

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029873.D
 Acq On : 16 Jan 2023 13:45
 Operator : SY/MD
 Sample : 01136-07 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC0

Quant Time: Jan 17 00:38:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	205739	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	199246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	104710	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63165	4.048	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.565	69	59075	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.105	63	87352	3.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.400%
20) 2-Butanone-d5	3.889	46	116929	42.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.560%
24) Chloroform-d	4.339	84	136179	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.027	65	59063	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.043	84	266034	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.063	67	84046	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.310	98	232121	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.616	79	23669	3.747	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.085	63	109908	42.735	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.480%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	61543	4.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	91056	4.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%

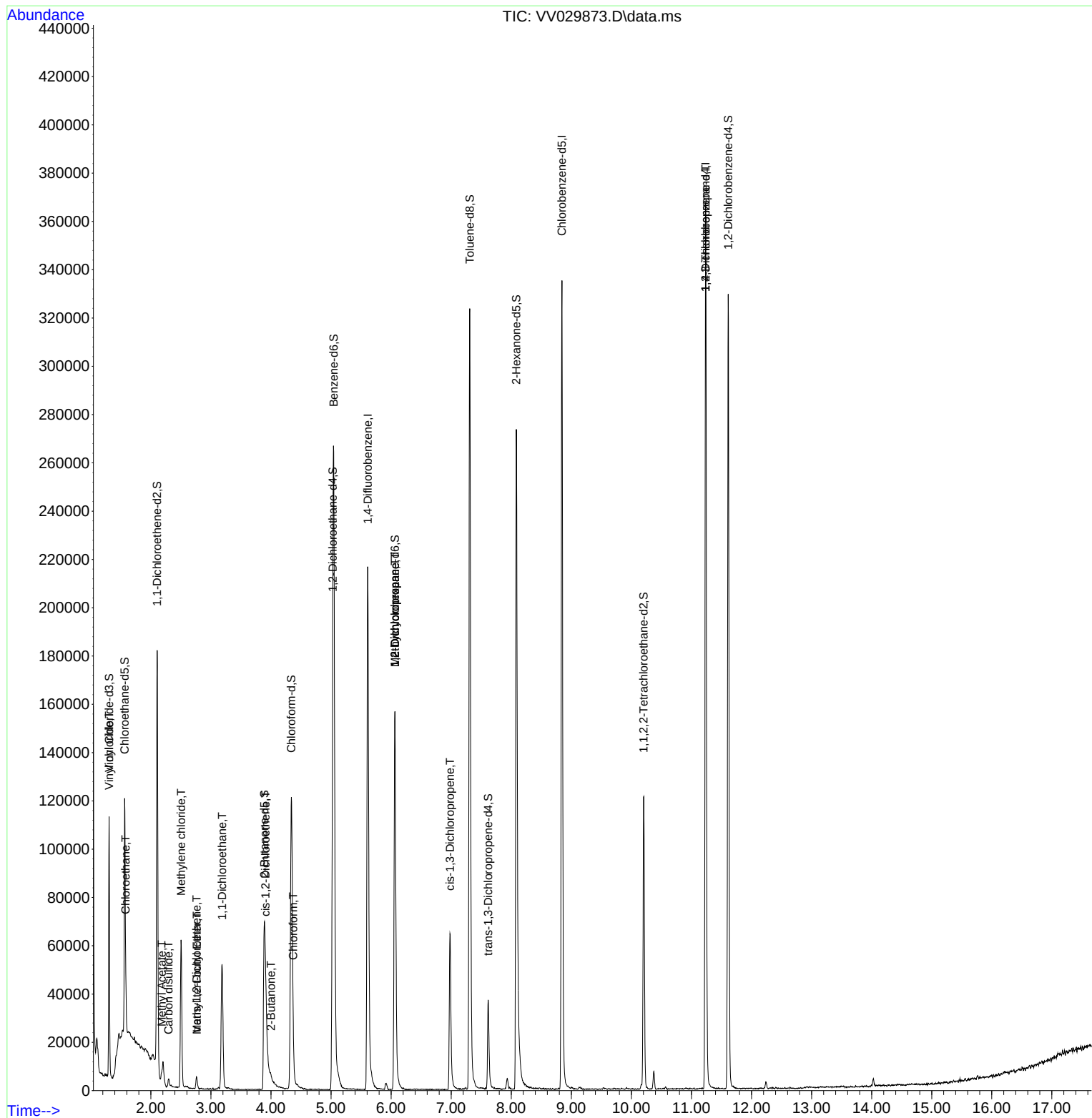
Target Compounds				Qvalue		
5) Vinyl chloride	1.307	62	6060	0.307	ug/L #	79
8) Chloroethane	1.581	64	11667	0.973	ug/L #	70
14) Carbon disulfide	2.294	76	7242	0.143	ug/L	95
15) Methyl Acetate	2.182	43	5195	1.010	ug/L #	45
16) Methylene chloride	2.503	84	27849	1.276	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	961	0.032	ug/L #	62
18) trans-1,2-Dichloroethene	2.761	96	1777	0.109	ug/L	97
19) 1,1-Dichloroethane	3.185	63	54925	2.010	ug/L	99
21) 2-Butanone	4.002	43	3866	1.367	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	5852	0.336	ug/L	94
25) Chloroform	4.368	83	2173	0.073	ug/L	85
35) Methylcyclohexane	6.063	83	20108	0.713	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	8585	0.556	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1603	0.077	ug/L #	35
61) 1,2,3-Trichloropropane	11.236	75	11327	1.461	ug/L #	65

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

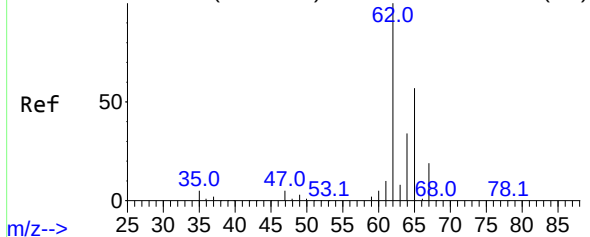
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029873.D
Acq On : 16 Jan 2023 13:45
Operator : SY/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration



Abundance Scan 83 (1.307 min): VV029866.D\data.ms (-75)



#5

Vinyl chloride

Concen: 0.307 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV029873.D

Acq: 16 Jan 2023 13:45

Instrument :

MSVOA_V

ClientSampleId :

BGJC0

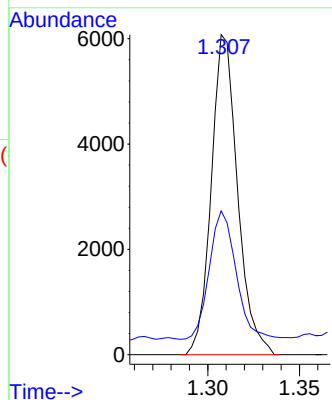
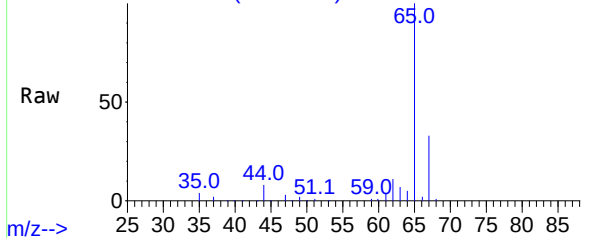
Tgt Ion: 62 Resp: 6060

Ion Ratio Lower Upper

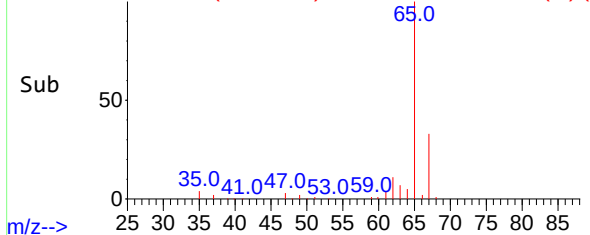
62 100

64 45.0 23.2 43.2#

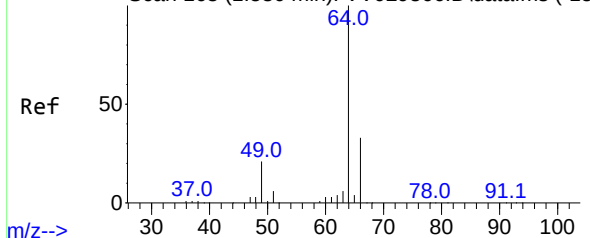
Abundance Scan 83 (1.307 min): VV029873.D\data.ms



Abundance Scan 83 (1.307 min): VV029873.D\data.ms (-1)



Abundance Scan 168 (1.580 min): VV029866.D\data.ms (-15)



#8

Chloroethane

Concen: 0.973 ug/L

RT: 1.581 min Scan# 168

Delta R.T. 0.003 min

Lab File: VV029873.D

Acq: 16 Jan 2023 13:45

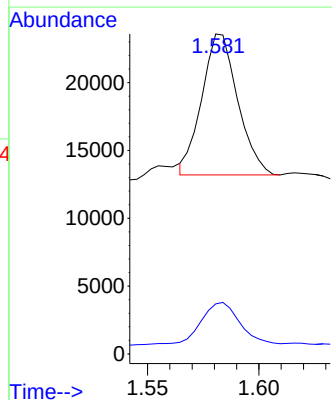
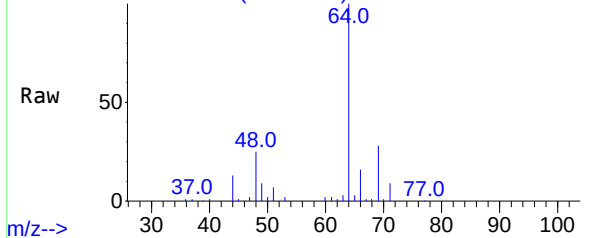
Tgt Ion: 64 Resp: 11667

Ion Ratio Lower Upper

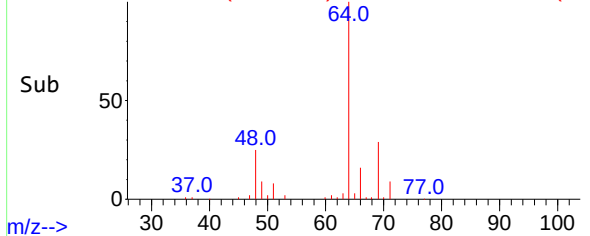
64 100

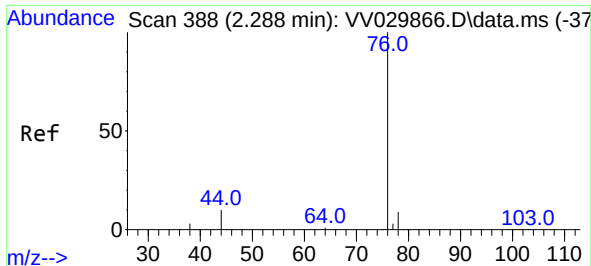
66 15.7 22.9 42.5#

Abundance Scan 168 (1.581 min): VV029873.D\data.ms



Abundance Scan 168 (1.581 min): VV029873.D\data.ms (-74)

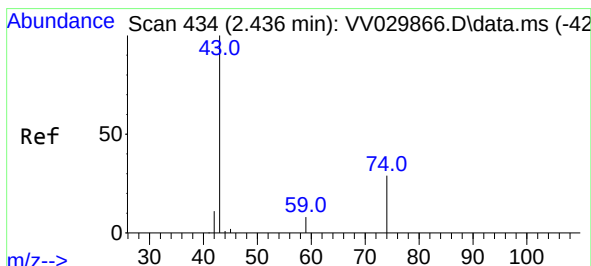
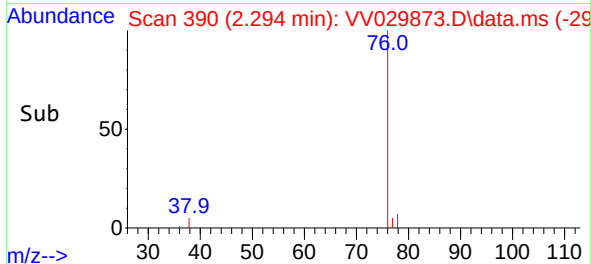
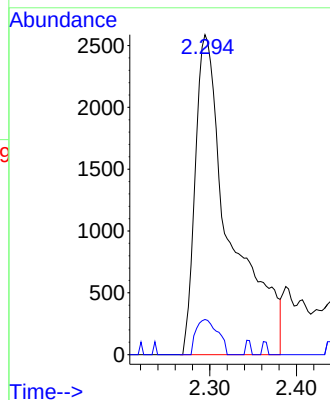
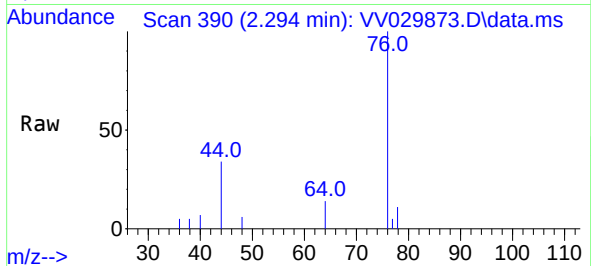




#14
Carbon disulfide
Concen: 0.143 ug/L
RT: 2.294 min Scan# 341
Delta R.T. 0.010 min
Lab File: VV029873.D
Acq: 16 Jan 2023 13:45

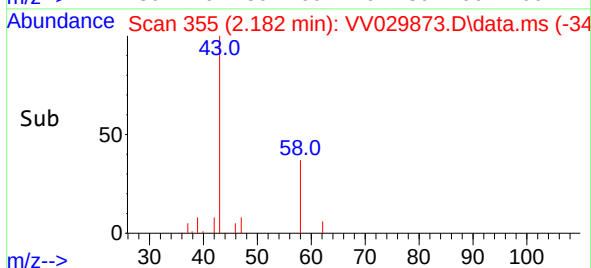
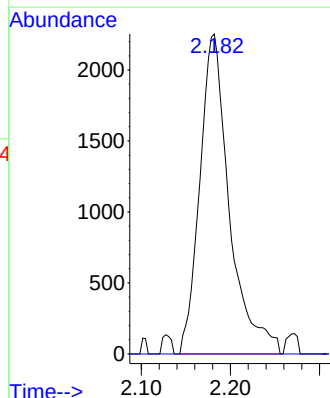
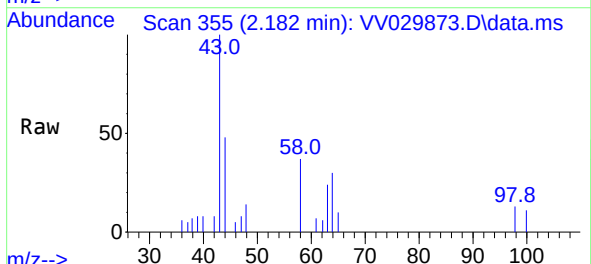
Instrument :
MSVOA_V
ClientSampleId :
BGJC0

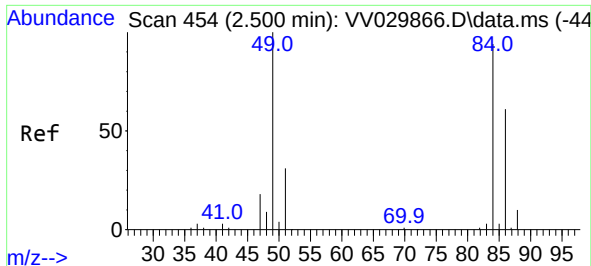
Tgt Ion: 76 Resp: 7242
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0



#15
Methyl Acetate
Concen: 1.010 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.254 min
Lab File: VV029873.D
Acq: 16 Jan 2023 13:45

Tgt Ion: 43 Resp: 5195
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.0#

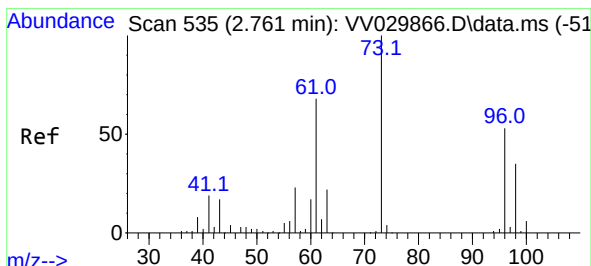
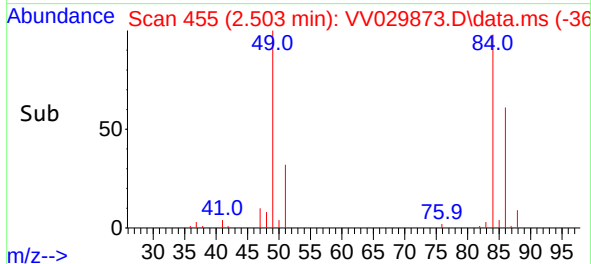
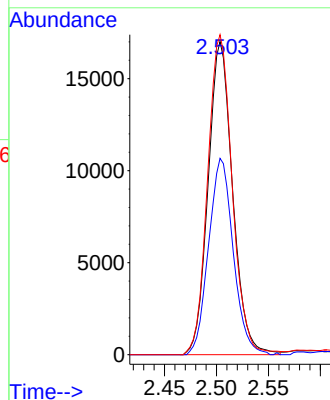
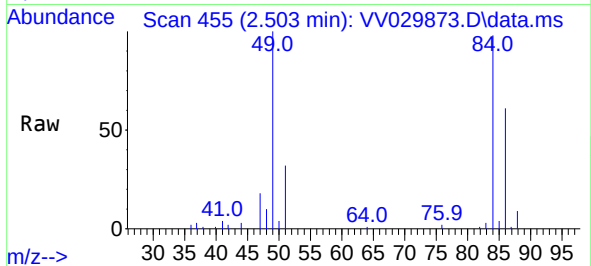




#16
Methylene chloride
Concen: 1.276 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029873.D
Acq: 16 Jan 2023 13:45

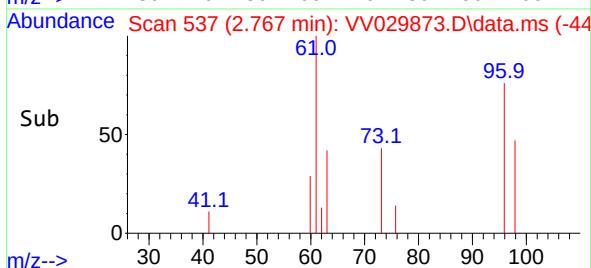
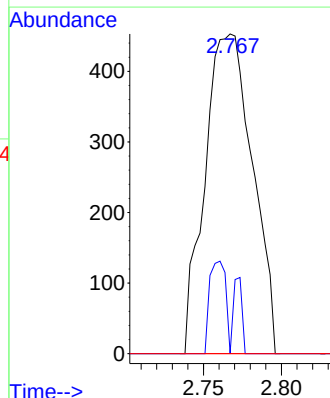
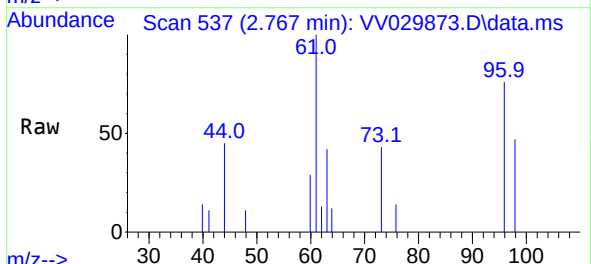
Instrument :
MSVOA_V
ClientSampleId :
BGJC0

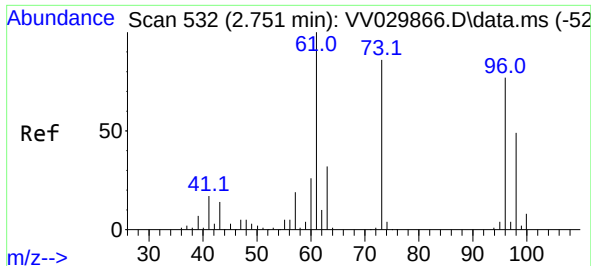
Tgt Ion: 84 Resp: 27849
Ion Ratio Lower Upper
84 100
86 62.7 45.0 83.6
49 102.2 71.5 132.7



#17
Methyl tert-butyl Ether
Concen: 0.032 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV029873.D
Acq: 16 Jan 2023 13:45

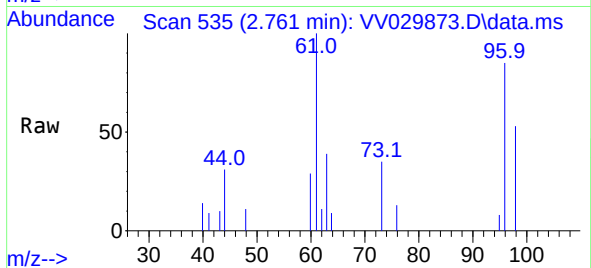
Tgt Ion: 73 Resp: 961
Ion Ratio Lower Upper
73 100
43 4.3 13.0 19.4#
57 0.0 17.1 25.7#



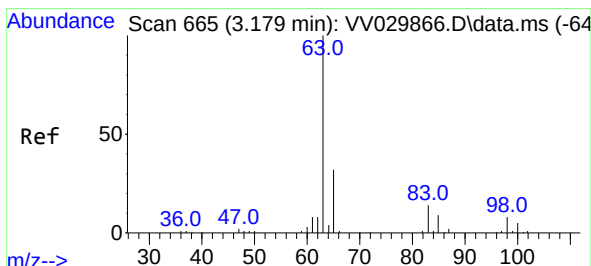
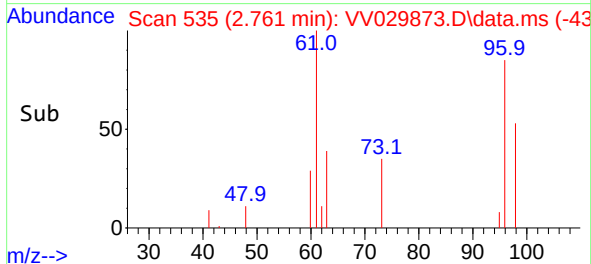
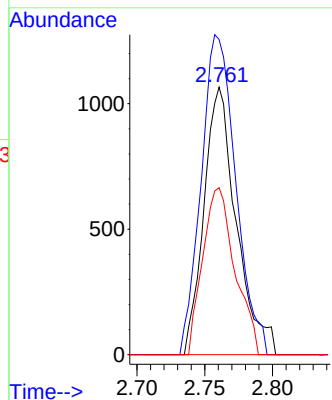


#18
trans-1,2-Dichloroethene
Concen: 0.109 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV029873.D
Acq: 16 Jan 2023 13:45

Instrument :
MSVOA_V
ClientSampleId :
BGJC0

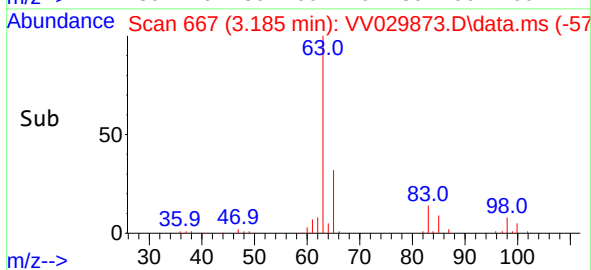
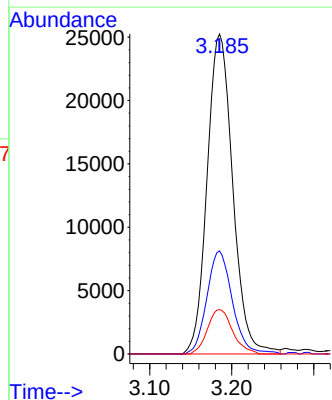
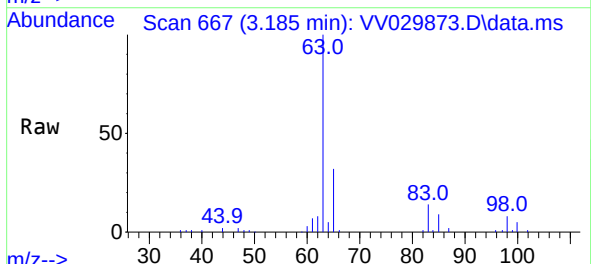


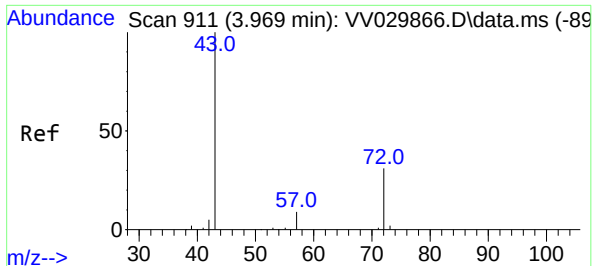
Tgt Ion: 96 Resp: 1777
Ion Ratio Lower Upper
96 100
61 117.8 86.1 159.9
98 62.5 43.9 81.5



#19
1,1-Dichloroethane
Concen: 2.010 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV029873.D
Acq: 16 Jan 2023 13:45

Tgt Ion: 63 Resp: 54925
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 13.8 10.2 19.0





#21

2-Butanone

Concen: 1.367 ug/L

RT: 4.002 min Scan# 911

Delta R.T. 0.019 min

Lab File: VV029873.D

Acq: 16 Jan 2023 13:45

Instrument :

MSVOA_V

ClientSampleId :

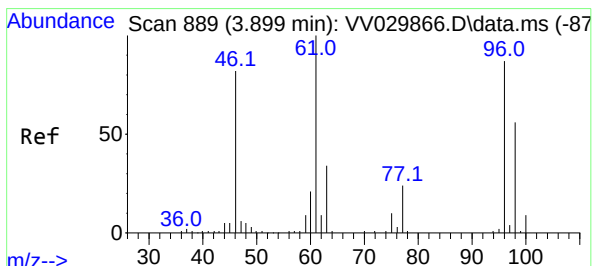
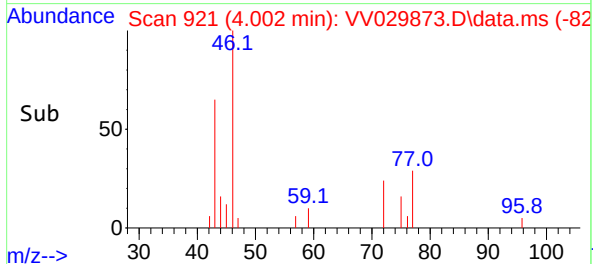
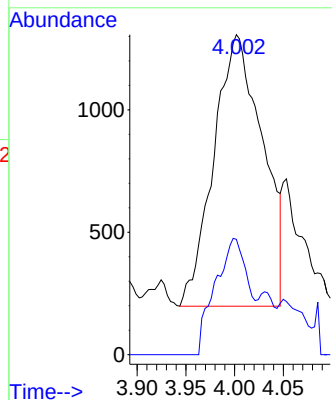
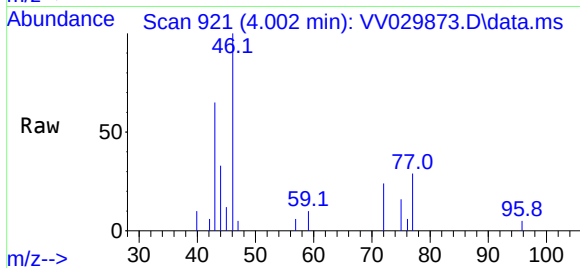
BGJC0

Tgt Ion: 43 Resp: 3866

Ion Ratio Lower Upper

43 100

72 28.8 13.9 41.6



#22

cis-1,2-Dichloroethene

Concen: 0.336 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.010 min

Lab File: VV029873.D

Acq: 16 Jan 2023 13:45

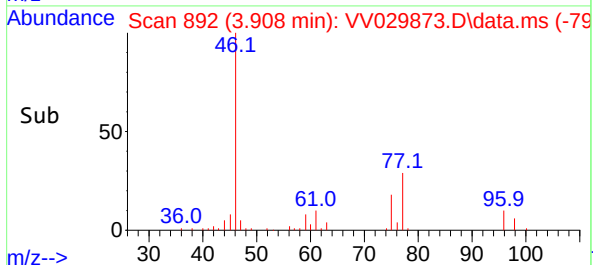
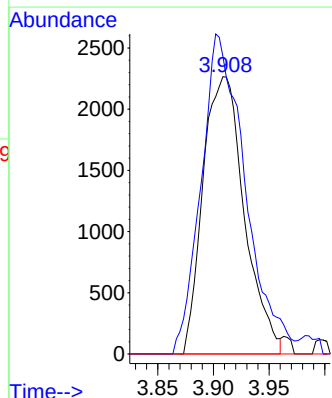
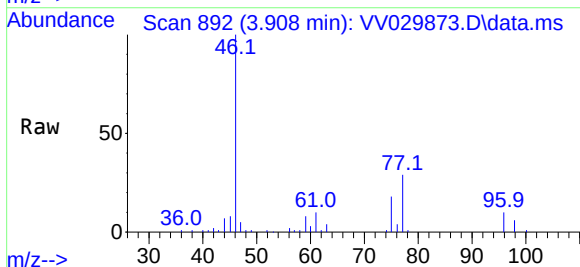
Tgt Ion: 96 Resp: 5852

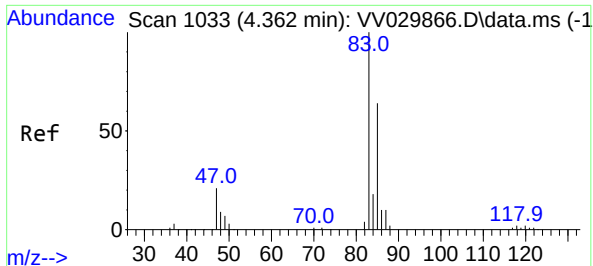
Ion Ratio Lower Upper

96 100

61 107.3 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.073 ug/L

RT: 4.368 min Scan# 10

Delta R.T. 0.006 min

Lab File: VV029873.D

Acq: 16 Jan 2023 13:45

Instrument :

MSVOA_V

ClientSampleId :

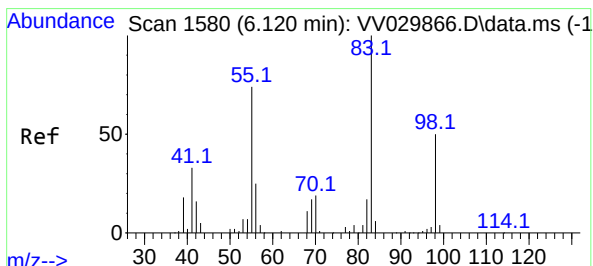
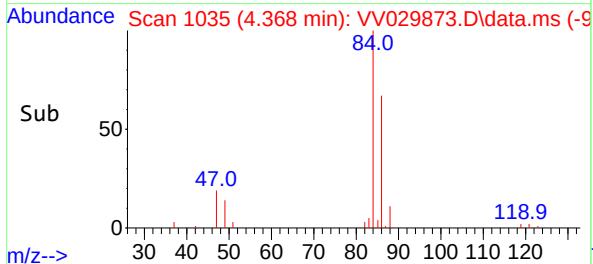
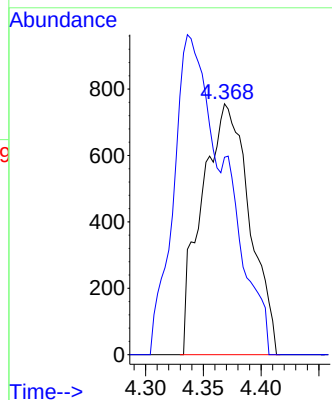
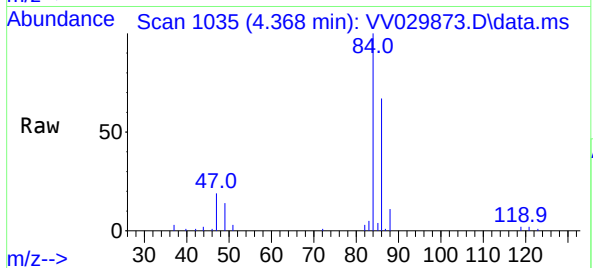
BGJC0

Tgt Ion: 83 Resp: 2173

Ion Ratio Lower Upper

83 100

85 78.7 46.5 86.5



#35

Methylcyclohexane

Concen: 0.713 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029873.D

Acq: 16 Jan 2023 13:45

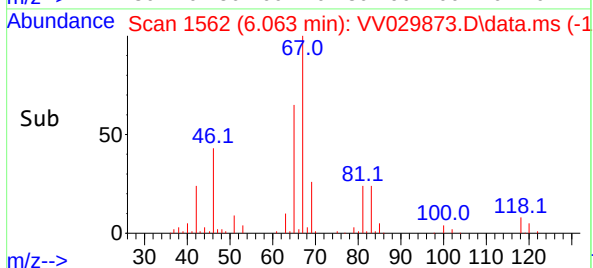
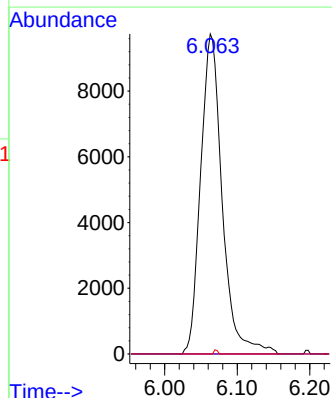
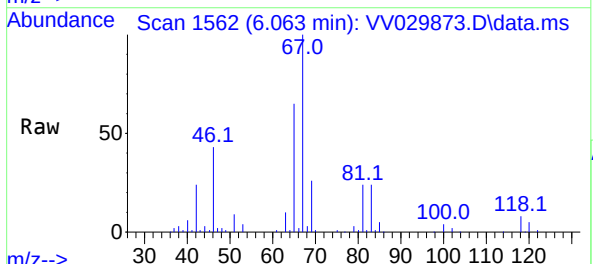
Tgt Ion: 83 Resp: 20108

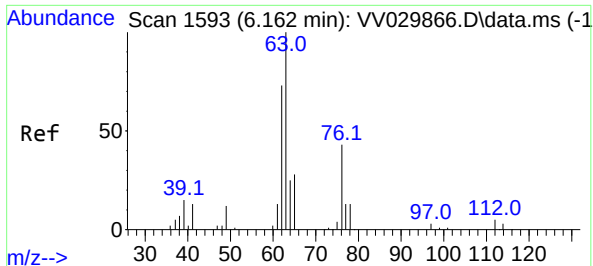
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.2 39.0 58.6#

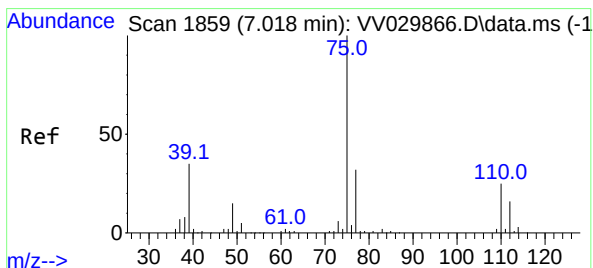
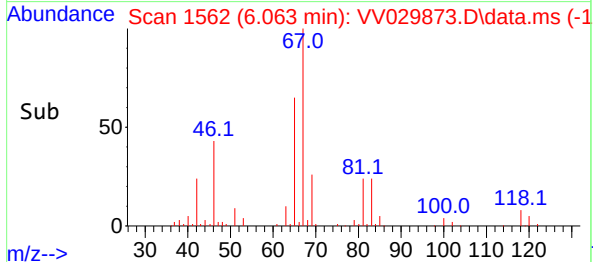
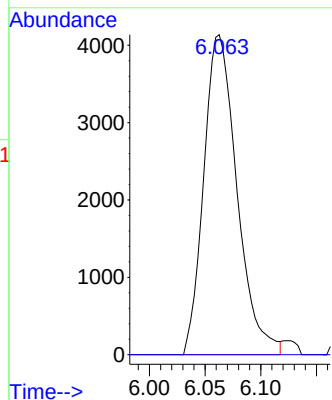
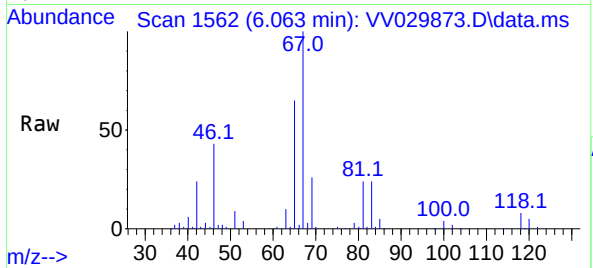




#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029873.D
Acq: 16 Jan 2023 13:45

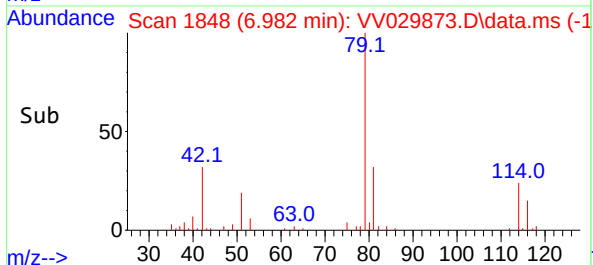
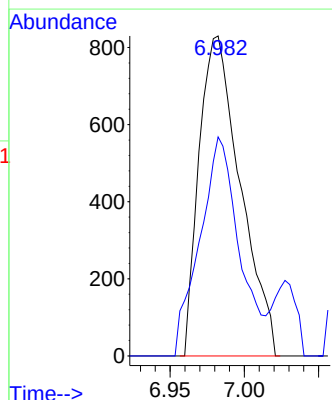
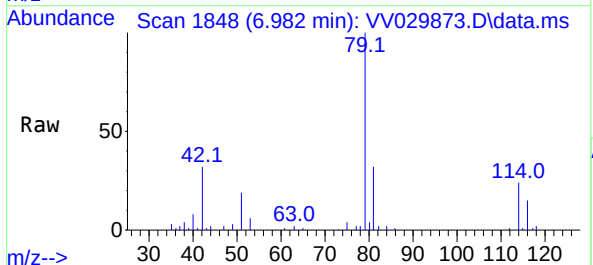
Instrument :
MSVOA_V
ClientSampleId :
BGJC0

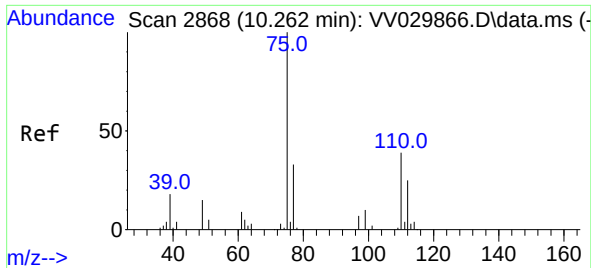
Tgt Ion: 63 Resp: 8585
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.035 min
Lab File: VV029873.D
Acq: 16 Jan 2023 13:45

Tgt Ion: 75 Resp: 1603
Ion Ratio Lower Upper
75 100
77 68.4 22.4 41.6#





#61
1,2,3-Trichloropropane
Concen: 1.461 ug/L
RT: 11.236 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV029873.D
Acq: 16 Jan 2023 13:45

Instrument :
MSVOA_V
ClientSampleId :
BGJC0

Tgt Ion: 75	Resp: 11327
Ion Ratio	Lower Upper
75	100
77	30.9 26.5 39.7
110	1.7 31.8 47.8#

