

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038071.D
 Acq On : 14 Nov 2024 01:59
 Operator : SY/MD
 Sample : P4804-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46T9

Quant Time: Nov 14 03:40:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:39:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	224788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	229314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	105135	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	87897	4.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.529	69	73624	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.053	65	34159	3.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	3.786	46	195872	43.563	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.120%
24) Chloroform-d	4.239	84	178607	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.937	65	81778	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.950	84	325674	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.982	67	108003	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.236	98	260257	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.558	79	28973	3.220	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.400%
46) 2-Hexanone-d5	8.017	63	181758	45.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.380%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	87521	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	113406	5.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%

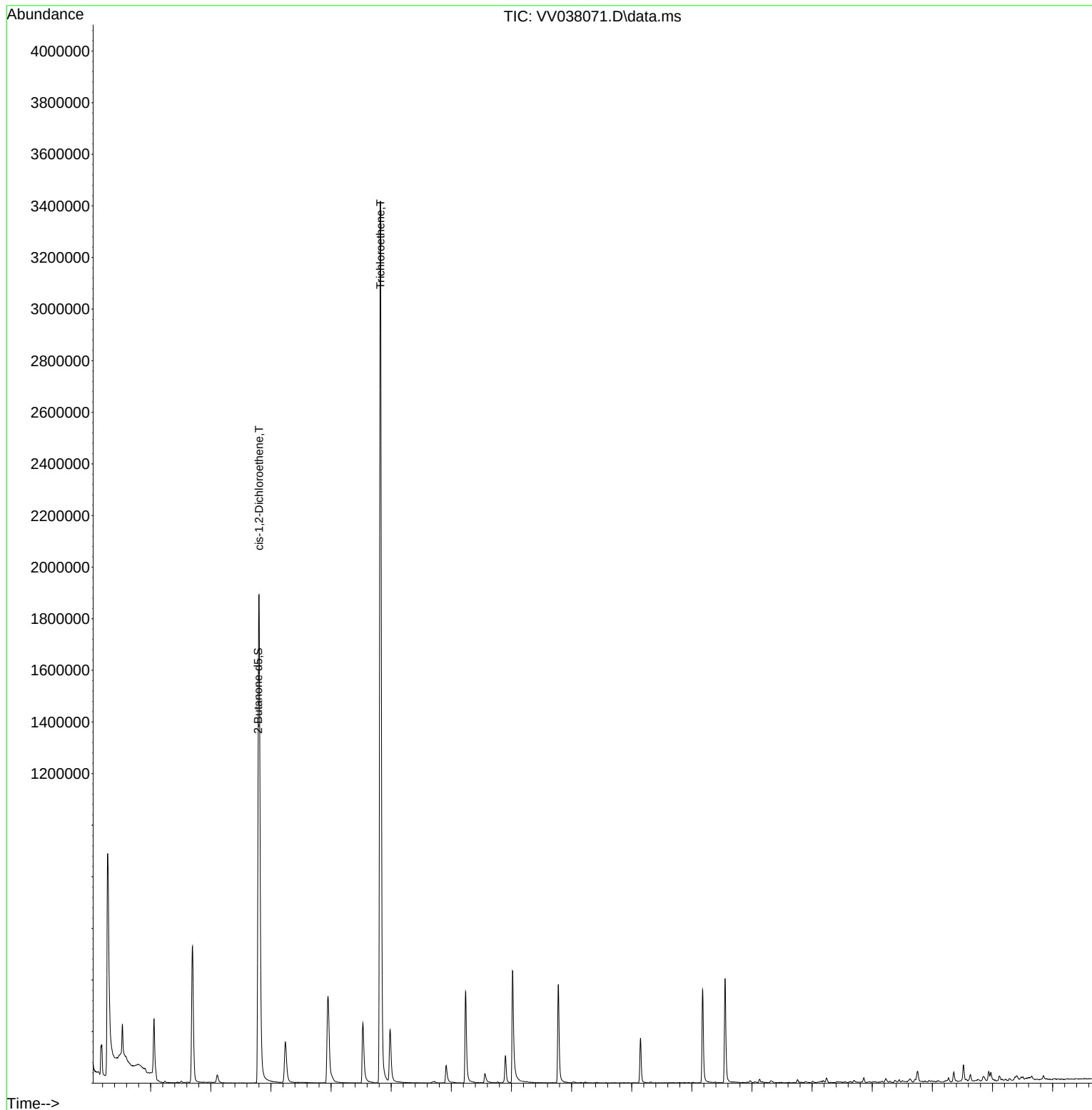
Target Compounds					Qvalue	
5) Vinyl chloride	1.278	62	248476	10.887	ug/L #	1
12) 1,1-Dichloroethene	2.063	96	4533	0.265	ug/L #	1
14) Carbon disulfide	2.236	76	6657	0.119	ug/L	95
17) Methyl tert-butyl Ether	2.696	73	434642	10.439	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	44739	2.419	ug/L	98
19) 1,1-Dichloroethane	3.108	63	31050	0.935	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	1073288	55.229	ug/L	98
33) Benzene	5.014	78	18870	0.259	ug/L	100
34) Trichloroethene	5.821	95	1240238	62.206	ug/L	98
47) Tetrachloroethene	7.902	164	25241	1.613	ug/L	96

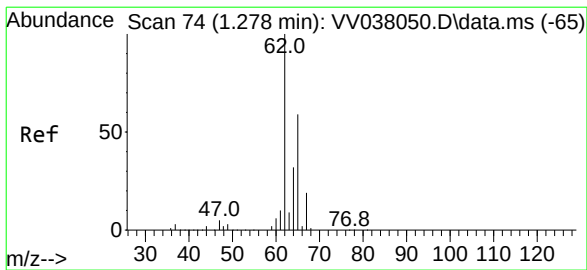
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 10.887 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV038071.D

Acq: 14 Nov 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :

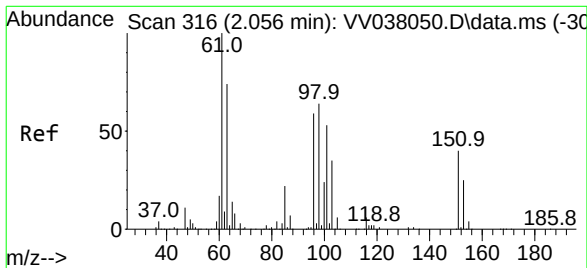
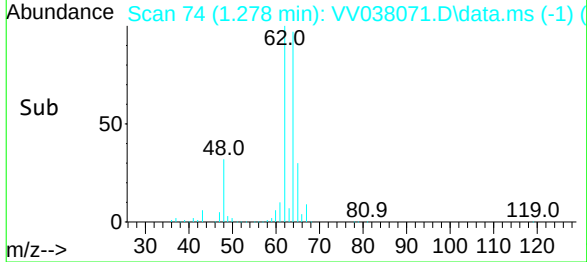
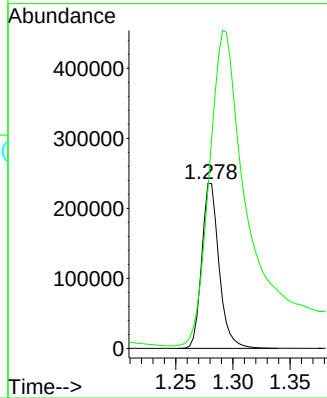
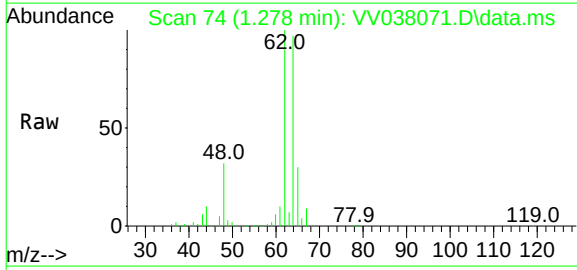
H46T9

Tgt Ion: 62 Resp: 248476

Ion Ratio Lower Upper

62 100

64 96.6 23.0 42.6#



#12

1,1-Dichloroethene

Concen: 0.265 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV038071.D

Acq: 14 Nov 2024 01:59

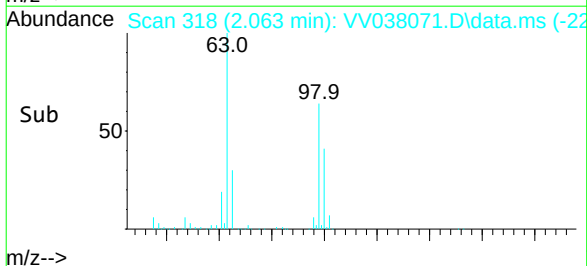
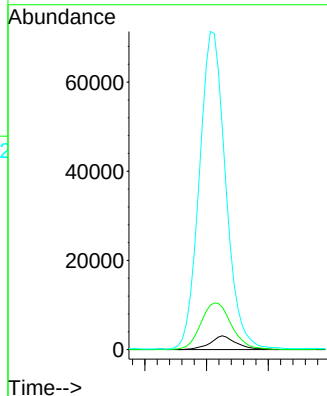
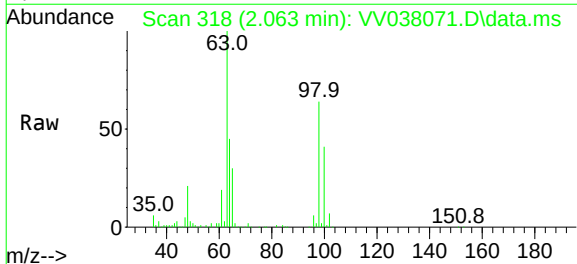
Tgt Ion: 96 Resp: 4533

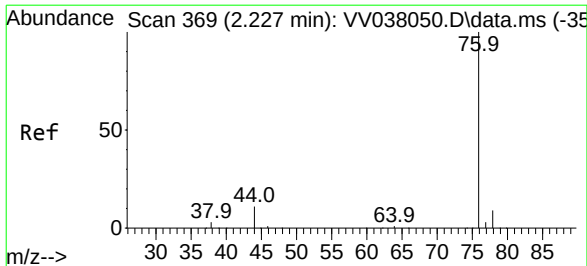
Ion Ratio Lower Upper

96 100

61 308.3 118.1 219.3#

63 1618.1 91.4 169.8#





#14

Carbon disulfide

Concen: 0.119 ug/L

RT: 2.236 min Scan# 37

Delta R.T. 0.006 min

Lab File: VV038071.D

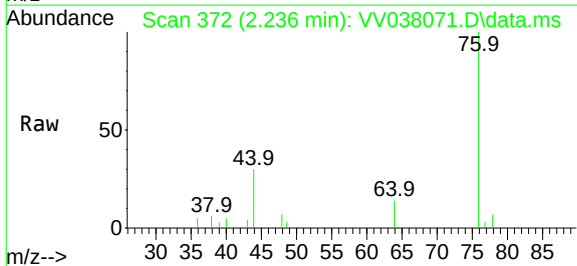
Acq: 14 Nov 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :

H46T9

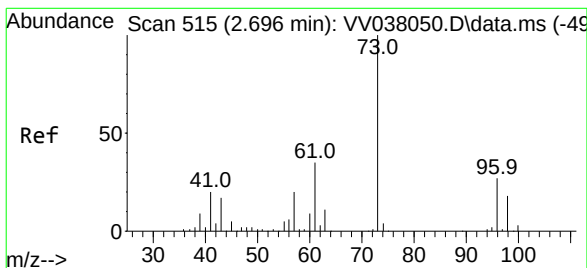
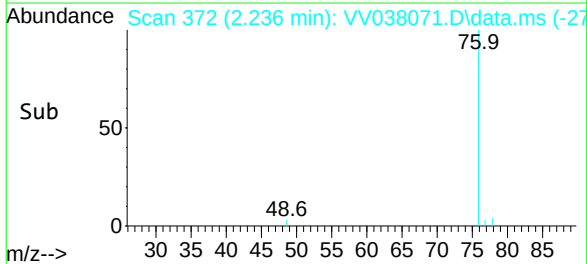
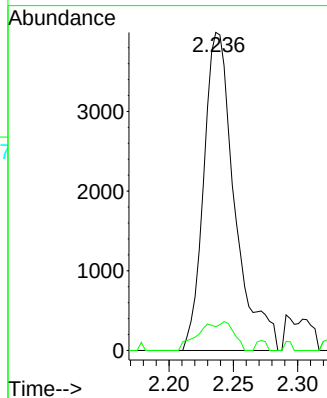


Tgt Ion: 76 Resp: 6657

Ion Ratio Lower Upper

76 100

78 7.5 7.4 11.0



#17

Methyl tert-butyl Ether

Concen: 10.439 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV038071.D

Acq: 14 Nov 2024 01:59

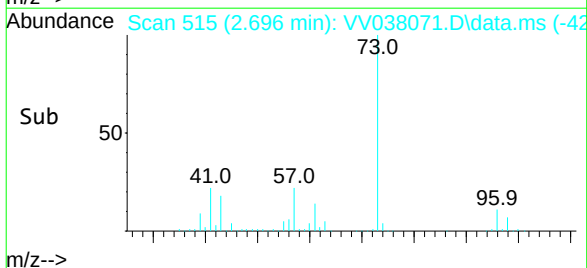
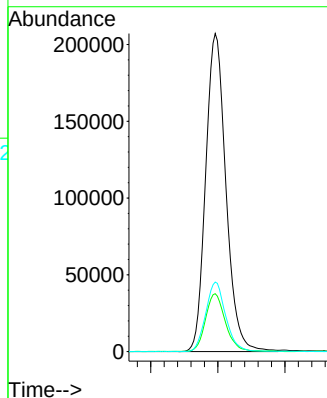
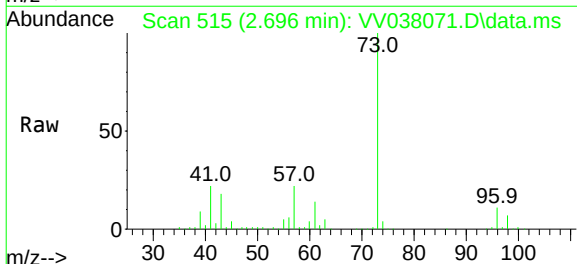
Tgt Ion: 73 Resp: 434642

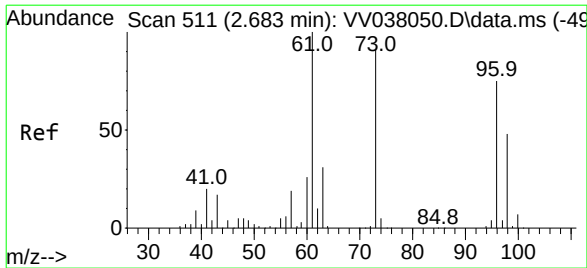
Ion Ratio Lower Upper

73 100

43 17.7 14.1 21.1

57 21.7 17.2 25.8





#18

trans-1,2-Dichloroethene

Concen: 2.419 ug/L

RT: 2.693 min Scan# 511

Delta R.T. 0.006 min

Lab File: VV038071.D

Acq: 14 Nov 2024 01:59

Instrument :

MSVOA_V

ClientSampleId :

H46T9

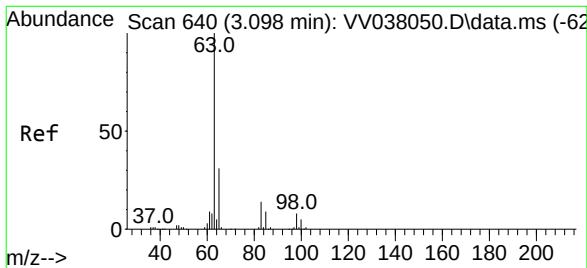
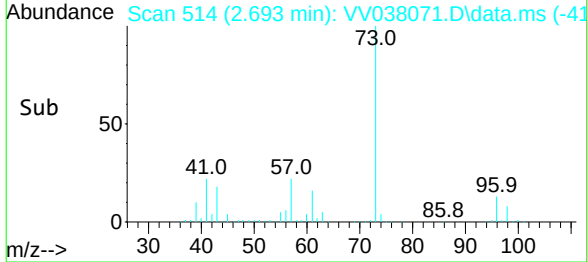
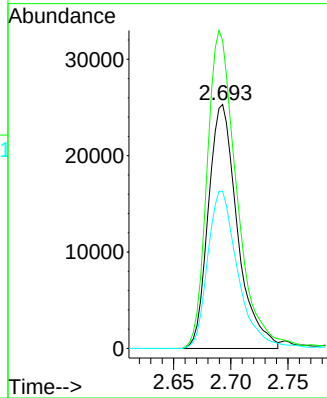
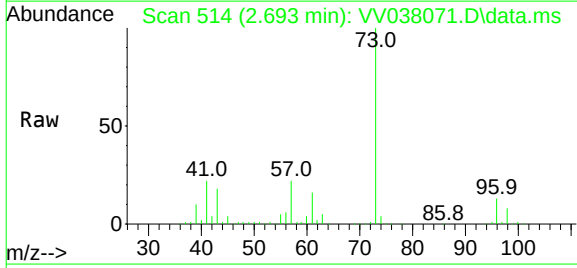
Tgt Ion: 96 Resp: 44739

Ion Ratio Lower Upper

96 100

61 126.1 90.2 167.6

98 64.4 45.7 84.9



#19

1,1-Dichloroethane

Concen: 0.935 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.006 min

Lab File: VV038071.D

Acq: 14 Nov 2024 01:59

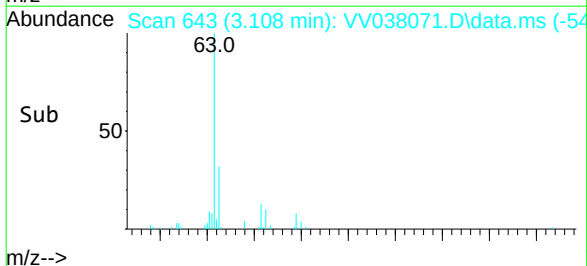
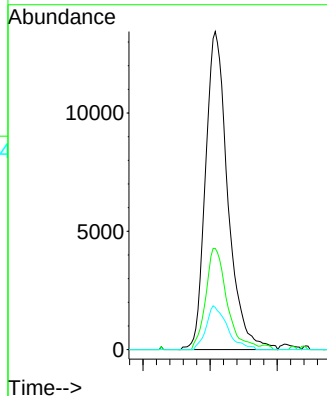
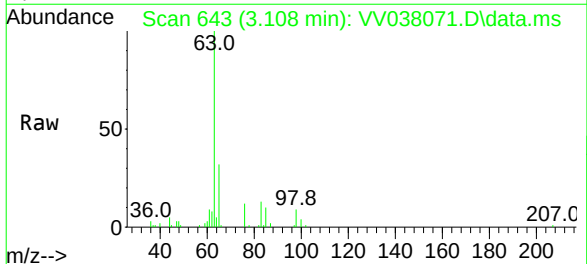
Tgt Ion: 63 Resp: 31050

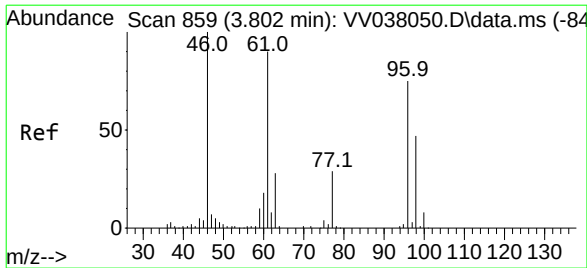
Ion Ratio Lower Upper

63 100

65 31.8 22.0 40.8

83 13.2 9.2 17.2

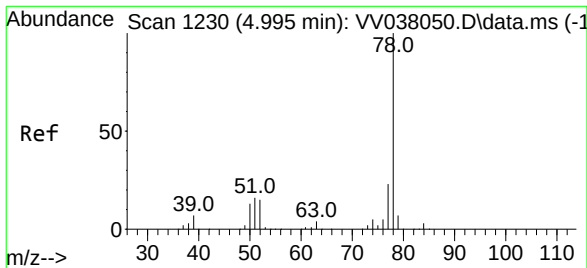
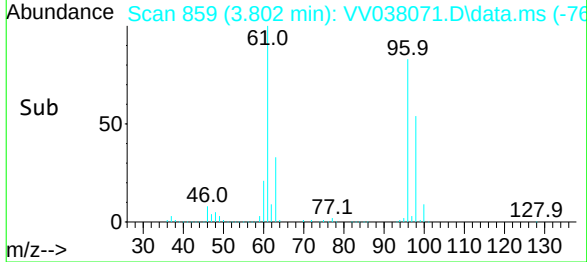
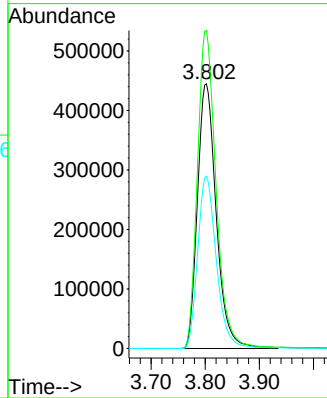
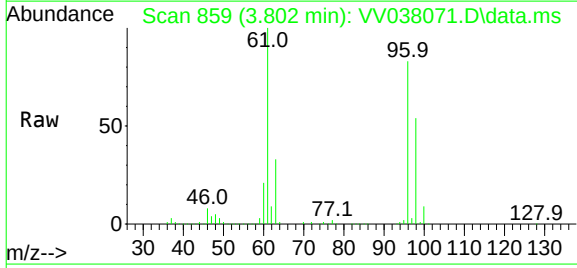




#22
 cis-1,2-Dichloroethene
 Concen: 55.229 ug/L
 RT: 3.802 min Scan# 859
 Delta R.T. -0.000 min
 Lab File: VV038071.D
 Acq: 14 Nov 2024 01:59

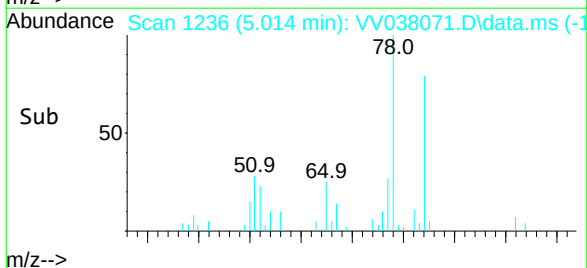
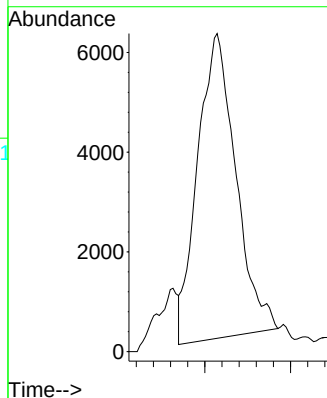
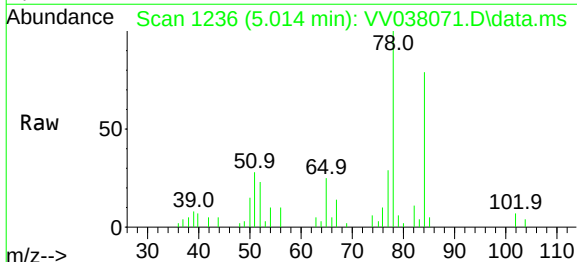
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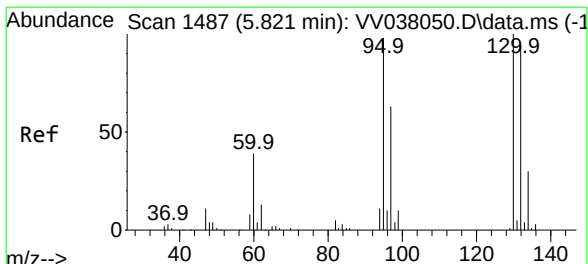
Tgt Ion: 96 Resp: 1073288
 Ion Ratio Lower Upper
 96 100
 61 120.2 84.1 156.3
 98 65.1 42.6 79.0



#33
 Benzene
 Concen: 0.259 ug/L
 RT: 5.014 min Scan# 1236
 Delta R.T. 0.016 min
 Lab File: VV038071.D
 Acq: 14 Nov 2024 01:59

Tgt Ion: 78 Resp: 18870



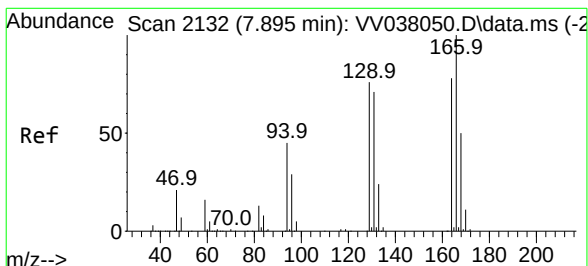
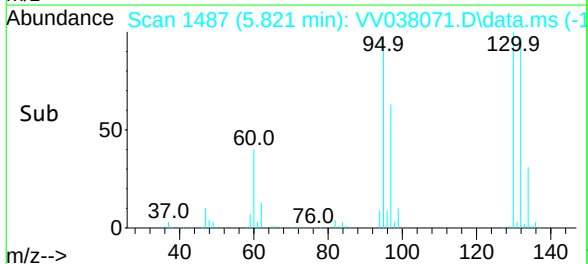
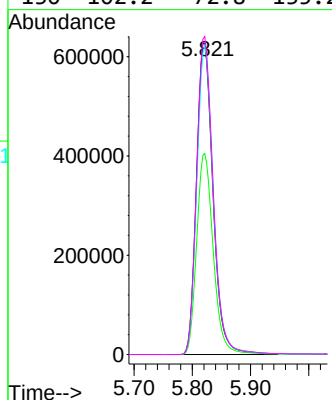
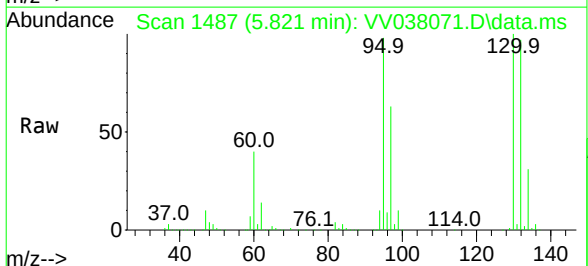


#34
 Trichloroethene
 Concen: 62.206 ug/L
 RT: 5.821 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VV038071.D
 Acq: 14 Nov 2024 01:59

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Tgt Ion: 95 Resp: 1240238

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.5	82.7
132	99.3	67.9	126.1
130	102.2	72.8	135.2



#47
 Tetrachloroethene
 Concen: 1.613 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.006 min
 Lab File: VV038071.D
 Acq: 14 Nov 2024 01:59

Tgt Ion: 164 Resp: 25241

Ion	Ratio	Lower	Upper
164	100		
129	101.7	67.8	125.8
131	93.4	62.6	116.3
166	126.3	86.8	161.2

