

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
 Data File : VV028972.D
 Acq On : 15 Nov 2022 05:25
 Operator : SY/MD
 Sample : N5604-22
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E5

Quant Time: Nov 15 07:29:37 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)

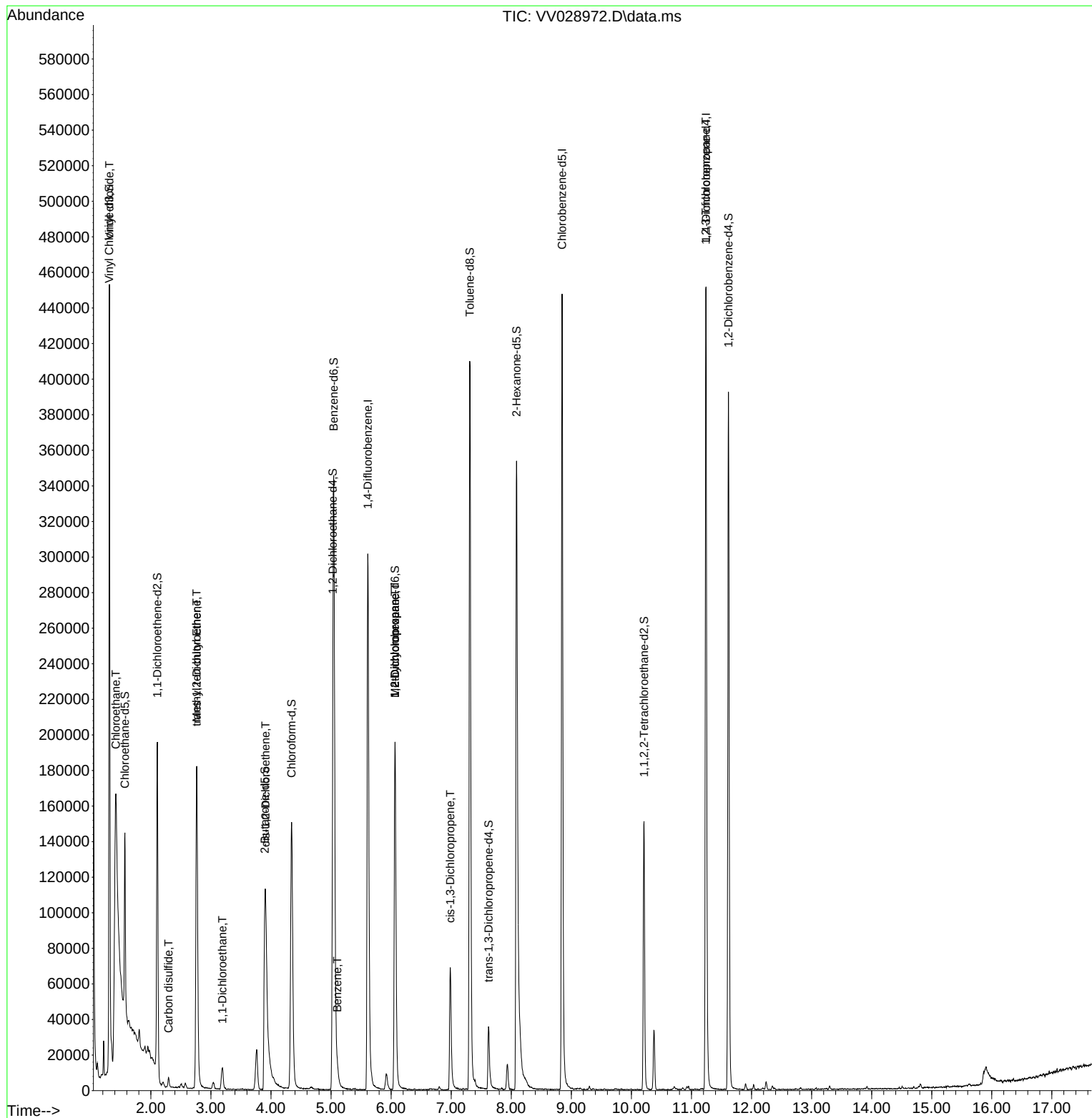
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	284939	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	265397	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	129225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61210	3.524	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.568	69	64407	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.108	63	91474	2.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.899	46	171556	58.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.000%
24) Chloroform-d	4.342	84	166135	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.031	65	79575	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.043	84	337697	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.066	67	100619	4.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.310	98	300405	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.622	79	24823	3.441	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.088	63	153190	49.745	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.480%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	74390	4.850	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	111797	4.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	240099	10.678	ug/L	96
8) Chloroethane	1.417	64	552087	41.782	ug/L #	52
14) Carbon disulfide	2.294	76	7481	0.122	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	147452	3.987	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	21001	1.050	ug/L	98
19) 1,1-Dichloroethane	3.191	63	11869	0.363	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	30118	1.481	ug/L	97
33) Benzene	5.101	78	10731	0.132	ug/L	100
35) Methylcyclohexane	6.066	83	25084	0.687	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10757	0.575	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1872	0.072	ug/L #	64
61) 1,2,3-Trichloropropane	11.239	75	13785	1.561	ug/L #	66

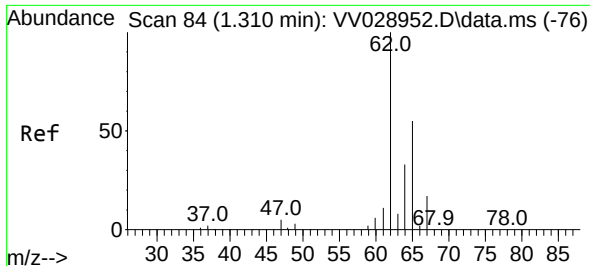
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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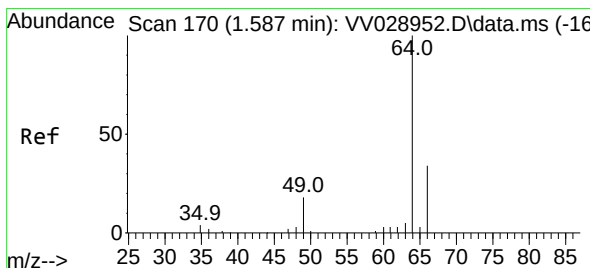
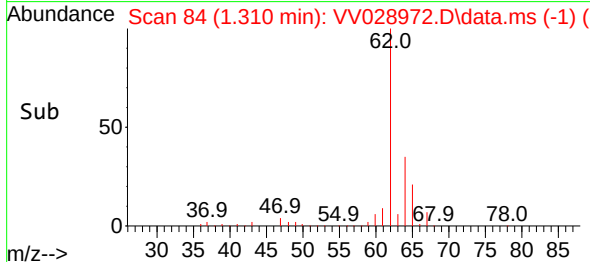
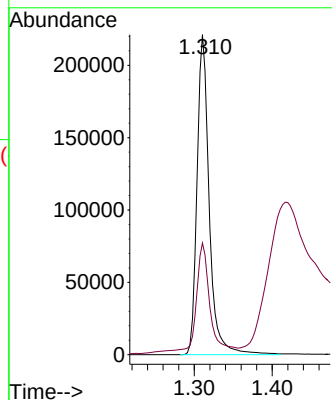
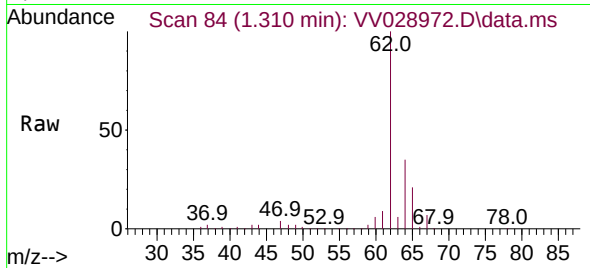




#5
 Vinyl chloride
 Concen: 10.678 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028972.D
 Acq: 15 Nov 2022 05:25

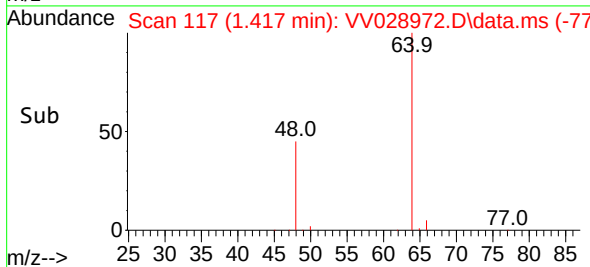
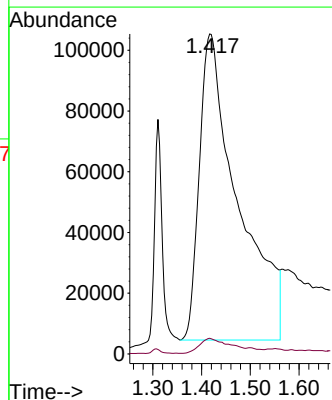
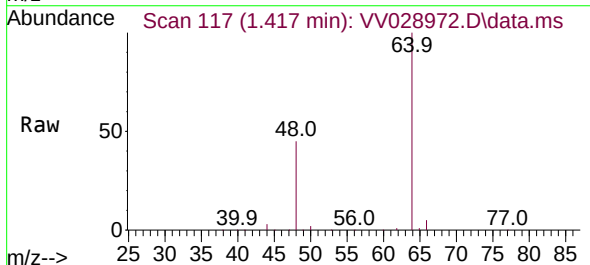
Instrument :
 MSVOA_V
 ClientSampleId :
 H46E5

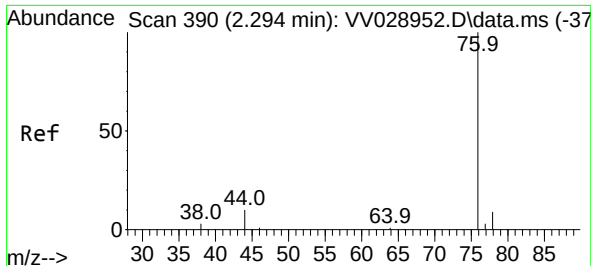
Tgt Ion: 62 Resp: 240099
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.8 42.4



#8
 Chloroethane
 Concen: 41.782 ug/L
 RT: 1.417 min Scan# 117
 Delta R.T. -0.170 min
 Lab File: VV028972.D
 Acq: 15 Nov 2022 05:25

Tgt Ion: 64 Resp: 552087
 Ion Ratio Lower Upper
 64 100
 66 4.9 22.0 40.8#

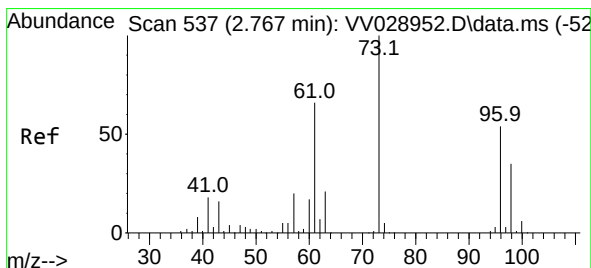
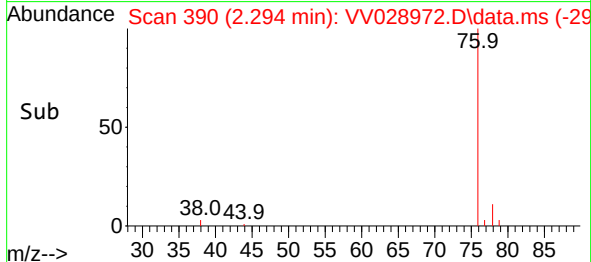
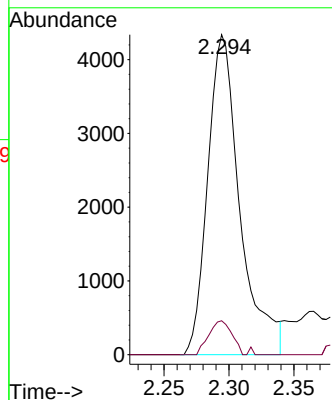
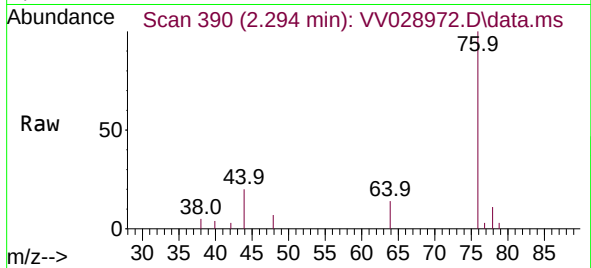




#14
Carbon disulfide
Concen: 0.122 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV028972.D
Acq: 15 Nov 2022 05:25

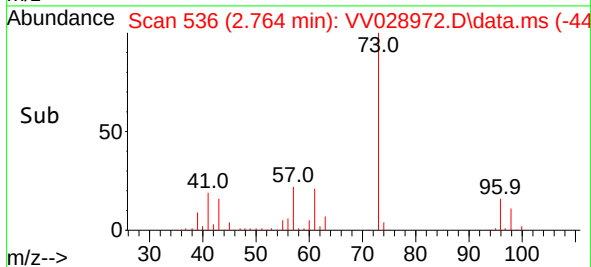
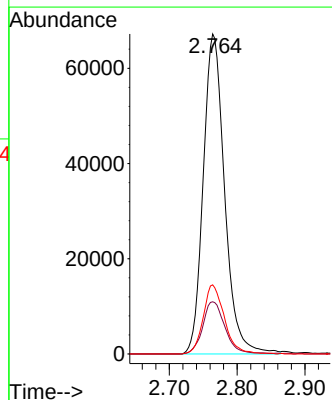
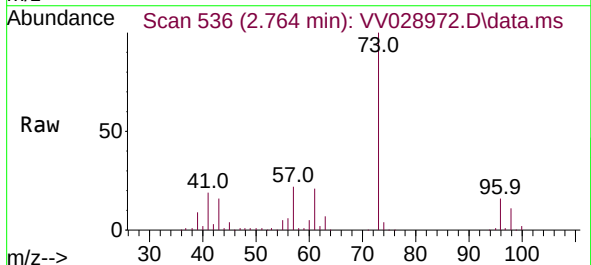
Instrument :
MSVOA_V
ClientSampleId :
H46E5

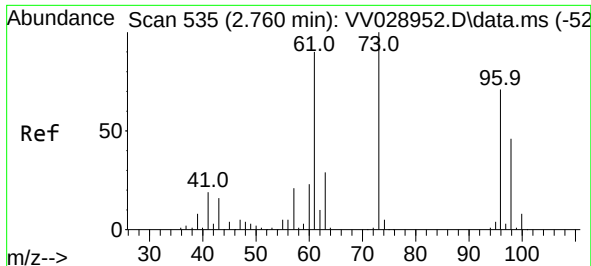
Tgt Ion: 76 Resp: 7481
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.2



#17
Methyl tert-butyl Ether
Concen: 3.987 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV028972.D
Acq: 15 Nov 2022 05:25

Tgt Ion: 73 Resp: 147452
Ion Ratio Lower Upper
73 100
43 17.0 13.0 19.4
57 21.3 16.6 24.8

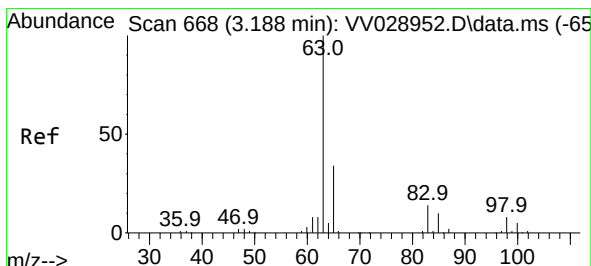
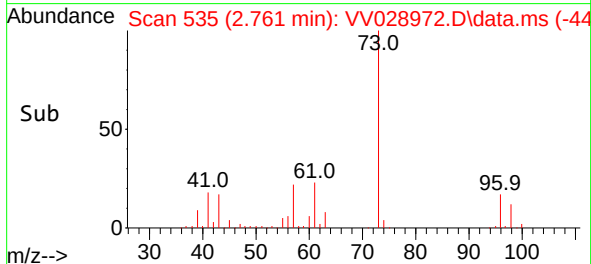
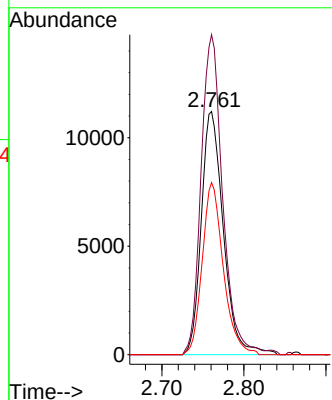
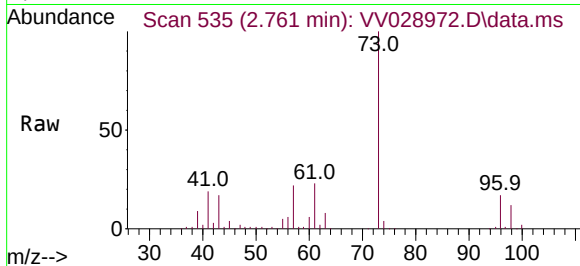




#18
trans-1,2-Dichloroethene
Concen: 1.050 ug/L
RT: 2.761 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV028972.D
Acq: 15 Nov 2022 05:25

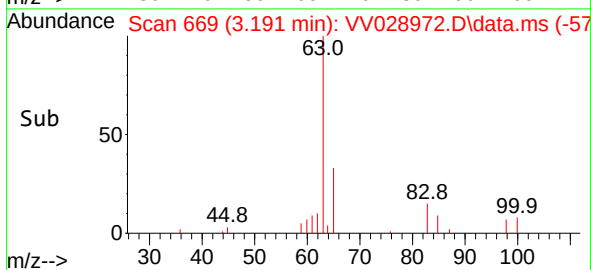
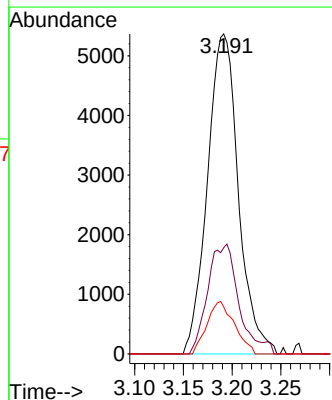
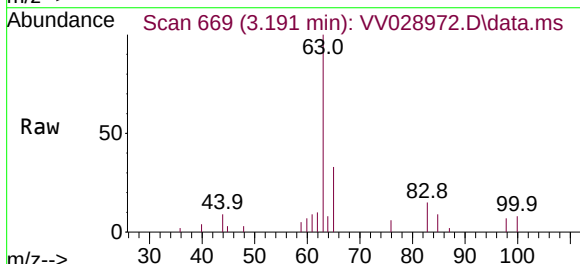
Instrument :
MSVOA_V
ClientSampleId :
H46E5

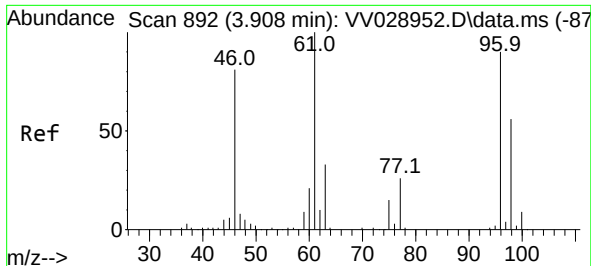
Tgt Ion: 96 Resp: 21001
Ion Ratio Lower Upper
96 100
61 131.6 91.8 170.6
98 70.8 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.363 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV028972.D
Acq: 15 Nov 2022 05:25

Tgt Ion: 63 Resp: 11869
Ion Ratio Lower Upper
63 100
65 33.2 23.0 42.6
83 14.7 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 1.481 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV028972.D

Acq: 15 Nov 2022 05:25

Instrument :

MSVOA_V

ClientSampleId :

H46E5

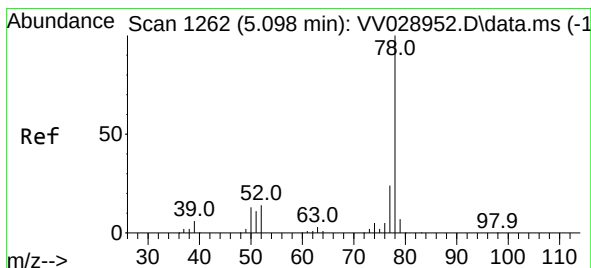
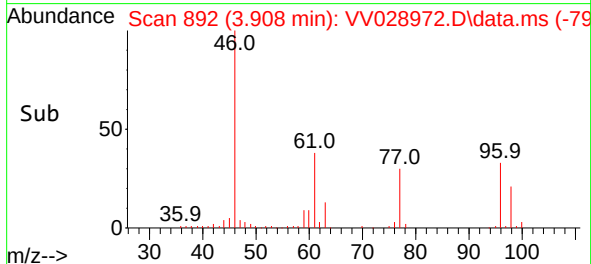
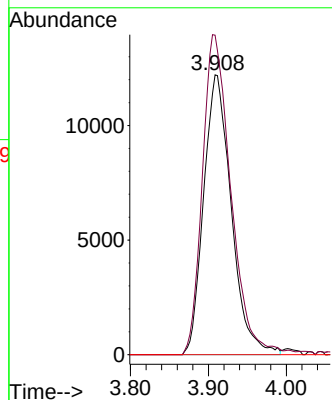
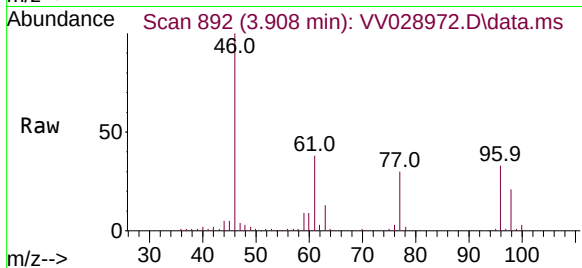
Tgt Ion: 96 Resp: 30118

Ion Ratio Lower Upper

96 100

61 114.1 82.3 152.9

68 0.0 0.0 0.0



#33

Benzene

Concen: 0.132 ug/L

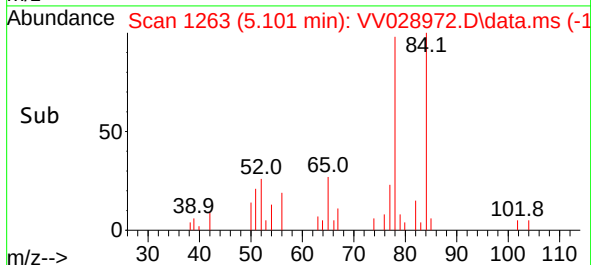
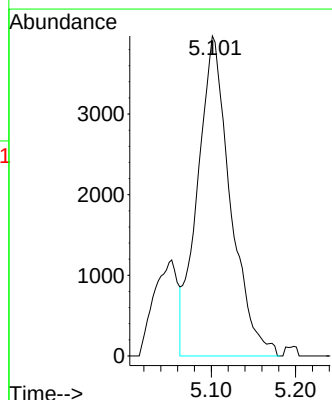
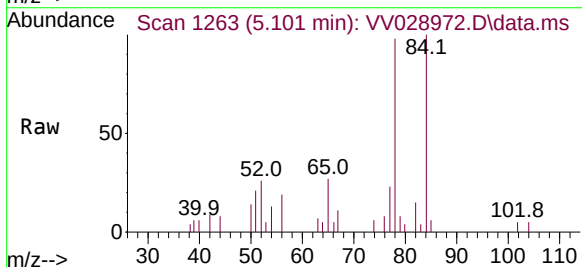
RT: 5.101 min Scan# 1263

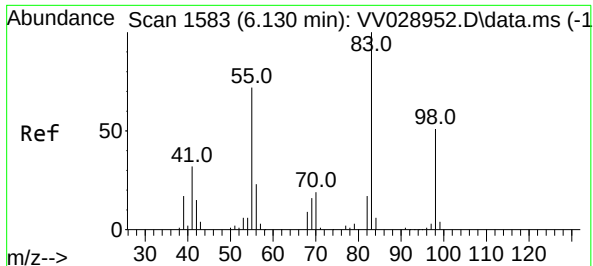
Delta R.T. 0.003 min

Lab File: VV028972.D

Acq: 15 Nov 2022 05:25

Tgt Ion: 78 Resp: 10731





#35

Methylcyclohexane

Concen: 0.687 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV028972.D

Acq: 15 Nov 2022 05:25

Instrument :

MSVOA_V

ClientSampleId :

H46E5

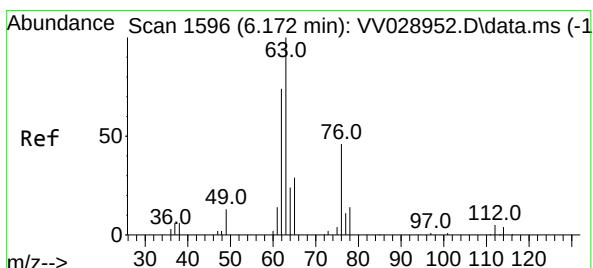
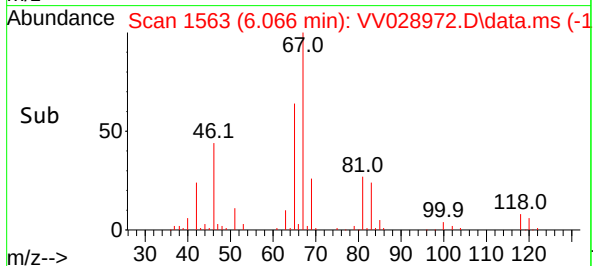
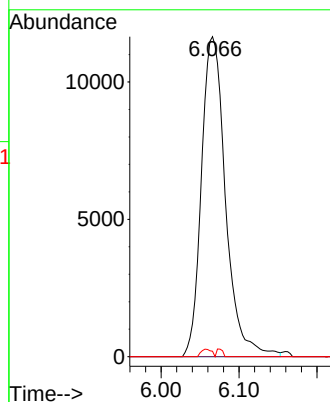
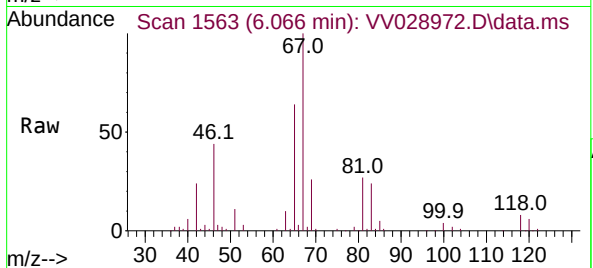
Tgt Ion: 83 Resp: 25084

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.6 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV028972.D

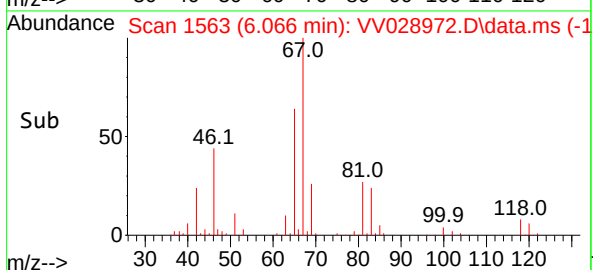
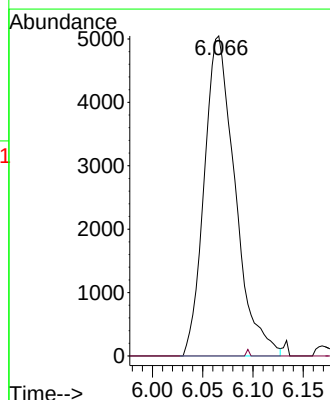
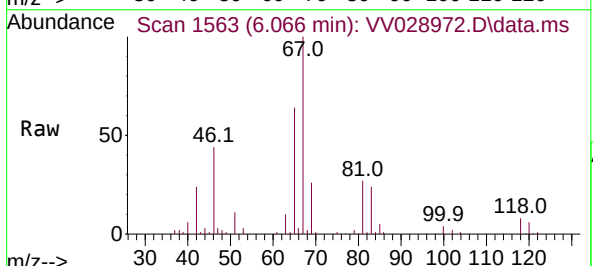
Acq: 15 Nov 2022 05:25

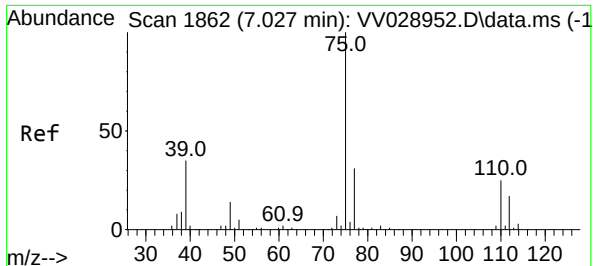
Tgt Ion: 63 Resp: 10757

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV028972.D

Acq: 15 Nov 2022 05:25

Instrument :

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ClientSampleId :

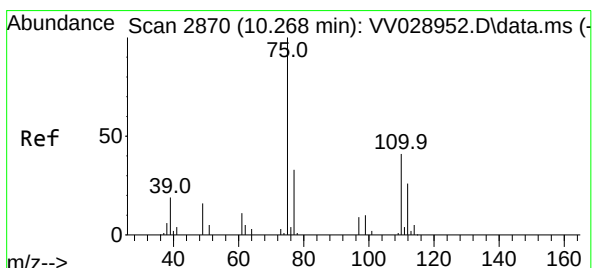
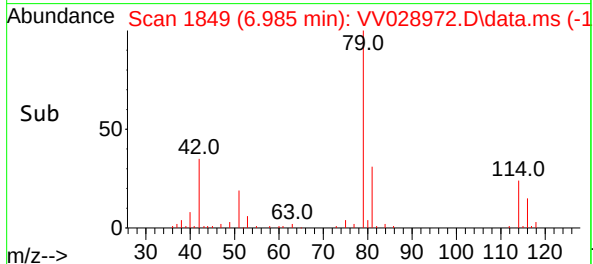
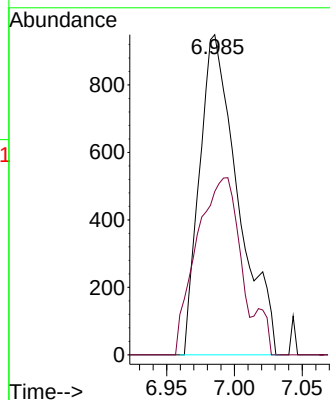
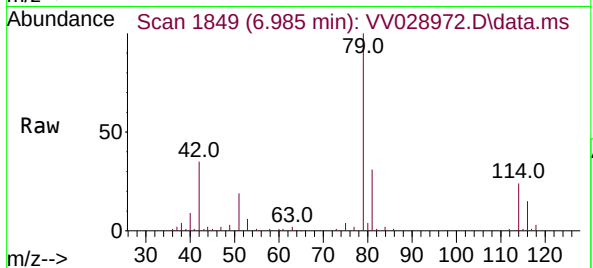
H46E5

Tgt Ion: 75 Resp: 1872

Ion Ratio Lower Upper

75 100

77 51.0 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.561 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV028972.D

Acq: 15 Nov 2022 05:25

Tgt Ion: 75 Resp: 13785

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

110 2.2 32.6 48.8#

