

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027570.D
 Acq On : 29 Aug 2022 18:24
 Operator : SY/MD
 Sample : N4402-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8

Quant Time: Aug 30 04:20:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

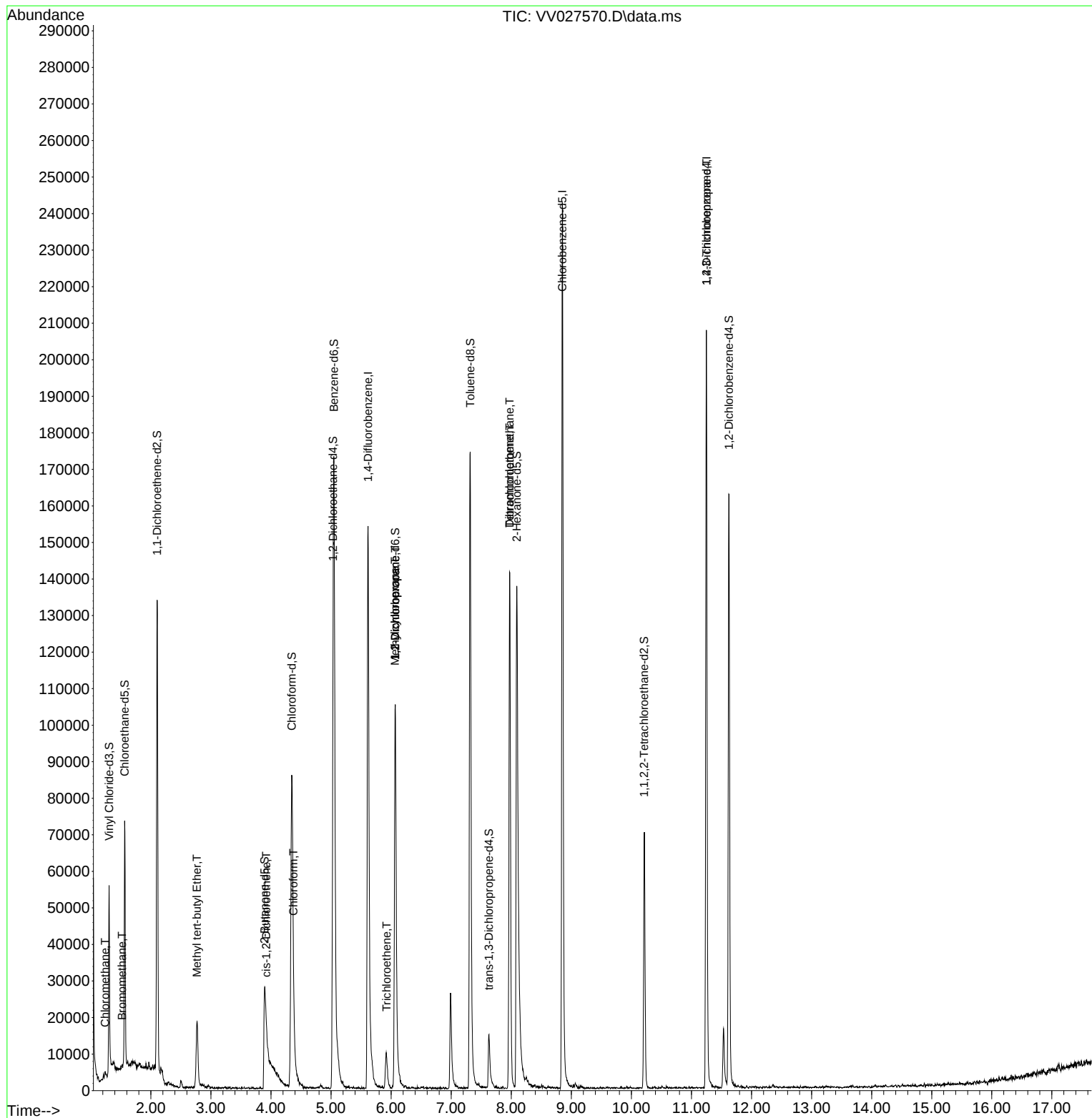
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	138814	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36659	3.711	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.565	69	42769	5.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.400%
11) 1,1-Dichloroethene-d2	2.105	63	69784	3.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.892	46	56465	45.926	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.860%
24) Chloroform-d	4.346	84	88932	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.034	65	44179	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.047	84	165569	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.069	67	51909	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	124185	3.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.629	79	10144	2.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.200%#
46) 2-Hexanone-d5	8.092	63	51233	41.597	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33211	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	41438	5.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1004	0.078	ug/L	96
6) Bromomethane	1.520	94	404	0.063	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	16442	0.757	ug/L #	92
22) cis-1,2-Dichloroethene	3.921	96	370	0.032	ug/L	94
25) Chloroform	4.375	83	12858	0.528	ug/L	98
34) Trichloroethene	5.925	95	2338	0.197	ug/L	98
35) Methylcyclohexane	6.066	83	13204	0.791	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	6614	0.550	ug/L #	85
47) Tetrachloroethene	7.973	164	32488	3.512	ug/L	94
49) Dibromochloromethane	7.973	129	31001	3.278	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6410	1.337	ug/L #	68

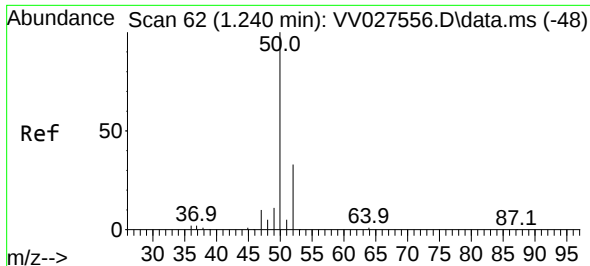
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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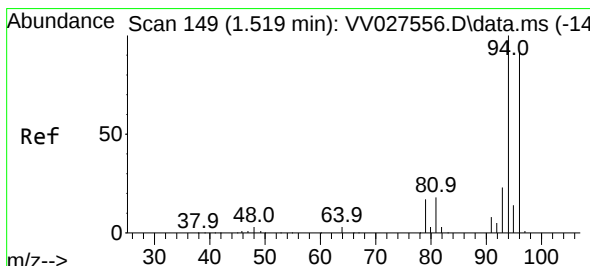
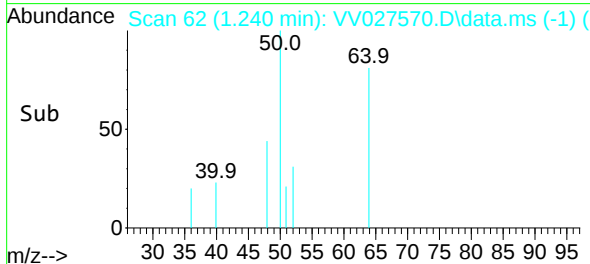
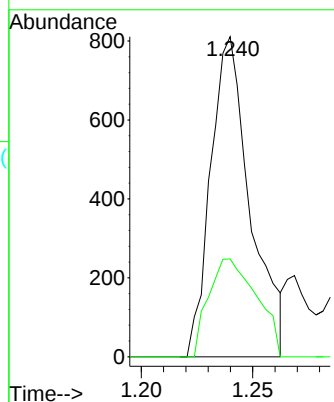
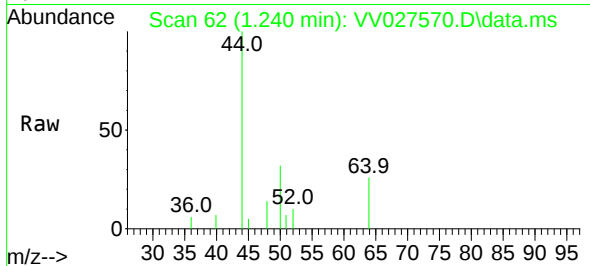




#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027570.D
Acq: 29 Aug 2022 18:24

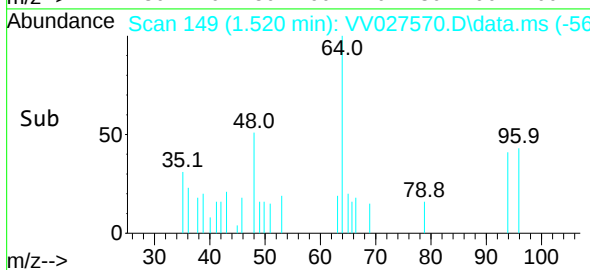
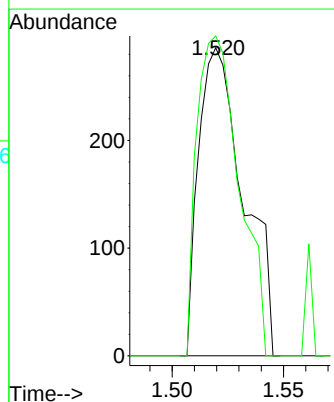
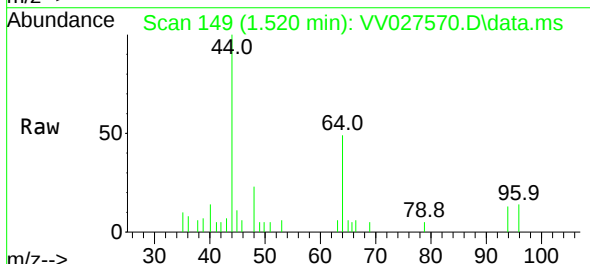
Instrument :
MSVOA_V
ClientSampleId :
DBVA8

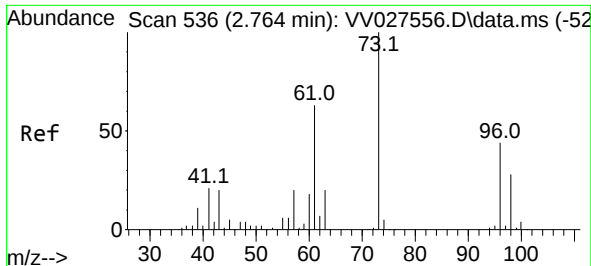
Tgt Ion: 50 Resp: 1004
Ion Ratio Lower Upper
50 100
52 30.6 22.8 42.4



#6
Bromomethane
Concen: 0.063 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027570.D
Acq: 29 Aug 2022 18:24

Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 103.8 65.2 121.0





#17

Methyl tert-butyl Ether

Concen: 0.757 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV027570.D

Acq: 29 Aug 2022 18:24

Instrument :

MSVOA_V

ClientSampleId :

DBVA8

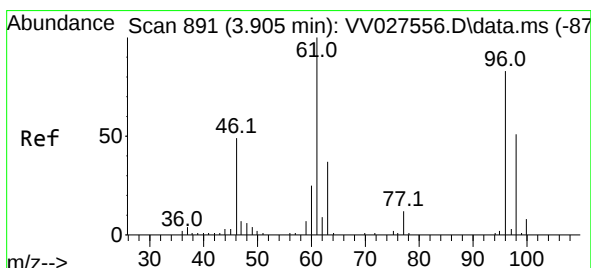
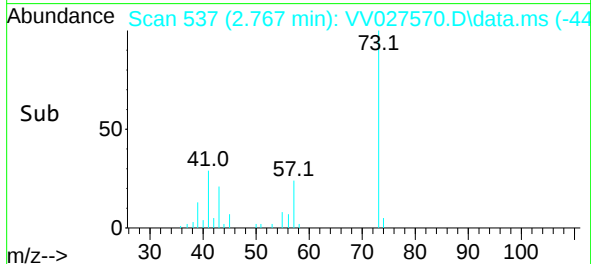
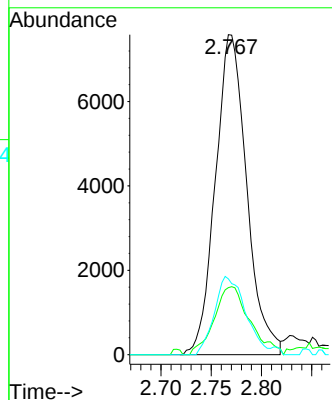
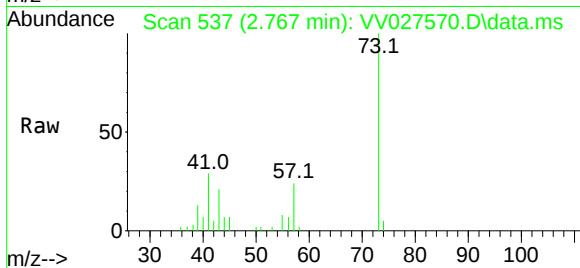
Tgt Ion: 73 Resp: 16442

Ion Ratio Lower Upper

73 100

43 24.1 15.6 23.4#

57 24.3 17.0 25.6



#22

cis-1,2-Dichloroethene

Concen: 0.032 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.016 min

Lab File: VV027570.D

Acq: 29 Aug 2022 18:24

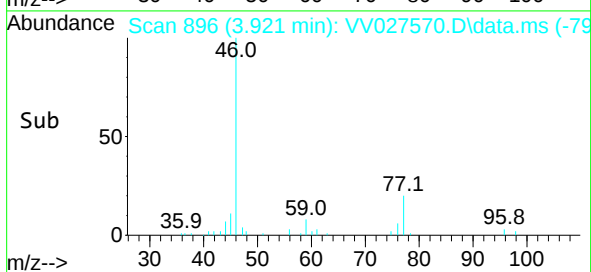
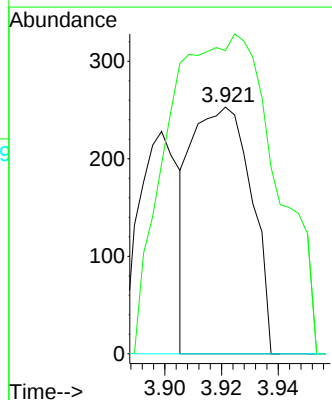
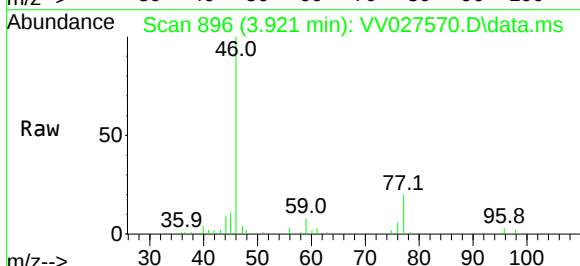
Tgt Ion: 96 Resp: 370

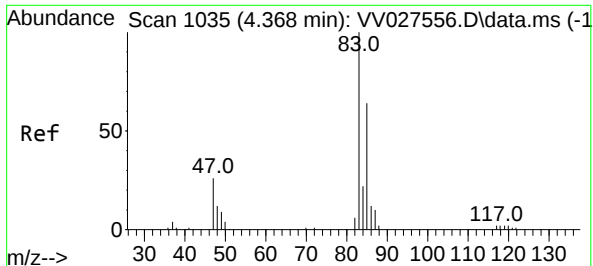
Ion Ratio Lower Upper

96 100

61 122.9 90.6 168.2

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.528 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027570.D

Acq: 29 Aug 2022 18:24

Instrument :

MSVOA_V

ClientSampleId :

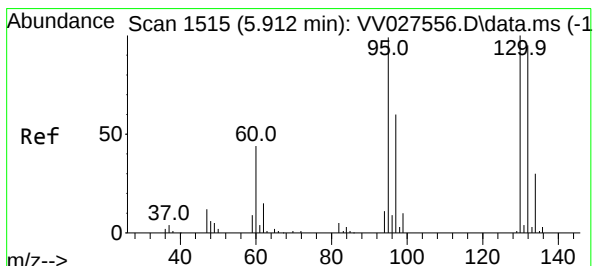
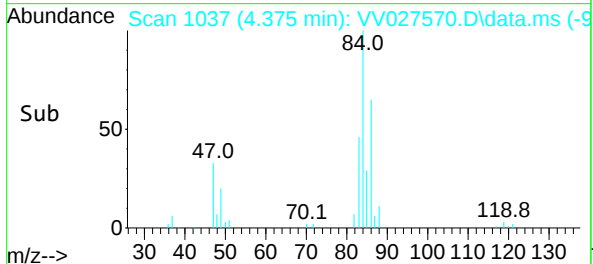
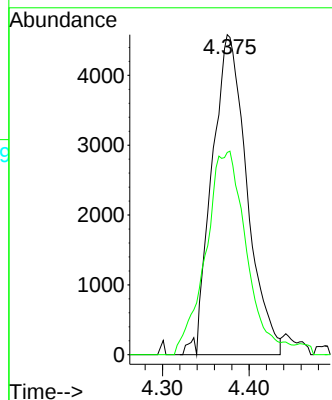
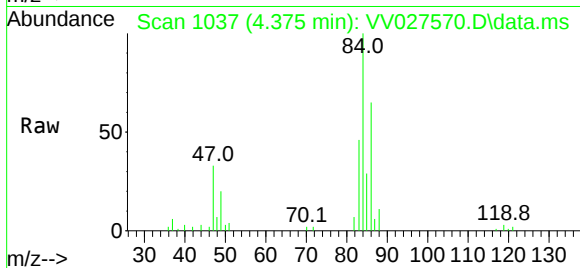
DBVA8

Tgt Ion: 83 Resp: 12858

Ion Ratio Lower Upper

83 100

85 63.2 43.3 80.5



#34

Trichloroethene

Concen: 0.197 ug/L

RT: 5.925 min Scan# 1519

Delta R.T. 0.016 min

Lab File: VV027570.D

Acq: 29 Aug 2022 18:24

Tgt Ion: 95 Resp: 2338

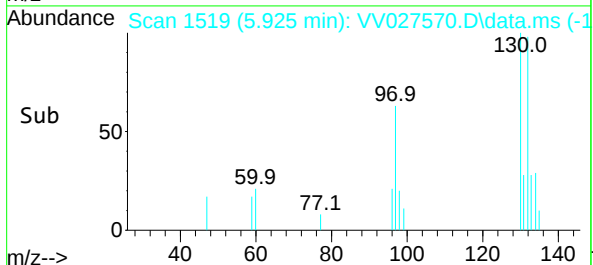
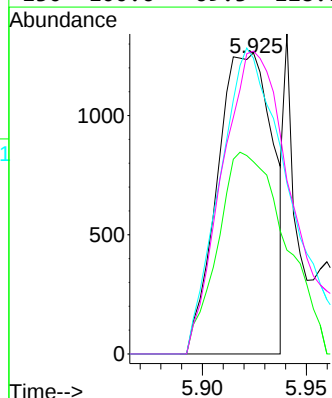
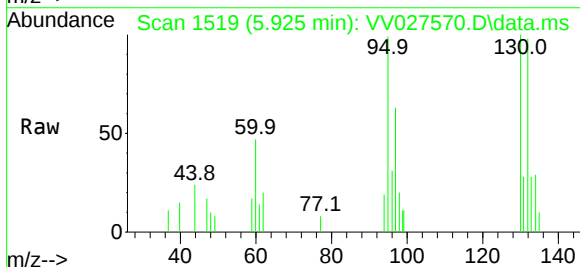
Ion Ratio Lower Upper

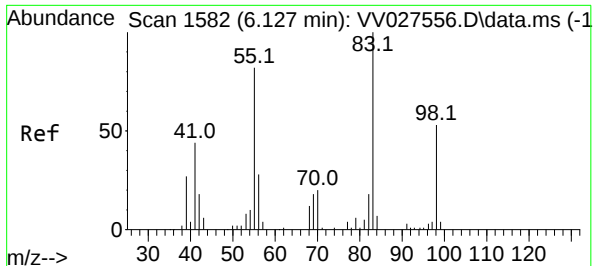
95 100

97 63.8 45.0 83.6

132 98.2 65.7 121.9

130 100.6 69.3 128.7





#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027570.D

Acq: 29 Aug 2022 18:24

Instrument :

MSVOA_V

ClientSampleId :

DBVA8

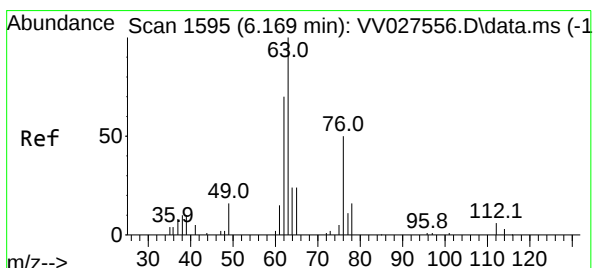
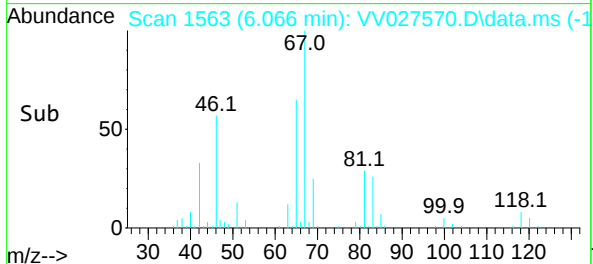
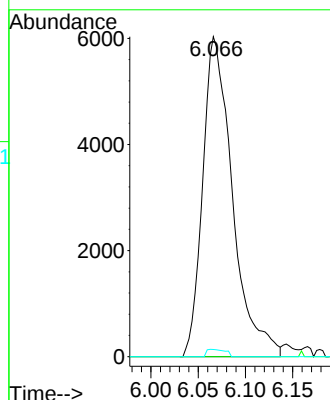
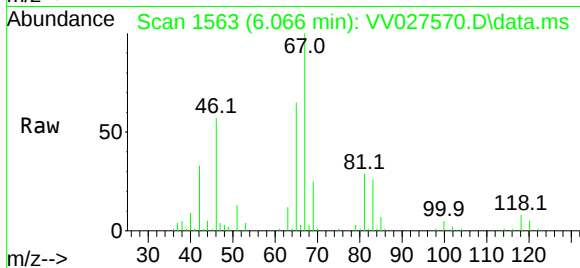
Tgt Ion: 83 Resp: 13204

Ion Ratio Lower Upper

83 100

55 0.2 68.2 102.4#

98 1.4 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV027570.D

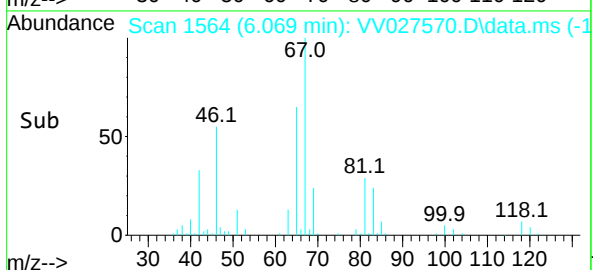
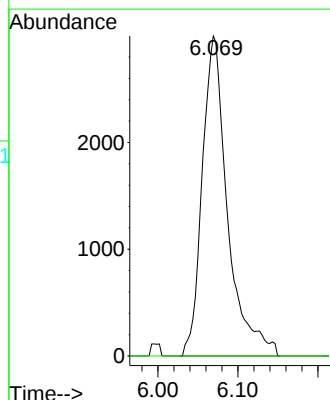
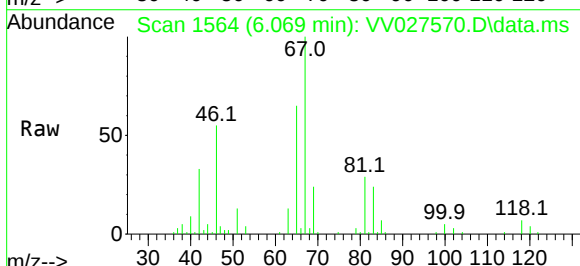
Acq: 29 Aug 2022 18:24

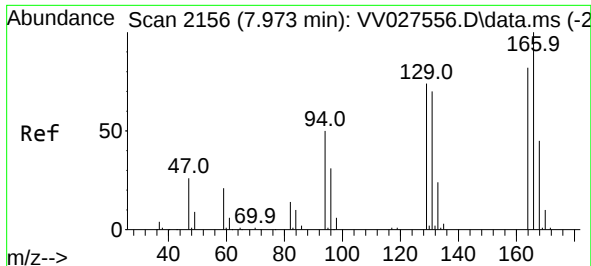
Tgt Ion: 63 Resp: 6614

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#47

Tetrachloroethene

Concen: 3.512 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027570.D

Acq: 29 Aug 2022 18:24

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Tgt Ion:164 Resp: 32488

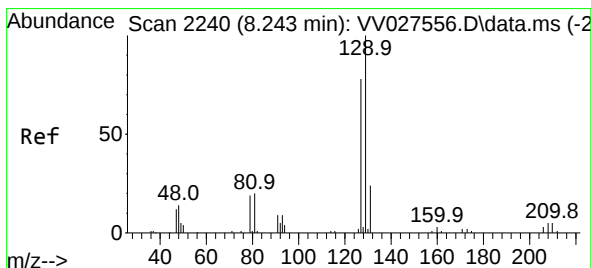
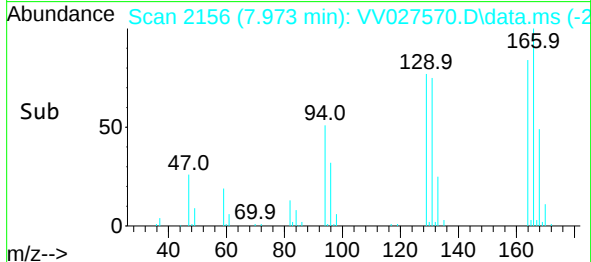
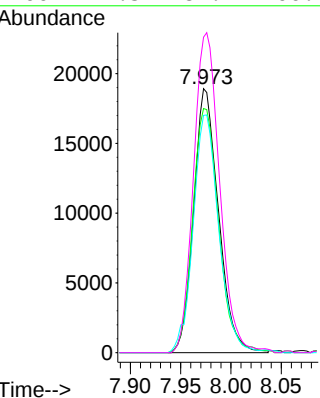
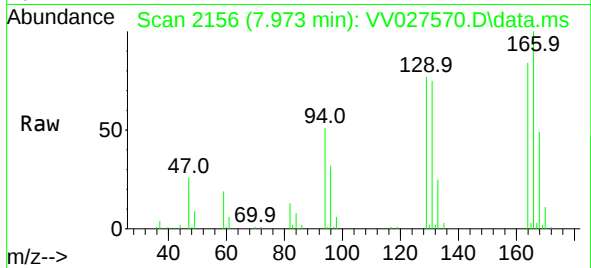
Ion Ratio Lower Upper

164 100

129 92.5 71.1 132.1

131 89.9 64.5 119.9

166 119.5 89.4 166.0



#49

Dibromochloromethane

Concen: 3.278 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027570.D

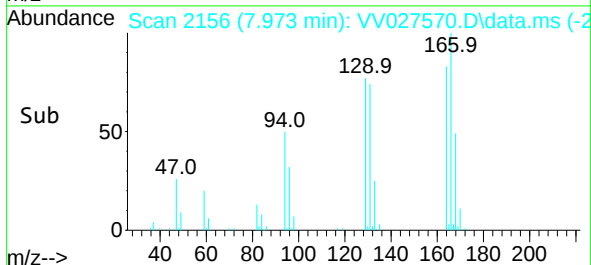
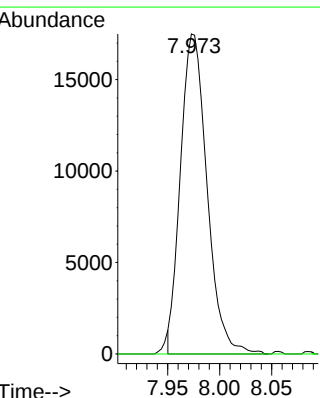
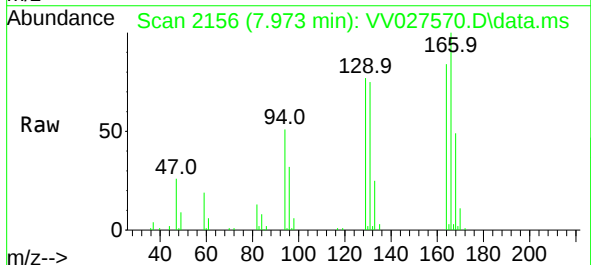
Acq: 29 Aug 2022 18:24

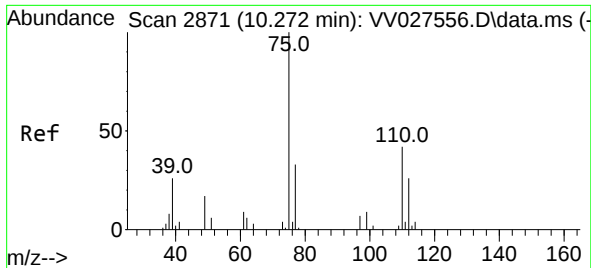
Tgt Ion:129 Resp: 31001

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.337 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV027570.D

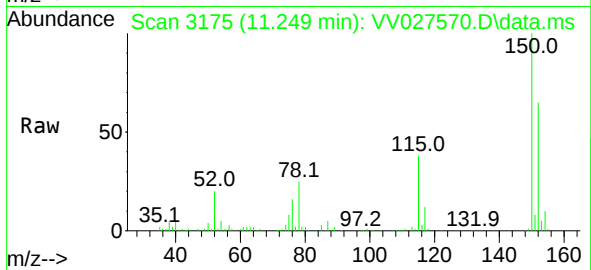
Acq: 29 Aug 2022 18:24

Instrument :

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Tgt Ion: 75	Resp:	6410
Ion	Ratio	Lower Upper
75	100	
77	30.6	26.2 39.2
110	3.0	29.9 44.9#

