

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082322\
 Data File : VW027484.D
 Acq On : 23 Aug 2022 13:18
 Operator : SY/MD
 Sample : N4252-06DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9C7DL

Quant Time: Aug 24 02:12:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 24 02:11:24 2022
 Response via : Initial Calibration

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

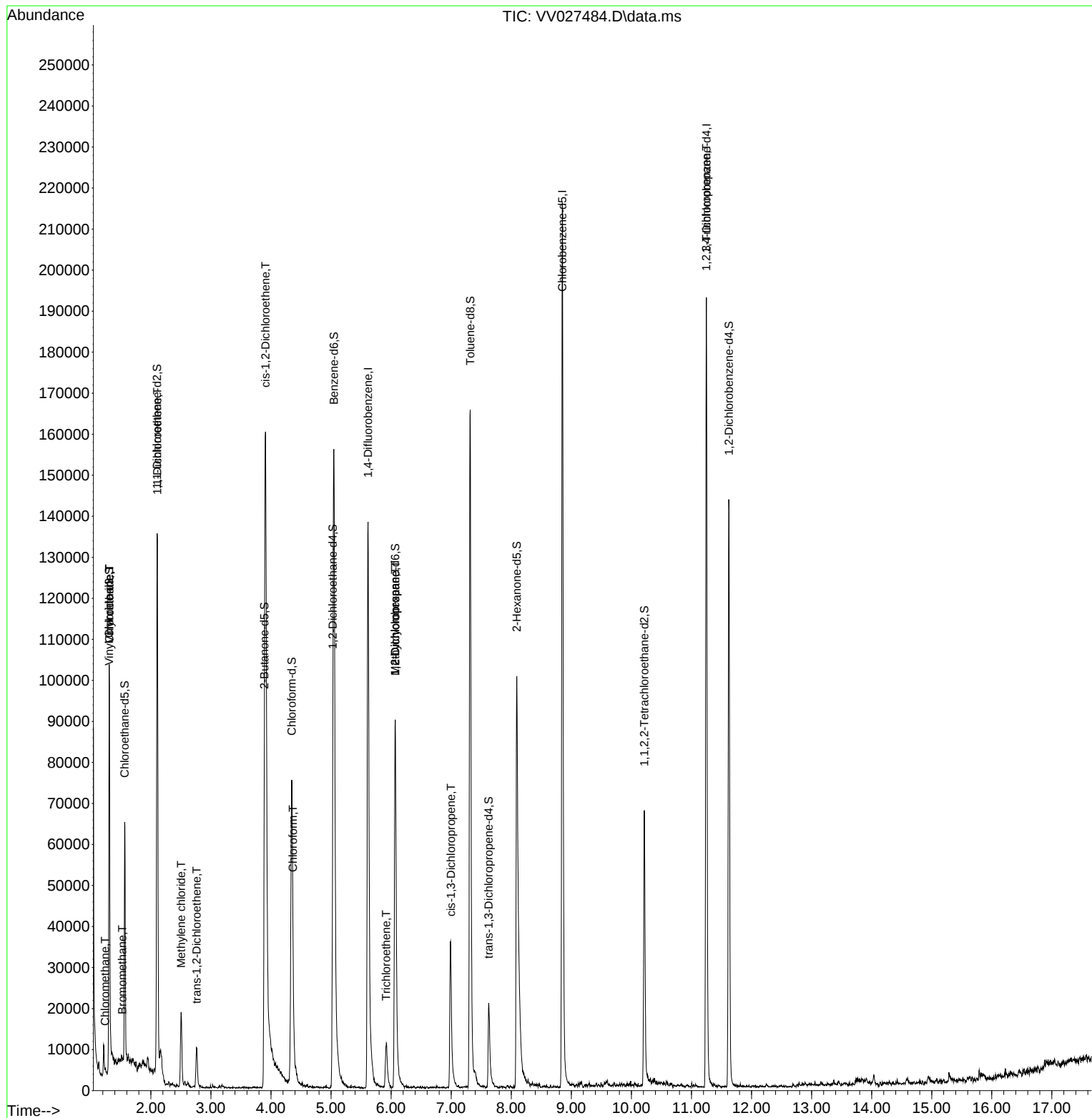
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	123027	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	121876	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39736	4.538	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.564	69	38546	6.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.400%
11) 1,1-Dichloroethene-d2	2.104	63	71720	3.513	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.889	46	38163	35.023	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.040%
24) Chloroform-d	4.346	84	81242	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.030	65	36833	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.047	84	147888	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.069	67	44838	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.316	98	115744	3.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.625	79	14110	4.199	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.091	63	43446	39.275	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33185	5.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	36577	4.698	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	602	0.053	ug/L #	44
5) Vinyl chloride	1.310	62	33924	2.956	ug/L	100
6) Bromomethane	1.523	94	447	0.079	ug/L	99
8) Chloroethane	1.310	64	10895	1.625	ug/L #	54
12) 1,1-Dichloroethene	2.108	96	1255	0.135	ug/L #	1
16) Methylene chloride	2.503	84	7026	0.501	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	3495	0.364	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	79749	7.803	ug/L	97
25) Chloroform	4.365	83	1804	0.084	ug/L	85
34) Trichloroethene	5.918	95	3745	0.351	ug/L	94
35) Methylcyclohexane	6.069	83	11419	0.761	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	4947	0.458	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	1070	0.082	ug/L	88
61) 1,2,3-Trichloropropane	11.246	75	5954	1.292	ug/L #	65

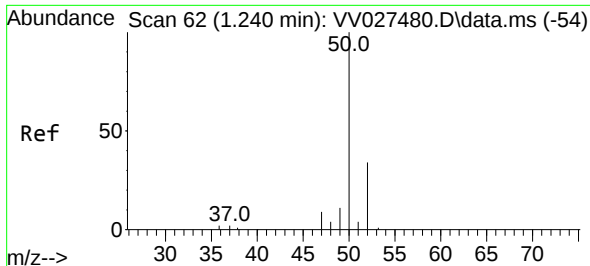
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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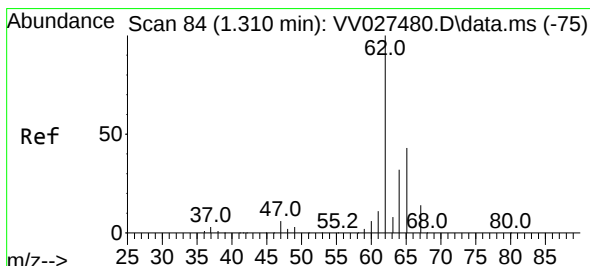
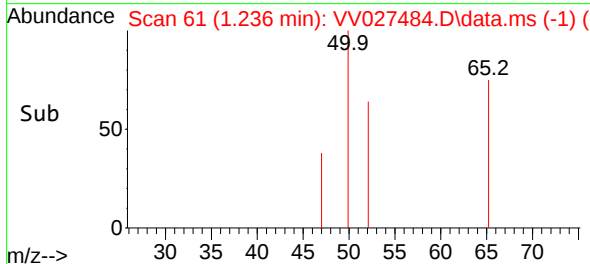
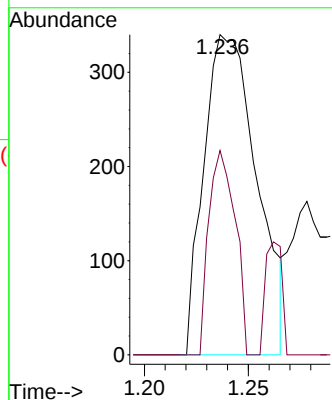
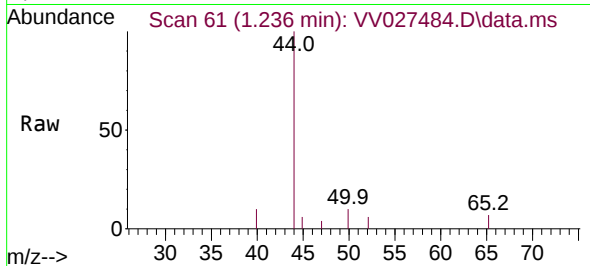




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027484.D
Acq: 23 Aug 2022 13:18

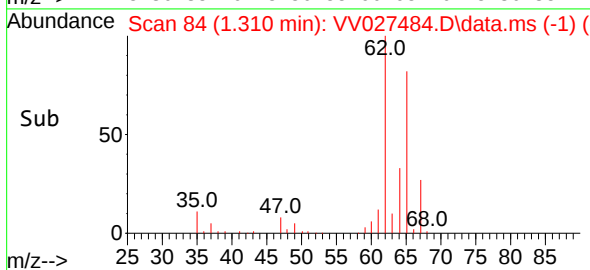
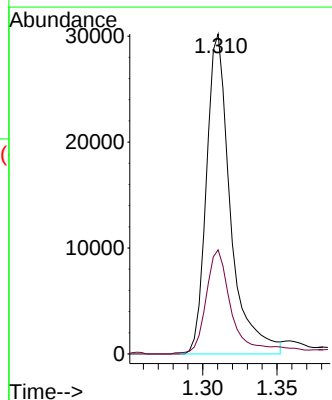
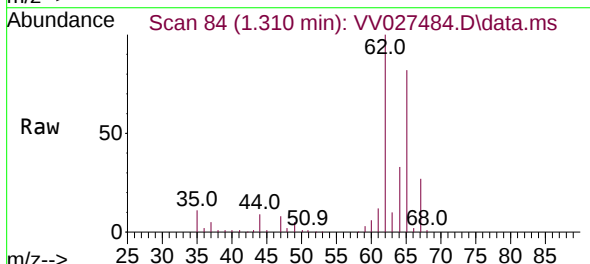
Instrument :
MSVOA_V
ClientSampleId :
EX9C7DL

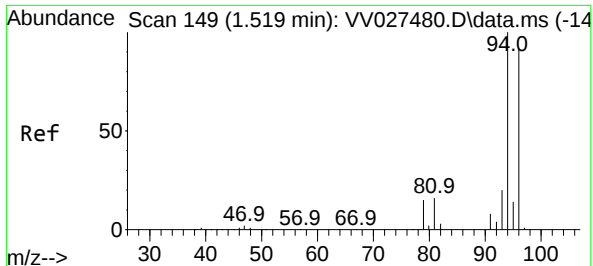
Tgt Ion: 50 Resp: 602
Ion Ratio Lower Upper
50 100
52 63.8 22.8 42.4#



#5
Vinyl chloride
Concen: 2.956 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV027484.D
Acq: 23 Aug 2022 13:18

Tgt Ion: 62 Resp: 33924
Ion Ratio Lower Upper
62 100
64 32.6 22.6 42.0

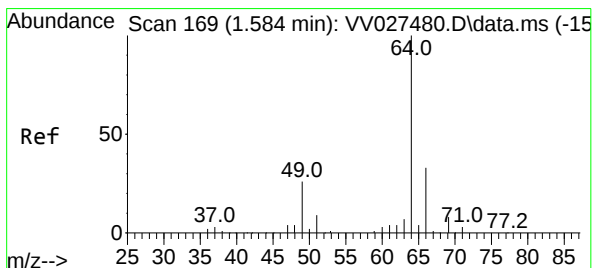
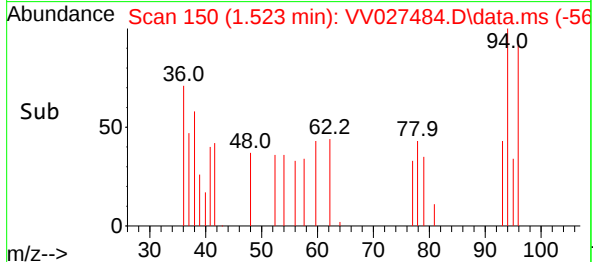
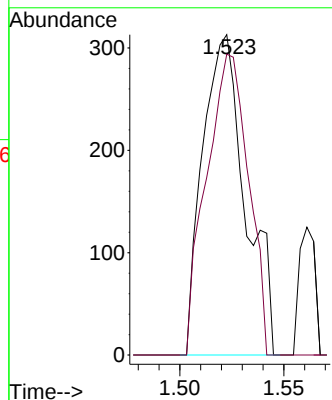
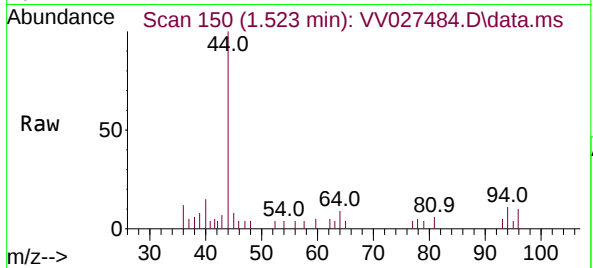




#6
Bromomethane
Concen: 0.079 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027484.D
Acq: 23 Aug 2022 13:18

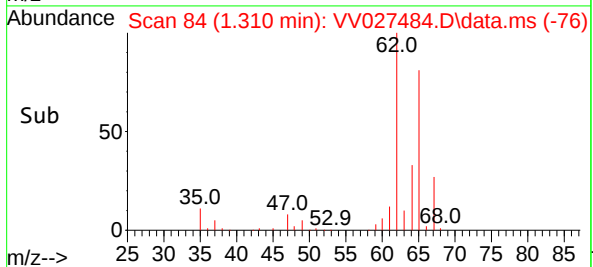
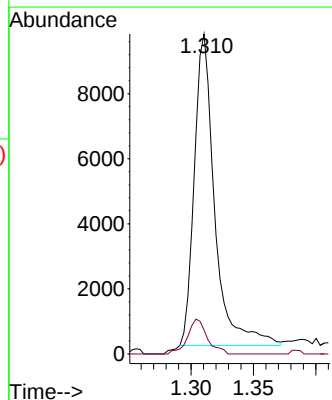
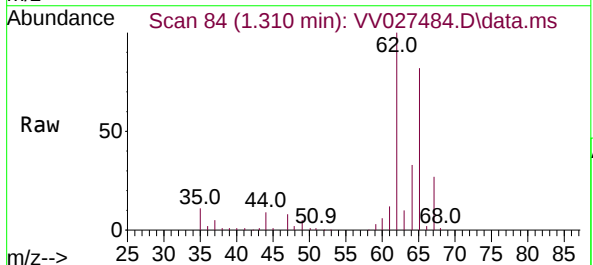
Instrument :
MSVOA_V
ClientSampleId :
EX9C7DL

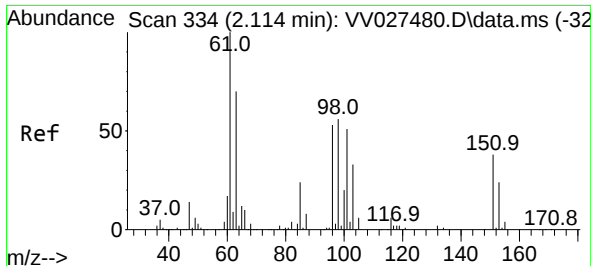
Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 93.9 65.2 121.0



#8
Chloroethane
Concen: 1.625 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV027484.D
Acq: 23 Aug 2022 13:18

Tgt Ion: 64 Resp: 10895
Ion Ratio Lower Upper
64 100
66 7.5 23.3 43.3#





#12

1,1-Dichloroethene

Concen: 0.135 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV027484.D

Acq: 23 Aug 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

EX9C7DL

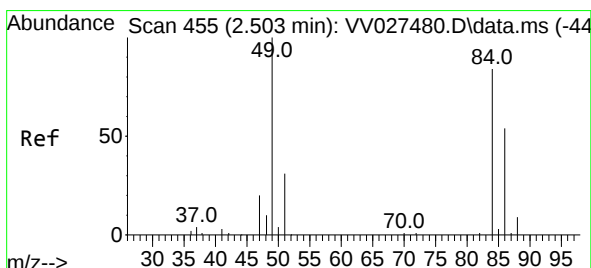
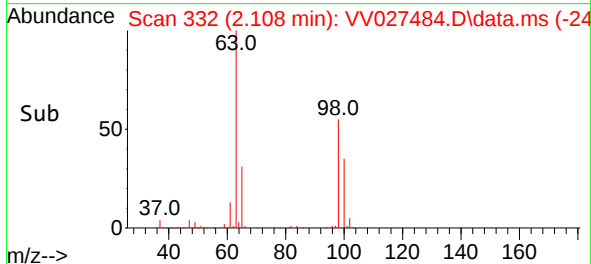
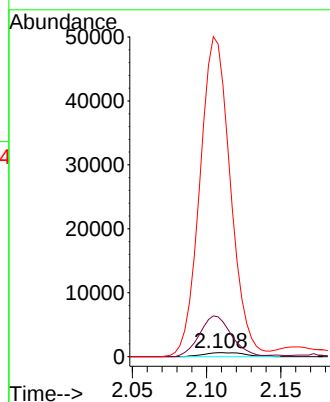
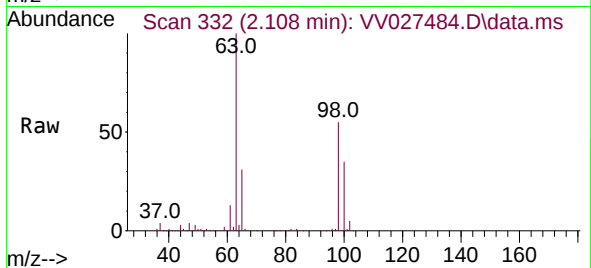
Tgt Ion: 96 Resp: 1255

Ion Ratio Lower Upper

96 100

61 983.3 130.2 241.8#

63 7713.6 87.4 162.4#



#16

Methylene chloride

Concen: 0.501 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.000 min

Lab File: VV027484.D

Acq: 23 Aug 2022 13:18

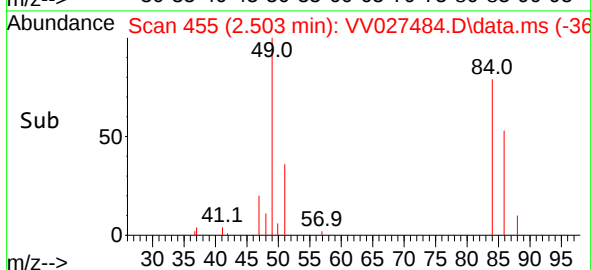
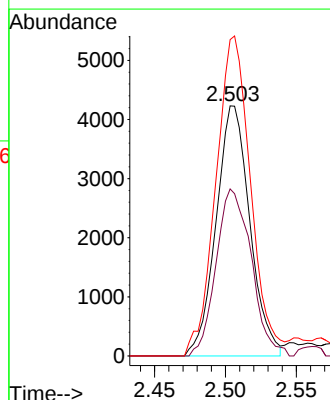
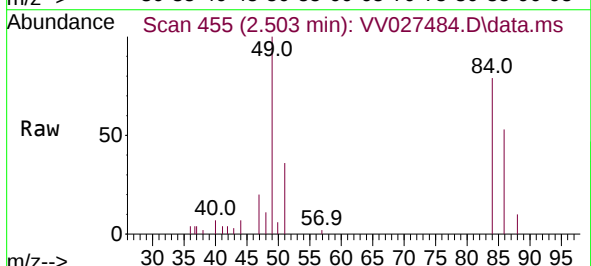
Tgt Ion: 84 Resp: 7026

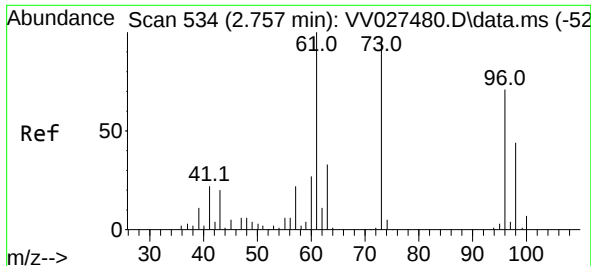
Ion Ratio Lower Upper

84 100

86 66.8 44.0 81.6

49 126.5 89.4 166.0

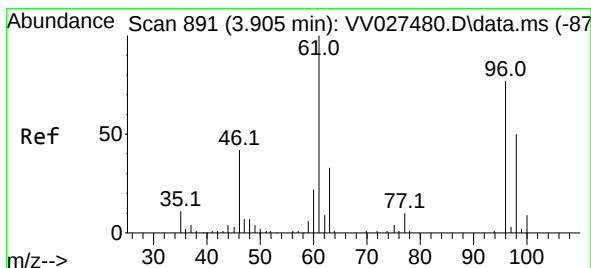
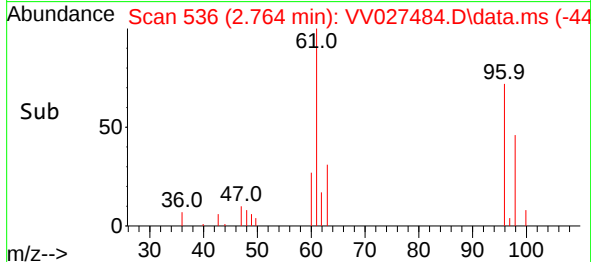
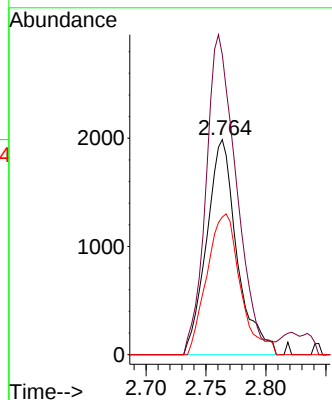
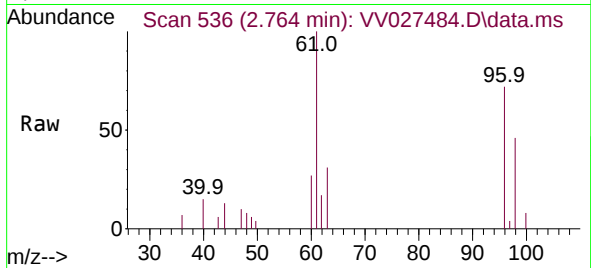




#18
trans-1,2-Dichloroethene
Concen: 0.364 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027484.D
Acq: 23 Aug 2022 13:18

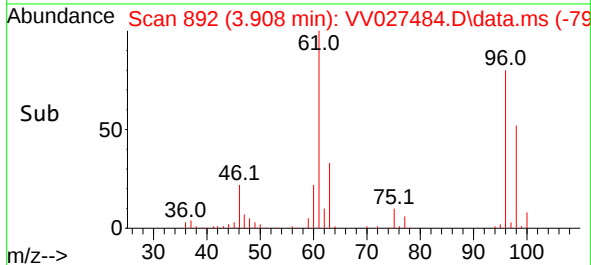
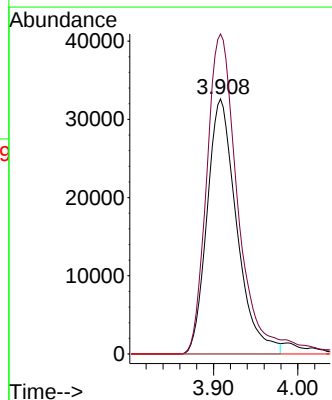
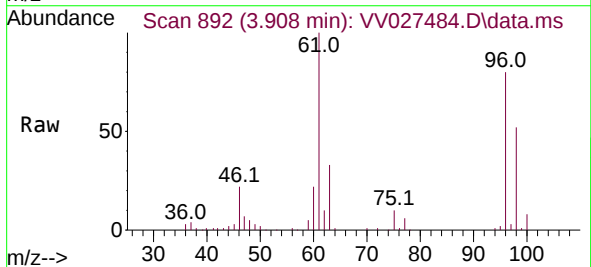
Instrument :
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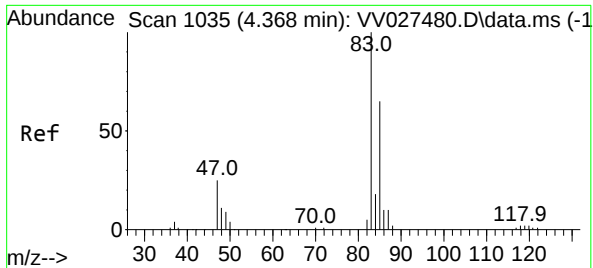
Tgt Ion: 96 Resp: 3495
Ion Ratio Lower Upper
96 100
61 139.6 97.6 181.4
98 64.0 45.9 85.3



#22
cis-1,2-Dichloroethene
Concen: 7.803 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV027484.D
Acq: 23 Aug 2022 13:18

Tgt Ion: 96 Resp: 79749
Ion Ratio Lower Upper
96 100
61 125.5 90.6 168.2
68 0.0 0.0 0.0

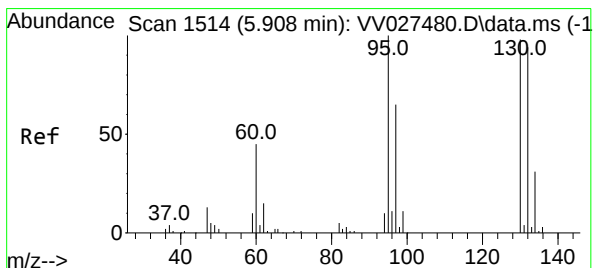
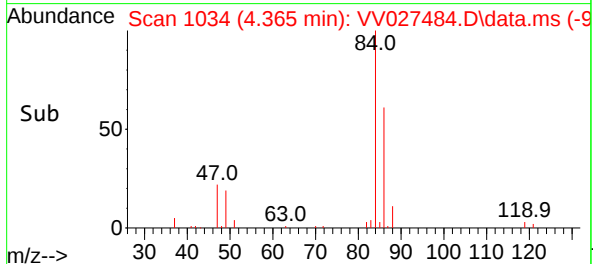
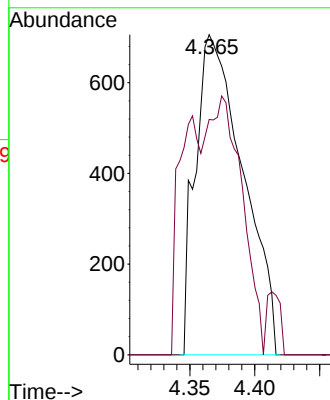
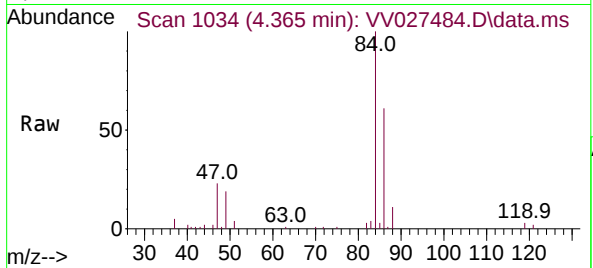




#25
Chloroform
Concen: 0.084 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV027484.D
Acq: 23 Aug 2022 13:18

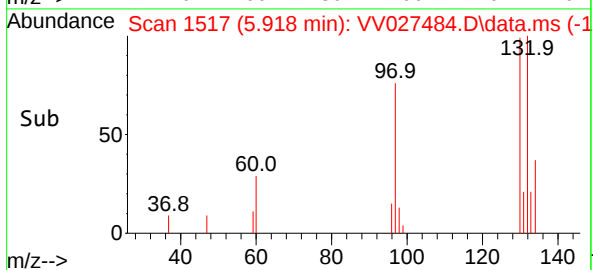
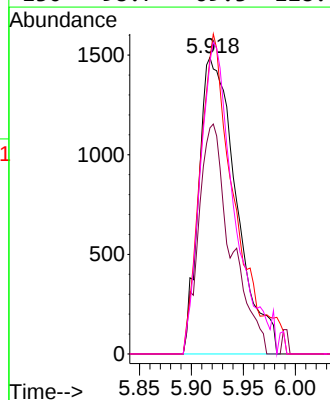
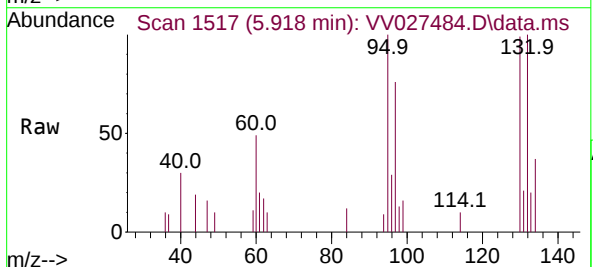
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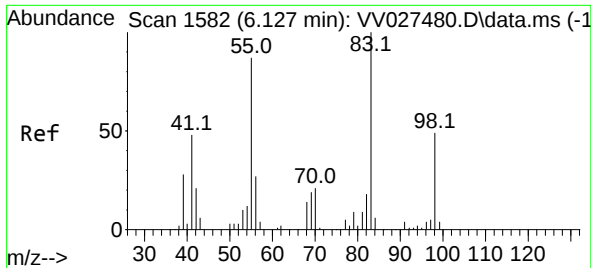
Tgt Ion: 83 Resp: 1804
Ion Ratio Lower Upper
83 100
85 73.5 43.3 80.5



#34
Trichloroethene
Concen: 0.351 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.009 min
Lab File: VV027484.D
Acq: 23 Aug 2022 13:18

Tgt Ion: 95 Resp: 3745
Ion Ratio Lower Upper
95 100
97 76.3 45.0 83.6
132 99.8 65.7 121.9
130 98.7 69.3 128.7

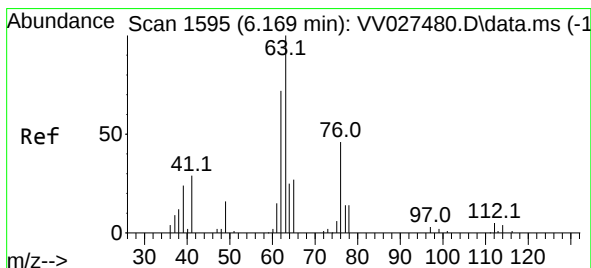
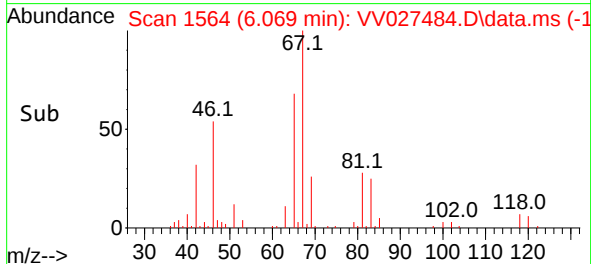
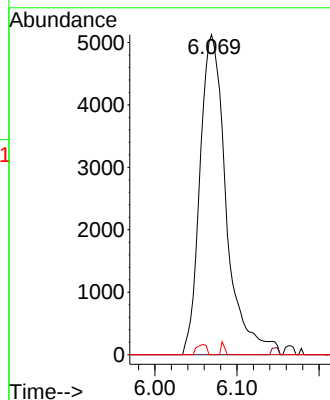
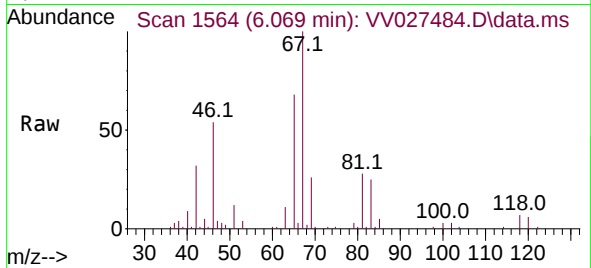




#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV027484.D
Acq: 23 Aug 2022 13:18

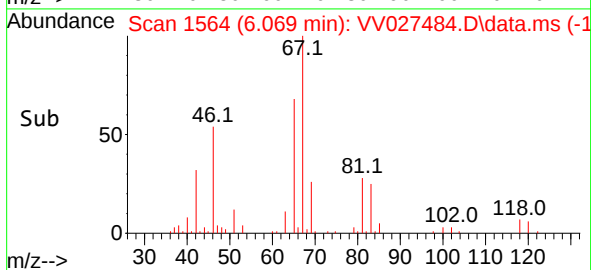
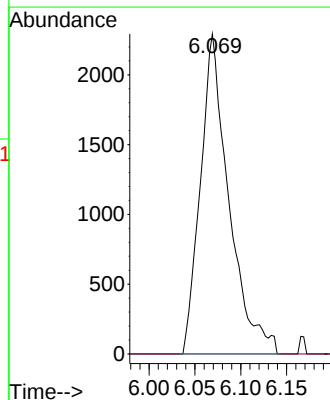
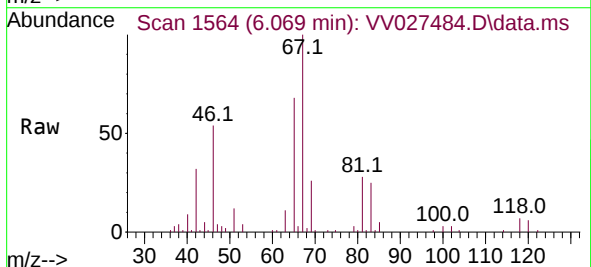
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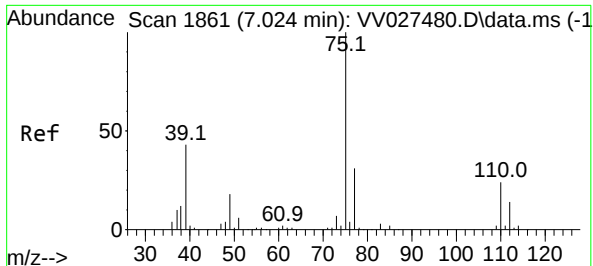
Tgt Ion: 83 Resp: 11419
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 1.2 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.458 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV027484.D
Acq: 23 Aug 2022 13:18

Tgt Ion: 63 Resp: 4947
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV027484.D

Acq: 23 Aug 2022 13:18

Instrument :

MSVOA_V

ClientSampleId :

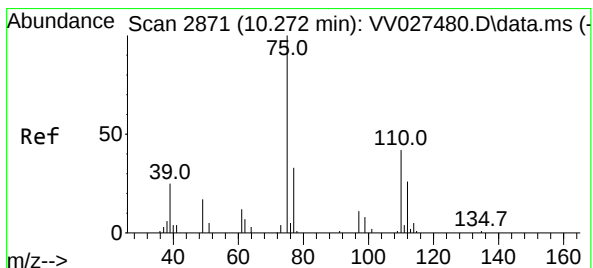
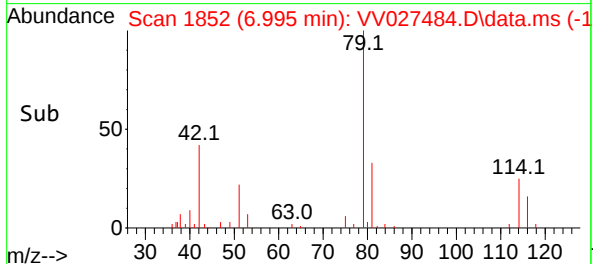
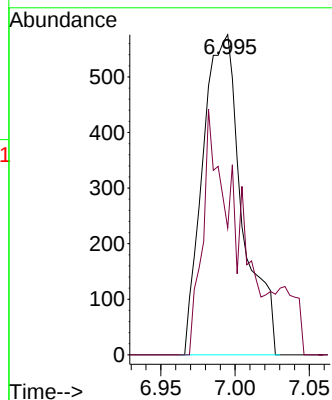
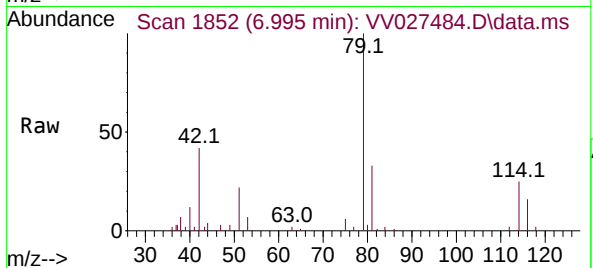
EX9C7DL

Tgt Ion: 75 Resp: 1070

Ion Ratio Lower Upper

75 100

77 39.6 22.9 42.5



#61

1,2,3-Trichloropropane

Concen: 1.292 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027484.D

Acq: 23 Aug 2022 13:18

Tgt Ion: 75 Resp: 5954

Ion Ratio Lower Upper

75 100

77 35.3 26.2 39.2

110 0.3 29.9 44.9#

