

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012523\
 Data File : VW029948.D
 Acq On : 25 Jan 2023 17:29
 Operator : SY/MD
 Sample : 01292-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL62

Quant Time: Jan 25 22:15:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 22:12:17 2023
 Response via : Initial Calibration

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

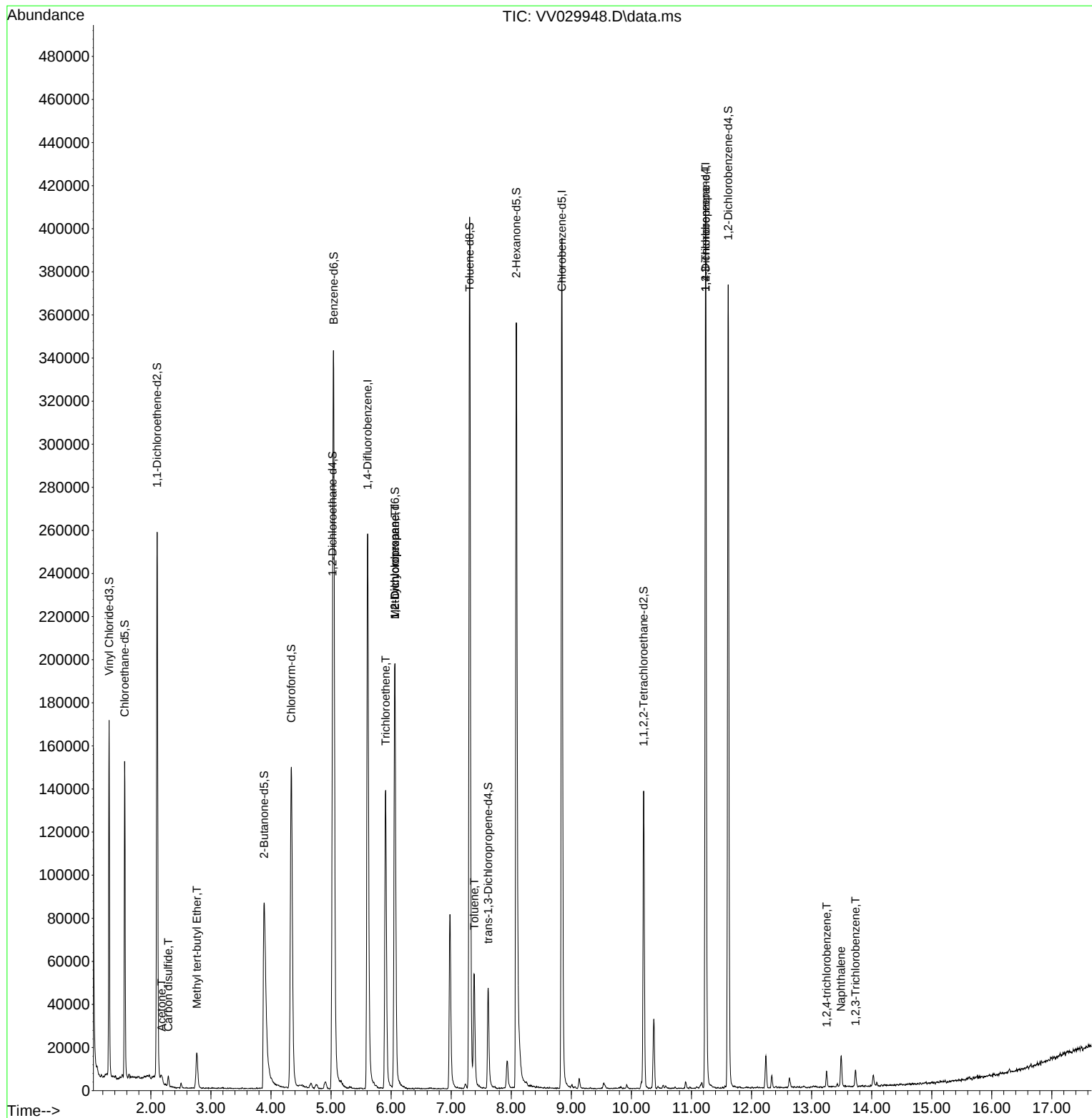
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	232924	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	229990	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	113555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	101221	5.729	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.600%
7) Chloroethane-d5	1.564	69	90792	6.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.000%
11) 1,1-Dichloroethene-d2	2.104	63	134030	4.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.886	46	160694	51.318	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.640%
24) Chloroform-d	4.339	84	160353	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.024	65	71344	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.043	84	338969	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.063	67	106558	5.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.307	98	282210	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.616	79	29479	4.043	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.085	63	133889	45.101	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.200%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	71164	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	101637	4.923	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
13) Acetone	2.178	43	4588	2.053	ug/L	96
14) Carbon disulfide	2.291	76	5399	0.094	ug/L #	94
17) Methyl tert-butyl Ether	2.767	73	16123	0.469	ug/L	97
34) Trichloroethene	5.908	95	52195	2.709	ug/L	97
35) Methylcyclohexane	6.063	83	23855	0.733	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	10161	0.571	ug/L #	85
42) Toluene	7.384	91	40367	0.492	ug/L	99
61) 1,2,3-Trichloropropane	11.236	75	13230	1.573	ug/L #	64
70) 1,2,4-trichlorobenzene	13.252	180	2770	0.119	ug/L	98
71) Naphthalene	13.490	128	12577	0.419	ug/L	97
72) 1,2,3-Trichlorobenzene	13.731	180	2794	0.145	ug/L #	93

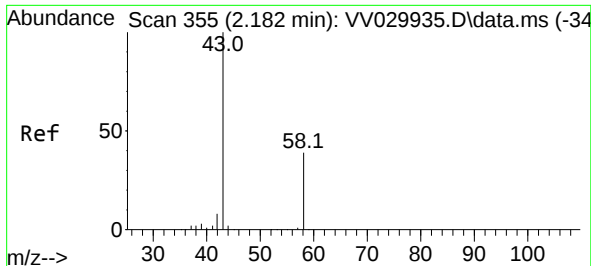
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.053 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029948.D

Acq: 25 Jan 2023 17:29

Instrument :

MSVOA_V

ClientSampleId :

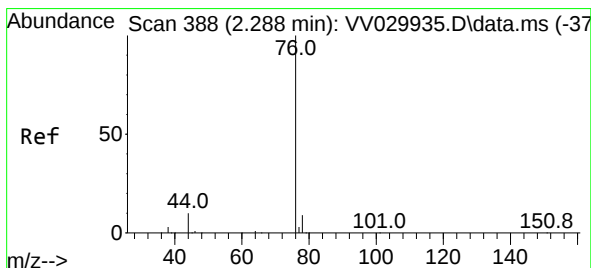
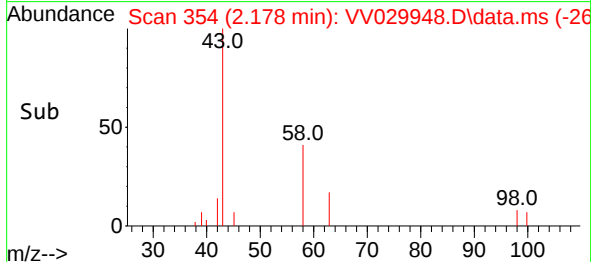
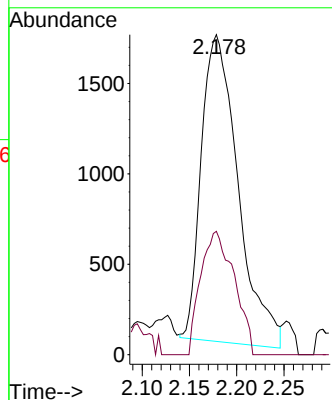
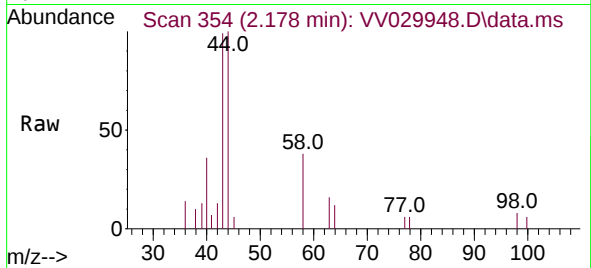
C0L62

Tgt Ion: 43 Resp: 4588

Ion Ratio Lower Upper

43 100

58 36.7 0.0 68.8



#14

Carbon disulfide

Concen: 0.094 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV029948.D

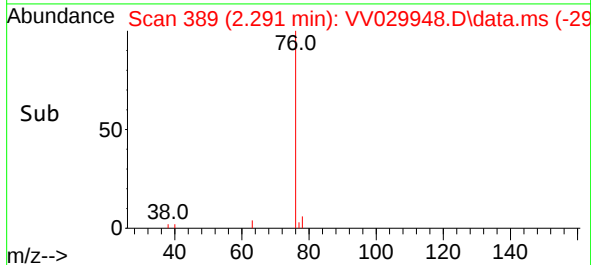
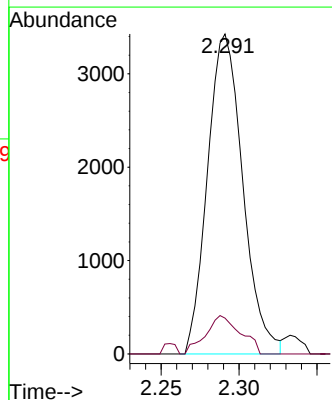
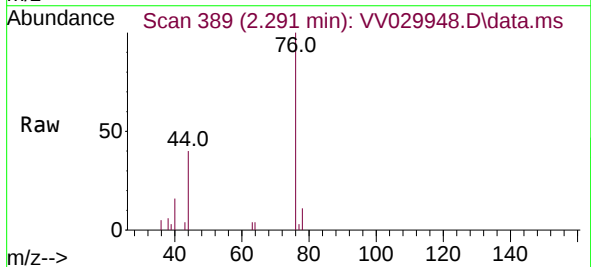
Acq: 25 Jan 2023 17:29

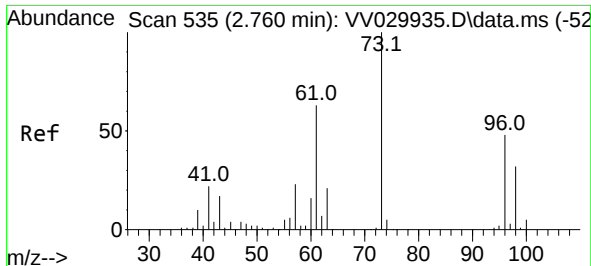
Tgt Ion: 76 Resp: 5399

Ion Ratio Lower Upper

76 100

78 11.2 7.4 11.0#

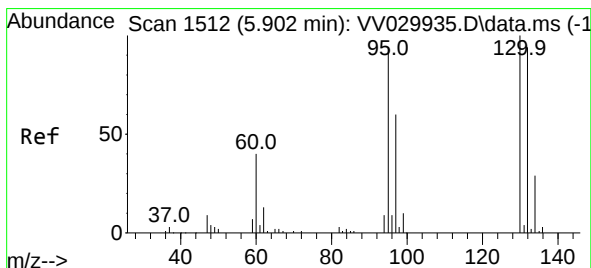
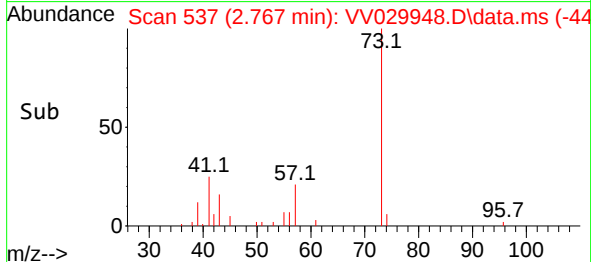
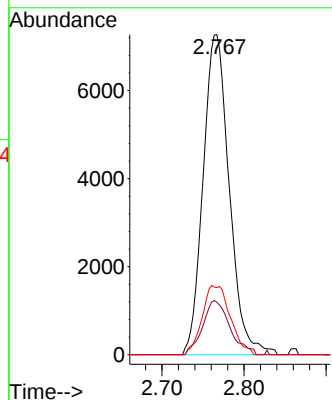
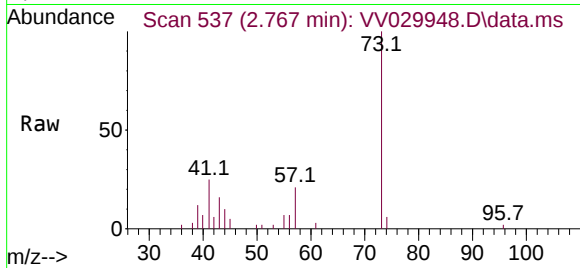




#17
Methyl tert-butyl Ether
Concen: 0.469 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029948.D
Acq: 25 Jan 2023 17:29

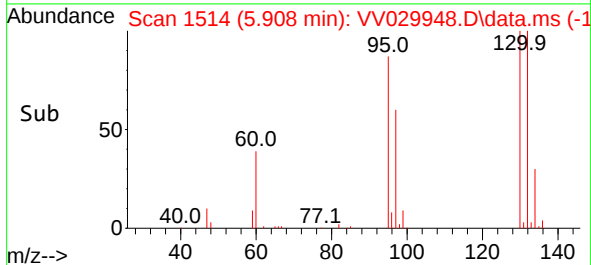
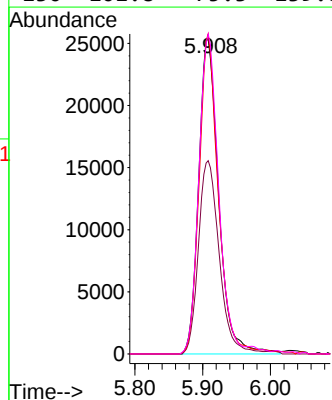
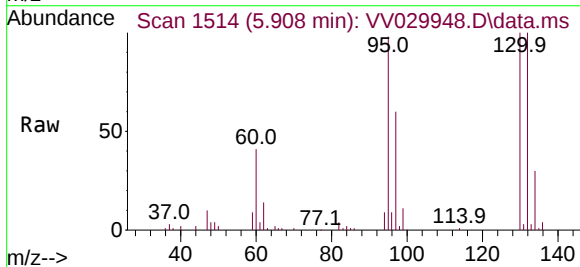
Instrument :
MSVOA_V
ClientSampleId :
COL62

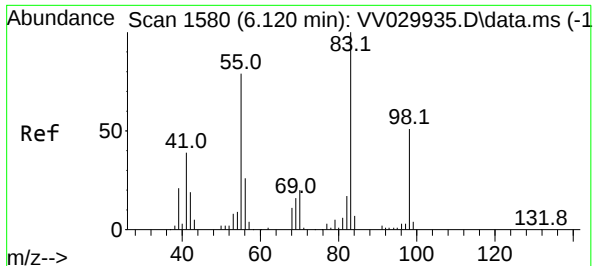
Tgt Ion: 73	Resp:	16123
Ion	Ratio	Lower Upper
73	100	
43	17.6	13.0 19.4
57	23.1	17.1 25.7



#34
Trichloroethene
Concen: 2.709 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VV029948.D
Acq: 25 Jan 2023 17:29

Tgt Ion: 95	Resp:	52195
Ion	Ratio	Lower Upper
95	100	
97	61.5	44.9 83.3
132	101.8	71.8 133.4
130	101.8	75.3 139.8





#35

Methylcyclohexane

Concen: 0.733 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029948.D

Acq: 25 Jan 2023 17:29

Instrument :

MSVOA_V

ClientSampleId :

COL62

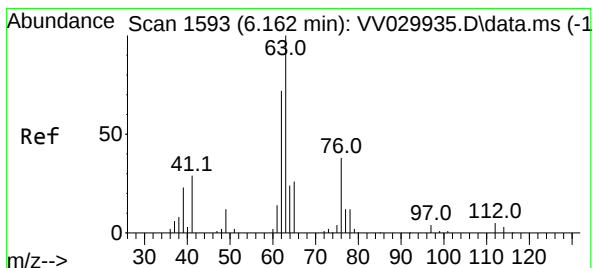
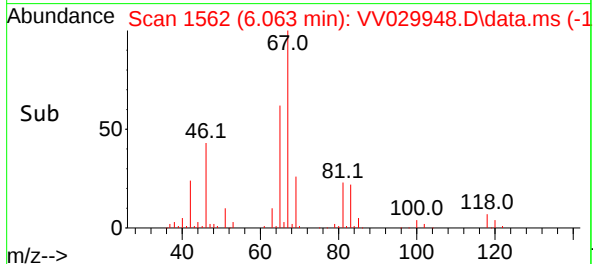
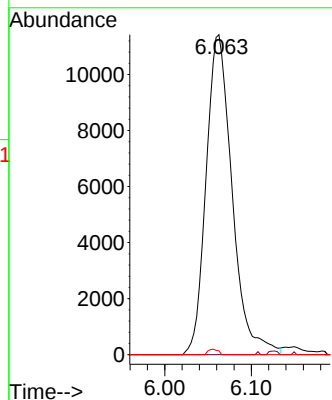
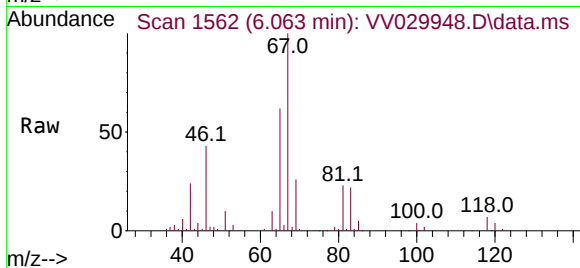
Tgt Ion: 83 Resp: 23855

Ion Ratio Lower Upper

83 100

55 0.1 57.3 85.9#

98 0.6 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.100 min

Lab File: VV029948.D

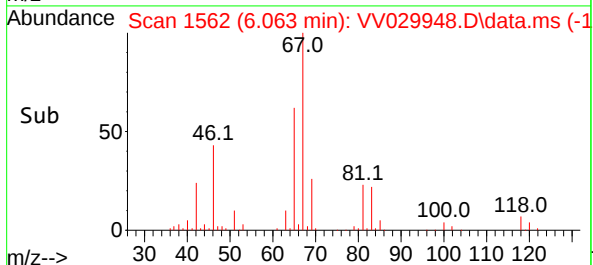
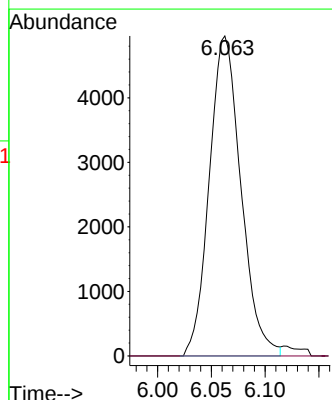
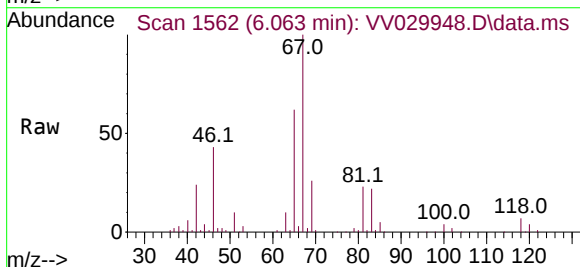
Acq: 25 Jan 2023 17:29

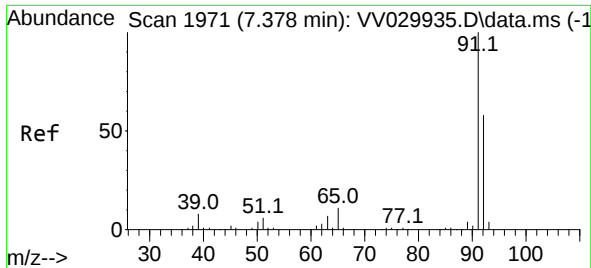
Tgt Ion: 63 Resp: 10161

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#42

Toluene

Concen: 0.492 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.006 min

Lab File: VV029948.D

Acq: 25 Jan 2023 17:29

Instrument :

MSVOA_V

ClientSampleId :

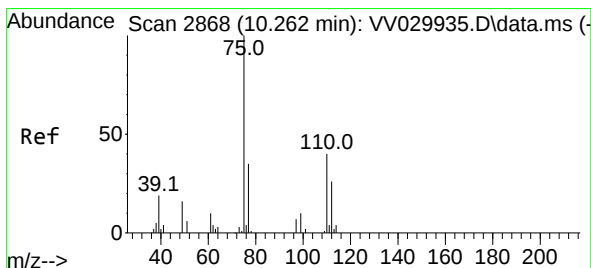
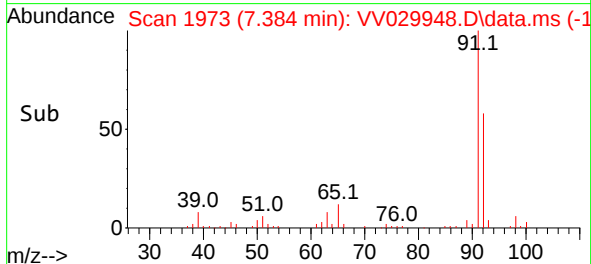
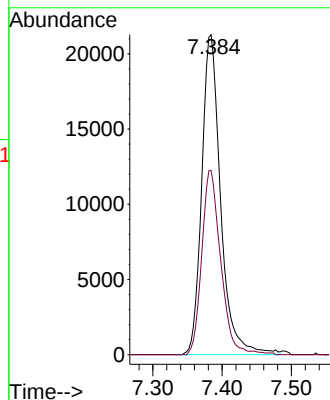
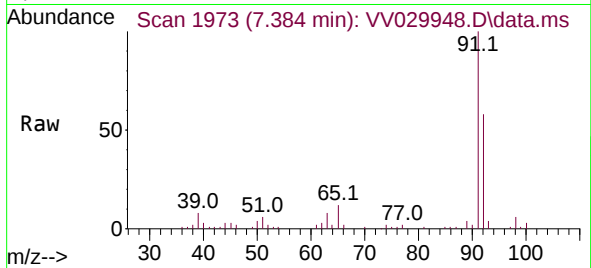
COL62

Tgt Ion: 91 Resp: 40367

Ion Ratio Lower Upper

91 100

92 57.6 40.6 75.4



#61

1,2,3-Trichloropropane

Concen: 1.573 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029948.D

Acq: 25 Jan 2023 17:29

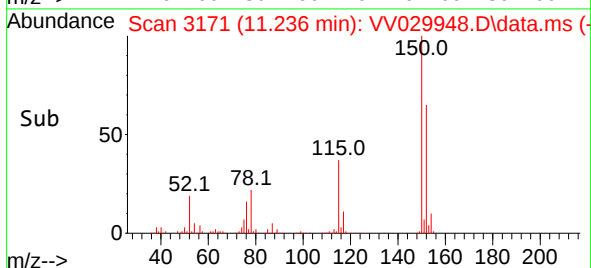
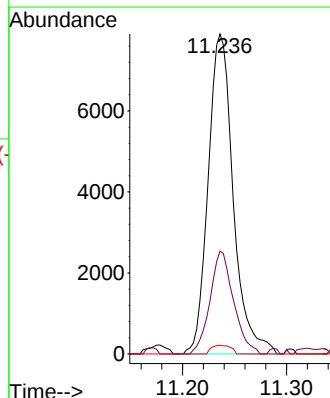
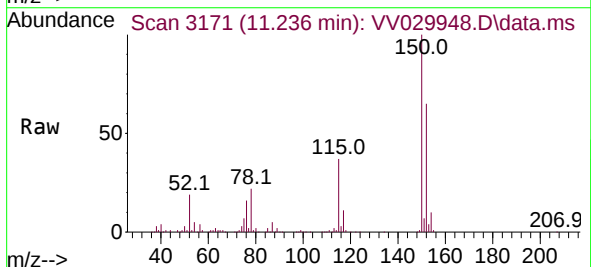
Tgt Ion: 75 Resp: 13230

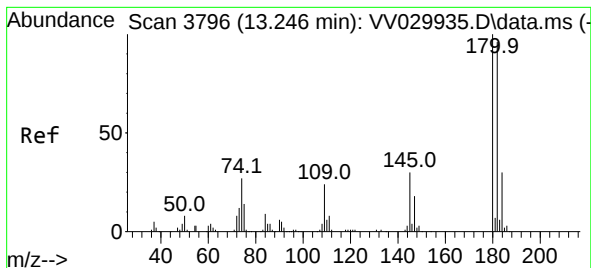
Ion Ratio Lower Upper

75 100

77 30.2 26.5 39.7

110 2.1 31.8 47.8#





#70

1,2,4-trichlorobenzene

Concen: 0.119 ug/L

RT: 13.252 min Scan# 3796

Delta R.T. 0.006 min

Lab File: VV029948.D

Acq: 25 Jan 2023 17:29

Instrument :

MSVOA_V

ClientSampleId :

COL62

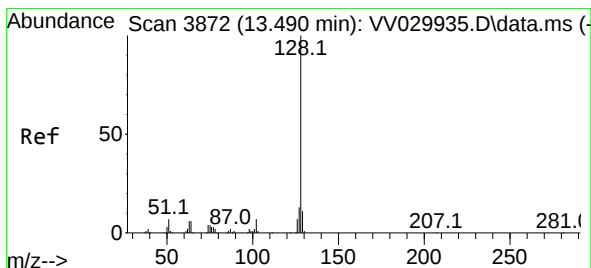
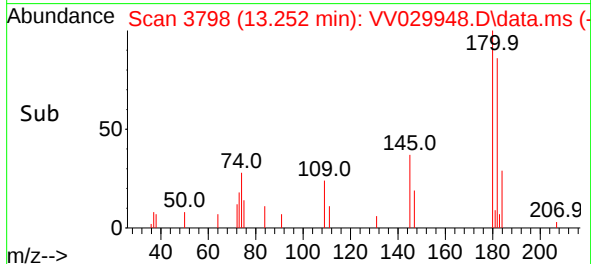
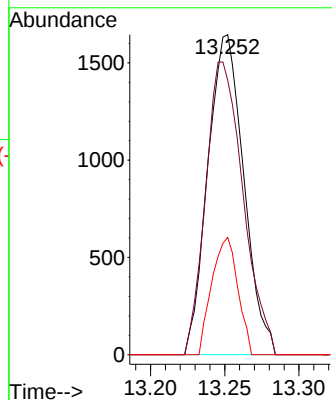
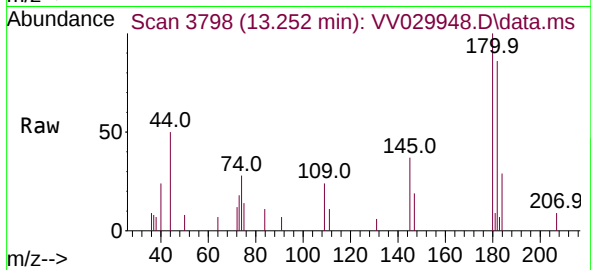
Tgt Ion:180 Resp: 2770

Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.8

145 26.4 23.7 35.5



#71

Naphthalene

Concen: 0.419 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.000 min

Lab File: VV029948.D

Acq: 25 Jan 2023 17:29

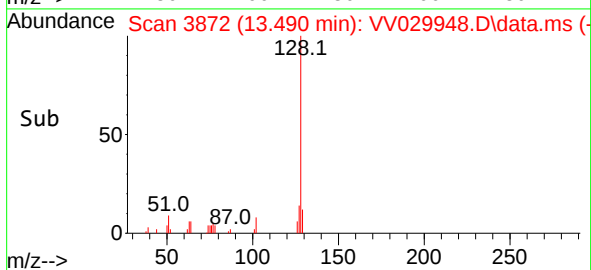
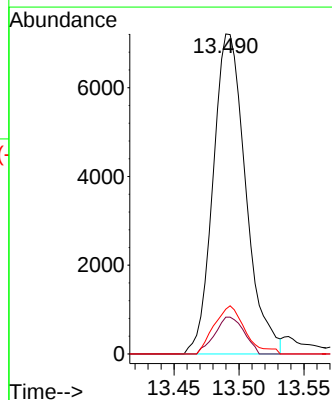
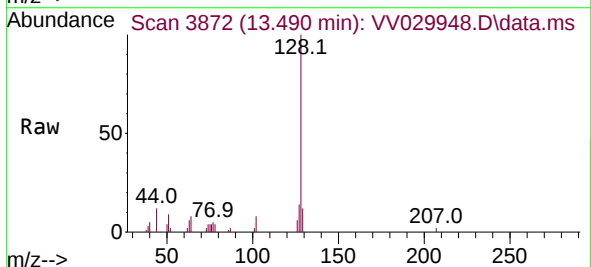
Tgt Ion:128 Resp: 12577

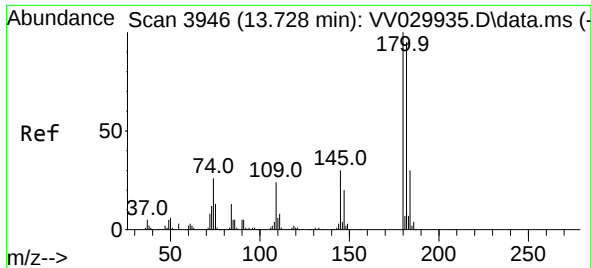
Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

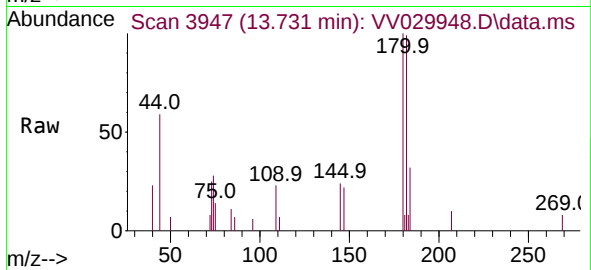
127 14.2 10.0 15.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.145 ug/L
 RT: 13.731 min Scan# 3947
 Delta R.T. 0.003 min
 Lab File: VV029948.D
 Acq: 25 Jan 2023 17:29

Instrument :
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Tgt Ion:180 Resp: 2794
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.5 113.3
 145 18.4 25.0 37.6#

