

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
 Data File : VV028970.D
 Acq On : 15 Nov 2022 04:37
 Operator : SY/MD
 Sample : N5604-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E3

Quant Time: Nov 15 05:38:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

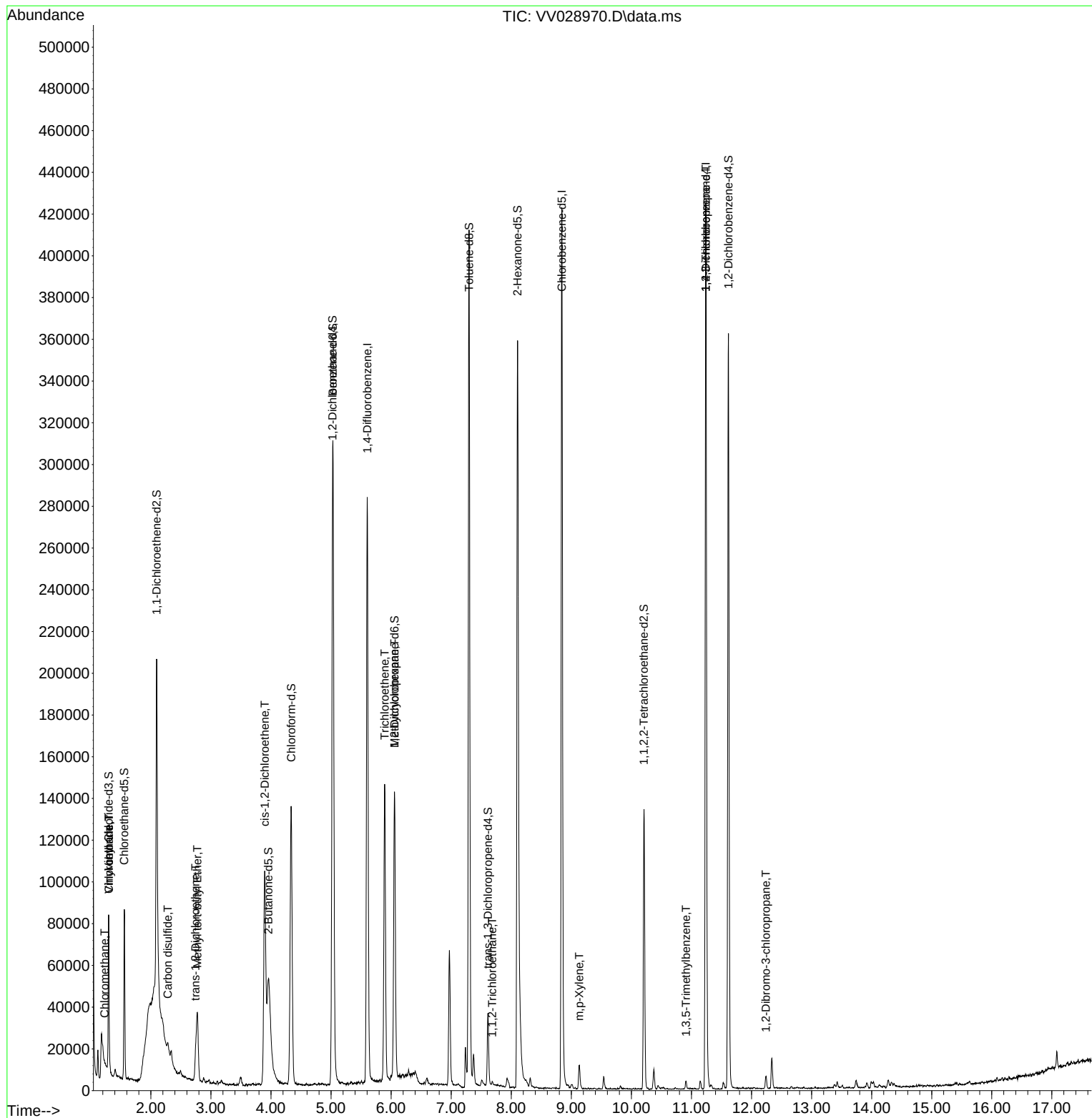
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	251222	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.841	117	246056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	119266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	48442	3.163	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.558	69	51128	3.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.095	63	74604	2.673	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.400%#
20) 2-Butanone-d5	3.957	46	131903	51.449	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.900%
24) Chloroform-d	4.336	84	138809	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.024	65	66869	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.030	84	264942	3.607	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.200%
36) 1,2-Dichloropropane-d6	6.056	67	59933	2.922	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	58.400%#
41) Toluene-d8	7.297	98	277754	4.201	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.612	79	19983	2.987	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.800%
46) 2-Hexanone-d5	8.104	63	138244	48.420	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.840%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	64778	4.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	97717	4.580	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.230	50	994	0.057	ug/L #	80
5) Vinyl chloride	1.301	62	2686	0.135	ug/L #	1
8) Chloroethane	1.301	64	2480	0.213	ug/L	87
14) Carbon disulfide	2.281	76	5255	0.097	ug/L #	91
17) Methyl tert-butyl Ether	2.773	73	38159	1.170	ug/L	96
18) trans-1,2-Dichloroethene	2.744	96	4820	0.273	ug/L	89
22) cis-1,2-Dichloroethene	3.895	96	61979	3.456	ug/L	92
34) Trichloroethene	5.892	95	45109	2.343	ug/L	93
35) Methylcyclohexane	6.056	83	18369	0.543	ug/L #	23
45) 1,1,2-Trichloroethane	7.683	97	1493	0.132	ug/L #	22
53) m,p-Xylene	9.130	106	3807	0.113	ug/L	97
61) 1,2,3-Trichloropropane	11.239	75	12100	1.485	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.908	105	2933	0.045	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.239	75	209	0.130	ug/L #	2

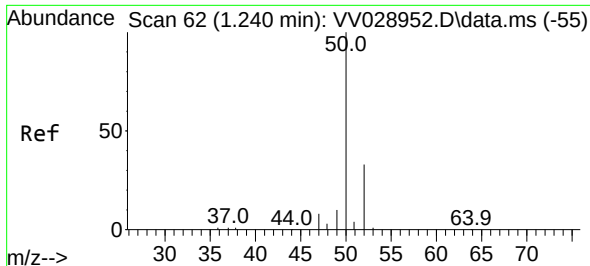
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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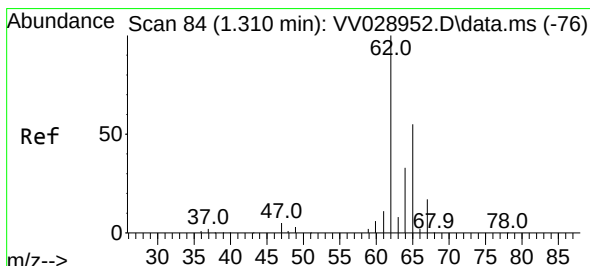
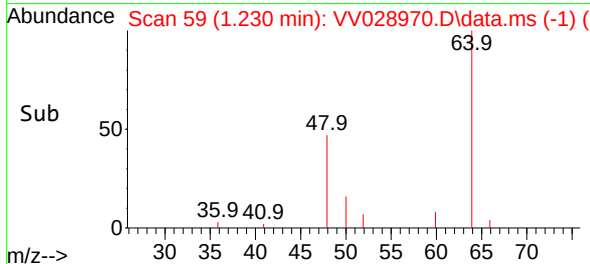
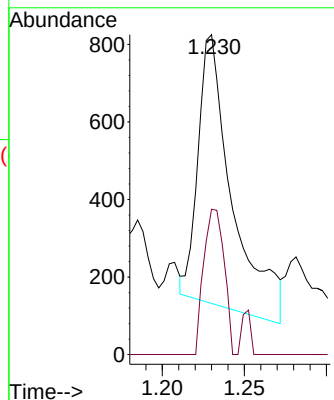
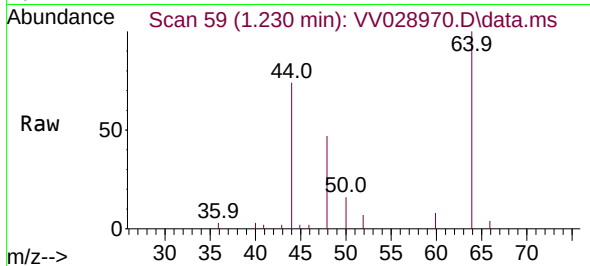




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.230 min Scan# 51
Delta R.T. -0.010 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

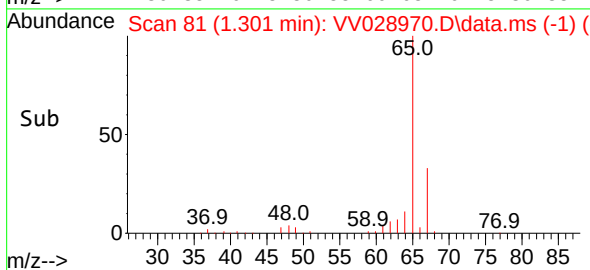
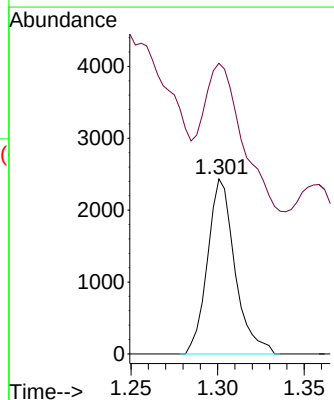
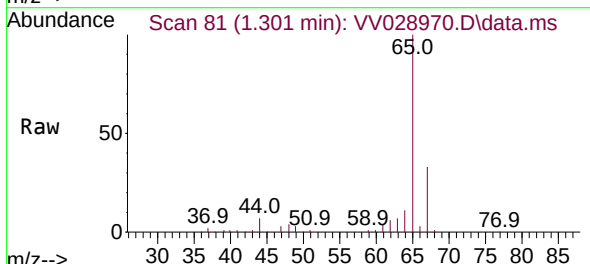
Instrument :
MSVOA_V
ClientSampleId :
H46E3

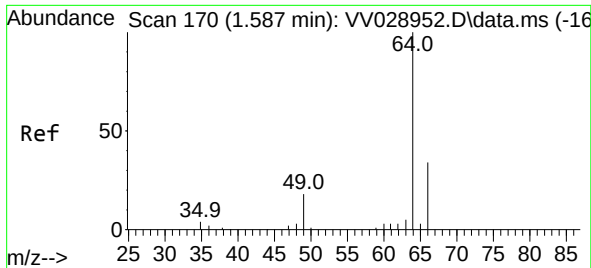
Tgt Ion: 50 Resp: 994
Ion Ratio Lower Upper
50 100
52 45.5 23.7 43.9#



#5
Vinyl chloride
Concen: 0.135 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.010 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

Tgt Ion: 62 Resp: 2686
Ion Ratio Lower Upper
62 100
64 166.1 22.8 42.4#

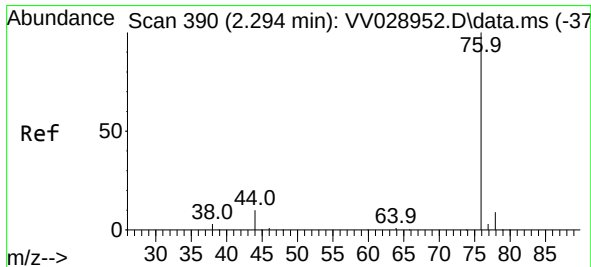
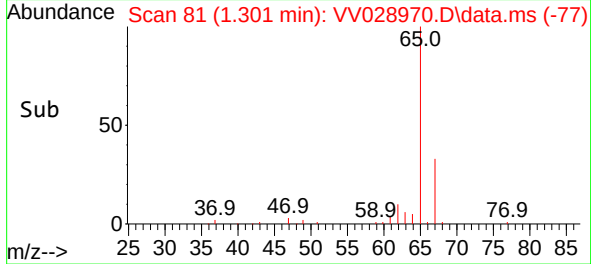
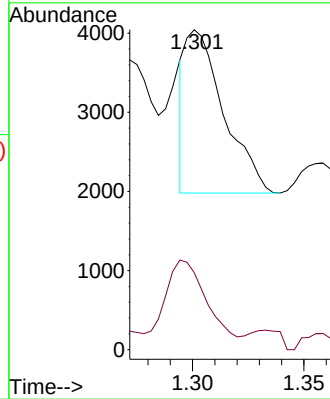
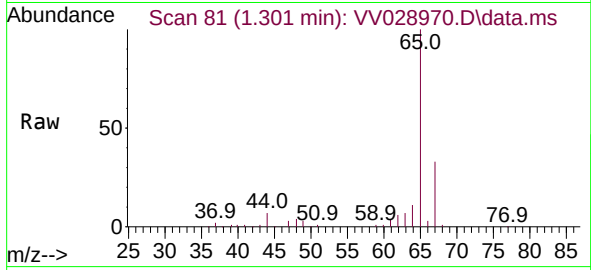




#8
Chloroethane
Concen: 0.213 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.286 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

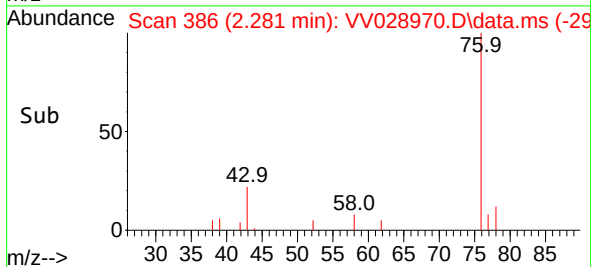
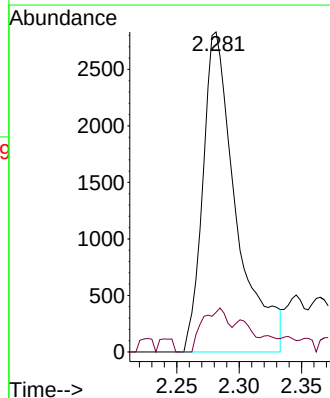
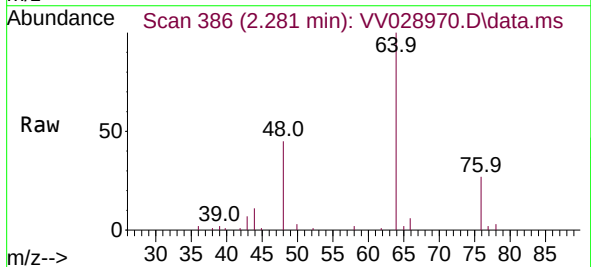
Instrument :
MSVOA_V
ClientSampleId :
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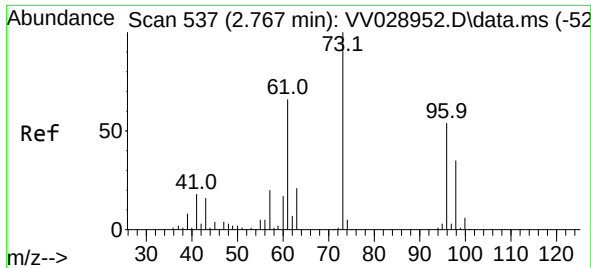
Tgt Ion: 64 Resp: 2480
Ion Ratio Lower Upper
64 100
66 24.1 22.0 40.8



#14
Carbon disulfide
Concen: 0.097 ug/L
RT: 2.281 min Scan# 386
Delta R.T. -0.013 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

Tgt Ion: 76 Resp: 5255
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.2#

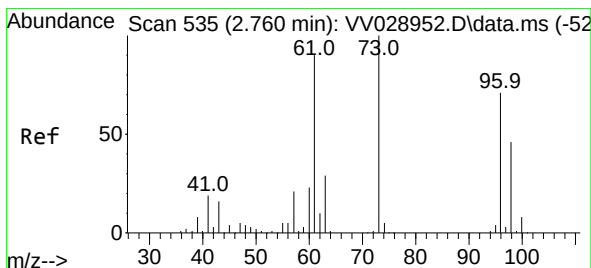
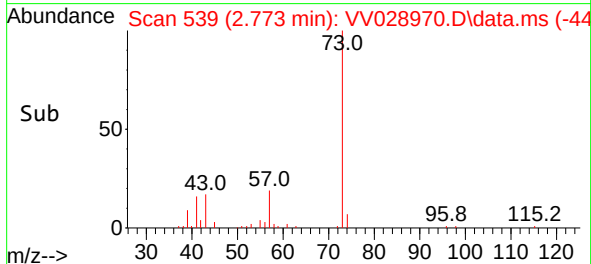
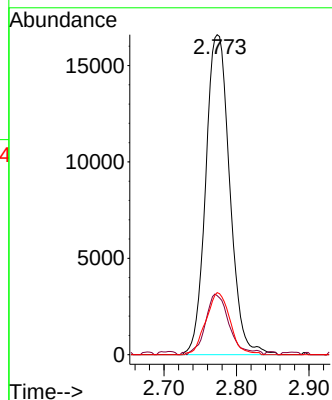
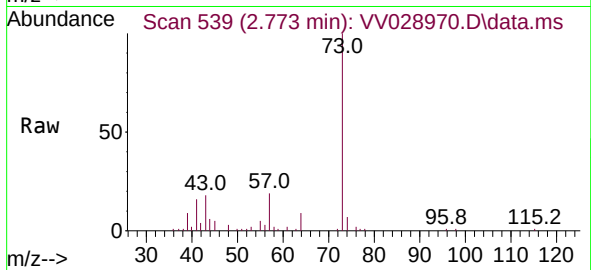




#17
Methyl tert-butyl Ether
Concen: 1.170 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

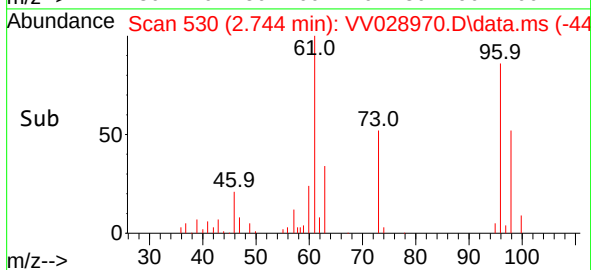
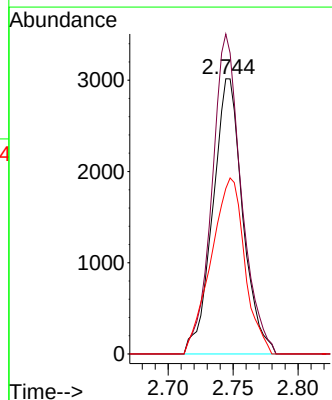
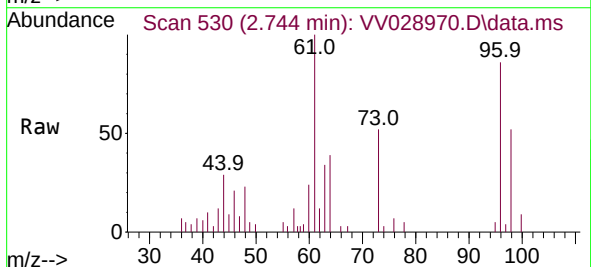
Instrument :
MSVOA_V
ClientSampleId :
H46E3

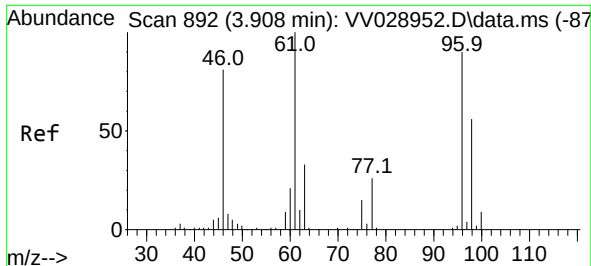
Tgt Ion: 73 Resp: 38159
Ion Ratio Lower Upper
73 100
43 18.3 13.0 19.4
57 19.5 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.273 ug/L
RT: 2.744 min Scan# 530
Delta R.T. -0.016 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

Tgt Ion: 96 Resp: 4820
Ion Ratio Lower Upper
96 100
61 116.3 91.8 170.6
98 60.1 46.4 86.2

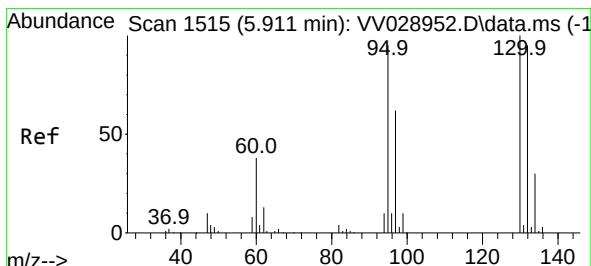
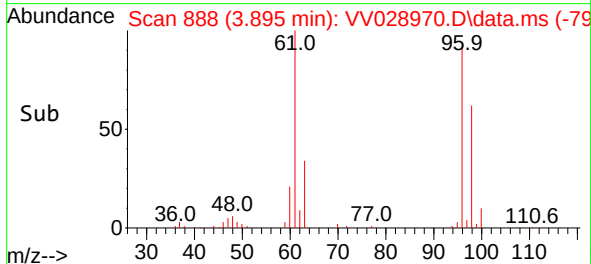
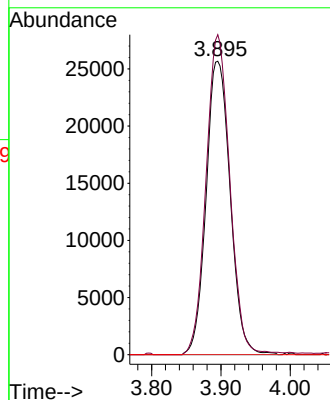
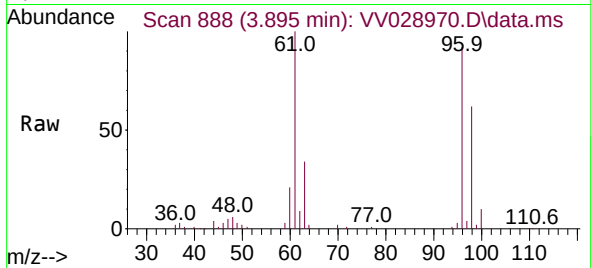




#22
 cis-1,2-Dichloroethene
 Concen: 3.456 ug/L
 RT: 3.895 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VV028970.D
 Acq: 15 Nov 2022 04:37

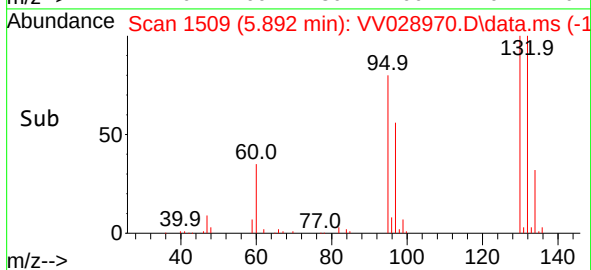
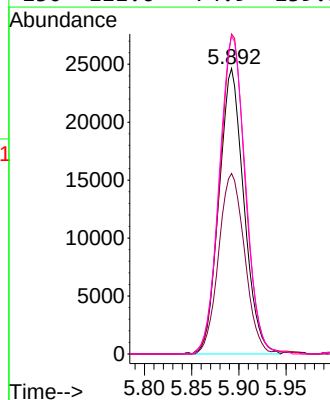
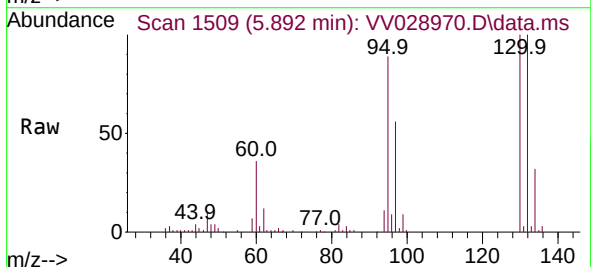
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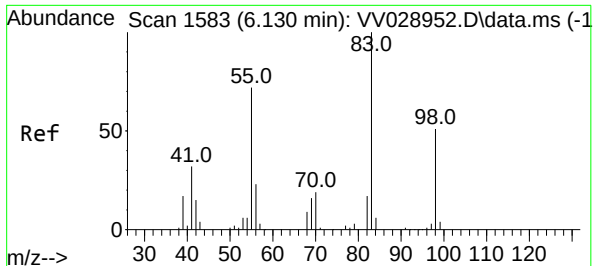
Tgt Ion: 96 Resp: 61979
 Ion Ratio Lower Upper
 96 100
 61 109.0 82.3 152.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.343 ug/L
 RT: 5.892 min Scan# 1509
 Delta R.T. -0.019 min
 Lab File: VV028970.D
 Acq: 15 Nov 2022 04:37

Tgt Ion: 95 Resp: 45109
 Ion Ratio Lower Upper
 95 100
 97 63.2 45.6 84.8
 132 112.1 69.1 128.3
 130 111.6 74.9 139.1

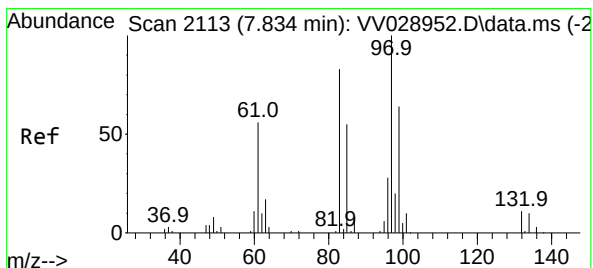
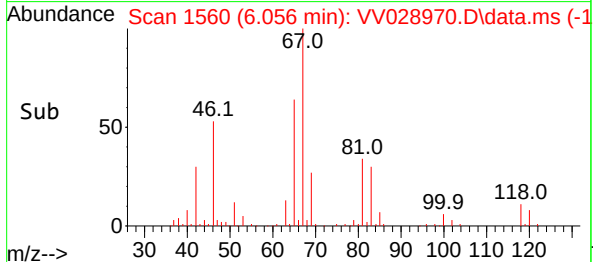
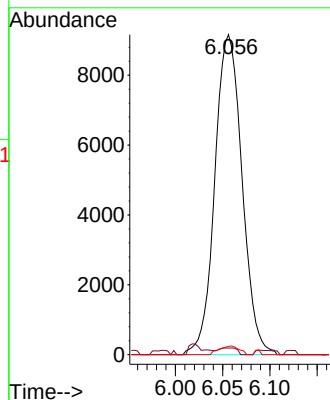
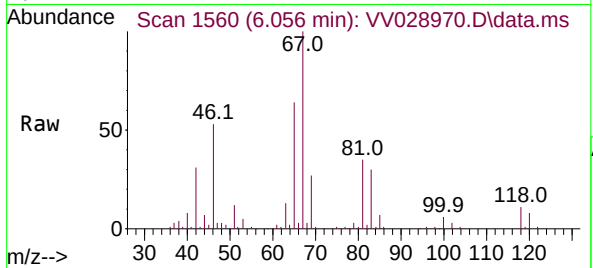




#35
Methylcyclohexane
Concen: 0.543 ug/L
RT: 6.056 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

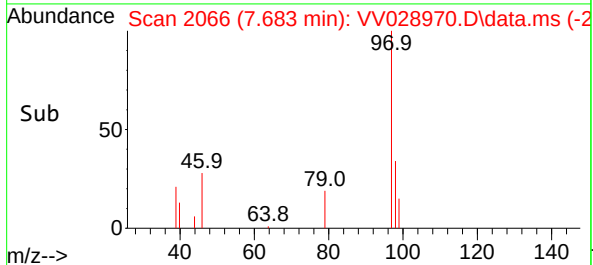
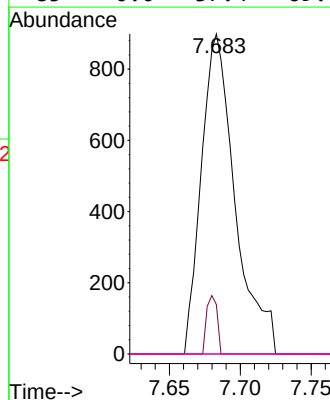
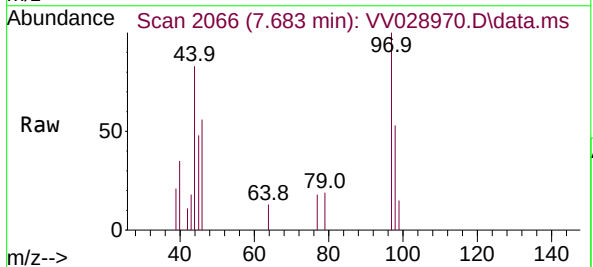
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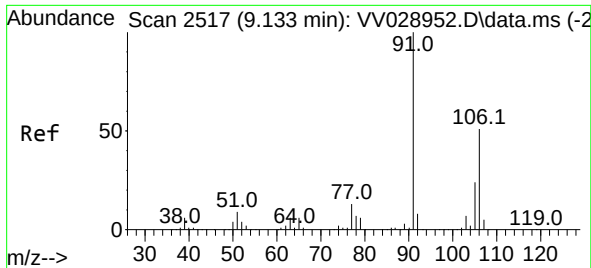
Tgt Ion: 83 Resp: 18369
Ion Ratio Lower Upper
83 100
55 1.4 55.8 83.6#
98 2.0 38.2 57.2#



#45
1,1,2-Trichloroethane
Concen: 0.132 ug/L
RT: 7.683 min Scan# 2066
Delta R.T. -0.151 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

Tgt Ion: 97 Resp: 1493
Ion Ratio Lower Upper
97 100
99 15.5 41.5 77.1#
83 0.0 60.0 111.4#
85 0.0 37.4 69.4#

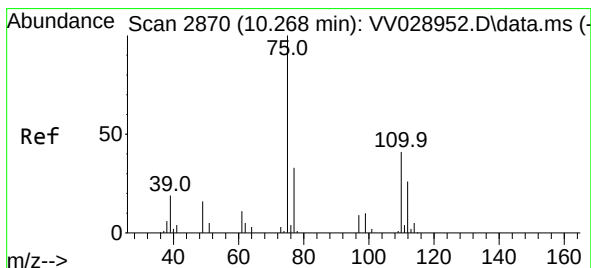
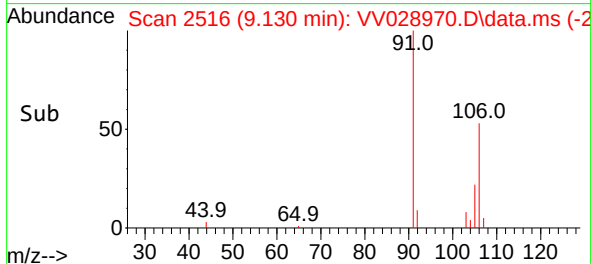
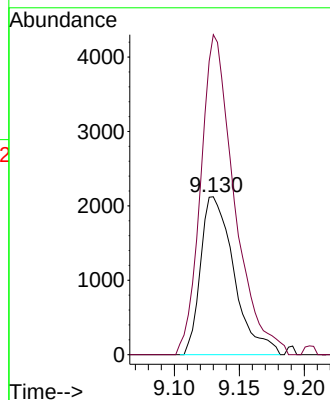
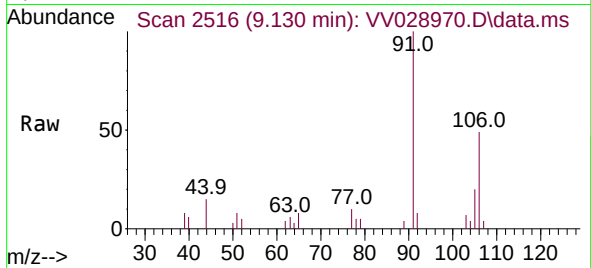




#53
m,p-Xylene
Concen: 0.113 ug/L
RT: 9.130 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

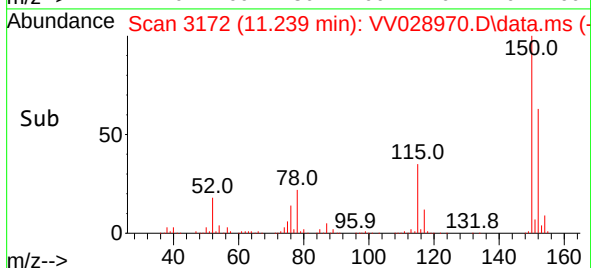
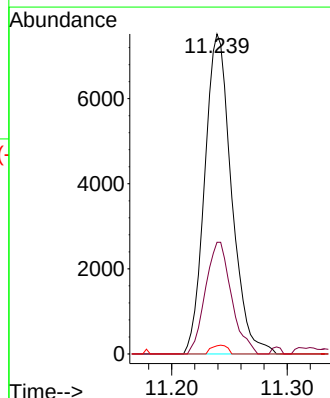
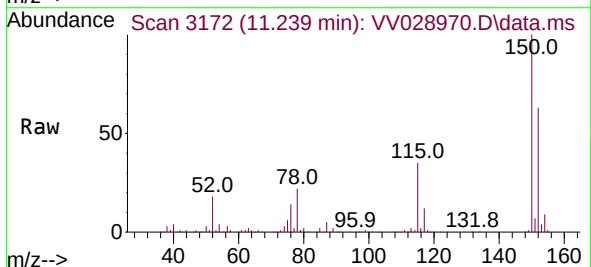
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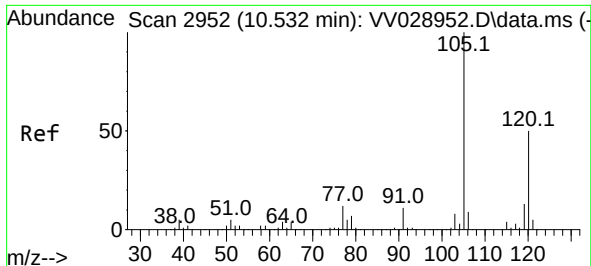
Tgt Ion:106 Resp: 3807
Ion Ratio Lower Upper
106 100
91 202.5 139.1 258.3



#61
1,2,3-Trichloropropane
Concen: 1.485 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV028970.D
Acq: 15 Nov 2022 04:37

Tgt Ion: 75 Resp: 12100
Ion Ratio Lower Upper
75 100
77 33.9 26.2 39.2
110 1.6 32.6 48.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.045 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.376 min

Lab File: VV028970.D

Acq: 15 Nov 2022 04:37

Instrument :

MSVOA_V

ClientSampleId :

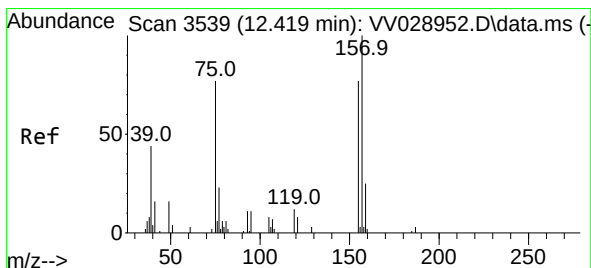
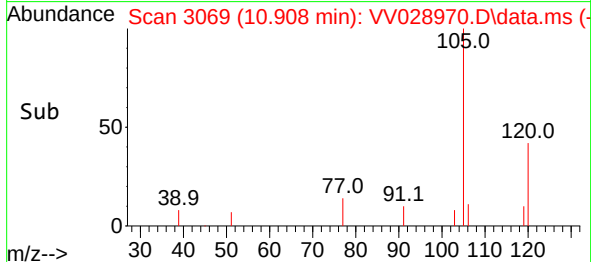
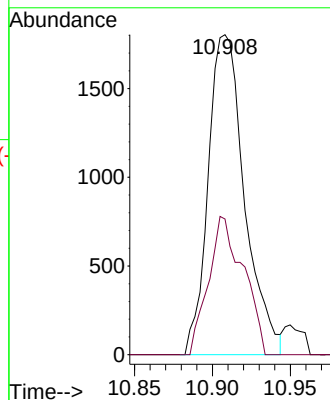
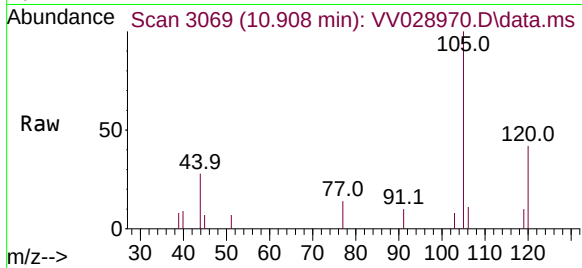
H46E3

Tgt Ion:105 Resp: 2933

Ion Ratio Lower Upper

105 100

120 41.5 39.9 59.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.130 ug/L

RT: 12.239 min Scan# 3483

Delta R.T. -0.180 min

Lab File: VV028970.D

Acq: 15 Nov 2022 04:37

Tgt Ion: 75 Resp: 209

Ion Ratio Lower Upper

75 100

155 0.0 64.8 97.2#

157 0.0 86.3 129.5#

