

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091622\
 Data File : VW027873.D
 Acq On : 16 Sep 2022 11:36
 Operator : SY/MD
 Sample : N4652-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 22:06:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 22:04:36 2022
 Response via : Initial Calibration

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

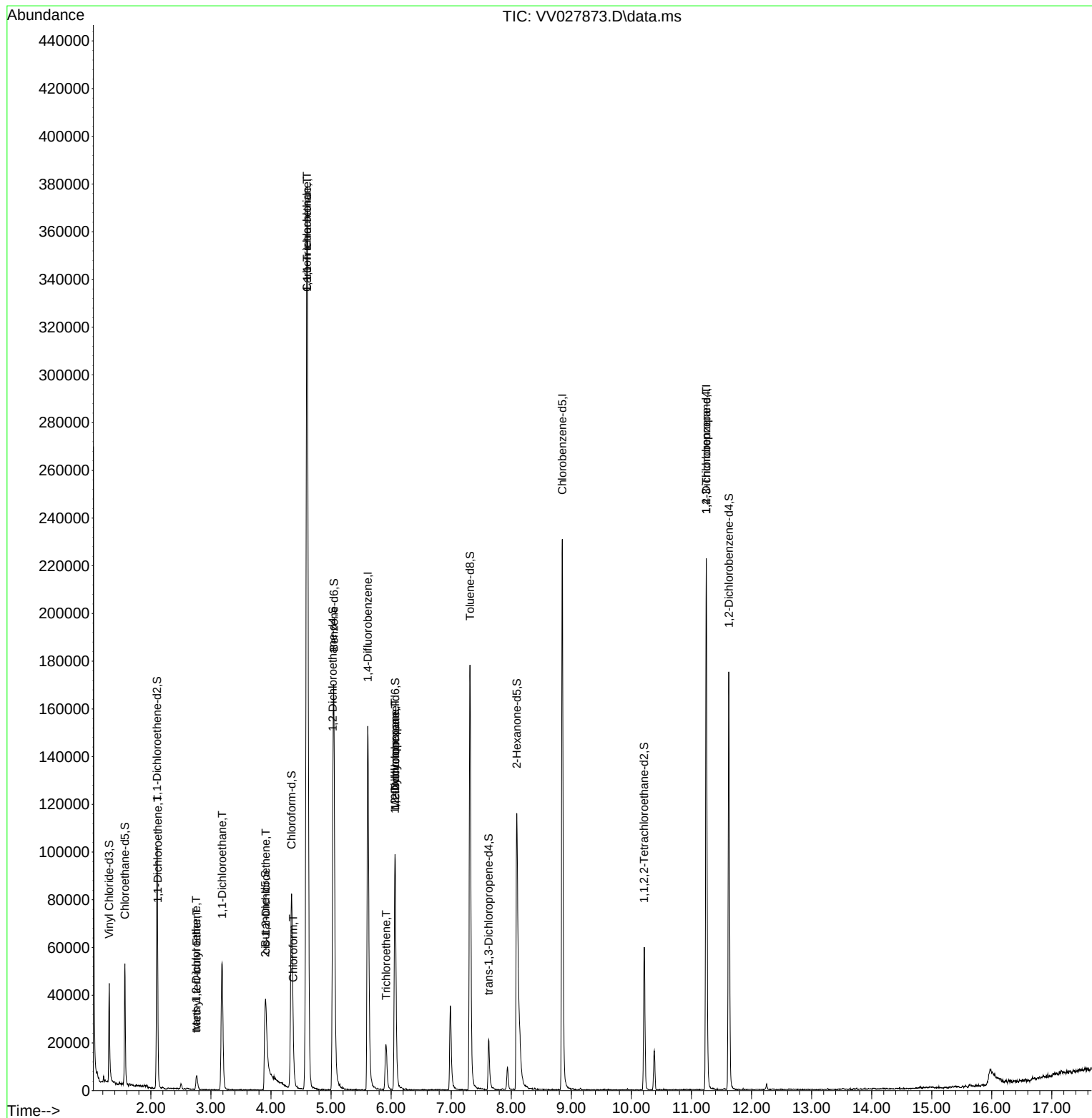
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	138424	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63585	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31566	3.459	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.567	69	33136	4.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.104	63	51154	2.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.800%#
20) 2-Butanone-d5	3.905	46	44311	21.913	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	43.820%
24) Chloroform-d	4.342	84	87837	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.030	65	44445	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.046	84	158238	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.066	67	44988	3.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.313	98	128056	3.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.625	79	13528	3.515	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.091	63	48549	33.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.880%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	27613	3.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	47132	4.512	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	3061	0.334	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	2618	0.120	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	1491	0.154	ug/L	90
19) 1,1-Dichloroethane	3.185	63	52789	2.904	ug/L	99
22) cis-1,2-Dichloroethene	3.911	96	11770	1.115	ug/L #	92
25) Chloroform	4.371	83	3033	0.150	ug/L	95
29) 1,1,1-Trichloroethane	4.600	97	311089	14.977	ug/L	96
31) Carbon tetrachloride	4.600	117	38510	2.182	ug/L	99
34) Trichloroethene	5.915	95	6754	0.605	ug/L	95
35) Methylcyclohexane	6.066	83	12199	0.712	ug/L #	19
37) 1,2-Dichloropropane	6.063	63	5687	0.537	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	5990	1.190	ug/L #	63

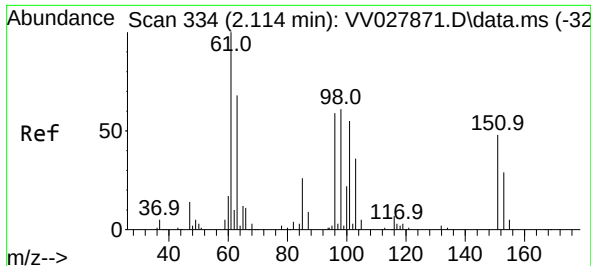
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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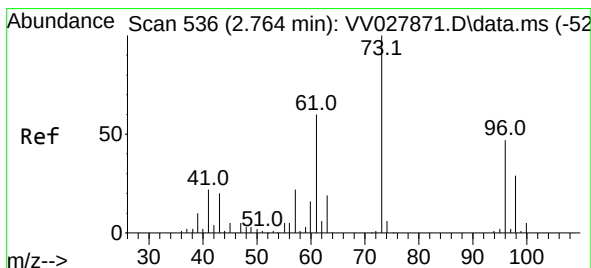
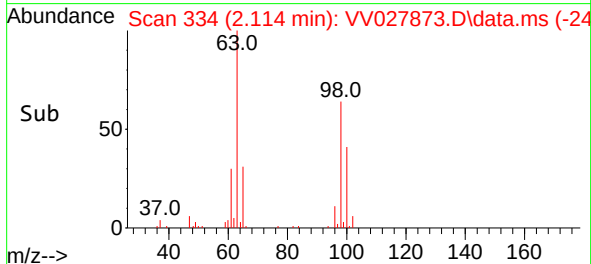
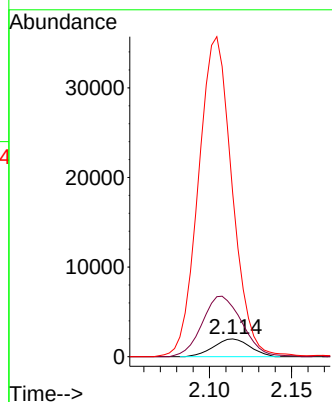
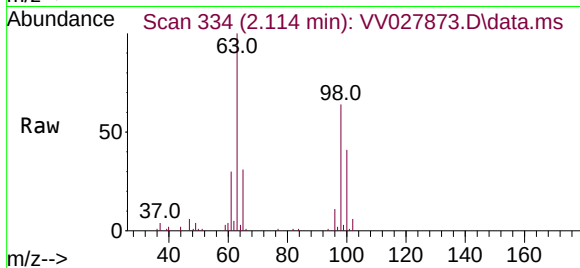




#12
 1,1-Dichloroethene
 Concen: 0.334 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027873.D
 Acq: 16 Sep 2022 11:36

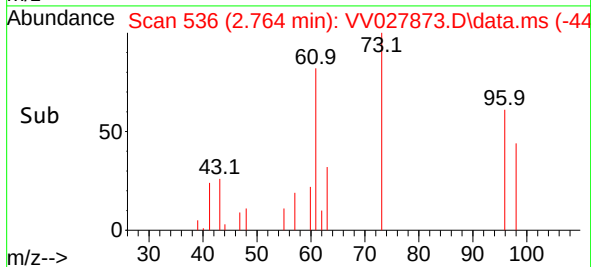
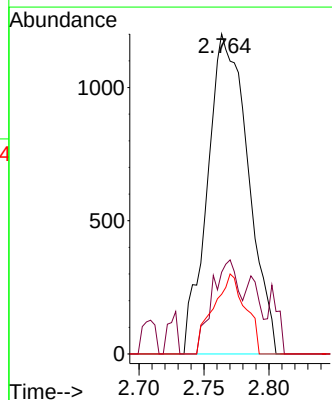
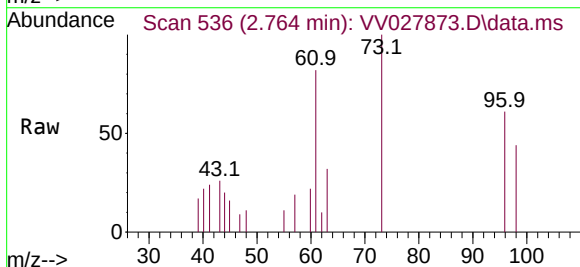
Instrument :
 MSVOA_V
 ClientSampleId :

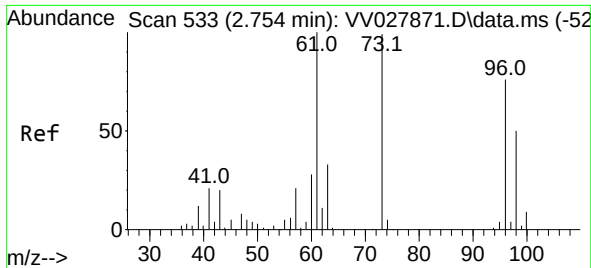
Tgt Ion: 96 Resp: 3061
 Ion Ratio Lower Upper
 96 100
 61 279.4 129.9 241.3#
 63 921.1 94.6 175.8#



#17
 Methyl tert-butyl Ether
 Concen: 0.120 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. -0.000 min
 Lab File: VV027873.D
 Acq: 16 Sep 2022 11:36

Tgt Ion: 73 Resp: 2618
 Ion Ratio Lower Upper
 73 100
 43 19.4 17.5 26.3
 57 19.7 16.9 25.3

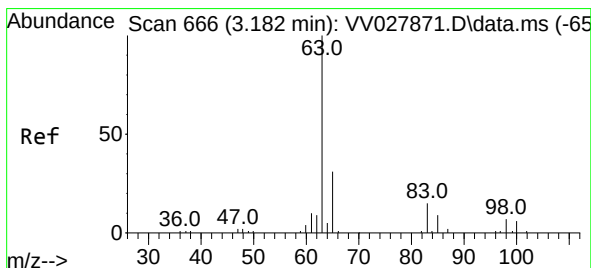
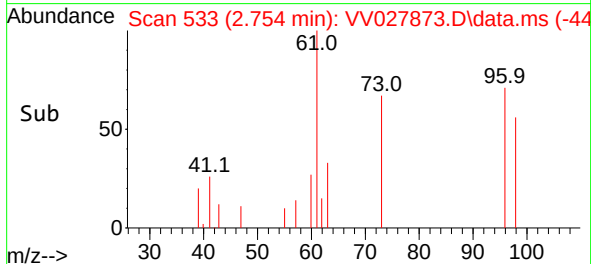
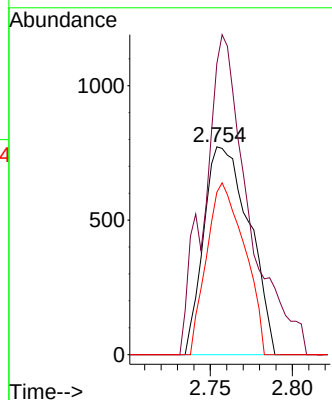
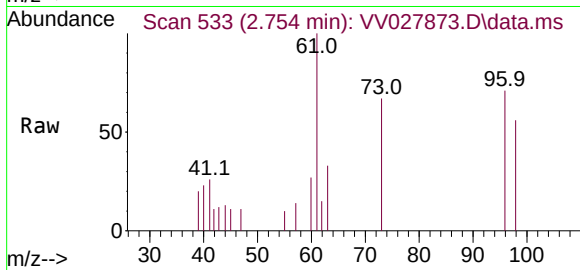




#18
 trans-1,2-Dichloroethene
 Concen: 0.154 ug/L
 RT: 2.754 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VV027873.D
 Acq: 16 Sep 2022 11:36

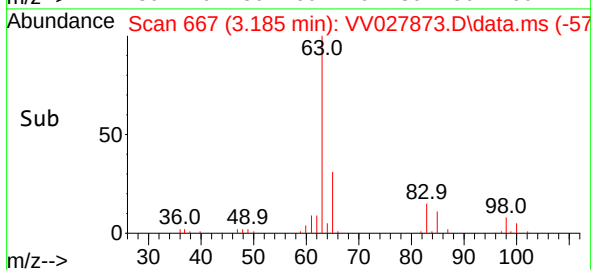
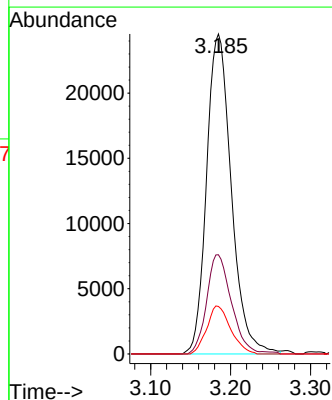
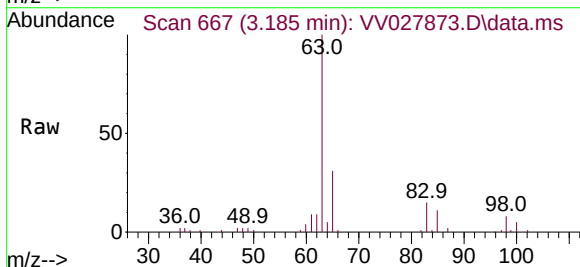
Instrument :
 MSVOA_V
 ClientSampleId :

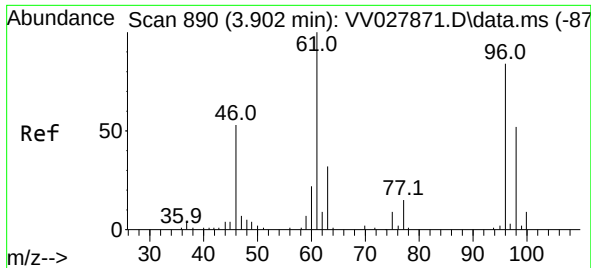
Tgt Ion: 96 Resp: 1491
 Ion Ratio Lower Upper
 96 100
 61 140.0 102.6 190.5
 98 78.1 44.0 81.8



#19
 1,1-Dichloroethane
 Concen: 2.904 ug/L
 RT: 3.185 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV027873.D
 Acq: 16 Sep 2022 11:36

Tgt Ion: 63 Resp: 52789
 Ion Ratio Lower Upper
 63 100
 65 31.0 22.0 41.0
 83 14.8 10.1 18.9

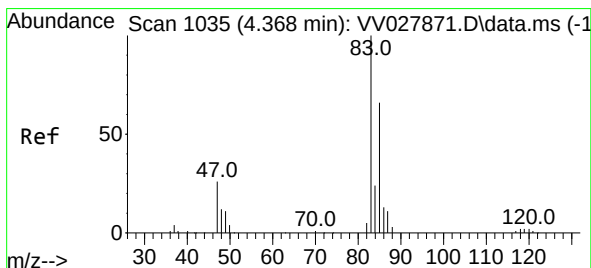
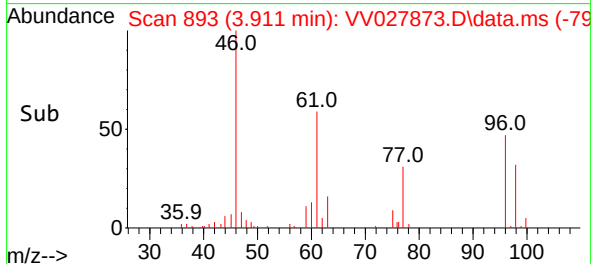
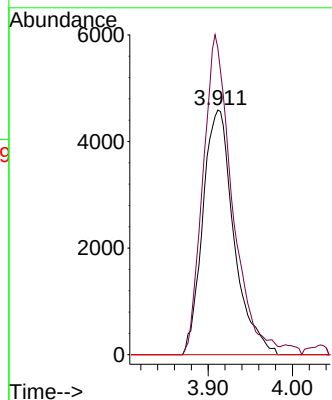
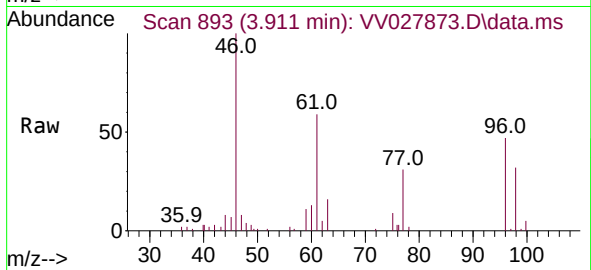




#22
 cis-1,2-Dichloroethene
 Concen: 1.115 ug/L
 RT: 3.911 min Scan# 891
 Delta R.T. 0.009 min
 Lab File: VV027873.D
 Acq: 16 Sep 2022 11:36

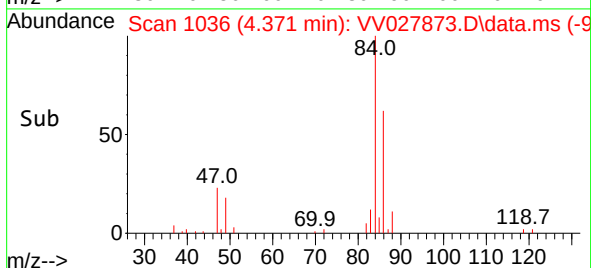
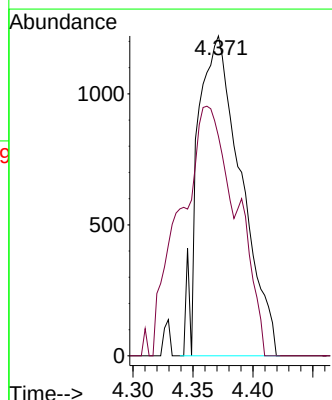
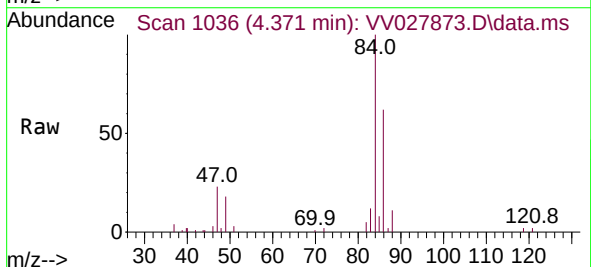
Instrument :
 MSVOA_V
 ClientSampleId :

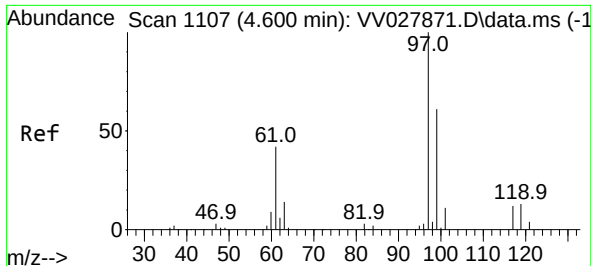
Tgt Ion: 96 Resp: 11770
 Ion Ratio Lower Upper
 96 100
 61 125.4 94.6 175.6
 68 0.0 0.3 0.5#



#25
 Chloroform
 Concen: 0.150 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VV027873.D
 Acq: 16 Sep 2022 11:36

Tgt Ion: 83 Resp: 3033
 Ion Ratio Lower Upper
 83 100
 85 68.6 45.4 84.2





#29

1,1,1-Trichloroethane

Concen: 14.977 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV027873.D

Acq: 16 Sep 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

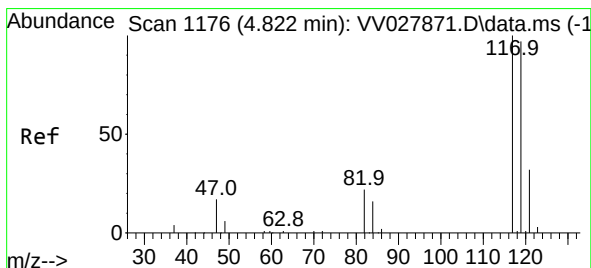
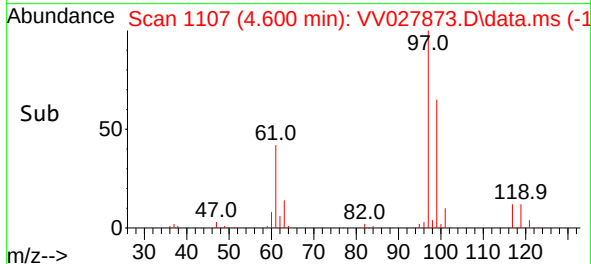
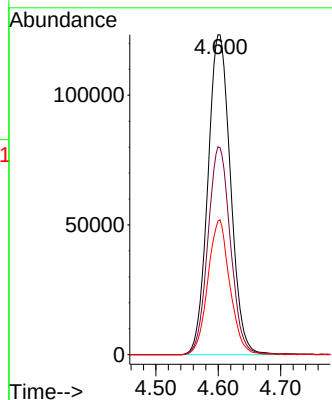
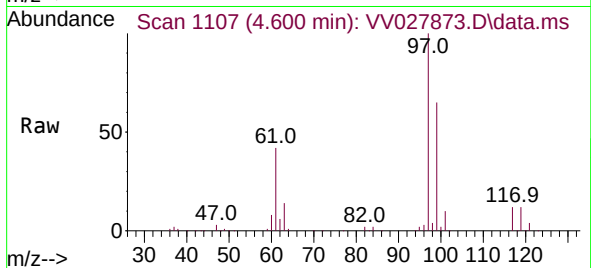
Tgt Ion: 97 Resp: 311089

Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

61 40.9 36.2 54.4



#31

Carbon tetrachloride

Concen: 2.182 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.222 min

Lab File: VV027873.D

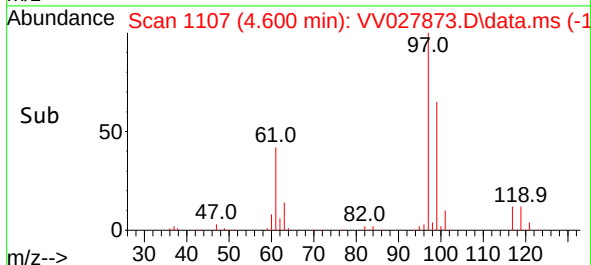
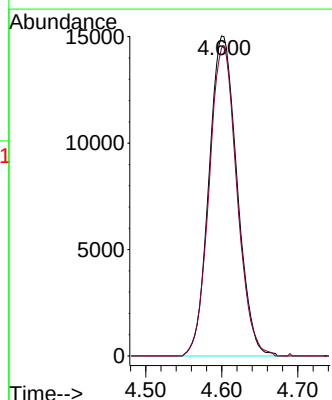
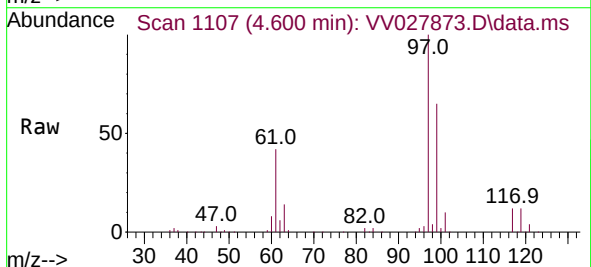
Acq: 16 Sep 2022 11:36

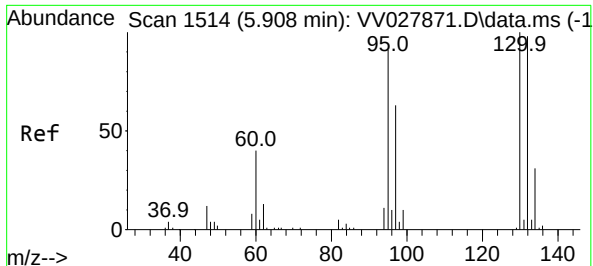
Tgt Ion: 117 Resp: 38510

Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8





#34

Trichloroethene

Concen: 0.605 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027873.D

Acq: 16 Sep 2022 11:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6754

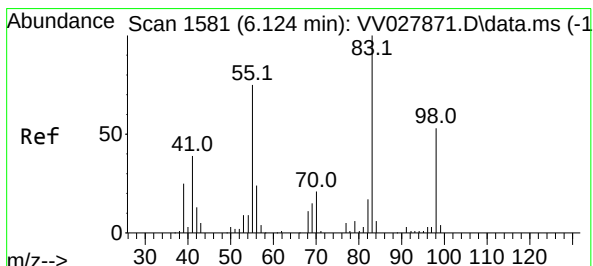
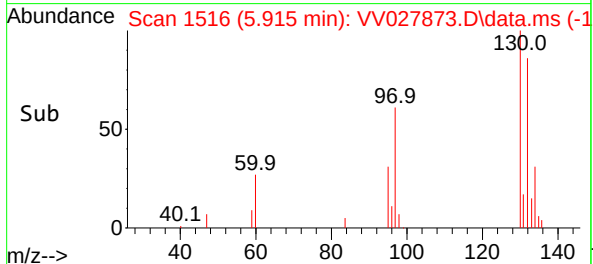
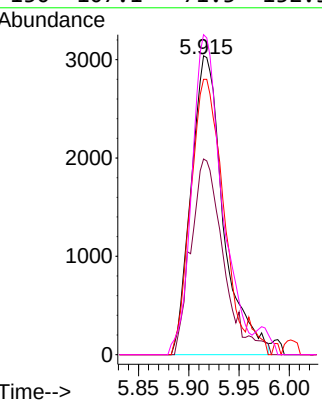
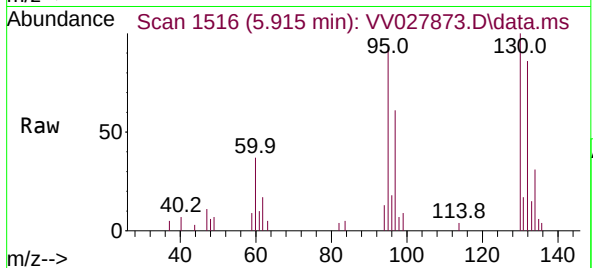
Ion Ratio Lower Upper

95 100

97 65.5 42.9 79.7

132 92.1 67.9 126.1

130 107.1 71.3 132.3



#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV027873.D

Acq: 16 Sep 2022 11:36

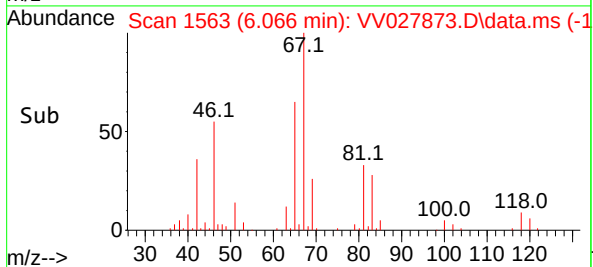
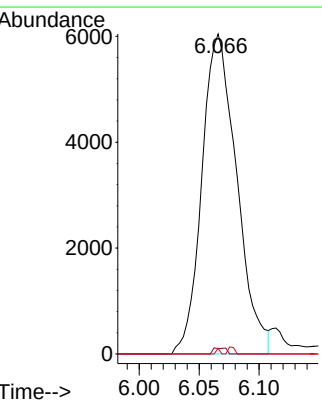
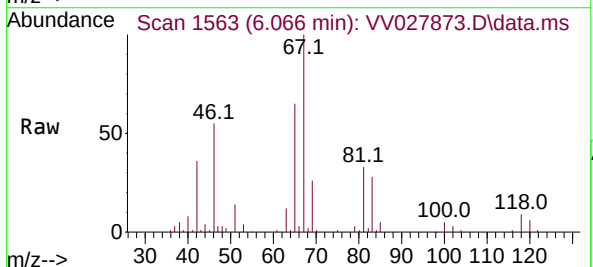
Tgt Ion: 83 Resp: 12199

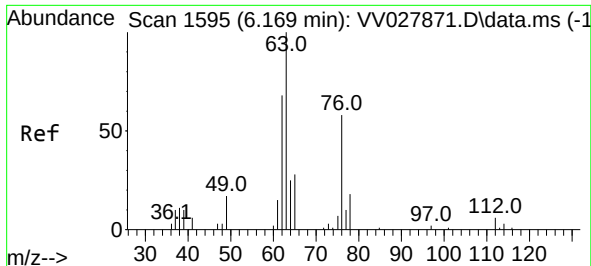
Ion Ratio Lower Upper

83 100

55 0.7 61.9 92.9#

98 0.4 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.537 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV027873.D

Acq: 16 Sep 2022 11:36

Instrument :

MSVOA_V

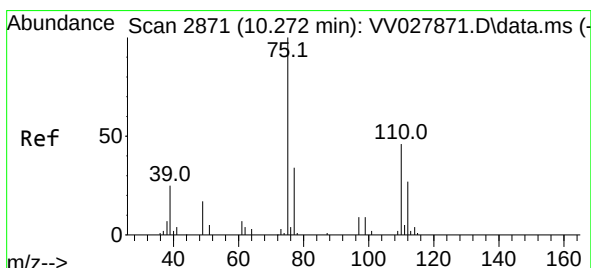
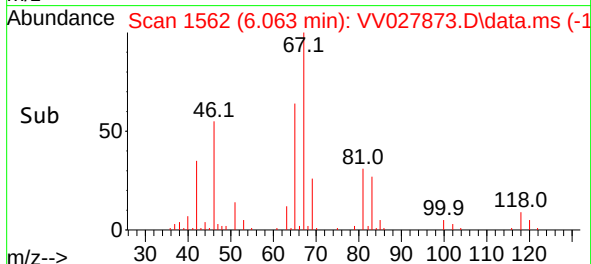
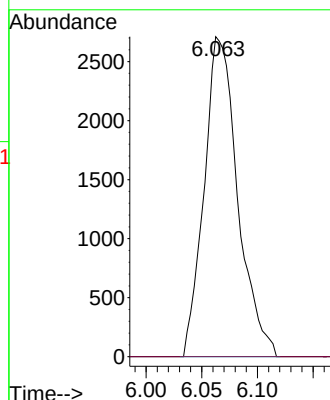
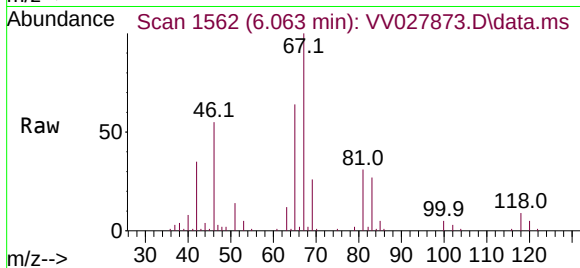
ClientSampleId :

Tgt Ion: 63 Resp: 5687

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.190 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027873.D

Acq: 16 Sep 2022 11:36

Tgt Ion: 75 Resp: 5990

Ion Ratio Lower Upper

75 100

77 35.1 27.6 41.4

110 2.5 35.6 53.4#

