

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
 Data File : VV029812.D
 Acq On : 13 Jan 2023 16:41
 Operator : SY/MD
 Sample : 01138-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W8

Quant Time: Jan 13 22:52:20 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)

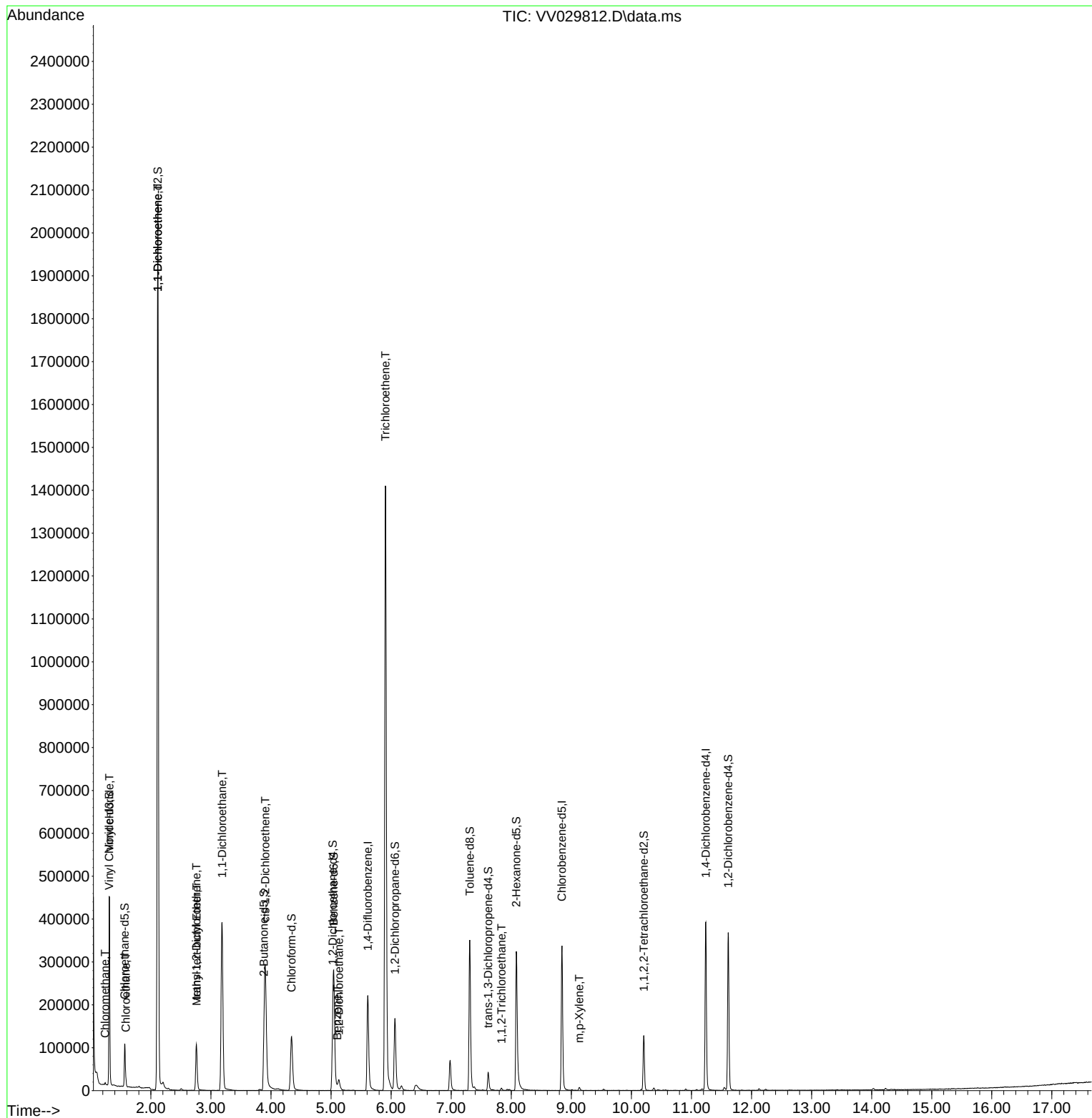
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	210351	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	205345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	108626	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69884	4.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.564	69	62609	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.114	63	403640	13.878	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	277.600%#
20) 2-Butanone-d5	3.883	46	139303	49.260	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.520%
24) Chloroform-d	4.342	84	136097	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.027	65	62057	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.043	84	284025	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.063	67	90049	5.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.310	98	252032	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.616	79	26914	4.134	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.085	63	128079	48.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.640%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65483	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	99138	5.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2663	0.129	ug/L	100
5) Vinyl chloride	1.310	62	214622	10.623	ug/L	99
8) Chloroethane	1.584	64	9926	0.810	ug/L	99
12) 1,1-Dichloroethene	2.117	96	635901	35.403	ug/L #	77
17) Methyl tert-butyl Ether	2.764	73	3273	0.105	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	42825	2.565	ug/L	95
19) 1,1-Dichloroethane	3.185	63	402493	14.410	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	155943	8.765	ug/L	100
27) 1,2-Dichloroethane	5.130	62	19962	1.353	ug/L	98
33) Benzene	5.101	78	4909	0.072	ug/L	100
34) Trichloroethene	5.905	95	516629	30.027	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	2057	0.180	ug/L	84
53) m,p-Xylene	9.133	106	2212	0.073	ug/L	97

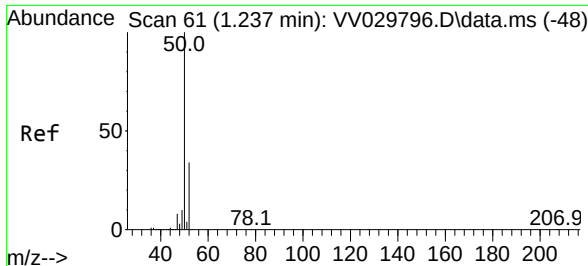
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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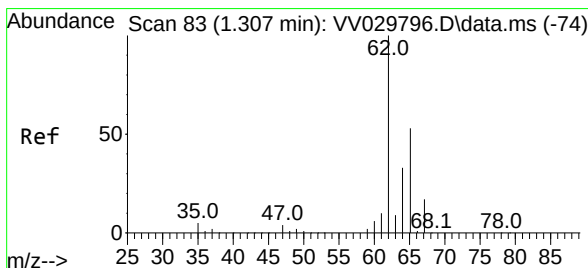
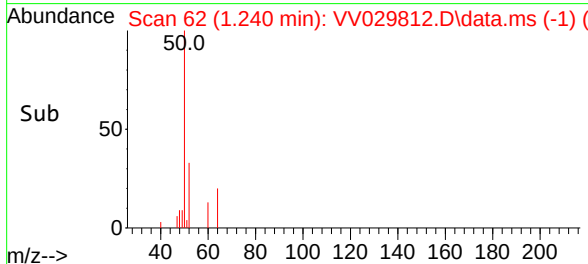
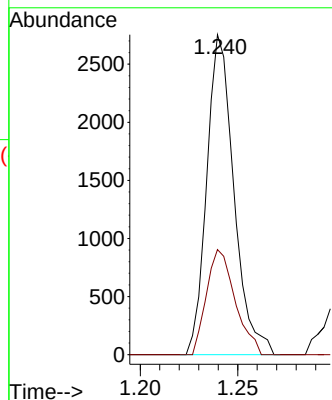
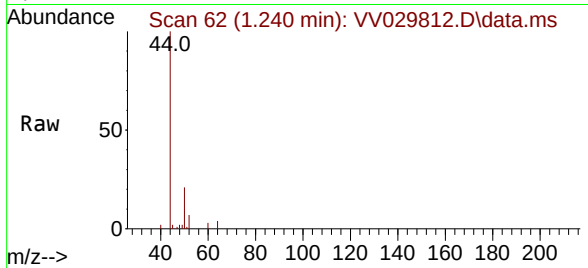




#3
Chloromethane
Concen: 0.129 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029812.D
Acq: 13 Jan 2023 16:41

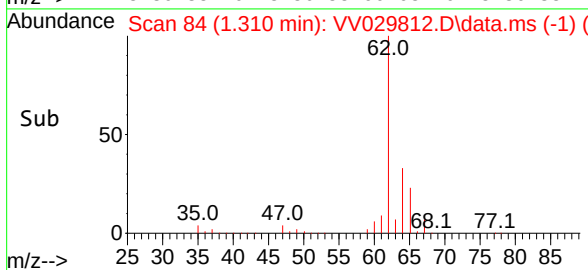
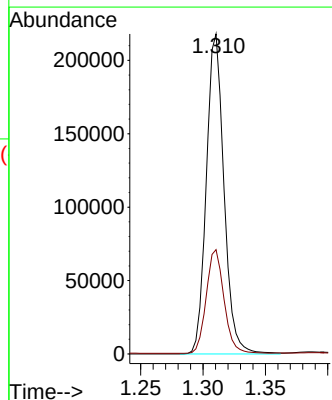
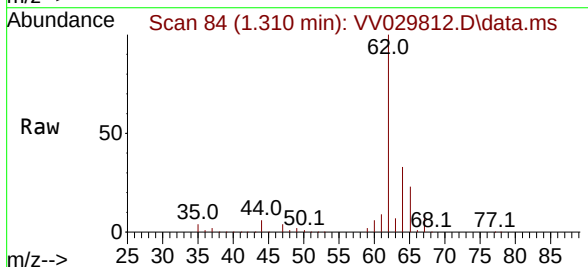
Instrument :
MSVOA_V
ClientSampleId :
BH1W8

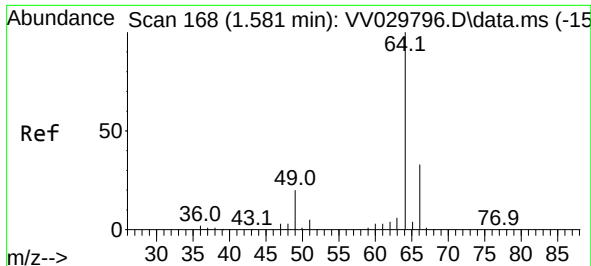
Tgt Ion: 50 Resp: 2663
Ion Ratio Lower Upper
50 100
52 32.8 23.1 42.9



#5
Vinyl chloride
Concen: 10.623 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.006 min
Lab File: VV029812.D
Acq: 13 Jan 2023 16:41

Tgt Ion: 62 Resp: 214622
Ion Ratio Lower Upper
62 100
64 32.6 23.2 43.2

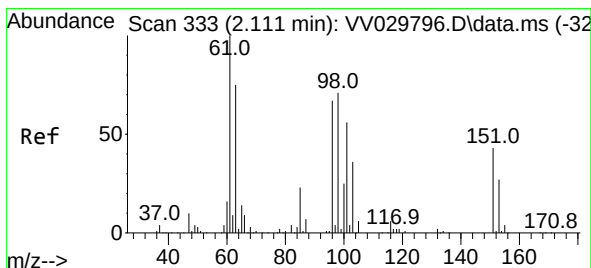
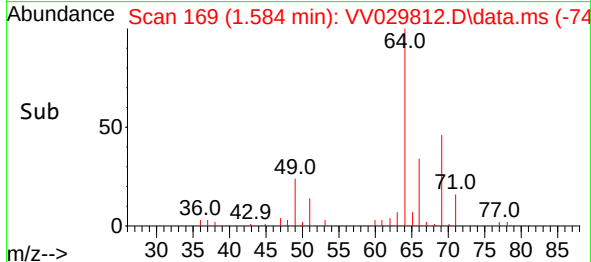
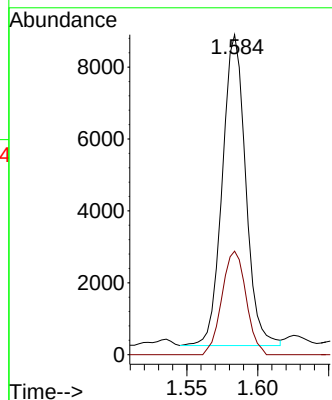
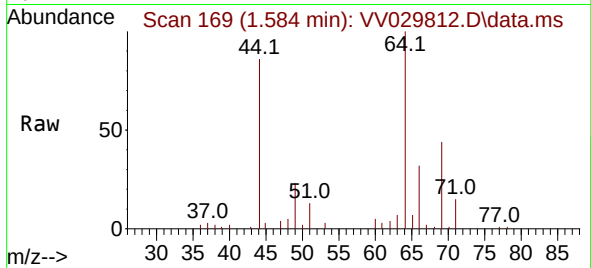




#8
Chloroethane
Concen: 0.810 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029812.D
Acq: 13 Jan 2023 16:41

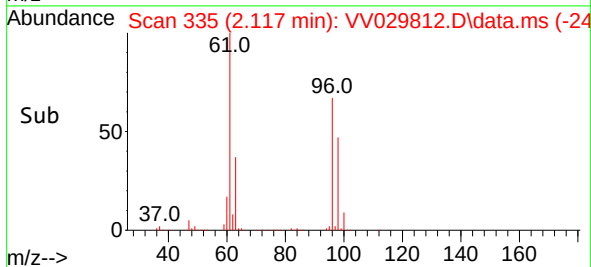
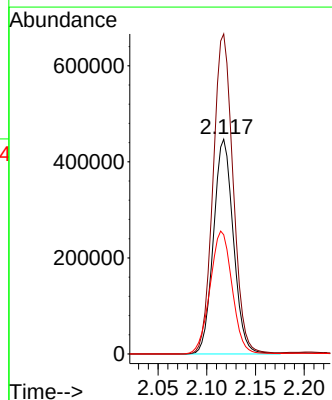
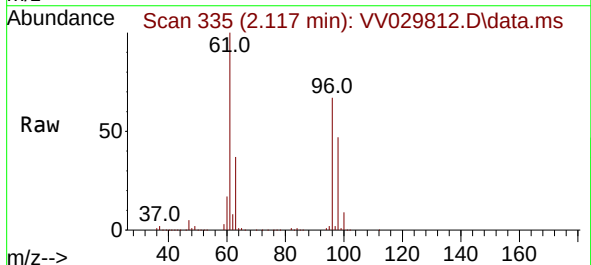
Instrument :
MSVOA_V
ClientSampleId :
BH1W8

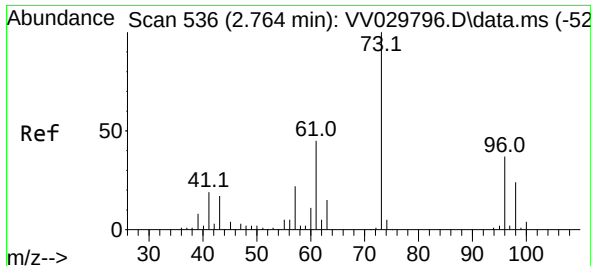
Tgt Ion: 64 Resp: 9926
Ion Ratio Lower Upper
64 100
66 32.3 22.9 42.5



#12
1,1-Dichloroethene
Concen: 35.403 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV029812.D
Acq: 13 Jan 2023 16:41

Tgt Ion: 96 Resp: 635901
Ion Ratio Lower Upper
96 100
61 149.0 106.1 197.1
63 55.5 76.4 141.8#

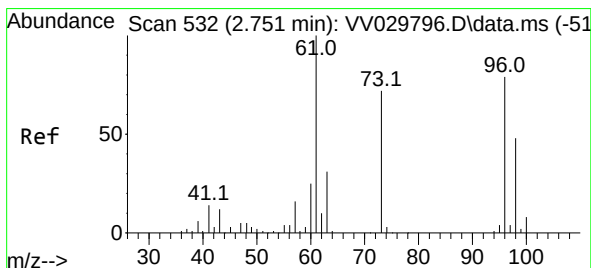
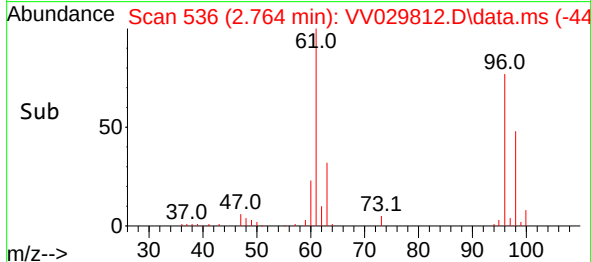
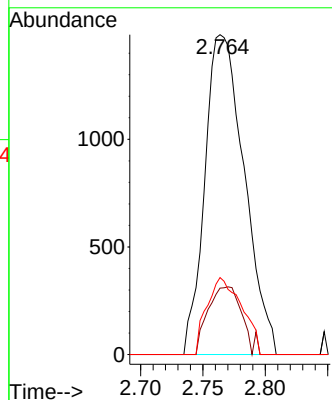
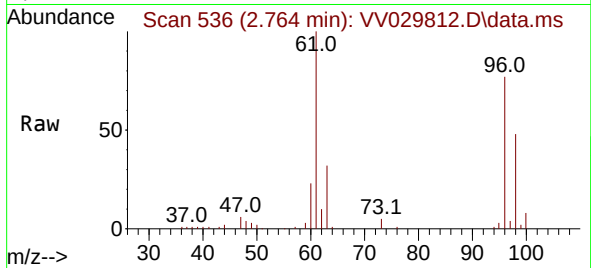




#17
Methyl tert-butyl Ether
Concen: 0.105 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029812.D
Acq: 13 Jan 2023 16:41

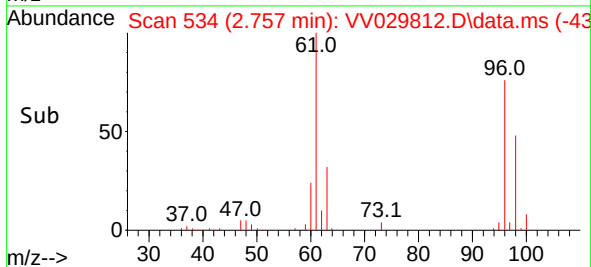
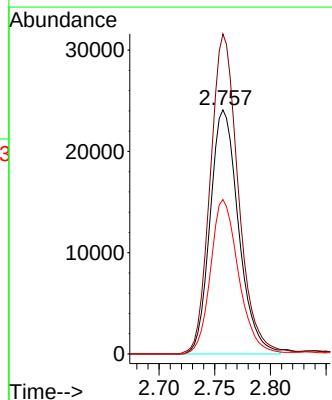
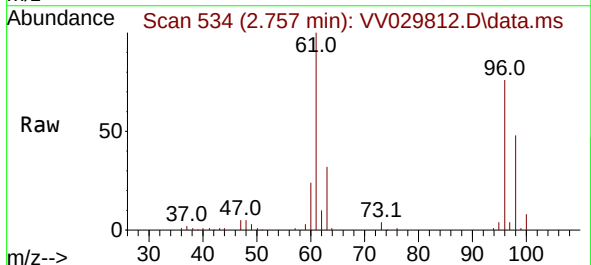
Instrument :
MSVOA_V
ClientSampleId :
BH1W8

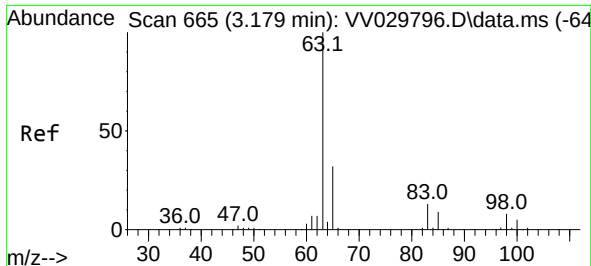
Tgt Ion: 73	Resp:	3273	
Ion	Ratio	Lower	Upper
73	100		
43	18.3	13.0	19.4
57	21.4	17.1	25.7



#18
trans-1,2-Dichloroethene
Concen: 2.565 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV029812.D
Acq: 13 Jan 2023 16:41

Tgt Ion: 96	Resp:	42825	
Ion	Ratio	Lower	Upper
96	100		
61	131.1	86.1	159.9
98	63.2	43.9	81.5





#19

1,1-Dichloroethane

Concen: 14.410 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029812.D

Acq: 13 Jan 2023 16:41

Instrument :

MSVOA_V

ClientSampleId :

BH1W8

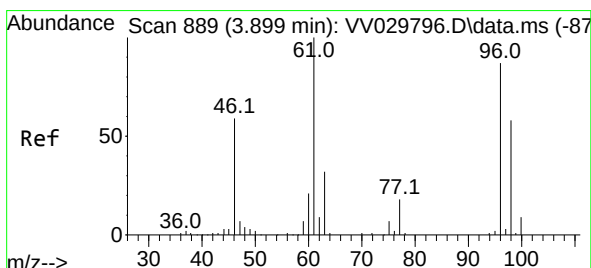
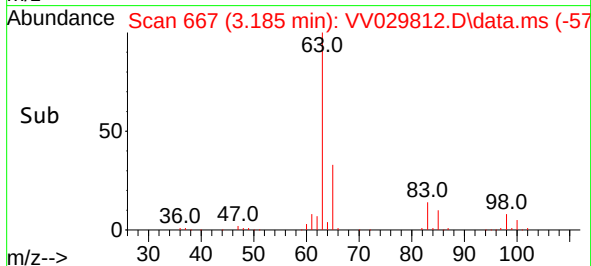
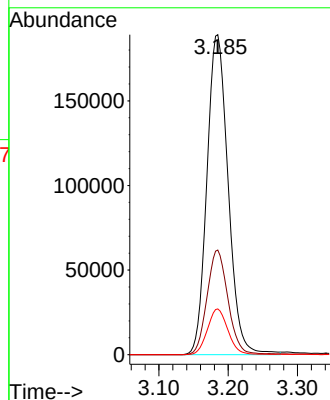
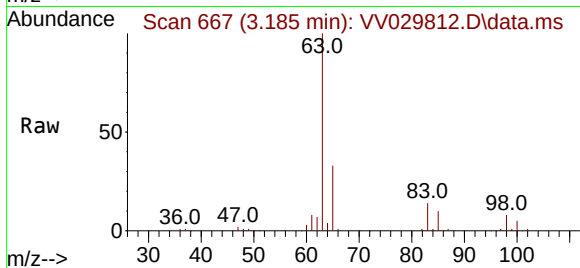
Tgt Ion: 63 Resp: 402493

Ion Ratio Lower Upper

63 100

65 32.7 22.4 41.6

83 14.3 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 8.765 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029812.D

Acq: 13 Jan 2023 16:41

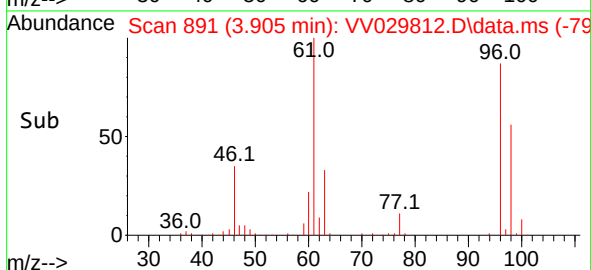
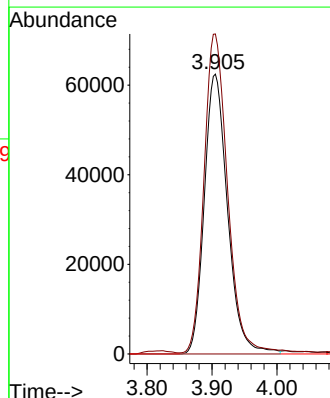
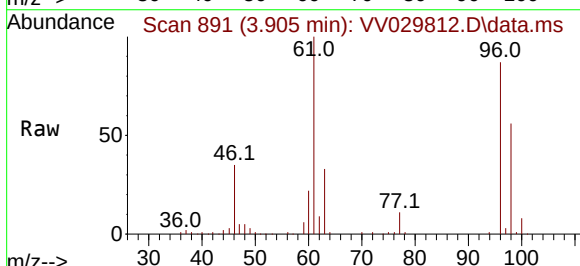
Tgt Ion: 96 Resp: 155943

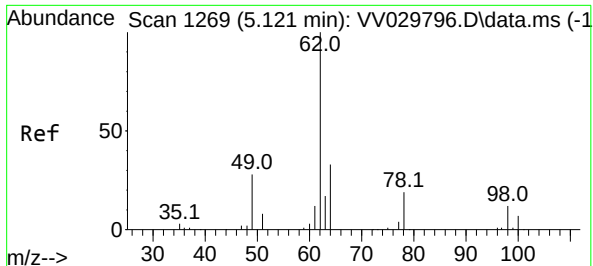
Ion Ratio Lower Upper

96 100

61 114.3 80.0 148.6

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 1.353 ug/L

RT: 5.130 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV029812.D

Acq: 13 Jan 2023 16:41

Instrument :

MSVOA_V

ClientSampleId :

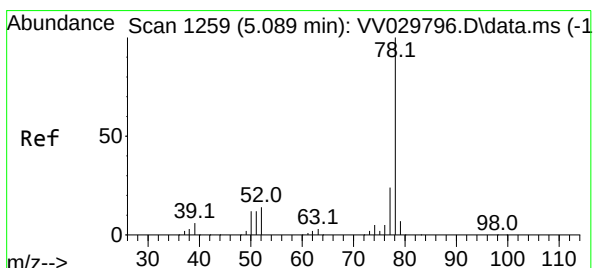
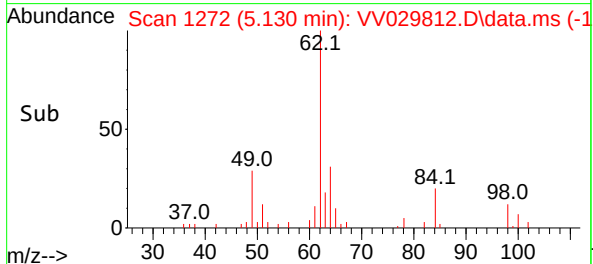
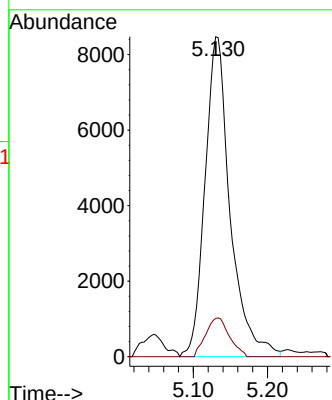
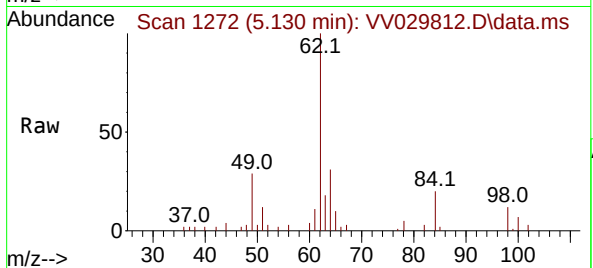
BH1W8

Tgt Ion: 62 Resp: 19962

Ion Ratio Lower Upper

62 100

98 11.9 8.9 13.3



#33

Benzene

Concen: 0.072 ug/L

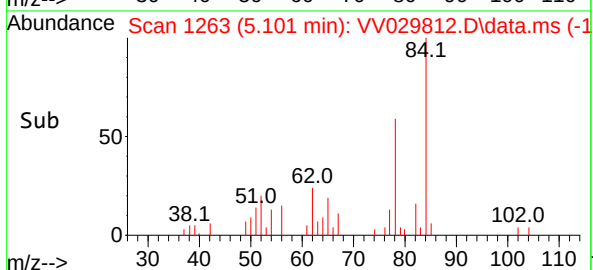
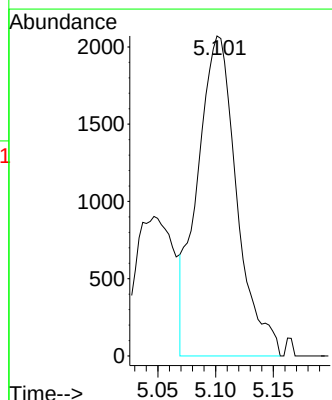
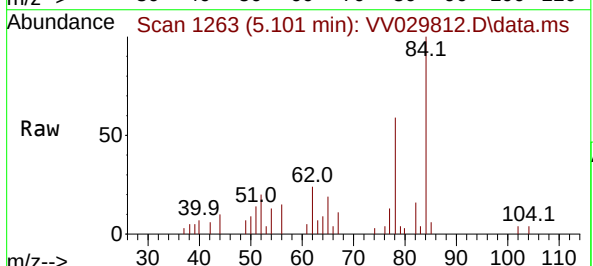
RT: 5.101 min Scan# 1263

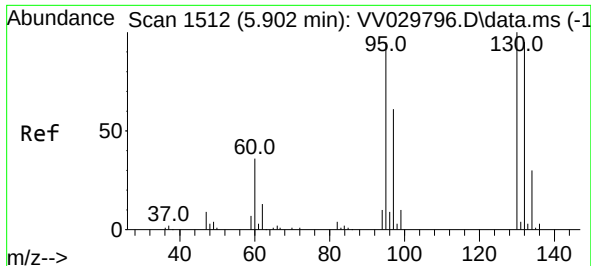
Delta R.T. 0.013 min

Lab File: VV029812.D

Acq: 13 Jan 2023 16:41

Tgt Ion: 78 Resp: 4909





#34

Trichloroethene

Concen: 30.027 ug/L

RT: 5.905 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV029812.D

Acq: 13 Jan 2023 16:41

Instrument :

MSVOA_V

ClientSampleId :

BH1W8

Tgt Ion: 95 Resp: 516629

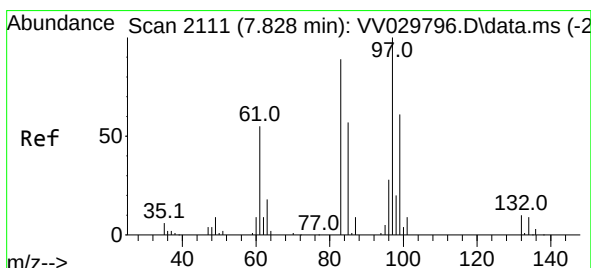
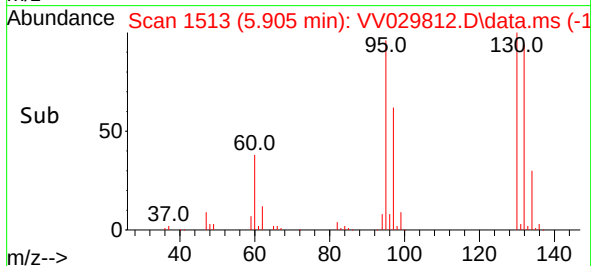
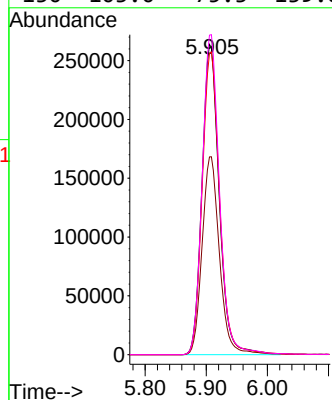
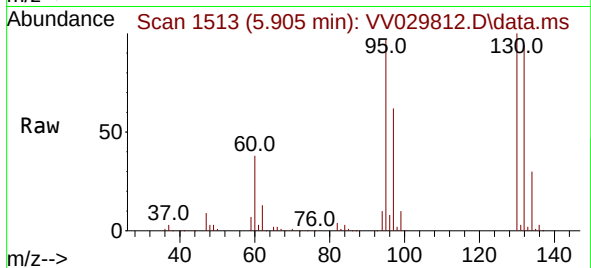
Ion Ratio Lower Upper

95 100

97 63.7 44.9 83.3

132 97.0 71.8 133.4

130 103.0 75.3 139.8



#45

1,1,2-Trichloroethane

Concen: 0.180 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VV029812.D

Acq: 13 Jan 2023 16:41

Tgt Ion: 97 Resp: 2057

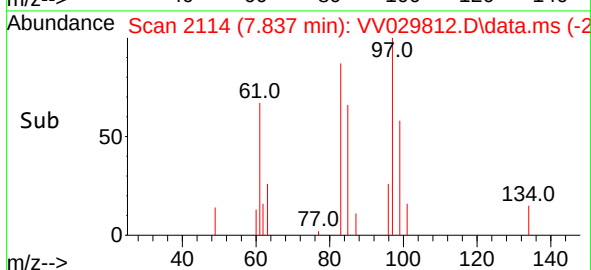
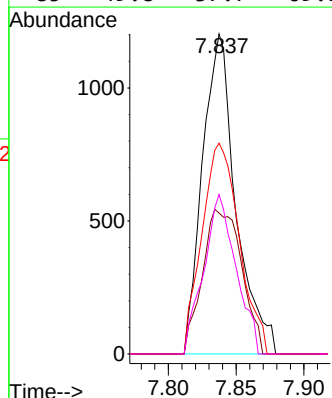
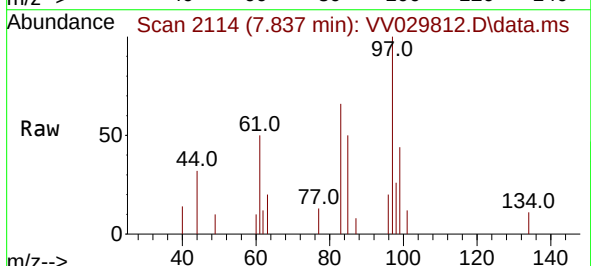
Ion Ratio Lower Upper

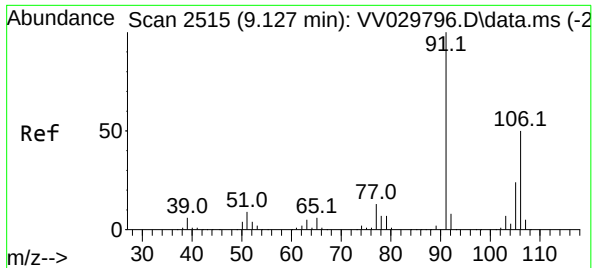
97 100

99 44.1 41.9 77.7

83 65.8 58.7 109.1

85 49.8 37.7 69.9





#53
 m,p-Xylene
 Concen: 0.073 ug/L
 RT: 9.133 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029812.D
 Acq: 13 Jan 2023 16:41

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W8

Tgt Ion:106 Resp: 2212
 Ion Ratio Lower Upper
 106 100
 91 193.7 138.7 257.7

