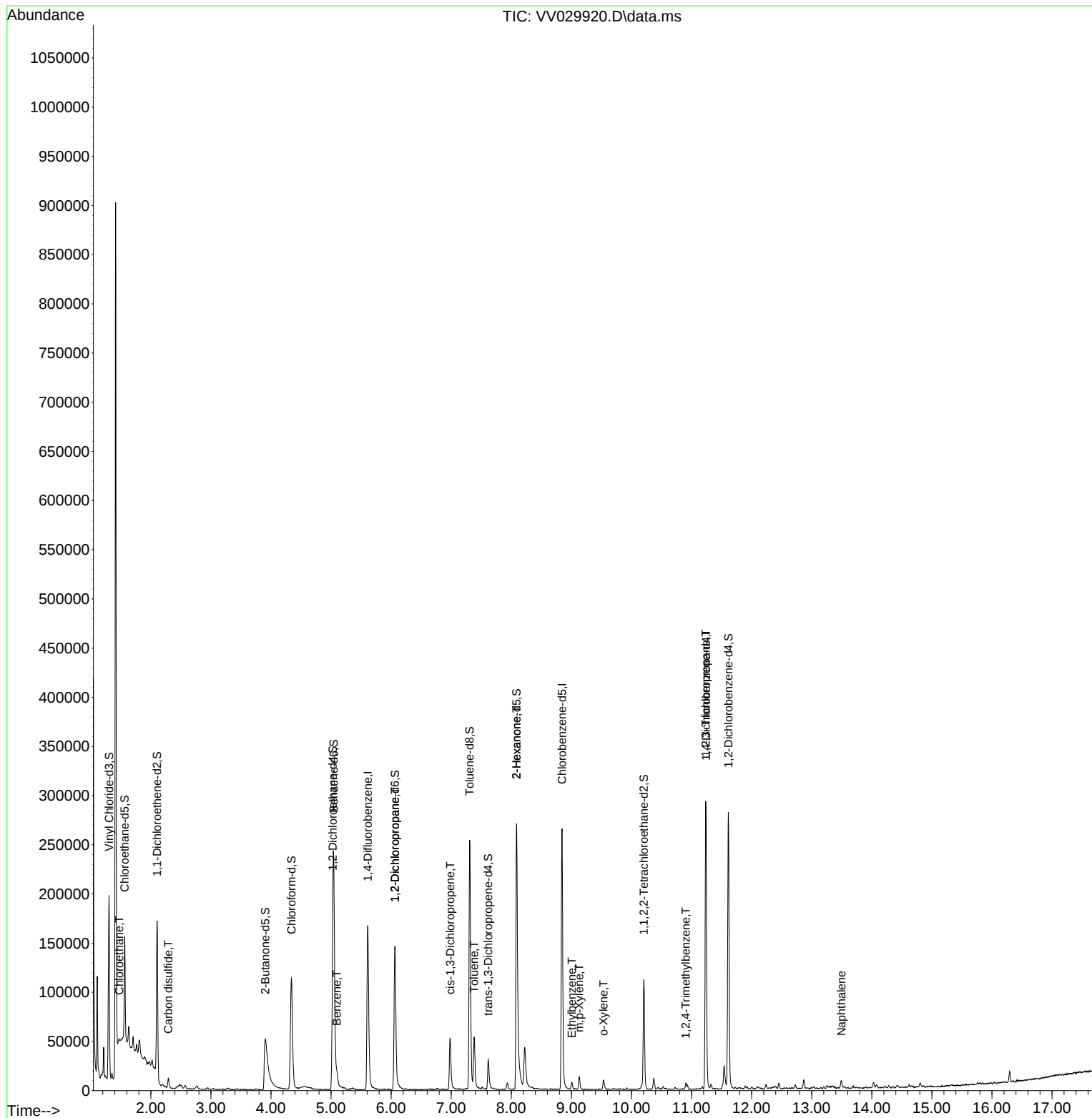
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	151557	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	155489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	79717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65957	5.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.800%
7) Chloroethane-d5	1.564	69	63176	6.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.600%#
11) 1,1-Dichloroethene-d2	2.105	63	86582	4.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.905	46	119772	58.784	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.560%
24) Chloroform-d	4.339	84	123129	5.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.800%
26) 1,2-Dichloroethane-d4	5.027	65	53655	6.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.200%
32) Benzene-d6	5.043	84	232675	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.063	67	78562	5.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.400%
41) Toluene-d8	7.307	98	180165	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.616	79	18537	3.760	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.088	63	105141	52.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.780%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	59382	6.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	76055	5.248	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.474	64	86887	9.837	ug/L #	51
14) Carbon disulfide	2.291	76	12349	0.331	ug/L	98
33) Benzene	5.095	78	15062	0.293	ug/L	100
37) 1,2-Dichloropropane	6.063	63	7721	0.641	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1522	0.094	ug/L #	47
42) Toluene	7.381	91	39191	0.707	ug/L	97
48) 2-Hexanone	8.088	43	12025	3.275	ug/L #	66
52) Ethylbenzene	9.005	91	5286	0.091	ug/L	100
53) m,p-Xylene	9.130	106	4082	0.178	ug/L	99
54) o-Xylene	9.535	106	2699	0.124	ug/L	94
61) 1,2,3-Trichloropropane	11.236	75	8904	1.508	ug/L #	62
63) 1,2,4-Trimethylbenzene	10.905	105	3573	0.082	ug/L	100
71) Naphthalene	13.493	128	6639	0.315	ug/L	98

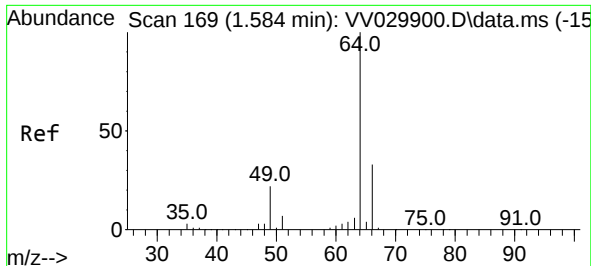
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 24 01:33:02 2023
Response via : Initial Calibration

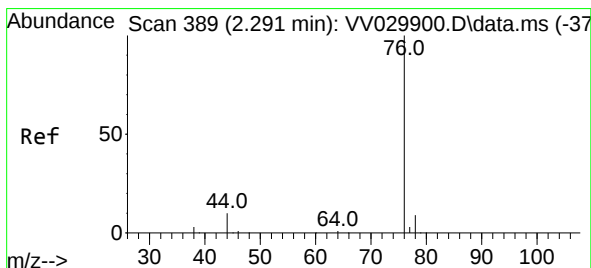
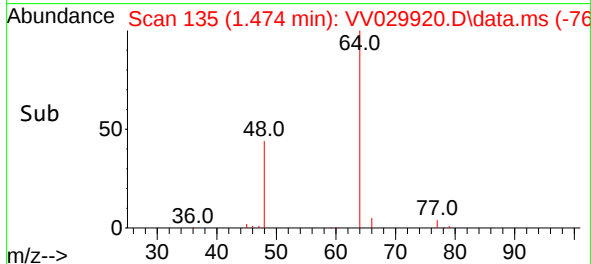
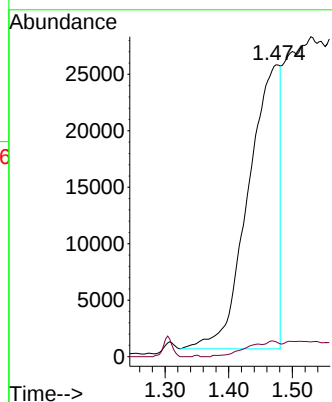
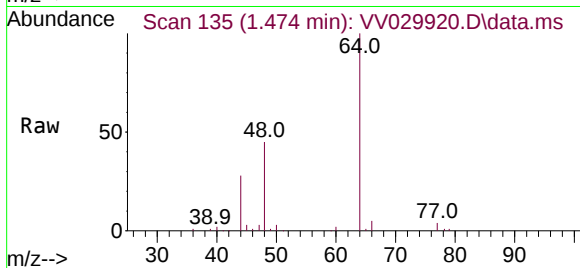




#8
Chloroethane
Concen: 9.837 ug/L
RT: 1.474 min Scan# 11
Delta R.T. -0.109 min
Lab File: VV029920.D
Acq: 23 Jan 2023 22:06

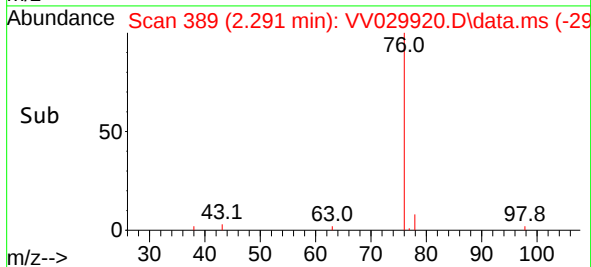
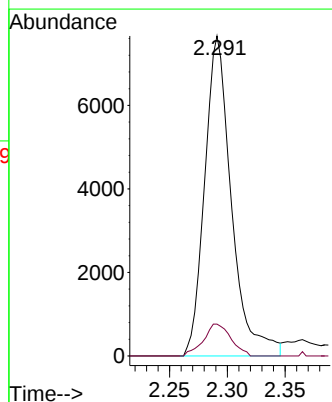
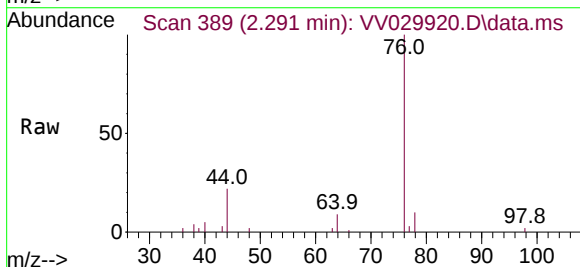
Instrument :
MSVOA_V
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EX9H0

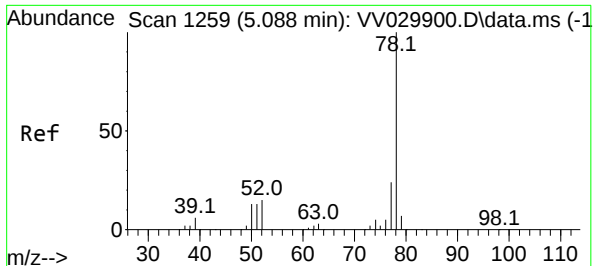
Tgt Ion: 64 Resp: 86887
Ion Ratio Lower Upper
64 100
66 5.1 22.9 42.5#



#14
Carbon disulfide
Concen: 0.331 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV029920.D
Acq: 23 Jan 2023 22:06

Tgt Ion: 76 Resp: 12349
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

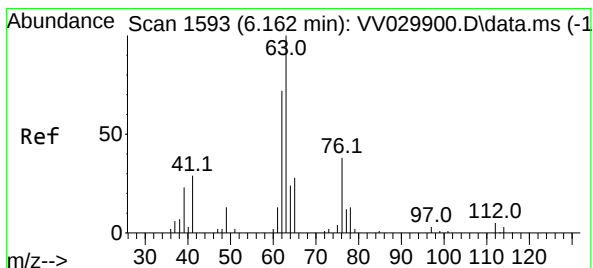
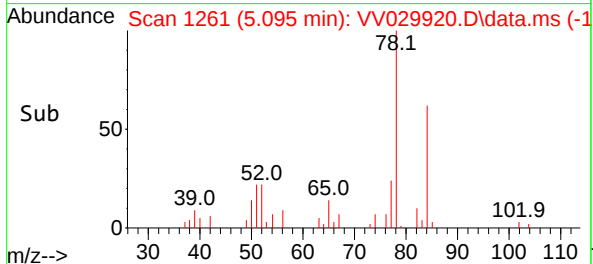
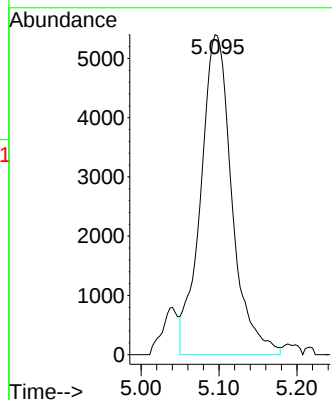
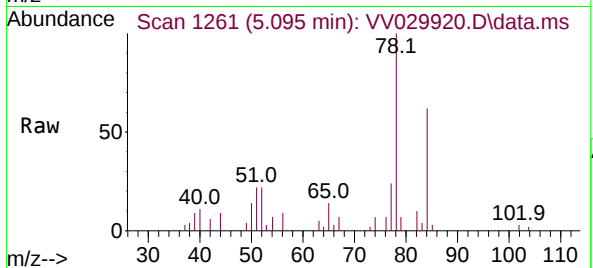




#33
Benzene
Concen: 0.293 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029920.D
Acq: 23 Jan 2023 22:06

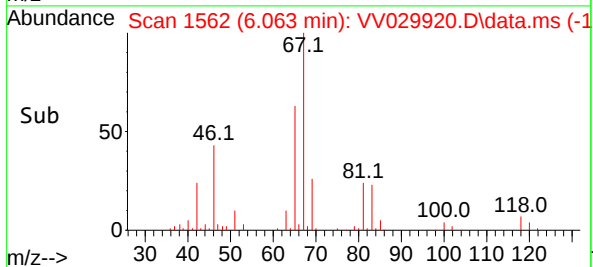
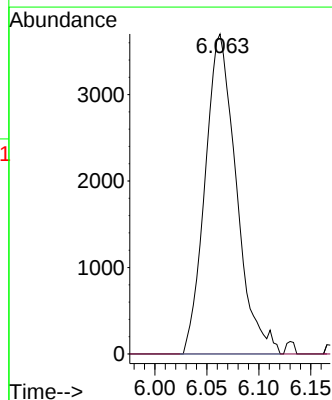
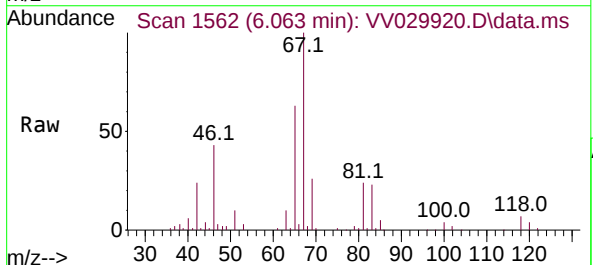
Instrument :
MSVOA_V
ClientSampleId :
EX9H0

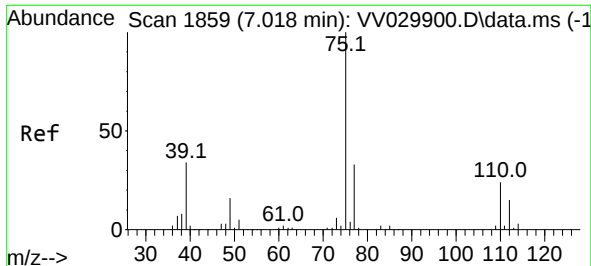
Tgt Ion: 78 Resp: 15062



#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.100 min
Lab File: VV029920.D
Acq: 23 Jan 2023 22:06

Tgt Ion: 63 Resp: 7721
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.035 min

Lab File: VV029920.D

Acq: 23 Jan 2023 22:06

Instrument :

MSVOA_V

ClientSampleId :

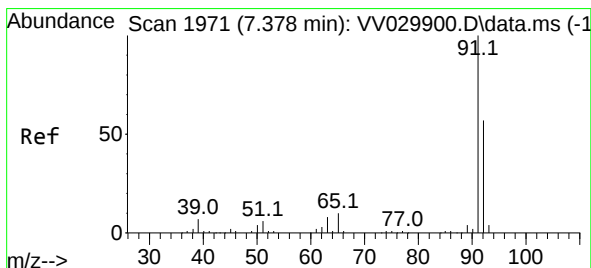
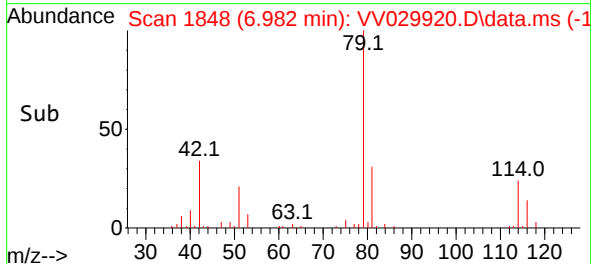
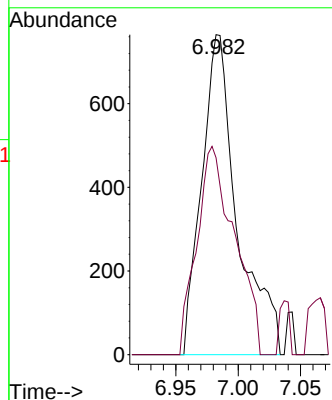
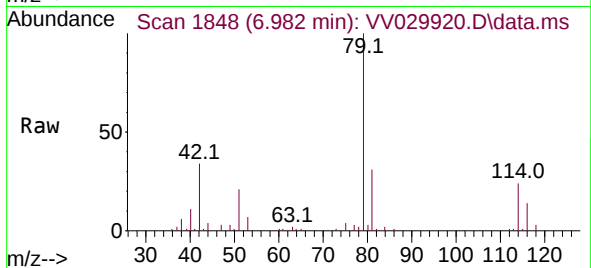
EX9H0

Tgt Ion: 75 Resp: 1522

Ion Ratio Lower Upper

75 100

77 61.6 22.4 41.6#



#42

Toluene

Concen: 0.707 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV029920.D

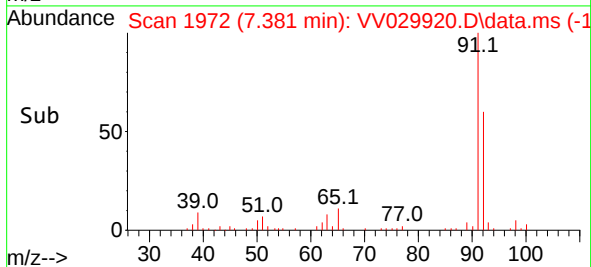
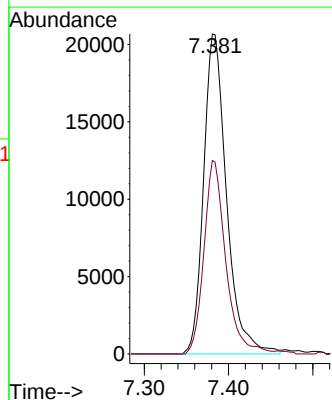
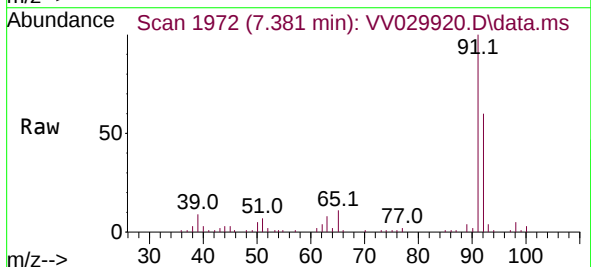
Acq: 23 Jan 2023 22:06

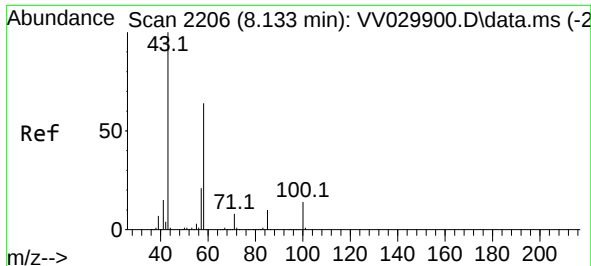
Tgt Ion: 91 Resp: 39191

Ion Ratio Lower Upper

91 100

92 60.5 40.6 75.4

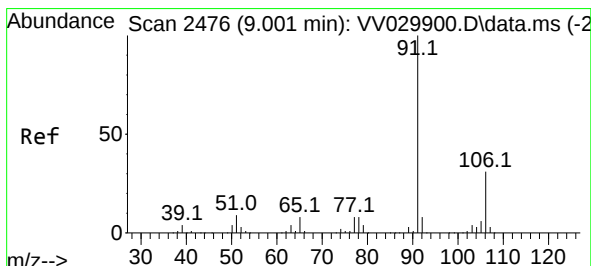
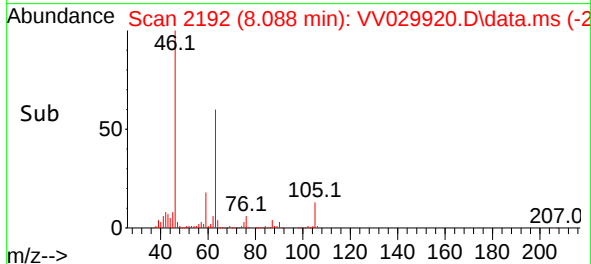
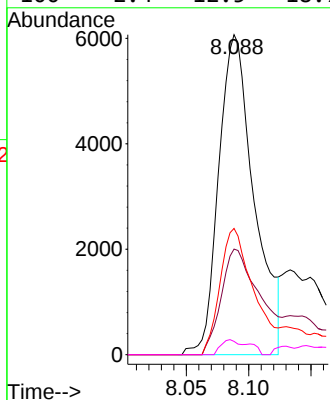
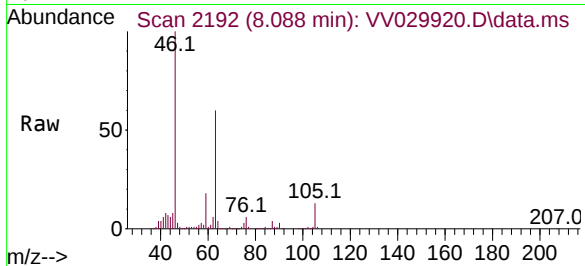




#48
2-Hexanone
Concen: 3.275 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.045 min
Lab File: VV029920.D
Acq: 23 Jan 2023 22:06

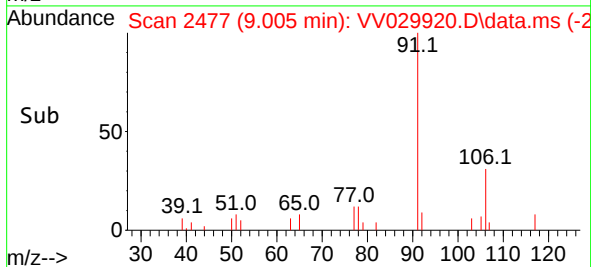
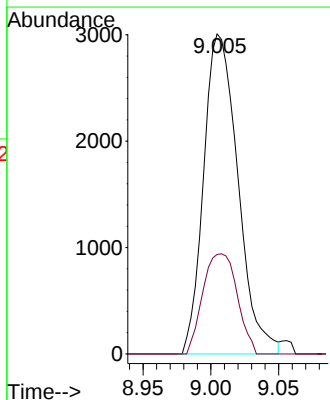
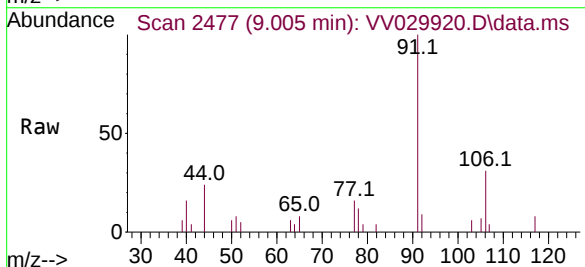
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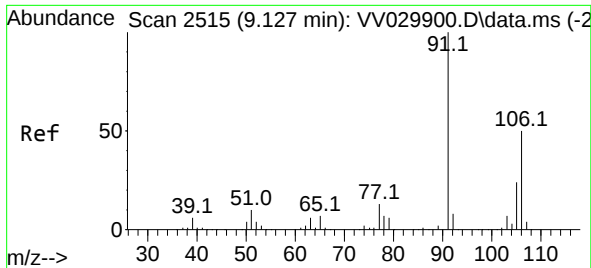
Tgt Ion: 43	Resp: 12025
Ion Ratio	Lower Upper
43 100	
58 36.7	51.4 77.2#
57 37.5	17.0 25.6#
100 2.4	12.5 18.7#



#52
Ethylbenzene
Concen: 0.091 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV029920.D
Acq: 23 Jan 2023 22:06

Tgt Ion: 91	Resp: 5286		
Ion Ratio	Lower	Upper	
91 100			
106 31.1	21.9	40.7	

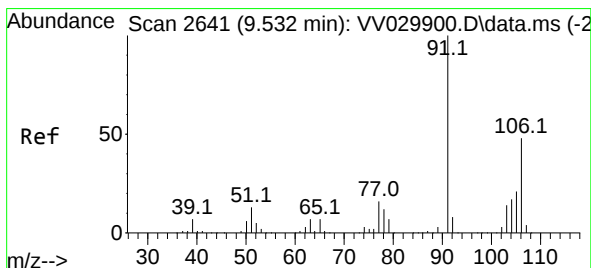
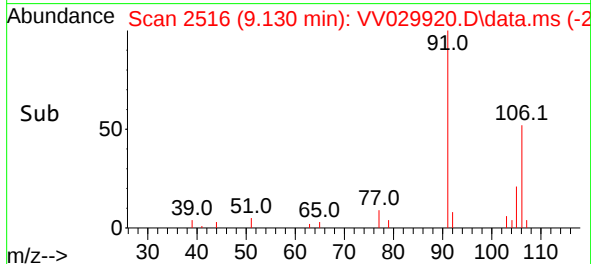
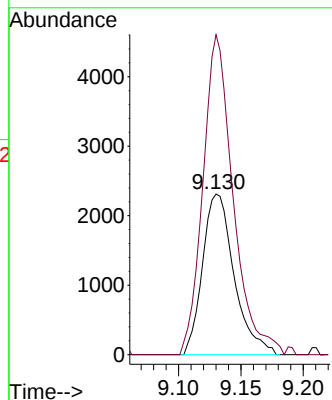
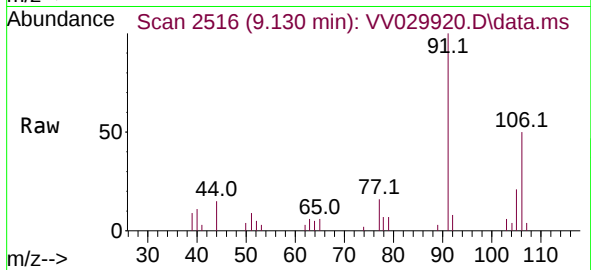




#53
m,p-Xylene
Concen: 0.178 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.003 min
Lab File: VV029920.D
Acq: 23 Jan 2023 22:06

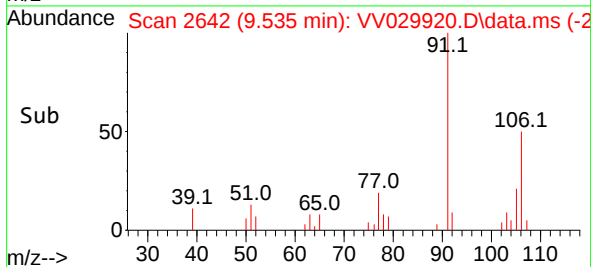
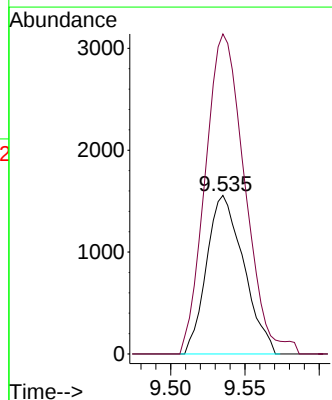
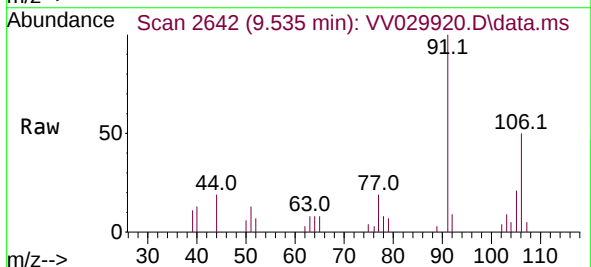
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EX9H0

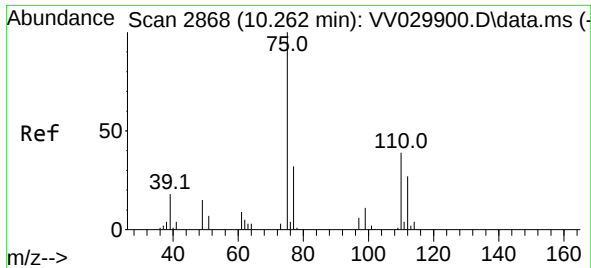
Tgt Ion:106 Resp: 4082
Ion Ratio Lower Upper
106 100
91 199.3 138.7 257.7



#54
o-Xylene
Concen: 0.124 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029920.D
Acq: 23 Jan 2023 22:06

Tgt Ion:106 Resp: 2699
Ion Ratio Lower Upper
106 100
91 201.9 147.7 274.3

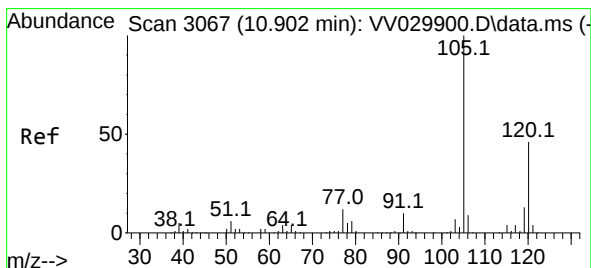
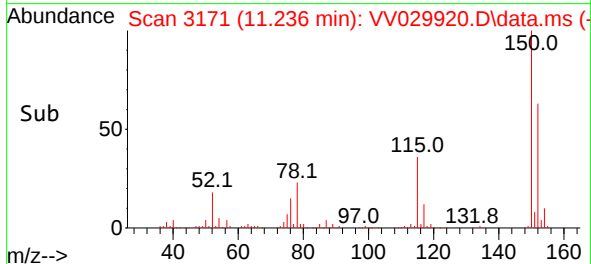
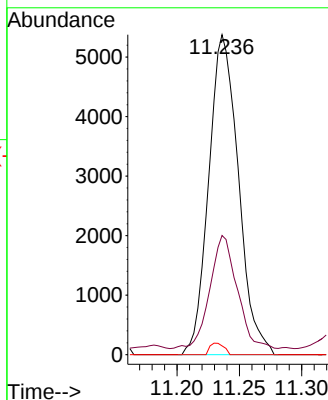
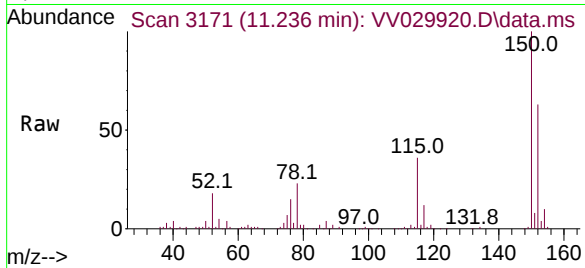




#61
1,2,3-Trichloropropane
Concen: 1.508 ug/L
RT: 11.236 min Scan# 31171
Delta R.T. 0.974 min
Lab File: VV029920.D
Acq: 23 Jan 2023 22:06

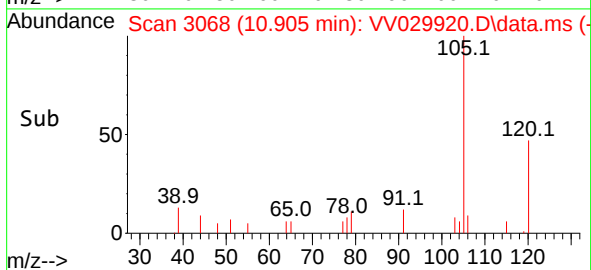
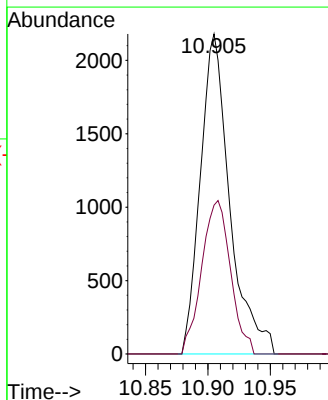
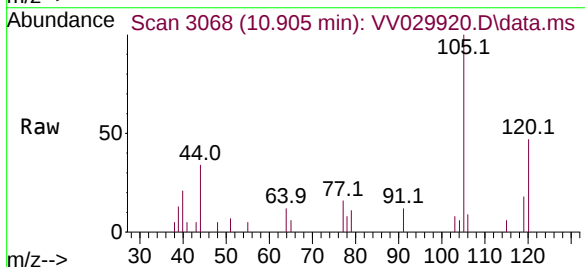
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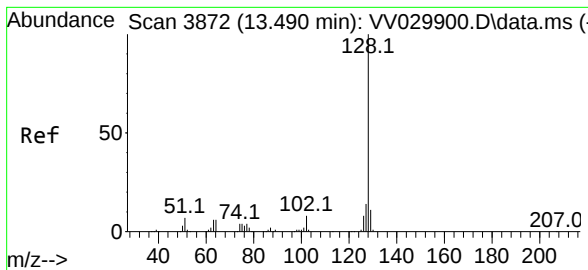
Tgt Ion: 75 Resp: 8904
Ion Ratio Lower Upper
75 100
77 38.4 26.5 39.7
110 1.7 31.8 47.8#



#63
1,2,4-Trimethylbenzene
Concen: 0.082 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.003 min
Lab File: VV029920.D
Acq: 23 Jan 2023 22:06

Tgt Ion: 105 Resp: 3573
Ion Ratio Lower Upper
105 100
120 47.0 37.4 56.0





#71

Naphthalene

Concen: 0.315 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029920.D

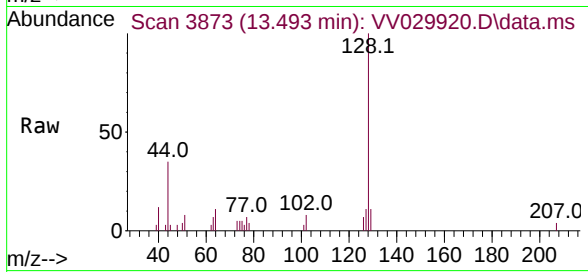
Acq: 23 Jan 2023 22:06

Instrument :

MSVOA_V

ClientSampleId :

EX9H0



Tgt Ion:128 Resp: 6639

Ion Ratio Lower Upper

128 100

129 12.1 8.6 12.8

127 12.9 10.0 15.0

