

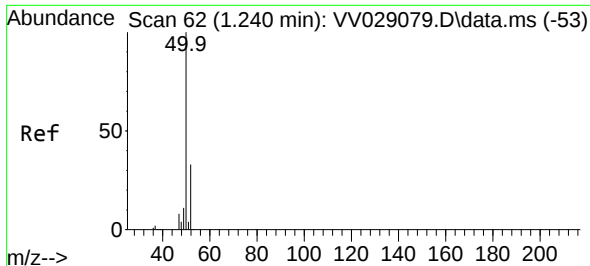
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
 Data File : VV029092.D
 Acq On : 18 Nov 2022 03:00
 Operator : SY/MD
 Sample : N5648-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E8

Quant Time: Nov 18 06:03:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	256363	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	240266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	115181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62069	3.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.568	69	50535	3.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.105	63	85028	2.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	3.896	46	146232	55.894	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.780%
24) Chloroform-d	4.342	84	150831	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.031	65	69929	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.047	84	309745	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.066	67	90732	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.310	98	287976	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	25938	3.971	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.088	63	121799	43.688	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.380%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	68873	4.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	110867	5.380	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	3561	0.201	ug/L	94
5) Vinyl chloride	1.310	62	311363	15.390	ug/L	95
6) Bromomethane	1.523	94	640	0.053	ug/L	77
8) Chloroethane	1.407	64	267393	22.492	ug/L #	52
14) Carbon disulfide	2.294	76	4135	0.075	ug/L #	86
15) Methyl Acetate	2.490	43	2154	0.527	ug/L #	44
17) Methyl tert-butyl Ether	2.764	73	71883	2.160	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	22980	1.277	ug/L	95
19) 1,1-Dichloroethane	3.188	63	13026	0.443	ug/L #	95
22) cis-1,2-Dichloroethene	3.908	96	9270	0.507	ug/L	96
33) Benzene	5.104	78	29585	0.403	ug/L	100
35) Methylcyclohexane	6.066	83	22395	0.678	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9466	0.559	ug/L #	87
61) 1,2,3-Trichloropropane	11.239	75	11768	1.495	ug/L #	64

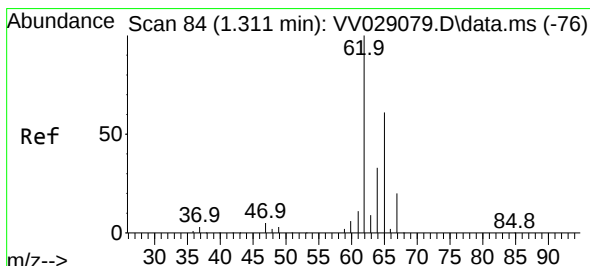
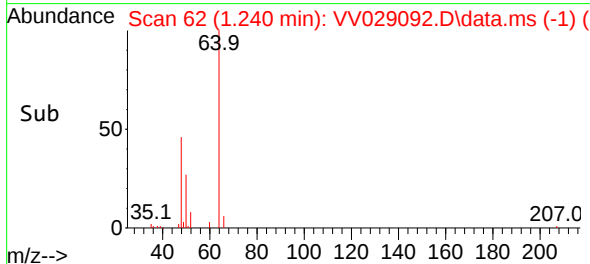
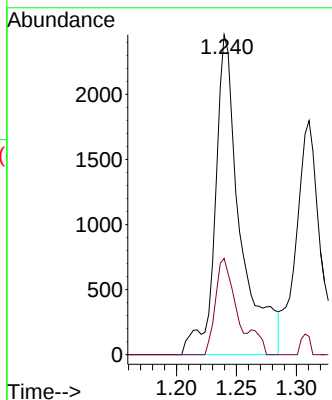
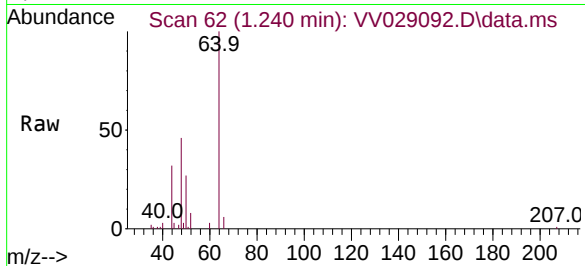
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.201 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029092.D
Acq: 18 Nov 2022 03:00

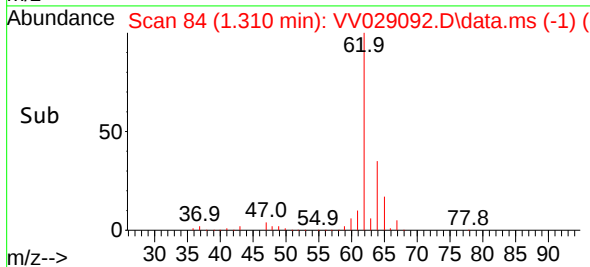
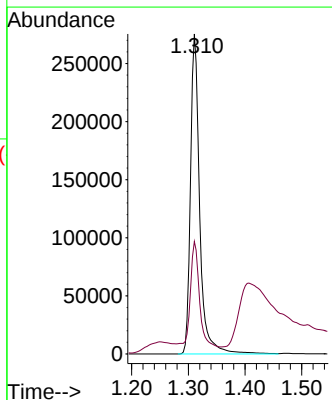
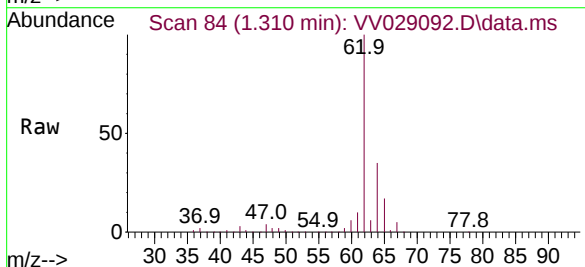
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MSVOA_V
ClientSampleId :
H46E8

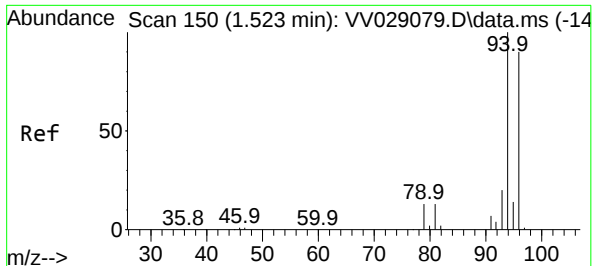
Tgt Ion: 50 Resp: 3561
Ion Ratio Lower Upper
50 100
52 30.1 23.7 43.9



#5
Vinyl chloride
Concen: 15.390 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029092.D
Acq: 18 Nov 2022 03:00

Tgt Ion: 62 Resp: 311363
Ion Ratio Lower Upper
62 100
64 35.2 22.8 42.4

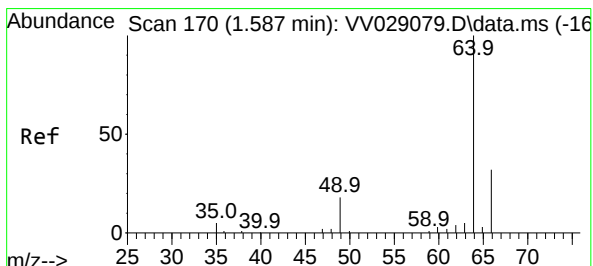
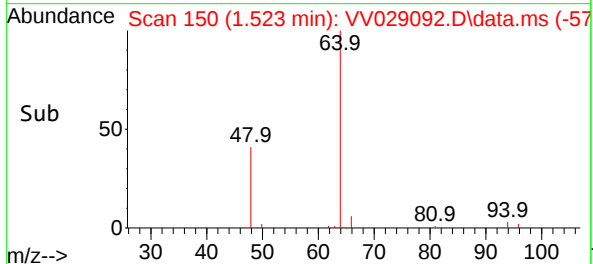
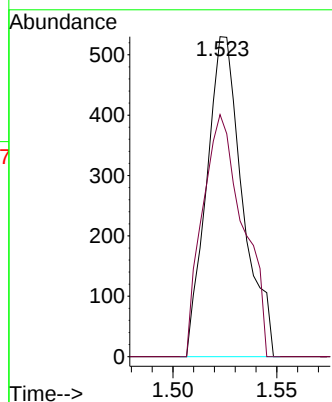
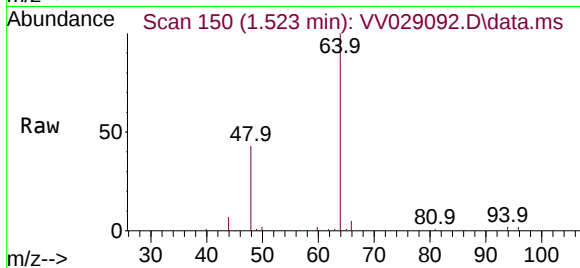




#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029092.D
Acq: 18 Nov 2022 03:00

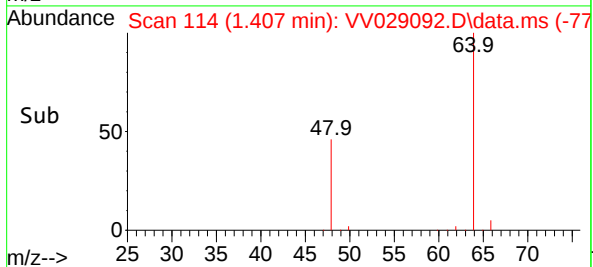
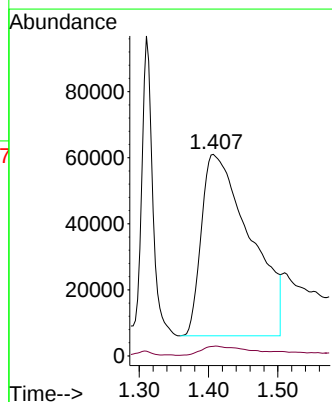
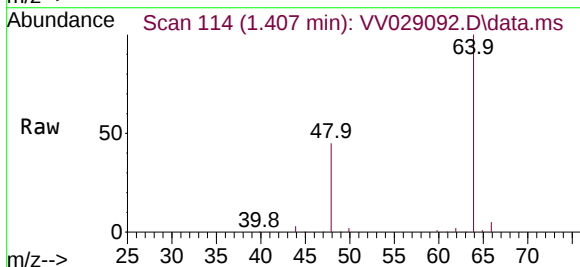
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ClientSampleId :
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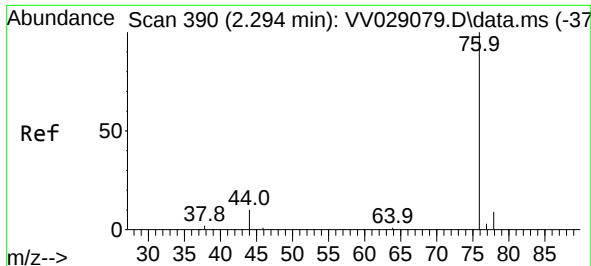
Tgt Ion: 94 Resp: 640
Ion Ratio Lower Upper
94 100
96 75.7 68.5 127.3



#8
Chloroethane
Concen: 22.492 ug/L
RT: 1.407 min Scan# 114
Delta R.T. -0.180 min
Lab File: VV029092.D
Acq: 18 Nov 2022 03:00

Tgt Ion: 64 Resp: 267393
Ion Ratio Lower Upper
64 100
66 4.8 22.0 40.8#

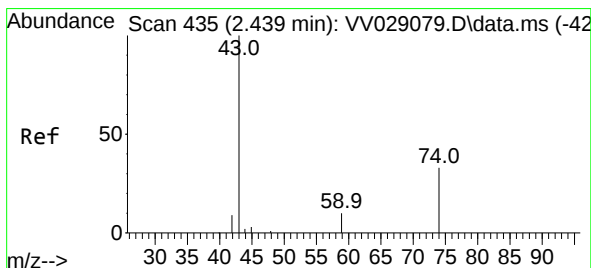
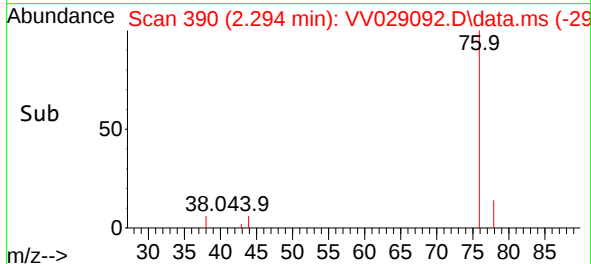
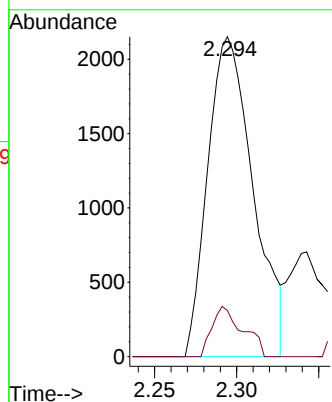
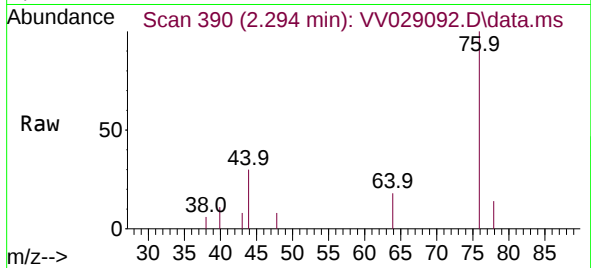




#14
Carbon disulfide
Concen: 0.075 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV029092.D
Acq: 18 Nov 2022 03:00

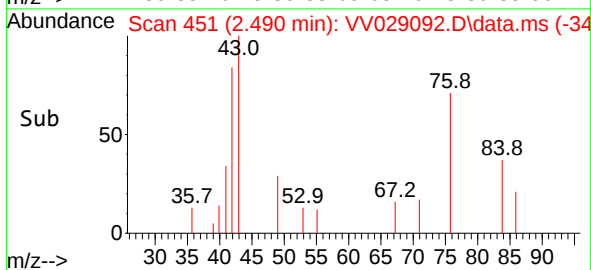
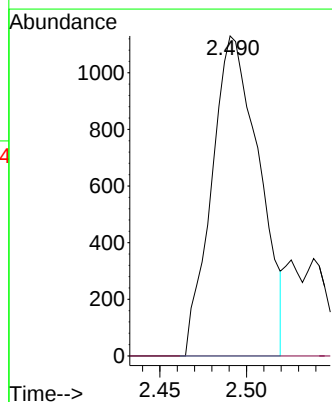
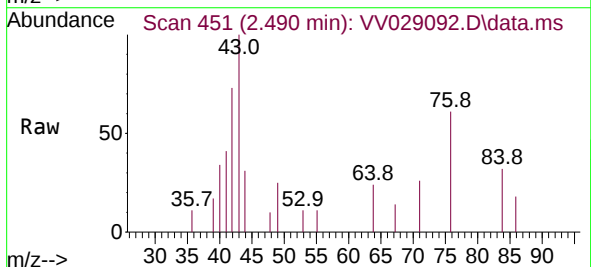
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ClientSampleId :
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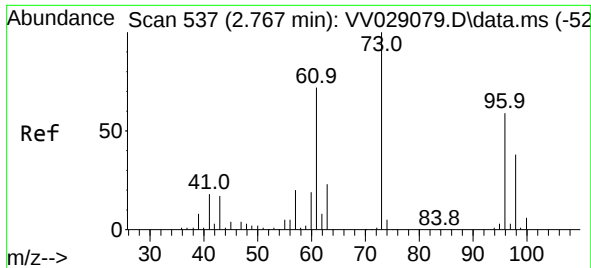
Tgt Ion: 76 Resp: 4135
Ion Ratio Lower Upper
76 100
78 14.5 7.4 11.2#



#15
Methyl Acetate
Concen: 0.527 ug/L
RT: 2.490 min Scan# 451
Delta R.T. 0.051 min
Lab File: VV029092.D
Acq: 18 Nov 2022 03:00

Tgt Ion: 43 Resp: 2154
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#

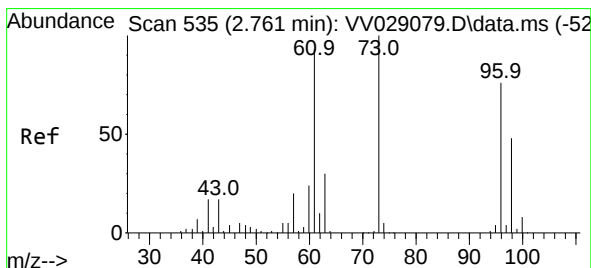
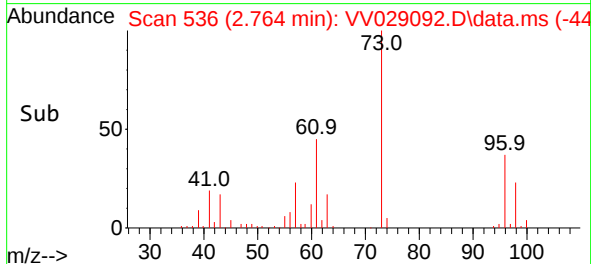
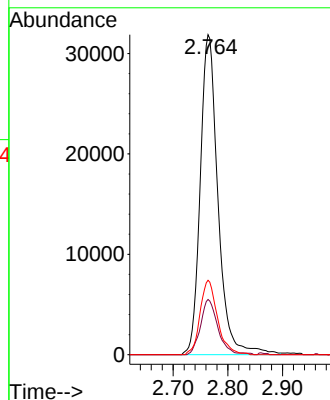
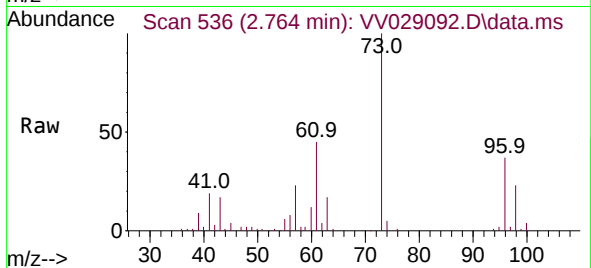




#17
Methyl tert-butyl Ether
Concen: 2.160 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029092.D
Acq: 18 Nov 2022 03:00

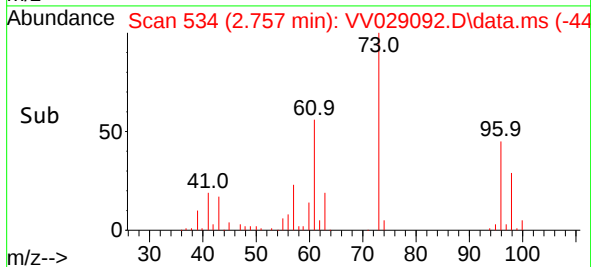
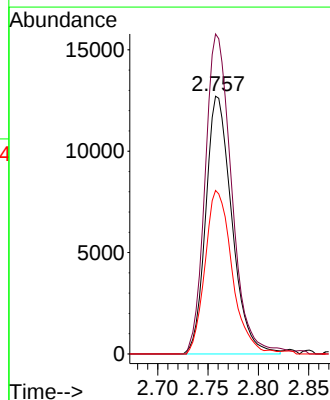
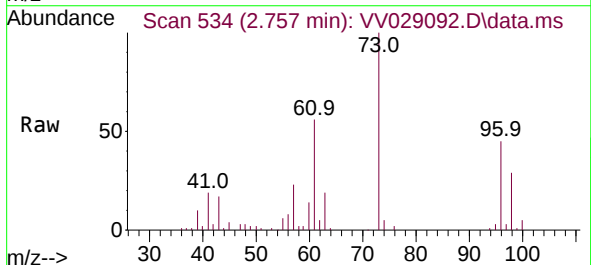
Instrument :
MSVOA_V
ClientSampleId :
H46E8

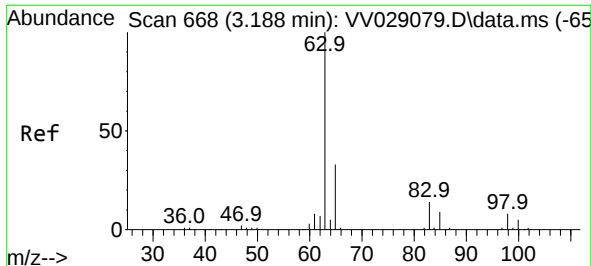
Tgt Ion: 73 Resp: 71883
Ion Ratio Lower Upper
73 100
43 16.6 13.0 19.4
57 22.8 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 1.277 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029092.D
Acq: 18 Nov 2022 03:00

Tgt Ion: 96 Resp: 22980
Ion Ratio Lower Upper
96 100
61 124.1 91.8 170.6
98 63.4 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.443 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.000 min

Lab File: VV029092.D

Acq: 18 Nov 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

H46E8

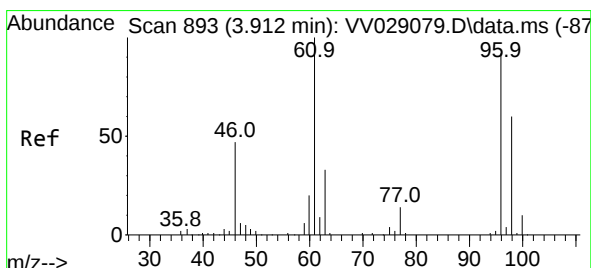
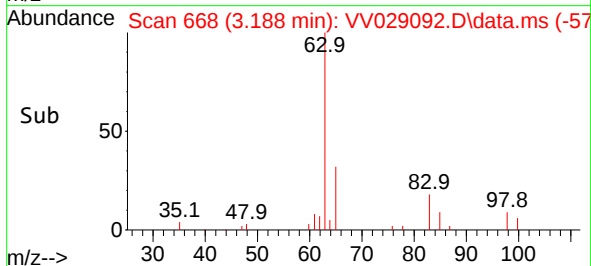
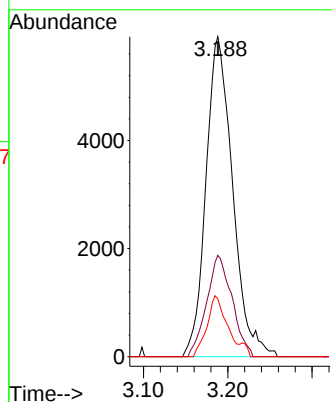
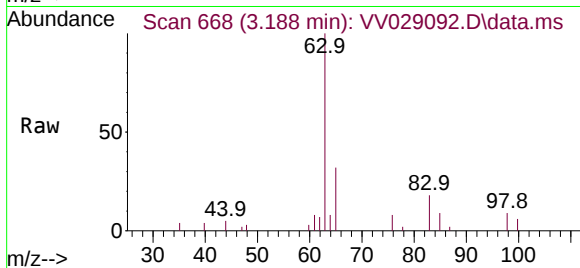
Tgt Ion: 63 Resp: 13026

Ion Ratio Lower Upper

63 100

65 31.6 23.0 42.6

83 18.1 9.4 17.6#



#22

cis-1,2-Dichloroethene

Concen: 0.507 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV029092.D

Acq: 18 Nov 2022 03:00

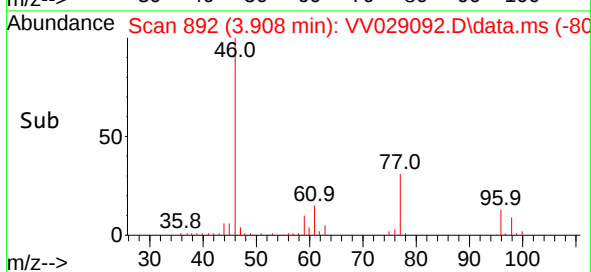
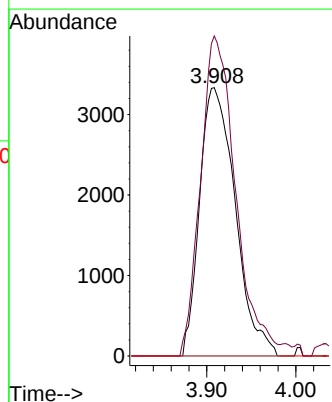
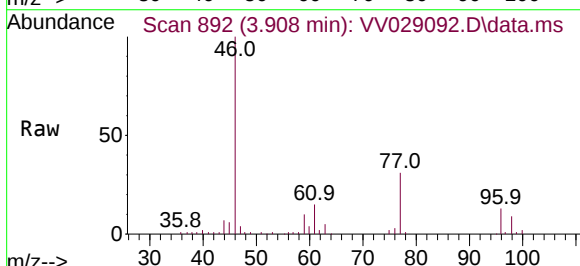
Tgt Ion: 96 Resp: 9270

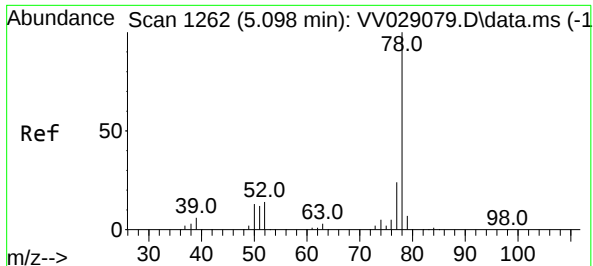
Ion Ratio Lower Upper

96 100

61 113.4 82.3 152.9

68 0.0 0.0 0.0

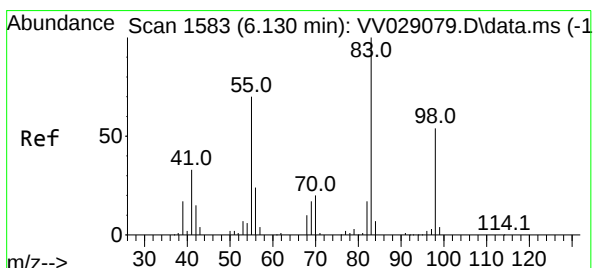
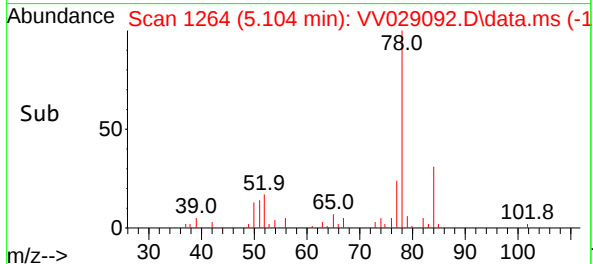
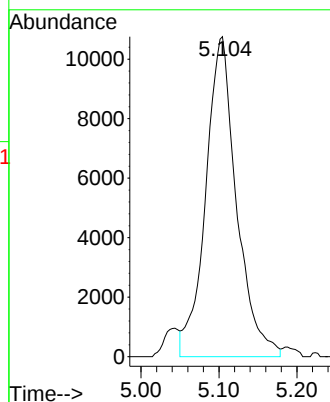
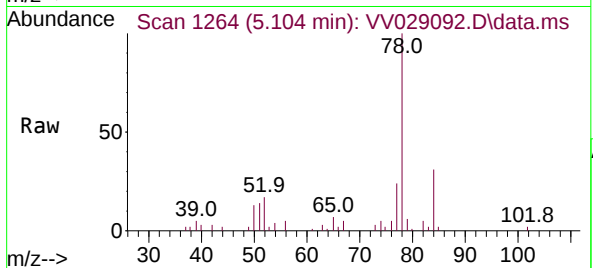




#33
Benzene
Concen: 0.403 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029092.D
Acq: 18 Nov 2022 03:00

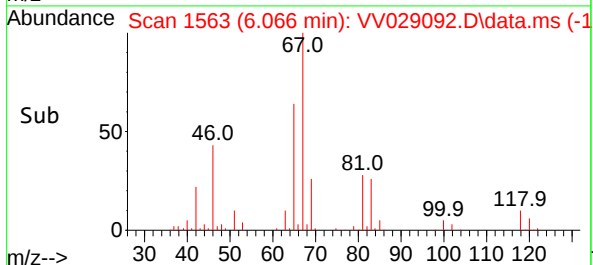
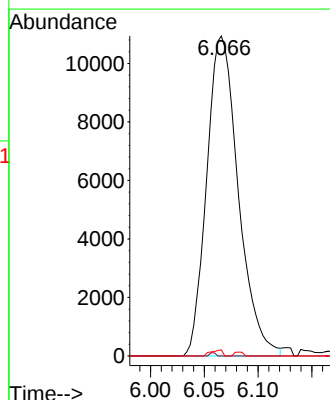
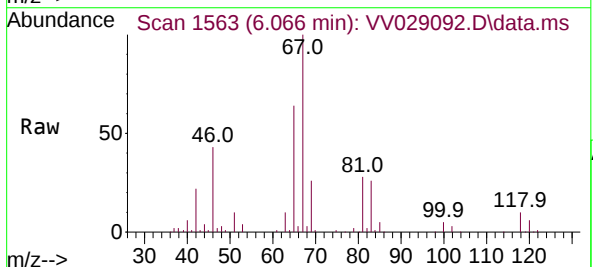
Instrument :
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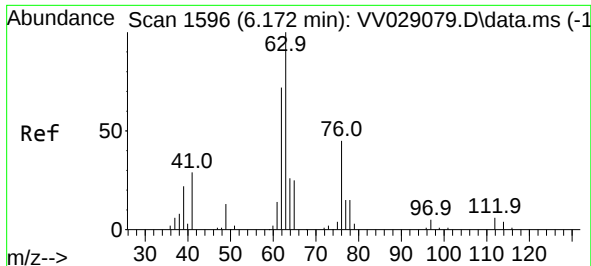
Tgt Ion: 78 Resp: 29585



#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029092.D
Acq: 18 Nov 2022 03:00

Tgt Ion: 83 Resp: 22395
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 0.7 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029092.D

Acq: 18 Nov 2022 03:00

Instrument :

MSVOA_V

ClientSampleId :

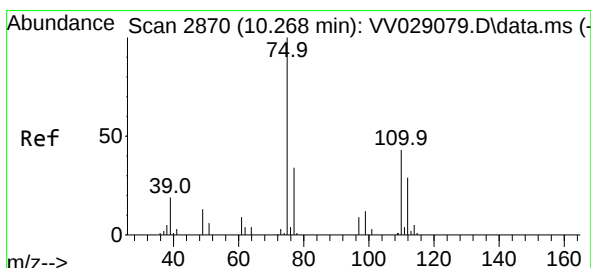
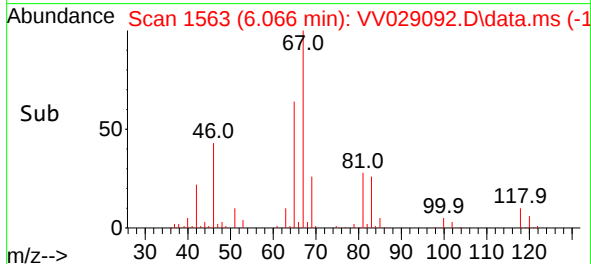
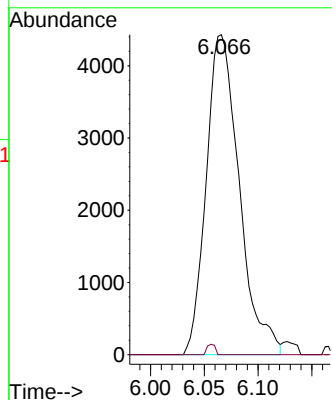
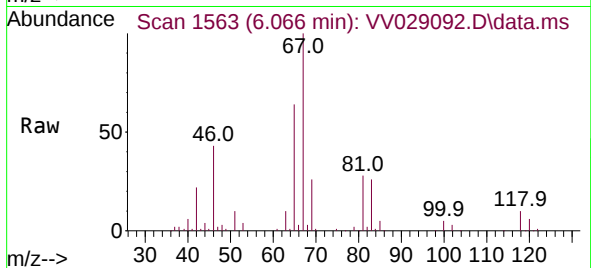
H46E8

Tgt Ion: 63 Resp: 9466

Ion Ratio Lower Upper

63 100

112 0.8 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.495 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029092.D

Acq: 18 Nov 2022 03:00

Tgt Ion: 75 Resp: 11768

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 1.4 32.6 48.8#

