

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029029.D
 Acq On : 16 Nov 2022 20:07
 Operator : SY/MD
 Sample : N5620-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB7

Quant Time: Nov 17 02:56:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 02:49:50 2022
 Response via : Initial Calibration

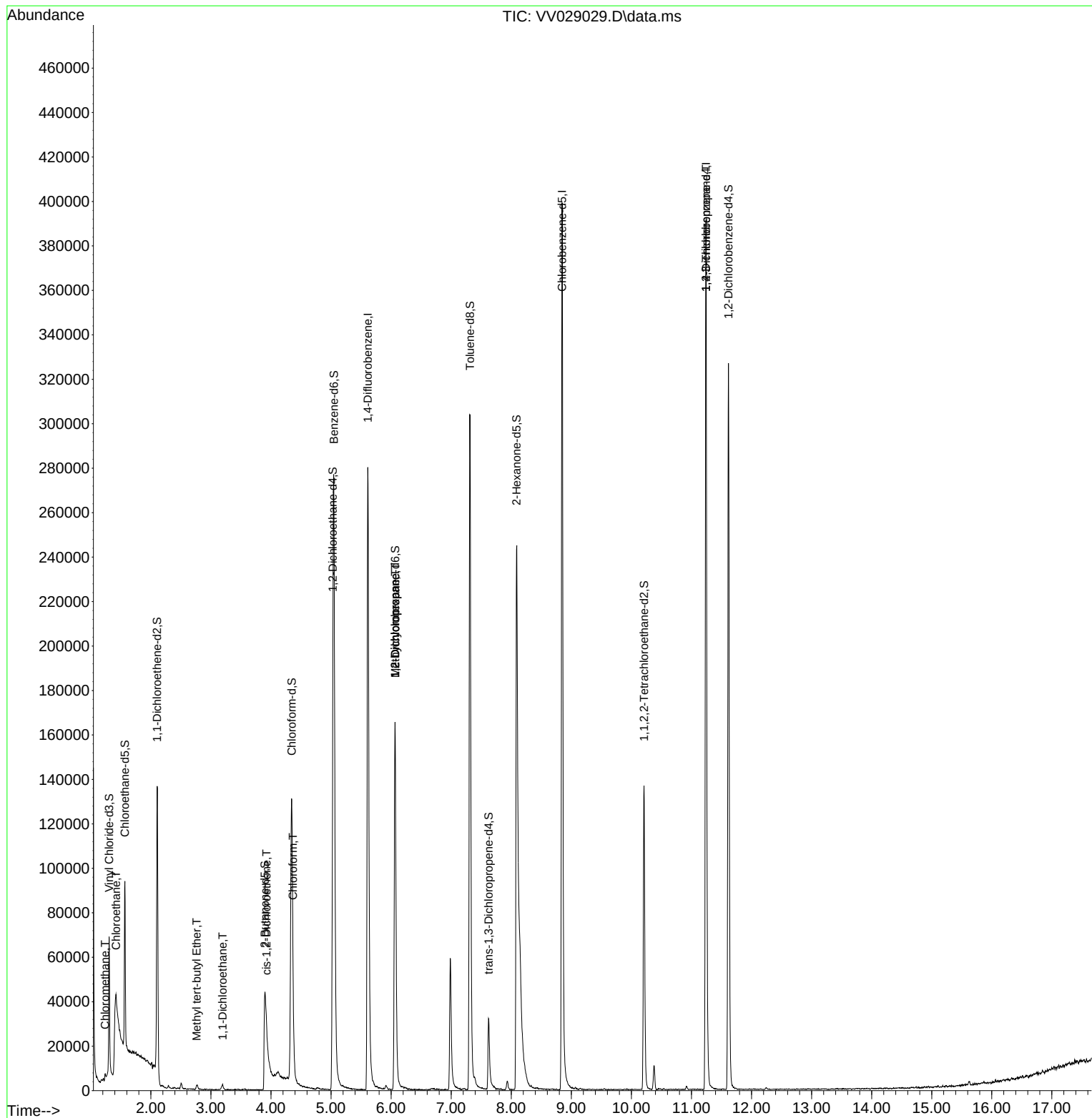
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	267087	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	247531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	117395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41886	2.572	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	51.400%
7) Chloroethane-d5	1.568	69	47774	3.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.800%
11) 1,1-Dichloroethene-d2	2.105	63	64759	2.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.600%#
20) 2-Butanone-d5	3.899	46	96265	35.318	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.640%
24) Chloroform-d	4.346	84	140223	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.031	65	66903	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.047	84	272638	3.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.066	67	85348	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.313	98	228399	3.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	7.622	79	22955	3.411	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.088	63	133887	46.615	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.220%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70630	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	95578	4.551	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
3) Chloromethane	1.240	50	1942	0.105	ug/L	90
8) Chloroethane	1.420	64	119752	9.669	ug/L #	53
17) Methyl tert-butyl Ether	2.761	73	1046	0.030	ug/L #	54
19) 1,1-Dichloroethane	3.195	63	2545	0.083	ug/L	93
22) cis-1,2-Dichloroethene	3.925	96	874	0.046	ug/L	74
25) Chloroform	4.365	83	5189	0.161	ug/L	100
35) Methylcyclohexane	6.066	83	20670	0.607	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9010	0.517	ug/L #	85
61) 1,2,3-Trichloropropane	11.243	75	12001	1.496	ug/L #	65

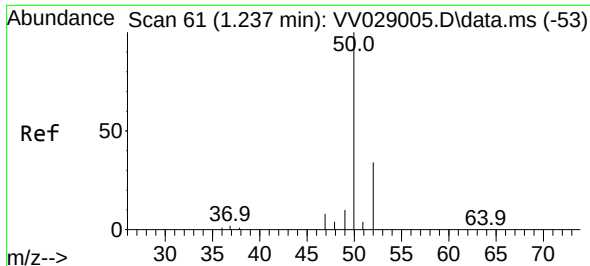
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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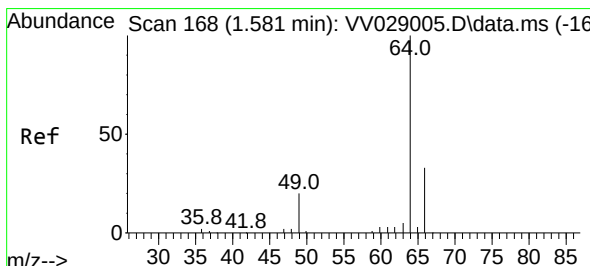
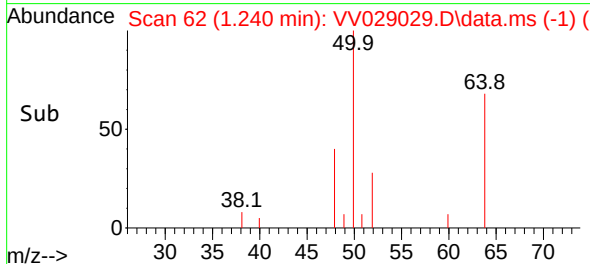
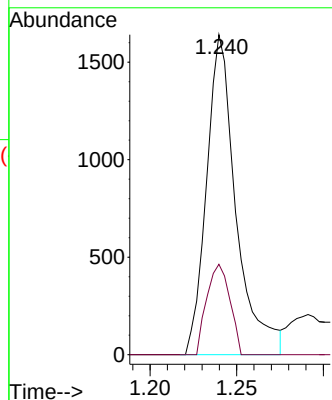
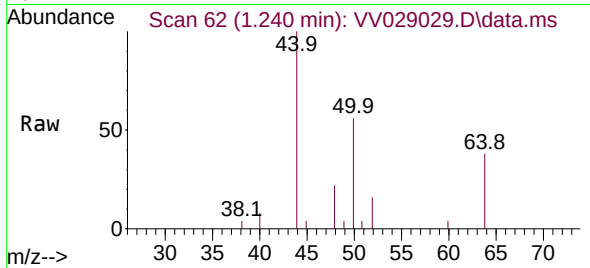




#3
Chloromethane
Concen: 0.105 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029029.D
Acq: 16 Nov 2022 20:07

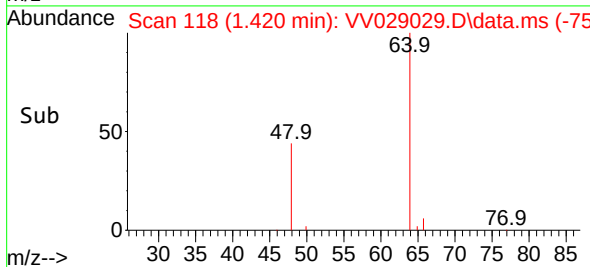
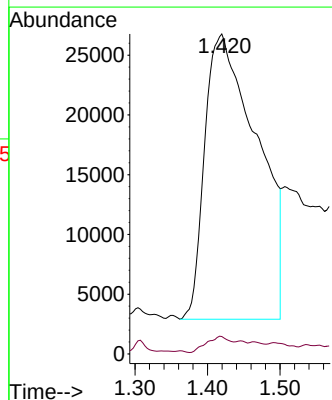
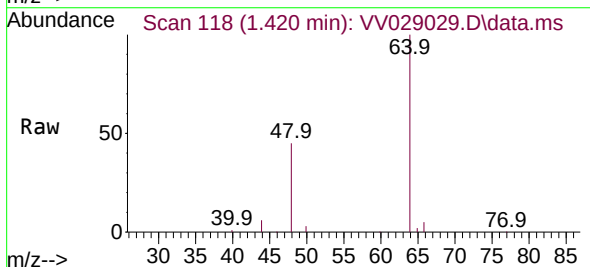
Instrument :
MSVOA_V
ClientSampleId :
BGC7

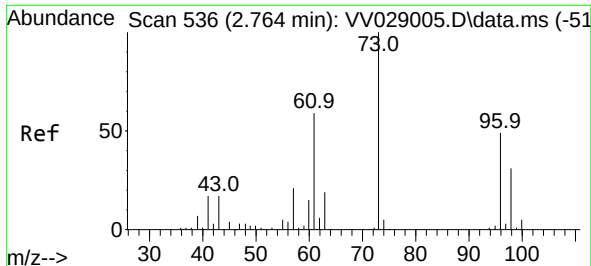
Tgt Ion: 50 Resp: 1942
Ion Ratio Lower Upper
50 100
52 28.3 23.7 43.9



#8
Chloroethane
Concen: 9.669 ug/L
RT: 1.420 min Scan# 118
Delta R.T. -0.161 min
Lab File: VV029029.D
Acq: 16 Nov 2022 20:07

Tgt Ion: 64 Resp: 119752
Ion Ratio Lower Upper
64 100
66 5.5 22.0 40.8#





#17

Methyl tert-butyl Ether

Concen: 0.030 ug/L

RT: 2.761 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV029029.D

Acq: 16 Nov 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

BGCB7

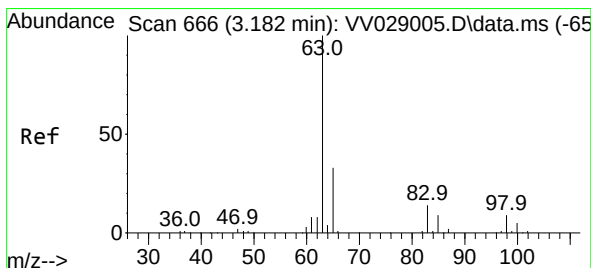
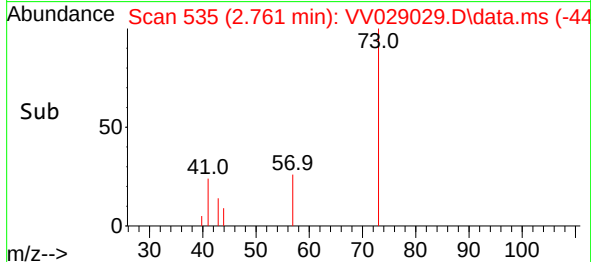
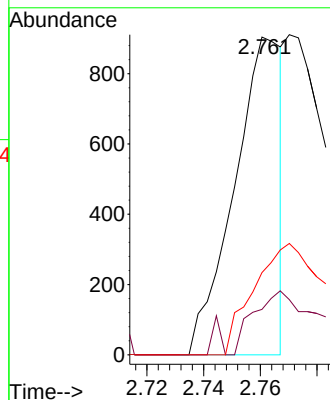
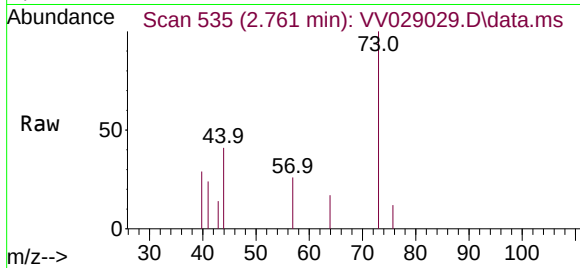
Tgt Ion: 73 Resp: 1046

Ion Ratio Lower Upper

73 100

43 24.4 13.0 19.4#

57 52.0 16.6 24.8#



#19

1,1-Dichloroethane

Concen: 0.083 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.013 min

Lab File: VV029029.D

Acq: 16 Nov 2022 20:07

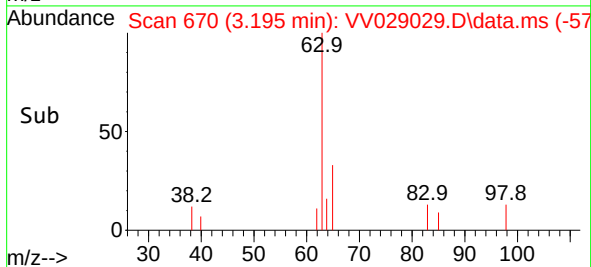
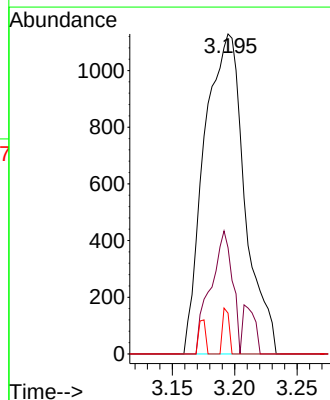
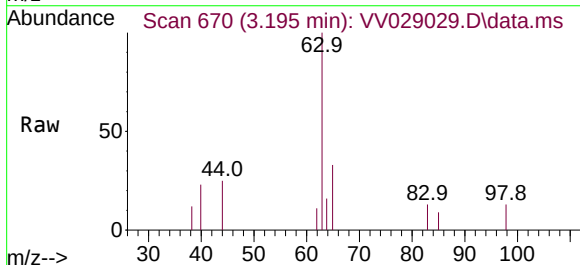
Tgt Ion: 63 Resp: 2545

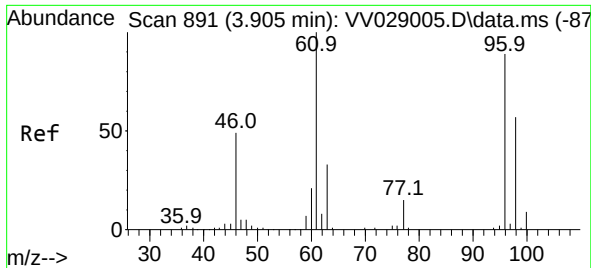
Ion Ratio Lower Upper

63 100

65 28.7 23.0 42.6

83 11.0 9.4 17.6

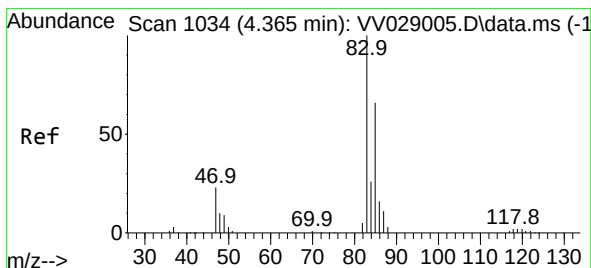
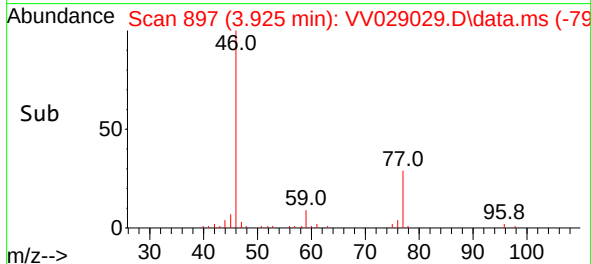
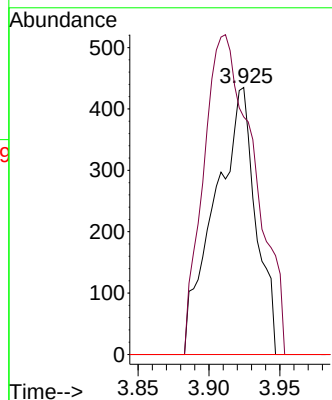
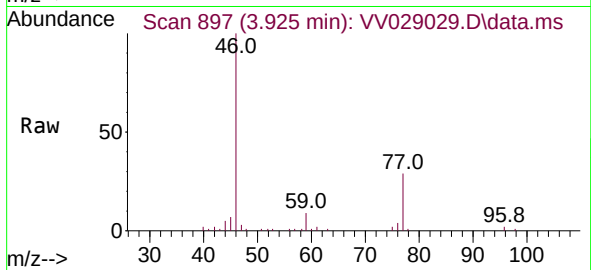




#22
cis-1,2-Dichloroethene
Concen: 0.046 ug/L
RT: 3.925 min Scan# 891
Delta R.T. 0.019 min
Lab File: VV029029.D
Acq: 16 Nov 2022 20:07

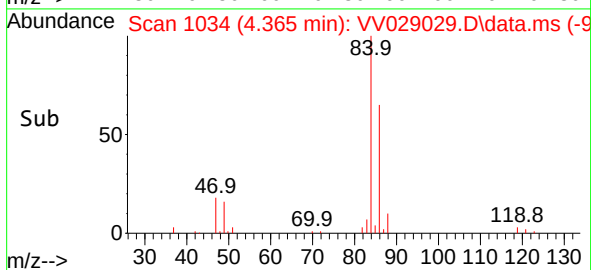
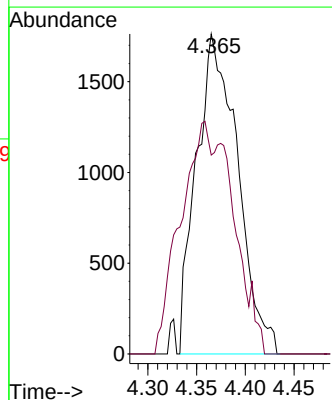
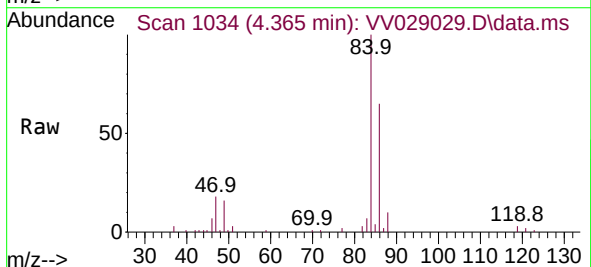
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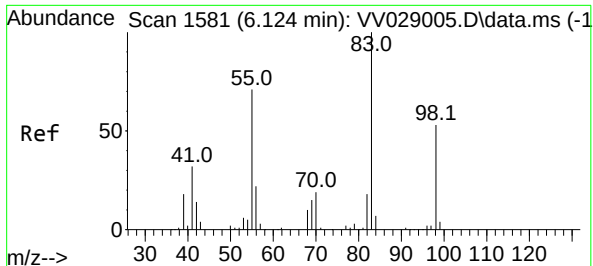
Tgt Ion: 96 Resp: 874
Ion Ratio Lower Upper
96 100
61 89.0 82.3 152.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.161 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV029029.D
Acq: 16 Nov 2022 20:07

Tgt Ion: 83 Resp: 5189
Ion Ratio Lower Upper
83 100
85 62.2 43.7 81.1





#35

Methylcyclohexane

Concen: 0.607 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029029.D

Acq: 16 Nov 2022 20:07

Instrument :

MSVOA_V

ClientSampleId :

BGCB7

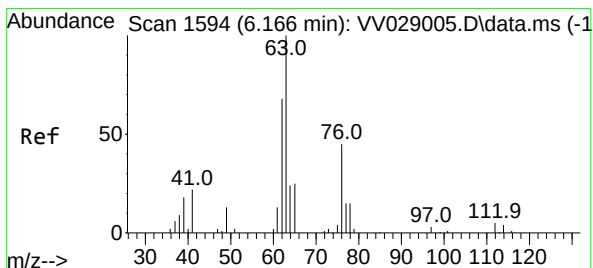
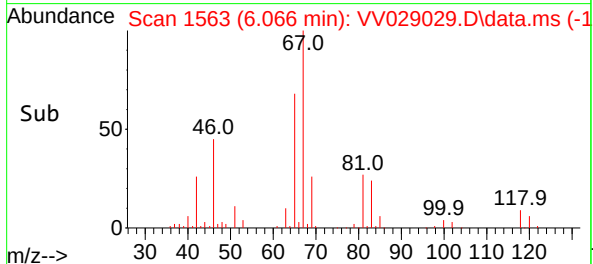
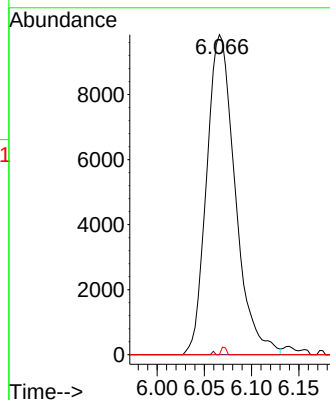
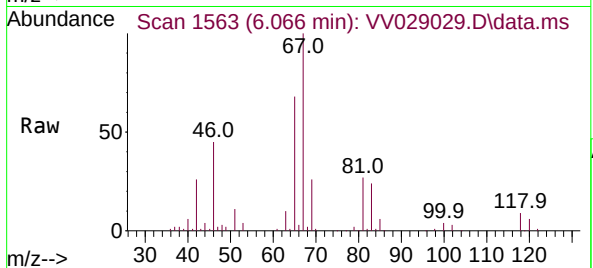
Tgt Ion: 83 Resp: 20670

Ion Ratio Lower Upper

83 100

55 0.1 55.8 83.6#

98 0.4 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.517 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV029029.D

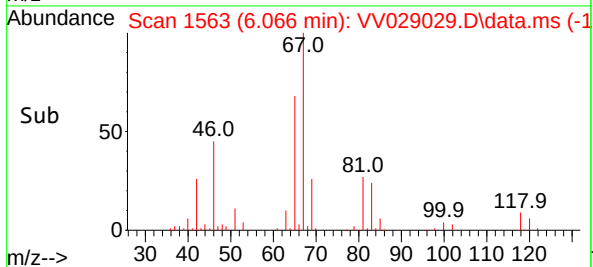
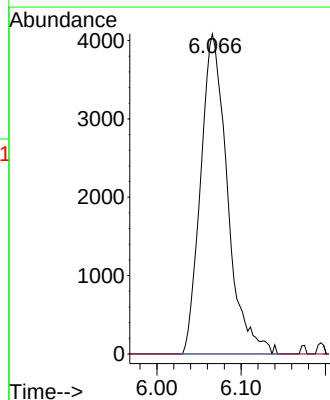
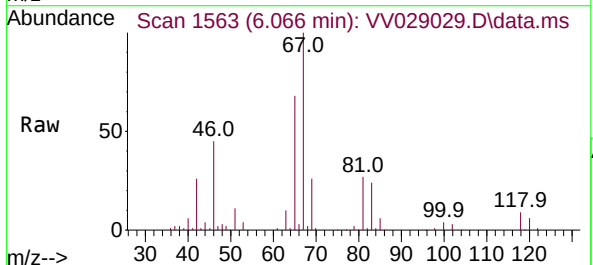
Acq: 16 Nov 2022 20:07

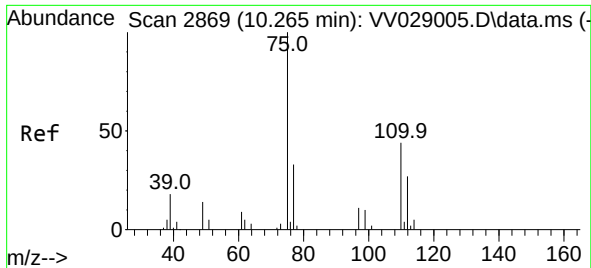
Tgt Ion: 63 Resp: 9010

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.496 ug/L
 RT: 11.243 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV029029.D
 Acq: 16 Nov 2022 20:07

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Tgt Ion: 75 Resp: 12001
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.2 39.2
 110 2.8 32.6 48.8#

