

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028186.D
 Acq On : 29 Sep 2022 14:58
 Operator : SY/MD
 Sample : N4866-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ0

Quant Time: Sep 30 01:47:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

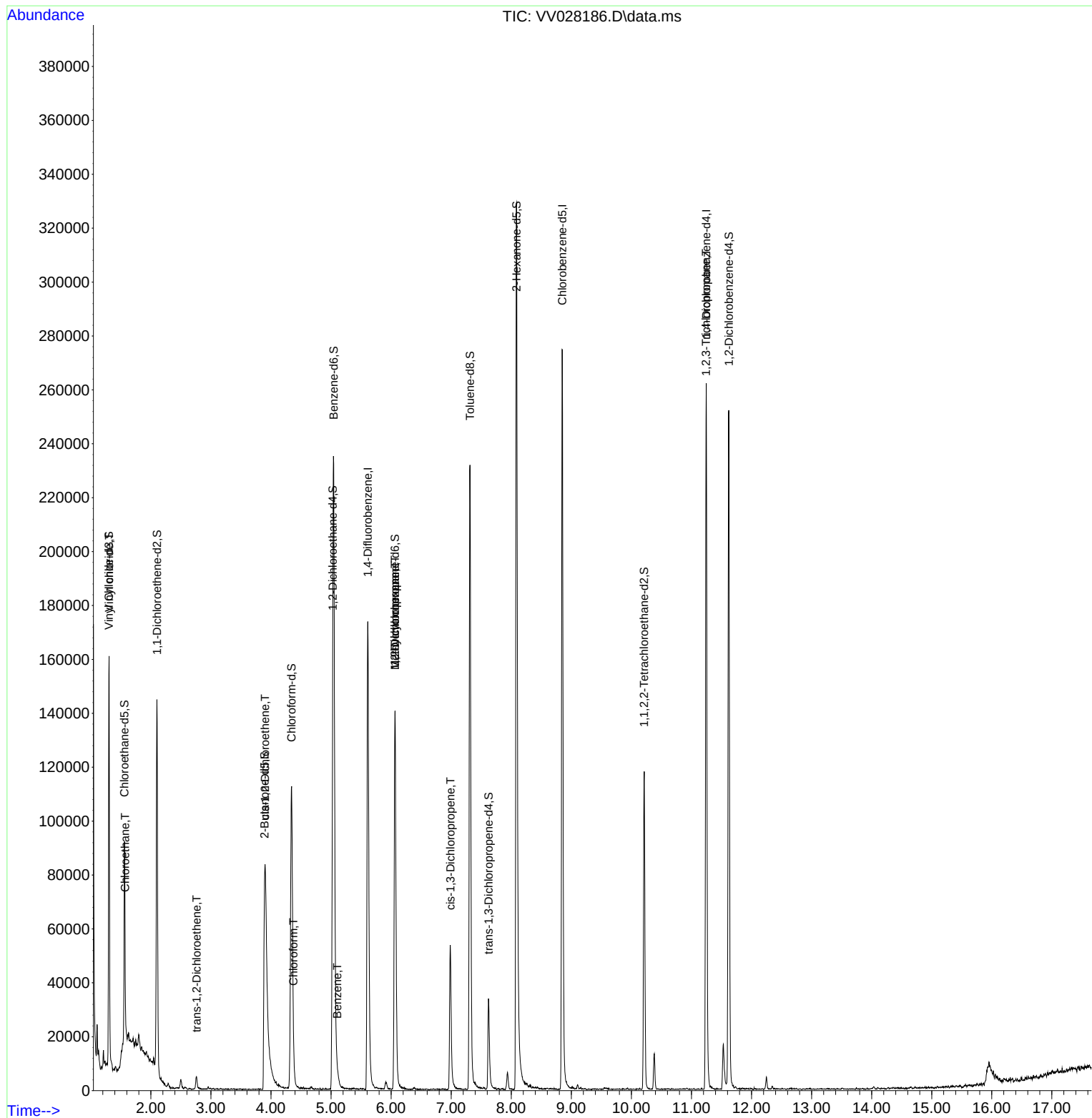
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	162213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	162455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	48274	2.871	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.561	69	48096	3.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.101	63	68585	2.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.000%#
20) 2-Butanone-d5	3.892	46	149144	52.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.060%
24) Chloroform-d	4.342	84	119739	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.027	65	60129	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.043	84	213577	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.066	67	70839	4.266	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.313	98	164299	3.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	7.622	79	21150	3.526	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.088	63	125918	50.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57204	5.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	70587	4.727	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	51445	4.090	ug/L	99
8) Chloroethane	1.571	64	6499	0.770	ug/L #	51
18) trans-1,2-Dichloroethene	2.760	96	2083	0.212	ug/L #	82
22) cis-1,2-Dichloroethene	3.902	96	15571	1.209	ug/L	96
25) Chloroform	4.375	83	1774	0.077	ug/L	97
33) Benzene	5.101	78	5503	0.122	ug/L	100
35) Methylcyclohexane	6.063	83	17920	1.164	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	7634	0.604	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1566	0.100	ug/L #	79
61) 1,2,3-Trichloropropane	11.242	75	7073	1.108	ug/L #	68

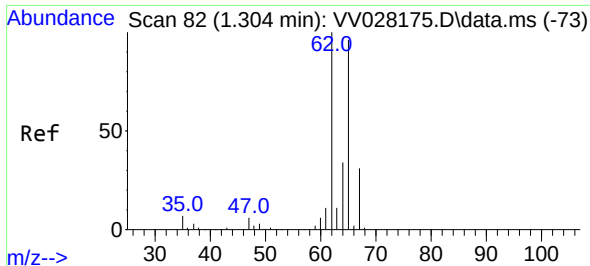
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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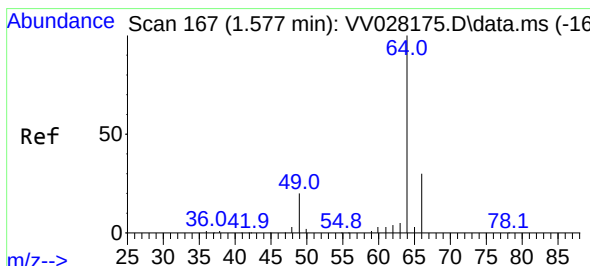
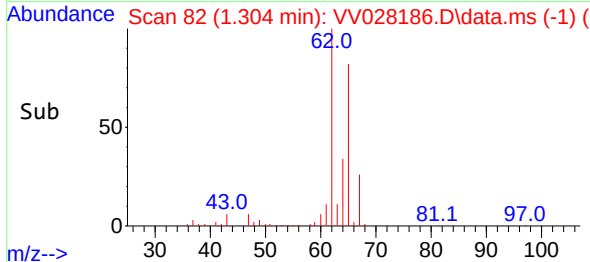
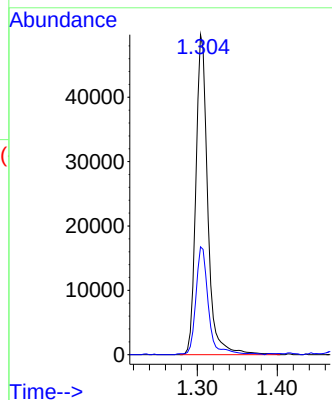
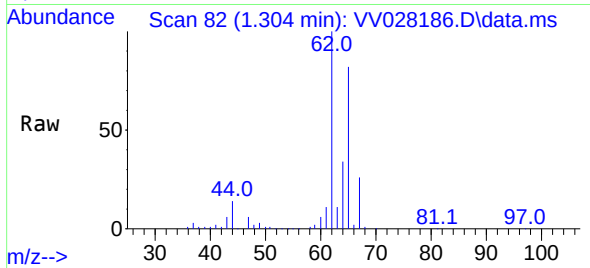




#5
 Vinyl chloride
 Concen: 4.090 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028186.D
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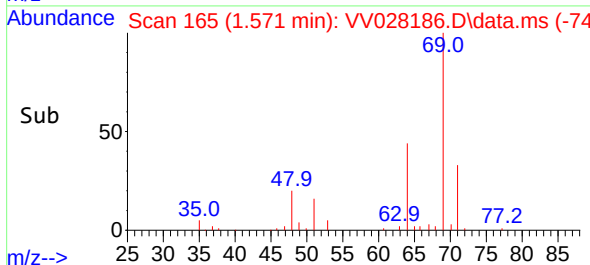
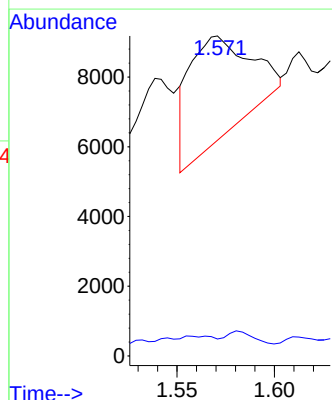
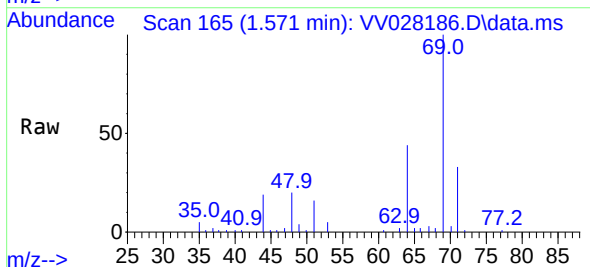
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ0

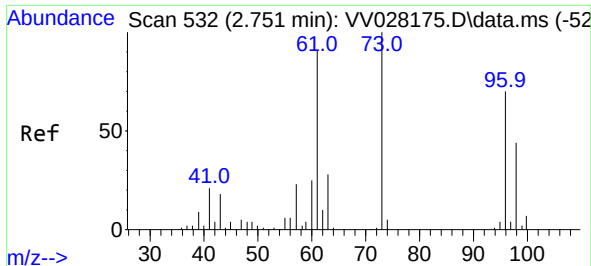
Tgt Ion: 62 Resp: 51445
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.0 42.8



#8
 Chloroethane
 Concen: 0.770 ug/L
 RT: 1.571 min Scan# 165
 Delta R.T. -0.007 min
 Lab File: VV028186.D
 Acq: 29 Sep 2022 14:58

Tgt Ion: 64 Resp: 6499
 Ion Ratio Lower Upper
 64 100
 66 5.3 23.0 42.8#

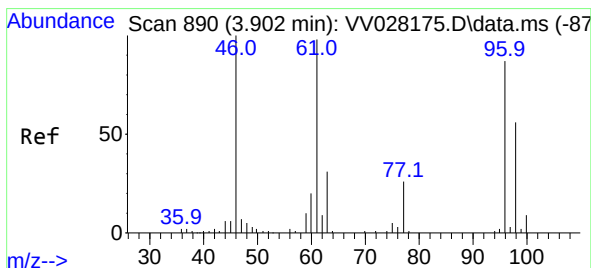
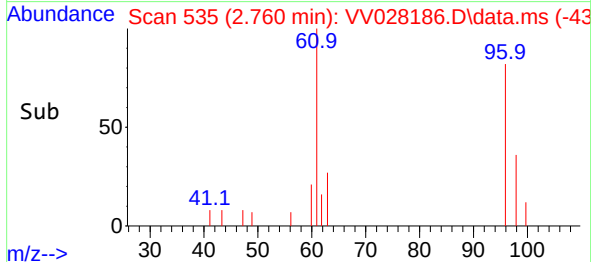
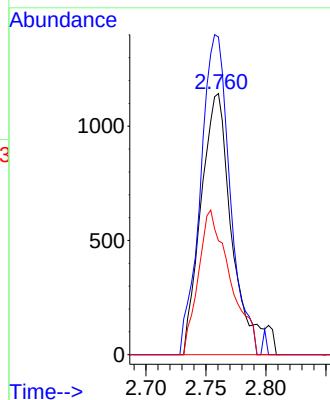
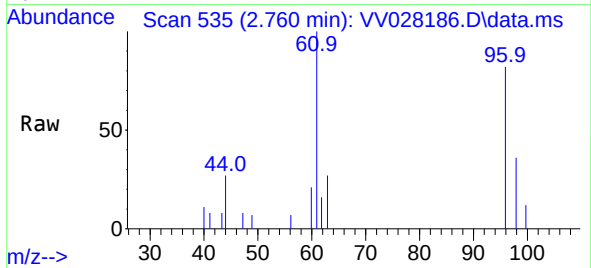




#18
trans-1,2-Dichloroethene
Concen: 0.212 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.009 min
Lab File: VV028186.D
Acq: 29 Sep 2022 14:58

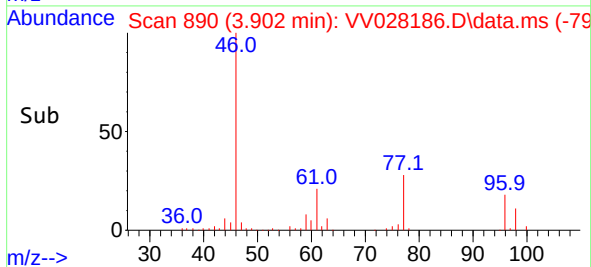
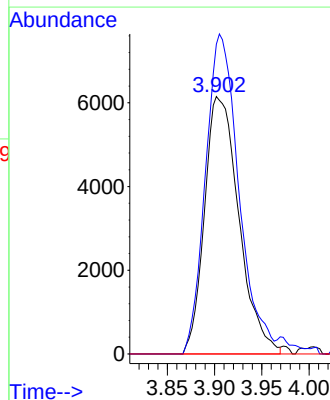
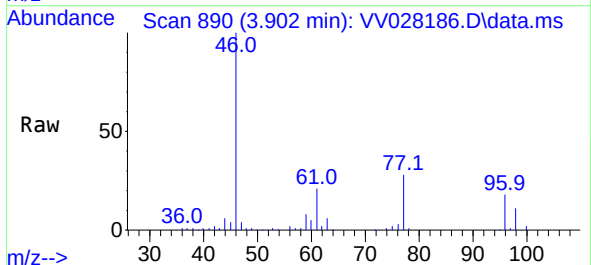
Instrument :
MSVOA_V
ClientSampleId :
EXFQ0

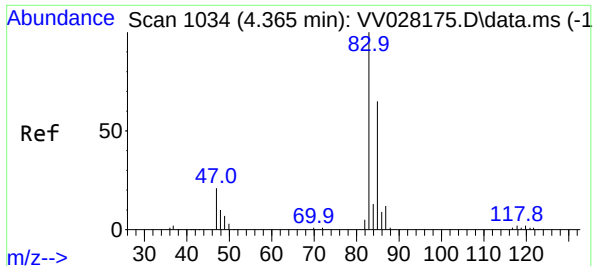
Tgt Ion: 96 Resp: 2083
Ion Ratio Lower Upper
96 100
61 121.7 96.2 178.6
98 43.7 45.7 84.9#



#22
cis-1,2-Dichloroethene
Concen: 1.209 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028186.D
Acq: 29 Sep 2022 14:58

Tgt Ion: 96 Resp: 15571
Ion Ratio Lower Upper
96 100
61 120.3 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.077 ug/L

RT: 4.375 min Scan# 1034

Delta R.T. 0.013 min

Lab File: VV028186.D

Acq: 29 Sep 2022 14:58

Instrument :

MSVOA_V

ClientSampleId :

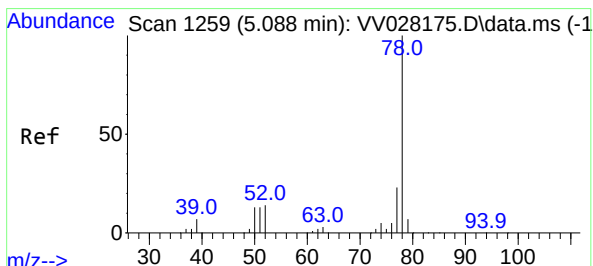
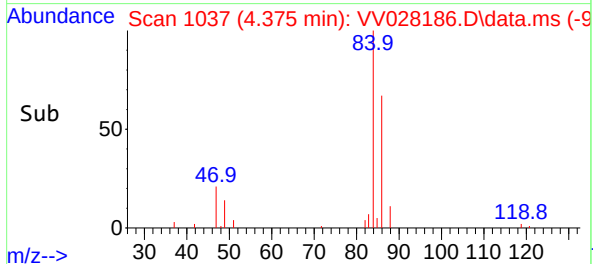
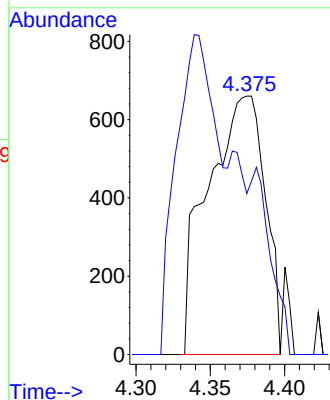
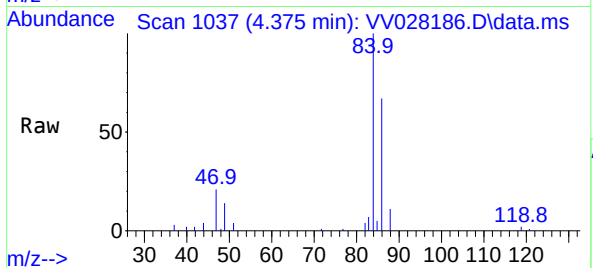
EXFQ0

Tgt Ion: 83 Resp: 1774

Ion Ratio Lower Upper

83 100

85 62.3 45.1 83.7



#33

Benzene

Concen: 0.122 ug/L

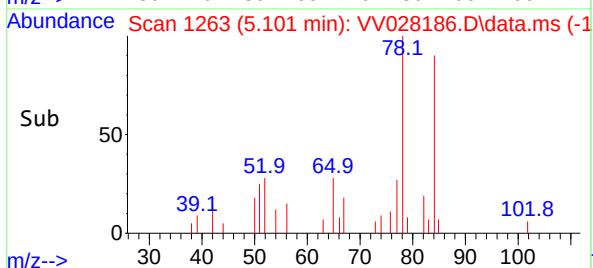
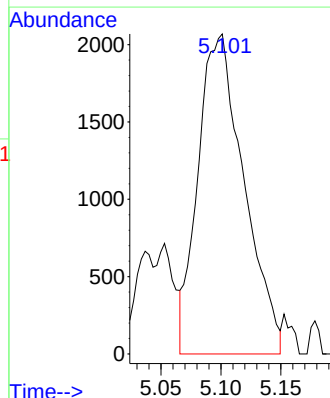
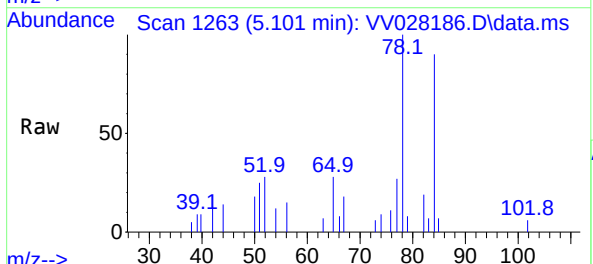
RT: 5.101 min Scan# 1263

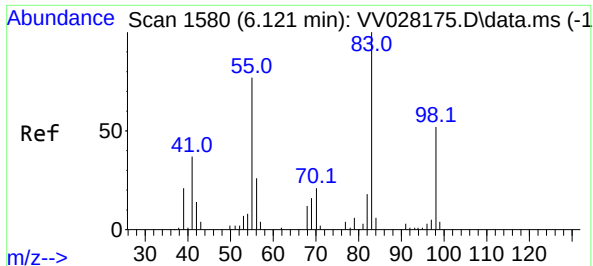
Delta R.T. 0.013 min

Lab File: VV028186.D

Acq: 29 Sep 2022 14:58

Tgt Ion: 78 Resp: 5503





#35

Methylcyclohexane

Concen: 1.164 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028186.D

Acq: 29 Sep 2022 14:58

Instrument :

MSVOA_V

ClientSampleId :

EXFQ0

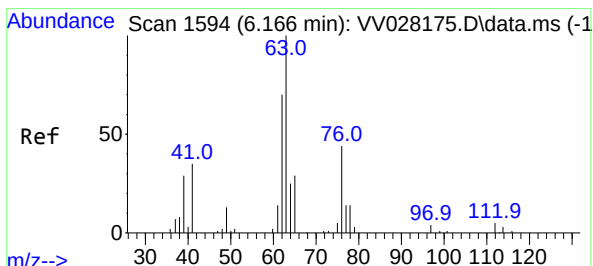
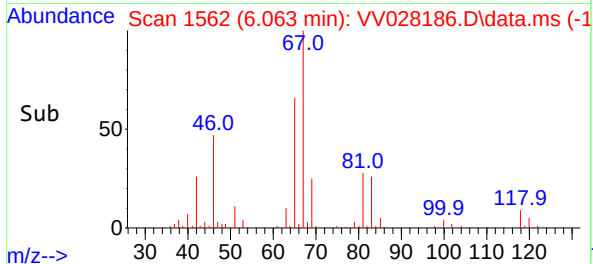
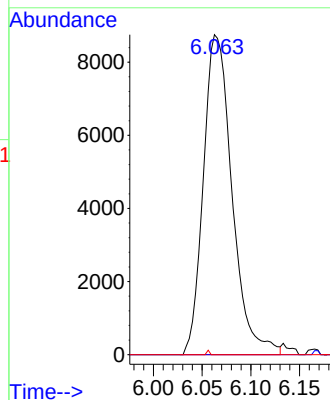
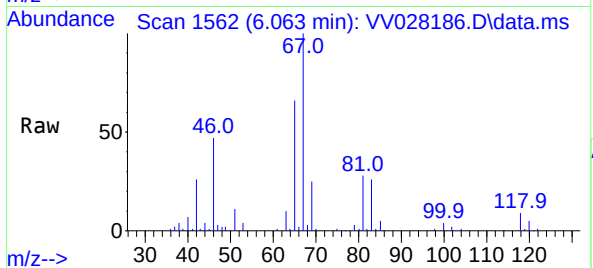
Tgt Ion: 83 Resp: 17920

Ion Ratio Lower Upper

83 100

55 0.2 64.7 97.1#

98 0.1 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV028186.D

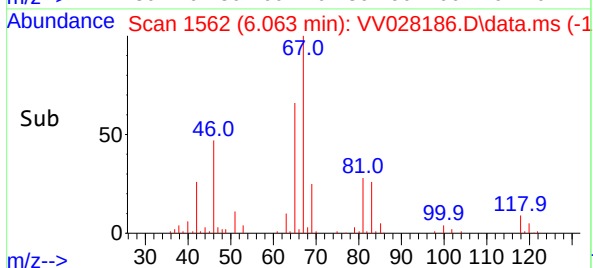
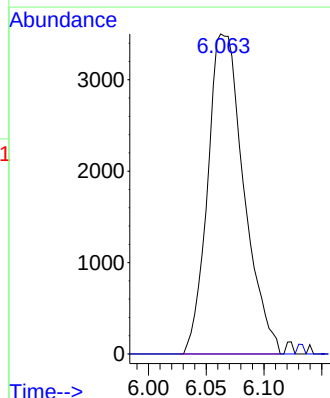
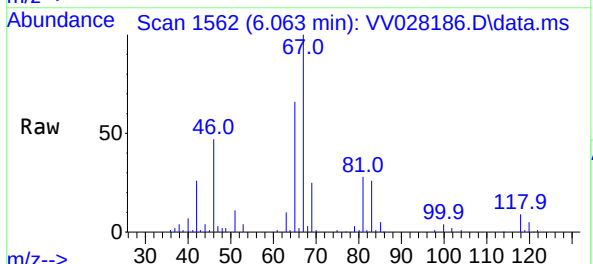
Acq: 29 Sep 2022 14:58

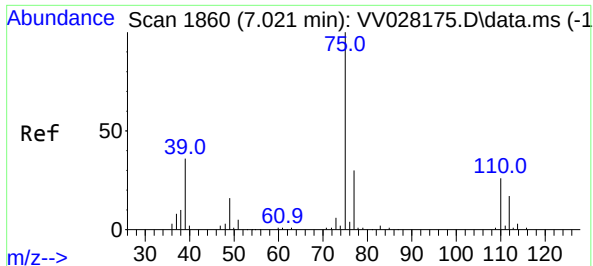
Tgt Ion: 63 Resp: 7634

Ion Ratio Lower Upper

63 100

112 0.5 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV028186.D

Acq: 29 Sep 2022 14:58

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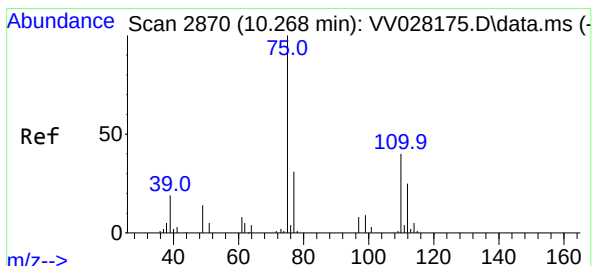
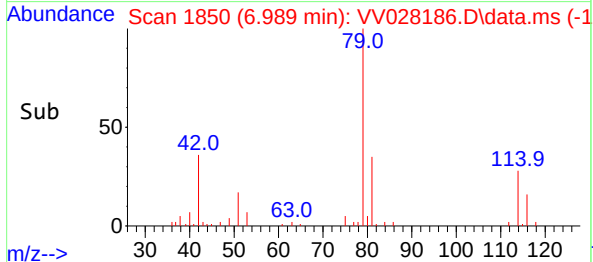
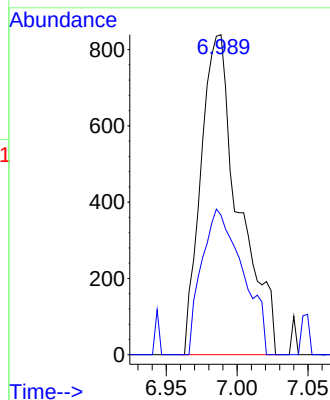
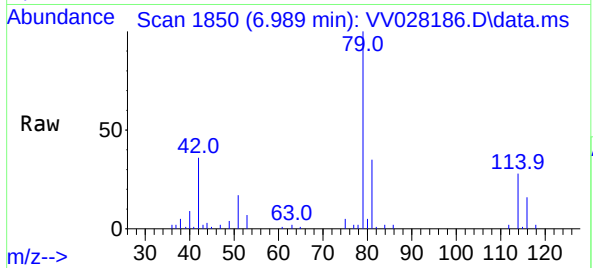
EXFQ0

Tgt Ion: 75 Resp: 1566

Ion Ratio Lower Upper

75 100

77 43.6 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.108 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028186.D

Acq: 29 Sep 2022 14:58

Tgt Ion: 75 Resp: 7073

Ion Ratio Lower Upper

75 100

77 32.9 26.7 40.1

110 1.8 30.1 45.1#

