

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029519.D
 Acq On : 09 Dec 2022 14:23
 Operator : SY/MD
 Sample : N5920-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EN4

Quant Time: Dec 09 23:51:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 09 23:48:53 2022
 Response via : Initial Calibration

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

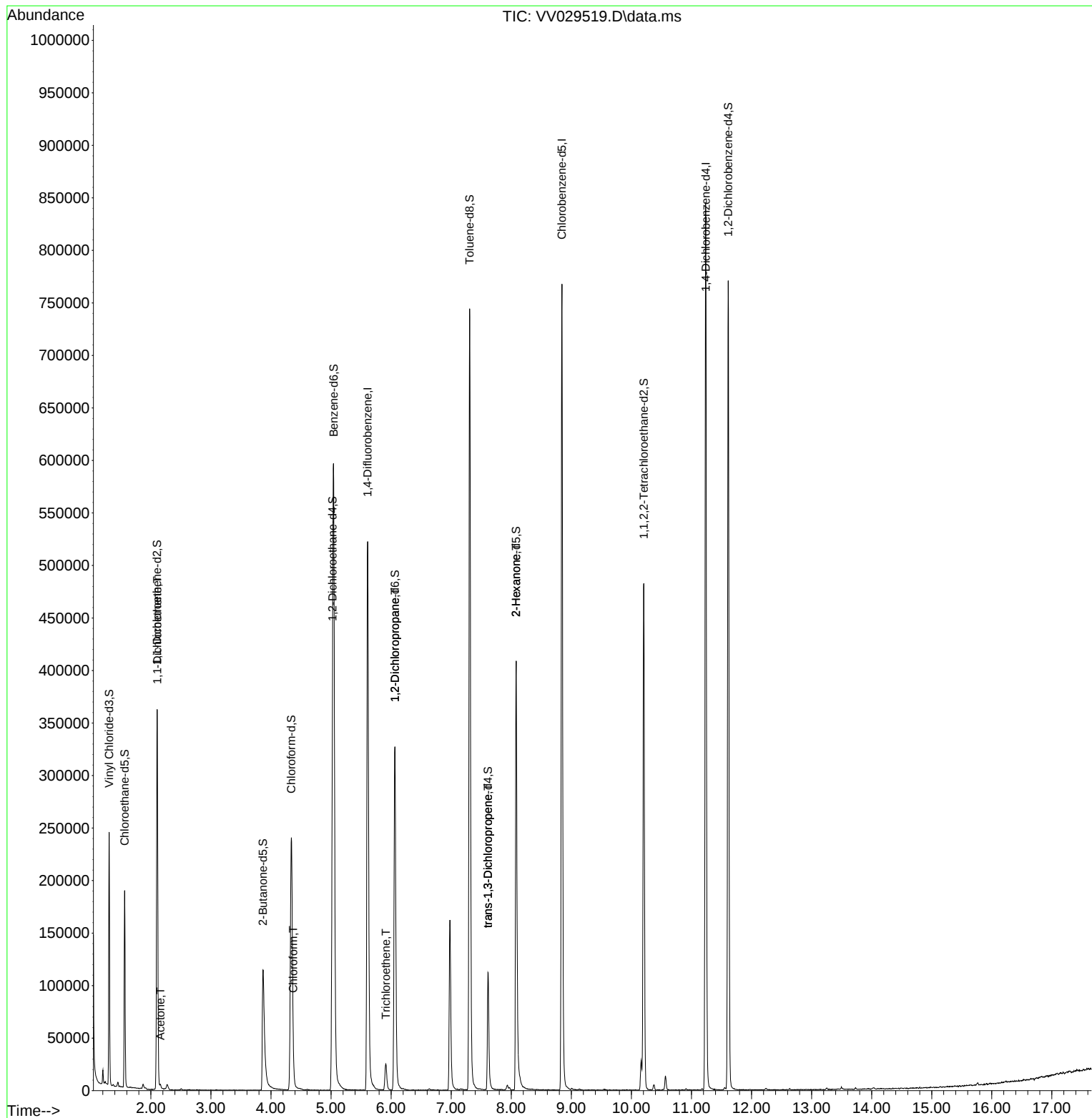
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	485835	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	443081	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	227730	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	151430	50.900	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	101.800%	
7) Chloroethane-d5	1.564	69	119550	52.699	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	105.400%	
11) 1,1-Dichloroethene-d2	2.104	63	185213	39.914	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	79.820%	
21) 2-Butanone-d5	3.866	46	181707	100.122	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	100.120%	
24) Chloroform-d	4.339	84	261980	46.795	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.580%	
26) 1,2-Dichloroethane-d4	5.024	65	158878	49.688	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.380%	
32) Benzene-d6	5.043	84	579347	49.484	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.960%	
36) 1,2-Dichloropropane-d6	6.063	67	173691	48.569	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	97.140%	
41) Toluene-d8	7.307	98	524311	47.530	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	95.060%	
43) trans-1,3-Dichloroprop...	7.612	79	70866	39.243	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	78.480%	
47) 2-Hexanone-d5	8.082	63	157586	103.193	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	103.190%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	241352	47.228	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	94.460%	
66) 1,2-Dichlorobenzene-d4	11.612	152	207601	47.888	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	95.780%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	2771	1.067	ug/L #	1
13) Acetone	2.159	43	3328	2.815	ug/L	93
25) Chloroform	4.371	83	4742	0.892	ug/L	89
34) Trichloroethene	5.911	95	8856	2.830	ug/L	98
37) 1,2-Dichloropropane	6.063	63	17342	5.753	ug/L #	85
44) trans-1,3-Dichloropropene	7.612	75	2950	0.628	ug/L #	75
48) 2-Hexanone	8.082	43	14756	5.374	ug/L #	61

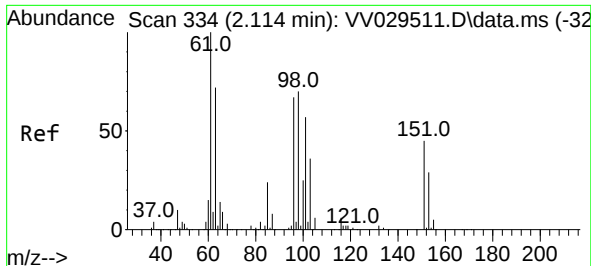
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 09 23:48:53 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.067 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV029519.D

Acq: 09 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

C0EN4

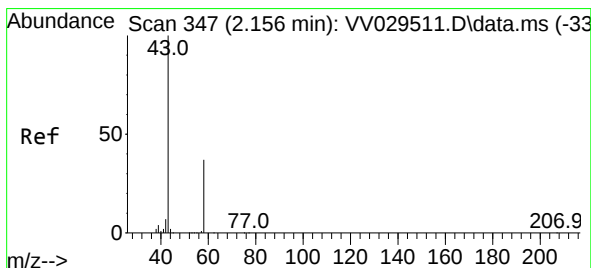
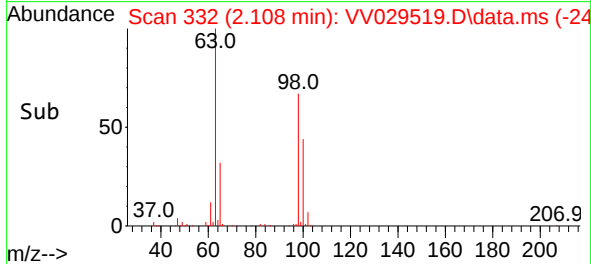
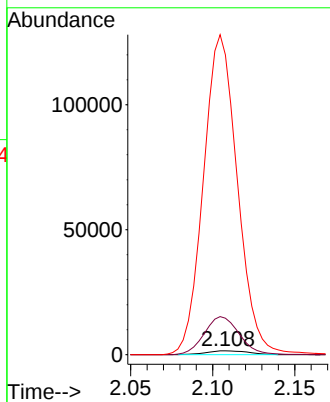
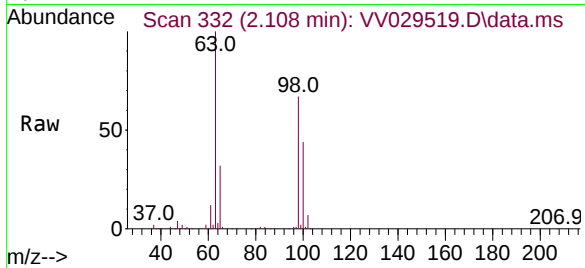
Tgt Ion: 96 Resp: 2771

Ion Ratio Lower Upper

96 100

61 939.0 103.3 191.9#

63 7703.5 77.3 143.7#



#13

Acetone

Concen: 2.815 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.003 min

Lab File: VV029519.D

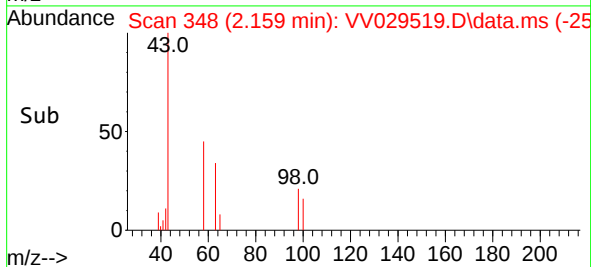
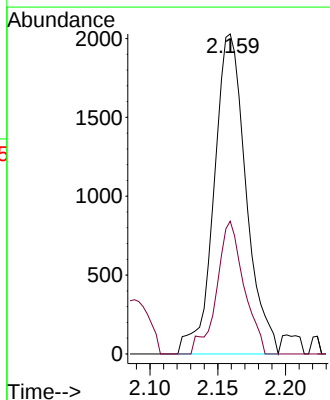
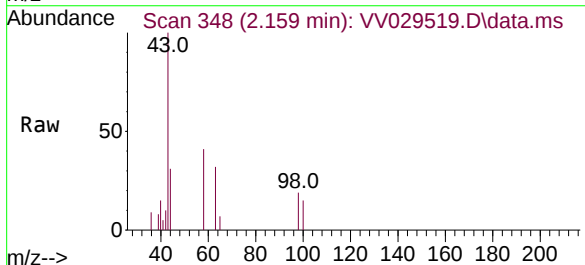
Acq: 09 Dec 2022 14:23

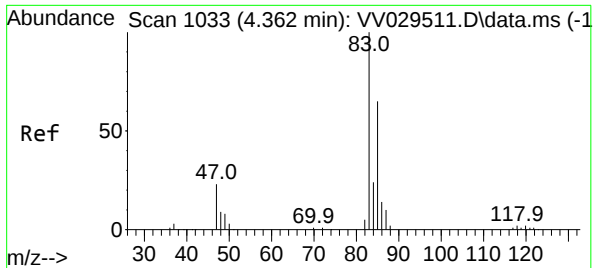
Tgt Ion: 43 Resp: 3328

Ion Ratio Lower Upper

43 100

58 33.3 0.0 74.8





#25

Chloroform

Concen: 0.892 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.009 min

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Acq: 09 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

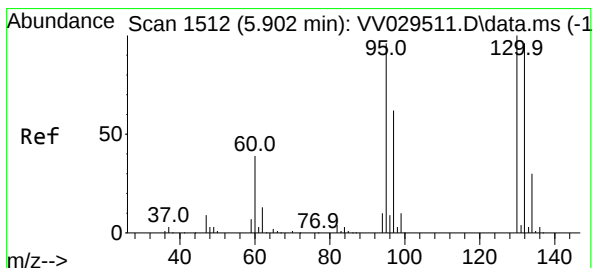
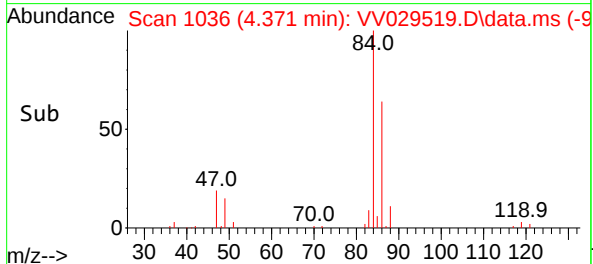
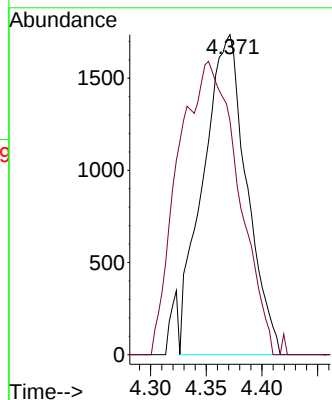
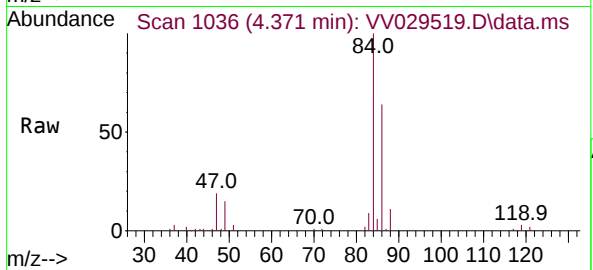
C0EN4

Tgt Ion: 83 Resp: 4742

Ion Ratio Lower Upper

83 100

85 73.1 45.1 83.9



#34

Trichloroethene

Concen: 2.830 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. 0.009 min

Lab File: VV029519.D

Acq: 09 Dec 2022 14:23

Tgt Ion: 95 Resp: 8856

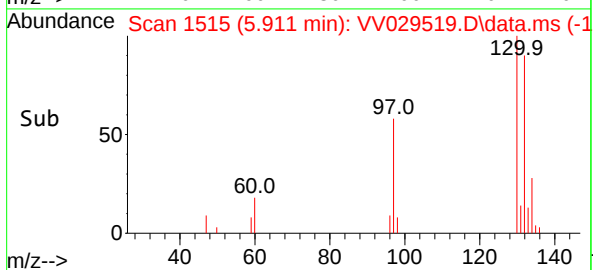
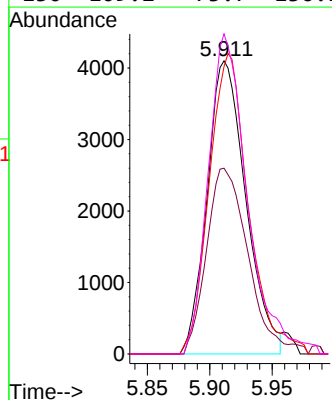
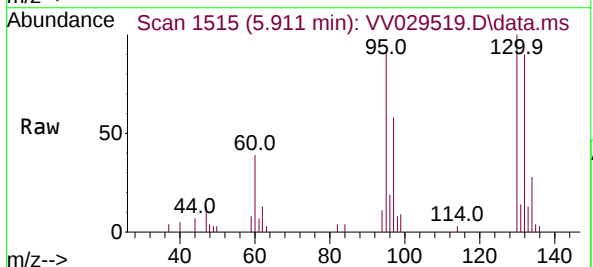
Ion Ratio Lower Upper

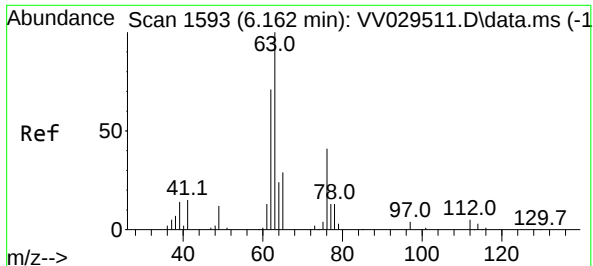
95 100

97 63.4 44.0 81.8

132 98.1 69.9 129.9

130 109.2 73.7 136.9





#37

1,2-Dichloropropane

Concen: 5.753 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029519.D

Acq: 09 Dec 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

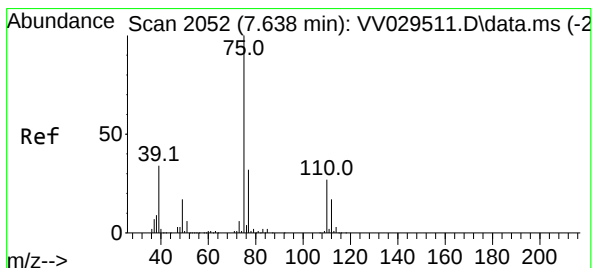
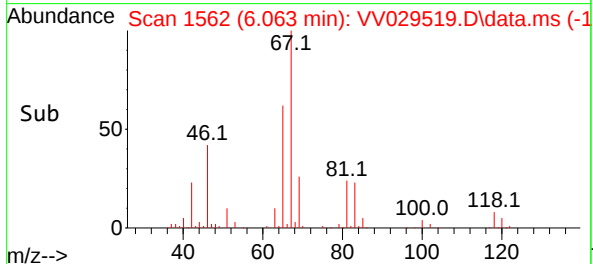
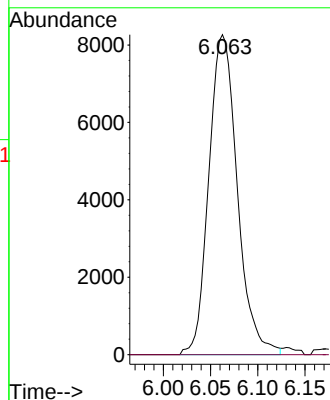
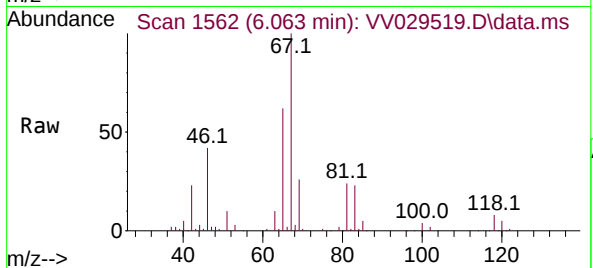
C0EN4

Tgt Ion: 63 Resp: 17342

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#44

trans-1,3-Dichloropropene

Concen: 0.628 ug/L

RT: 7.612 min Scan# 2044

Delta R.T. -0.026 min

Lab File: VV029519.D

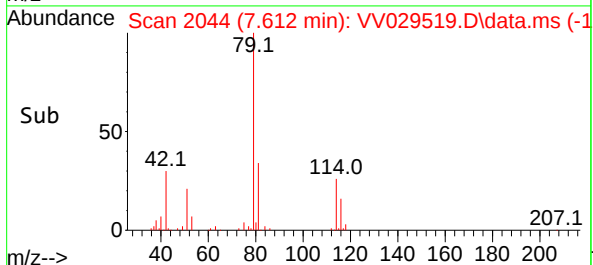
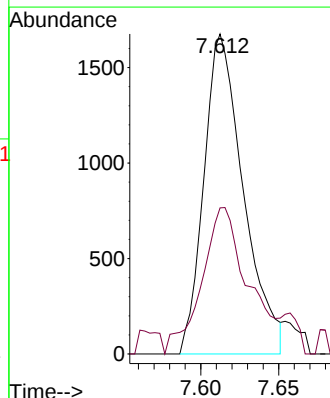
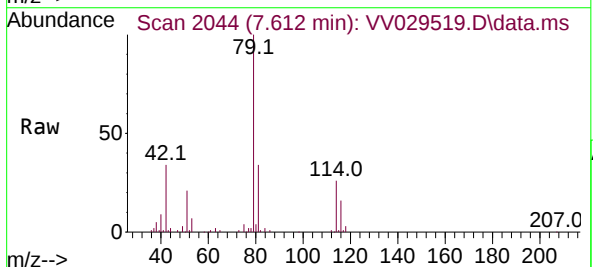
Acq: 09 Dec 2022 14:23

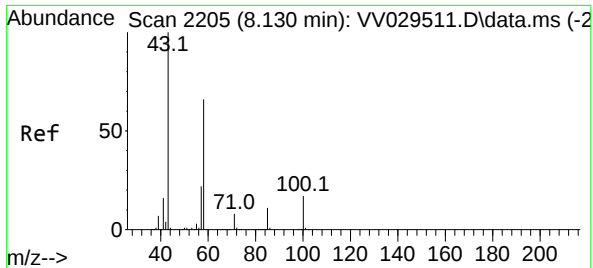
Tgt Ion: 75 Resp: 2950

Ion Ratio Lower Upper

75 100

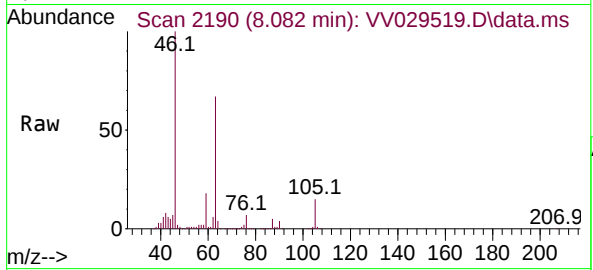
77 45.6 22.3 41.5#





#48
 2-Hexanone
 Concen: 5.374 ug/L
 RT: 8.082 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV029519.D
 Acq: 09 Dec 2022 14:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EN4



Tgt Ion: 43	Resp:	14756
Ion	Ratio	Lower Upper
43	100	
58	30.6	54.1 81.1#
57	29.3	17.4 26.0#
100	0.0	13.6 20.4#

