

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028183.D
 Acq On : 29 Sep 2022 13:45
 Operator : SY/MD
 Sample : N4866-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ8

Quant Time: Sep 30 01:47:23 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)

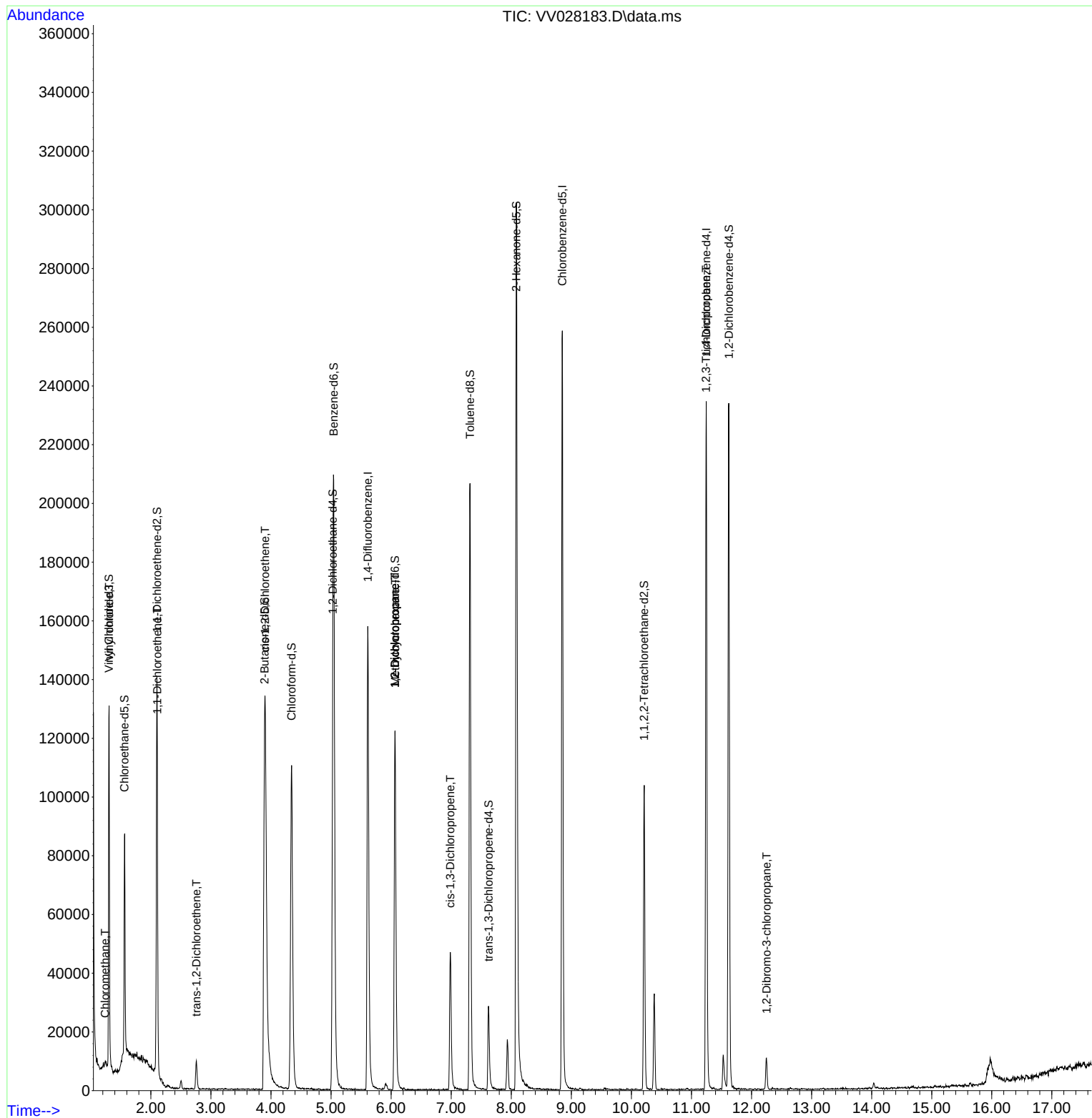
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	146443	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49062	3.232	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.561	69	48655	4.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.101	63	67367	2.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.200%#
20) 2-Butanone-d5	3.892	46	152434	59.472	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.940%
24) Chloroform-d	4.342	84	117867	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.027	65	54264	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.043	84	194173	3.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.063	67	61670	4.002	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.313	98	148613	3.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.622	79	18829	3.383	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.085	63	113485	48.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48363	4.591	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	66636	4.981	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	978	0.068	ug/L	90
5) Vinyl chloride	1.304	62	35461	3.123	ug/L	99
12) 1,1-Dichloroethene	2.108	96	918	0.091	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	3745	0.423	ug/L	94
22) cis-1,2-Dichloroethene	3.902	96	42413	3.649	ug/L	92
35) Methylcyclohexane	6.066	83	15906	1.113	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	6761	0.576	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	1238	0.085	ug/L #	56
61) 1,2,3-Trichloropropane	11.242	75	6052	1.058	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.249	75	368	0.293	ug/L #	1

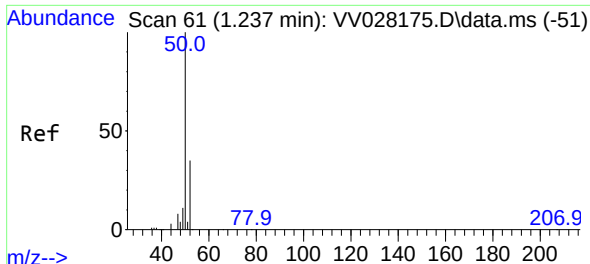
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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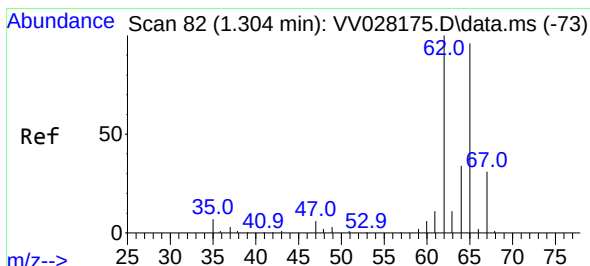
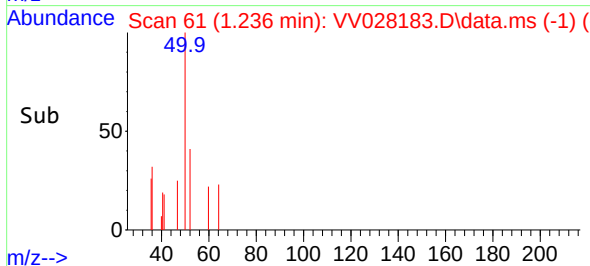
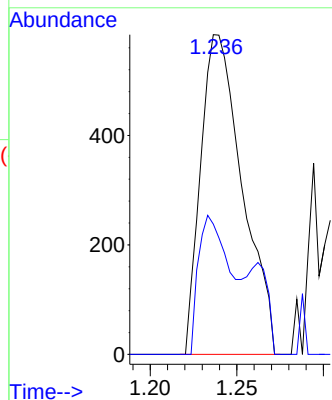
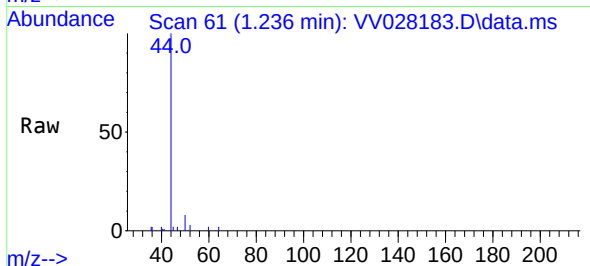




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028183.D
Acq: 29 Sep 2022 13:45

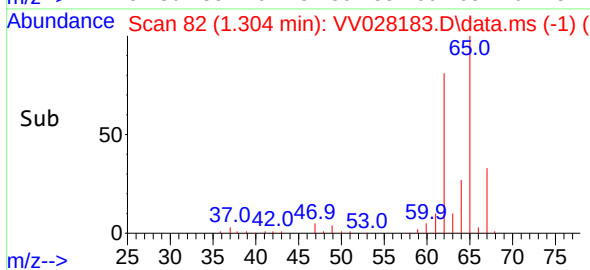
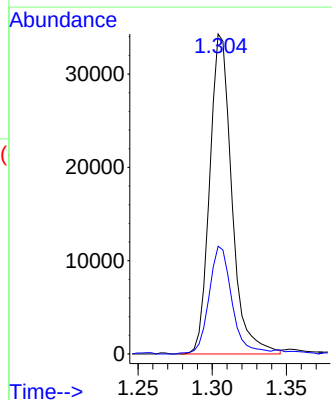
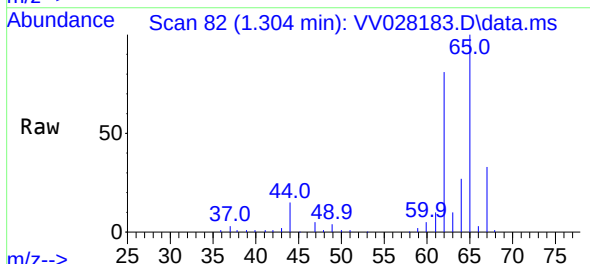
Instrument :
MSVOA_V
ClientSampleId :
EXFQ8

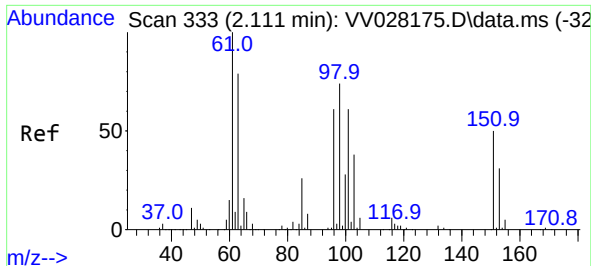
Tgt Ion: 50 Resp: 978
Ion Ratio Lower Upper
50 100
52 40.8 24.4 45.2



#5
Vinyl chloride
Concen: 3.123 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028183.D
Acq: 29 Sep 2022 13:45

Tgt Ion: 62 Resp: 35461
Ion Ratio Lower Upper
62 100
64 33.7 23.0 42.8





#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028183.D

Acq: 29 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

EXFQ8

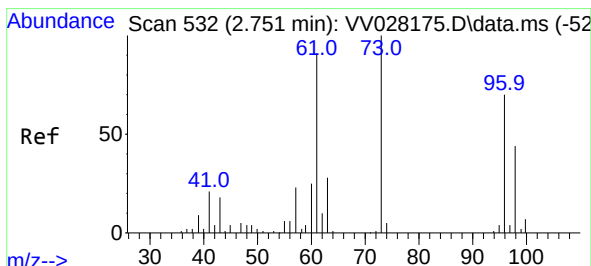
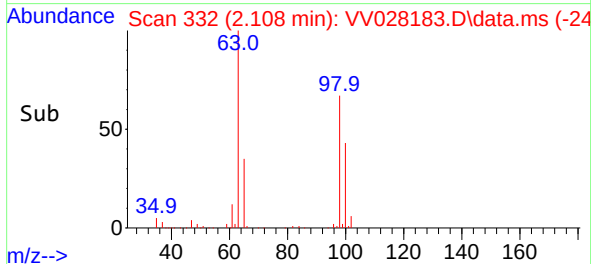
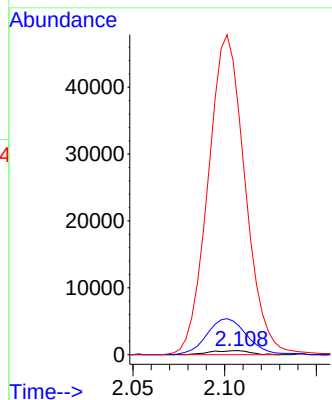
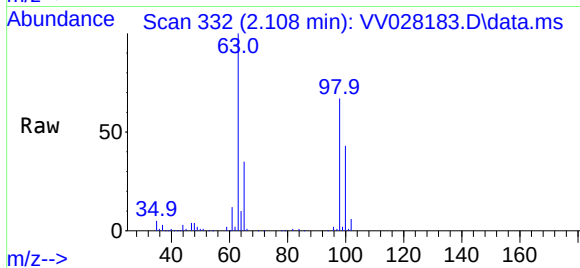
Tgt Ion: 96 Resp: 918

Ion Ratio Lower Upper

96 100

61 718.7 128.3 238.3#

63 6008.7 112.7 209.3#



#18

trans-1,2-Dichloroethene

Concen: 0.423 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.006 min

Lab File: VV028183.D

Acq: 29 Sep 2022 13:45

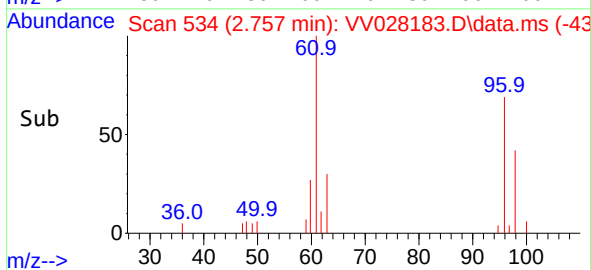
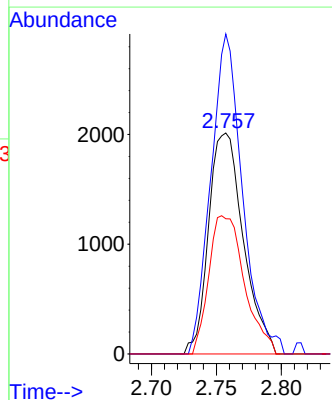
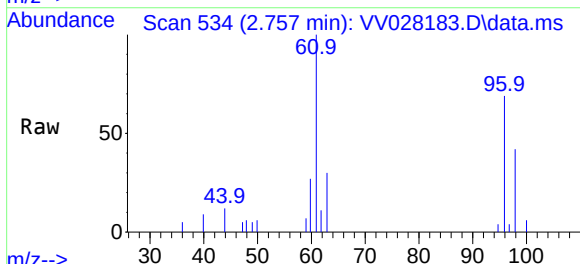
Tgt Ion: 96 Resp: 3745

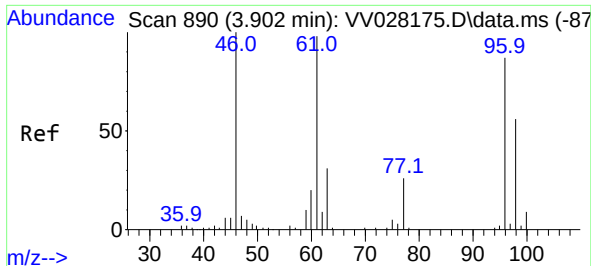
Ion Ratio Lower Upper

96 100

61 144.9 96.2 178.6

98 61.2 45.7 84.9

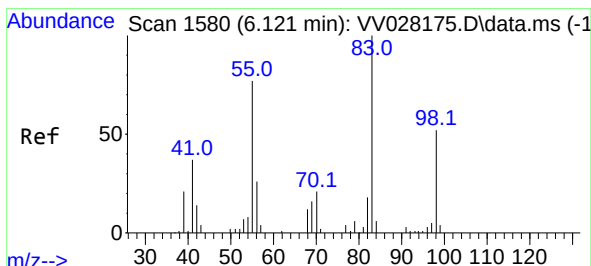
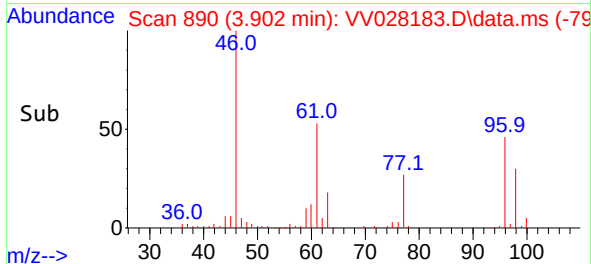
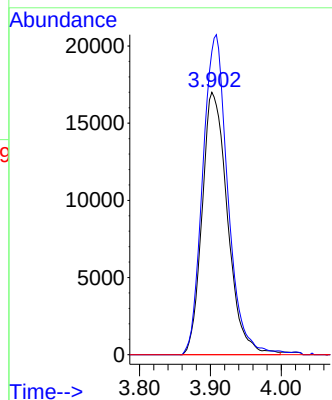
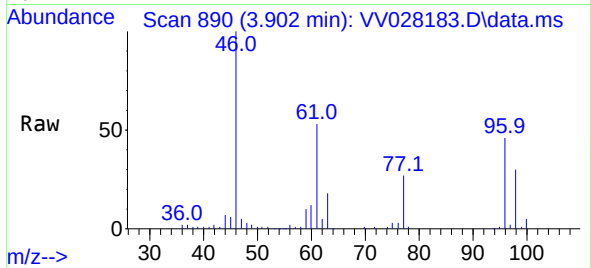




#22
 cis-1,2-Dichloroethene
 Concen: 3.649 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV028183.D
 Acq: 29 Sep 2022 13:45

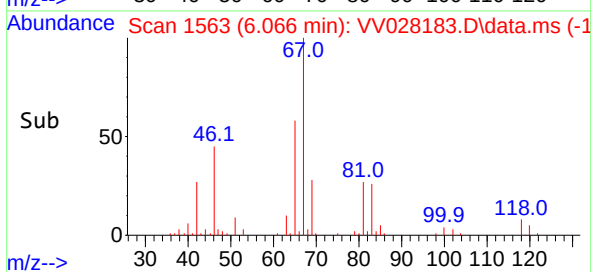
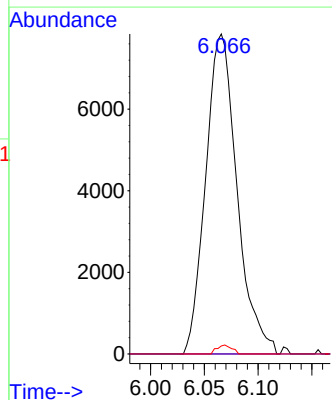
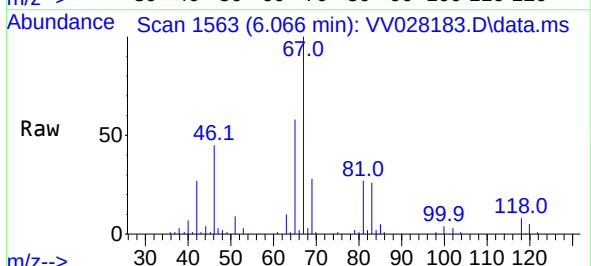
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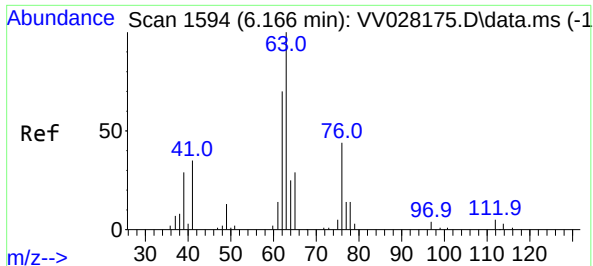
Tgt Ion: 96 Resp: 42413
 Ion Ratio Lower Upper
 96 100
 61 115.6 87.2 161.9
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 1.113 ug/L
 RT: 6.066 min Scan# 1563
 Delta R.T. -0.055 min
 Lab File: VV028183.D
 Acq: 29 Sep 2022 13:45

Tgt Ion: 83 Resp: 15906
 Ion Ratio Lower Upper
 83 100
 55 0.0 64.7 97.1#
 98 1.3 39.5 59.3#

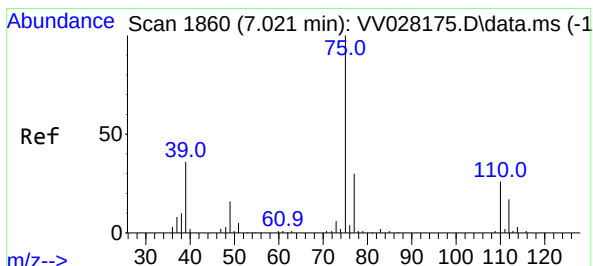
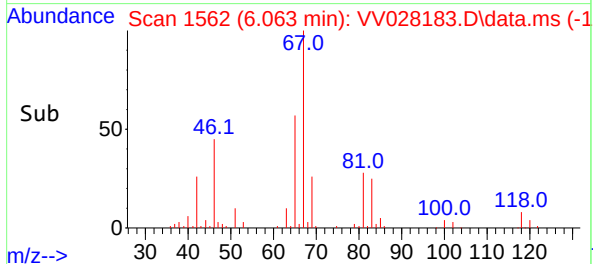
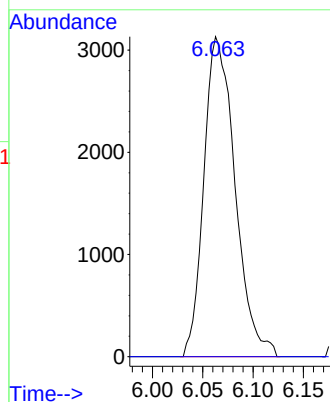
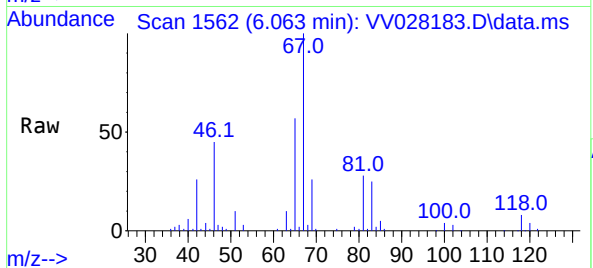




#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028183.D
Acq: 29 Sep 2022 13:45

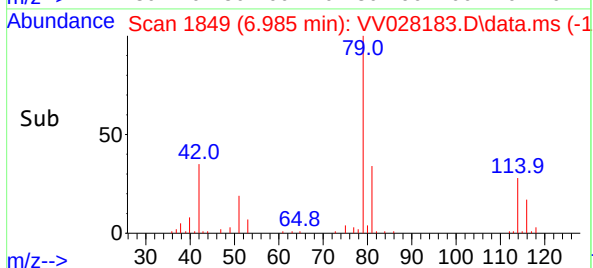
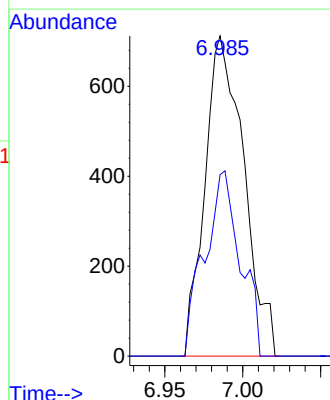
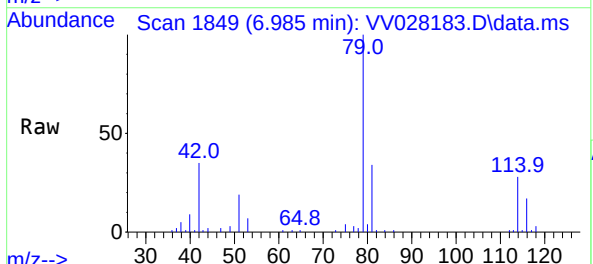
Instrument :
MSVOA_V
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EXFQ8

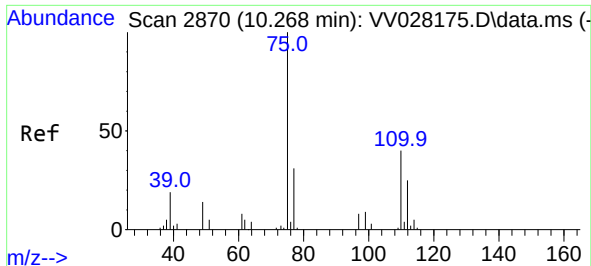
Tgt Ion: 63 Resp: 6761
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV028183.D
Acq: 29 Sep 2022 13:45

Tgt Ion: 75 Resp: 1238
Ion Ratio Lower Upper
75 100
77 56.6 22.4 41.6#





#61

1,2,3-Trichloropropane

Concen: 1.058 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV028183.D

Acq: 29 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

EXFQ8

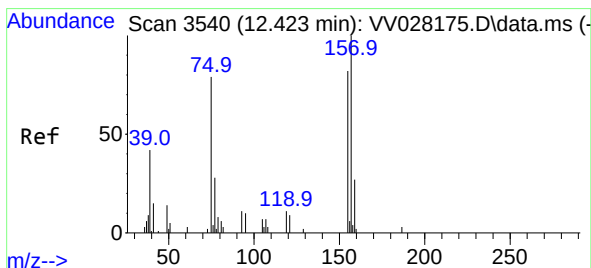
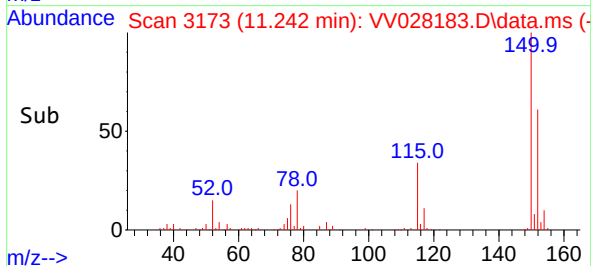
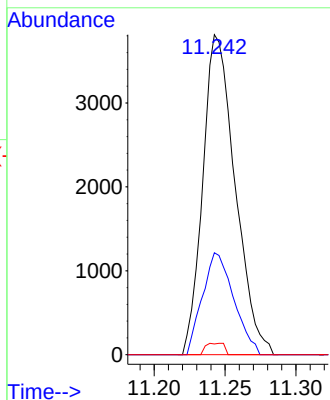
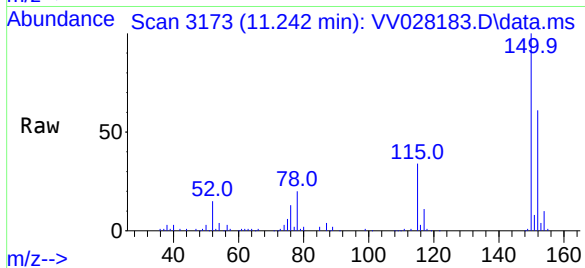
Tgt Ion: 75 Resp: 6052

Ion Ratio Lower Upper

75 100

77 30.9 26.7 40.1

110 2.0 30.1 45.1#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.293 ug/L

RT: 12.249 min Scan# 3486

Delta R.T. -0.174 min

Lab File: VV028183.D

Acq: 29 Sep 2022 13:45

Tgt Ion: 75 Resp: 368

Ion Ratio Lower Upper

75 100

155 0.0 73.6 110.4#

157 0.0 90.7 136.1#

