

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027700.D
 Acq On : 02 Sep 2022 05:29
 Operator : SY/MD
 Sample : N4402-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 04:13:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 03:03:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	135242	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	133410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58759	3.999	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.568	69	53378	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.108	63	92073	3.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.889	46	76827	30.928	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.860%
24) Chloroform-d	4.346	84	125528	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.031	65	59212	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.047	84	234287	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.066	67	69655	4.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.313	98	190613	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.622	79	20628	3.961	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.092	63	95122	48.576	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43978	4.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	64678	4.951	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	820	0.046	ug/L	90
5) Vinyl chloride	1.310	62	2717	0.162	ug/L #	22
6) Bromomethane	1.516	94	550	0.070	ug/L #	59
12) 1,1-Dichloroethene	2.108	96	1195	0.106	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	1273	0.053	ug/L #	75
18) trans-1,2-Dichloroethene	2.764	96	568	0.044	ug/L	79
22) cis-1,2-Dichloroethene	3.908	96	136000	10.649	ug/L	86
34) Trichloroethene	5.915	95	37675	2.945	ug/L	97
35) Methylcyclohexane	6.066	83	17406	0.877	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	8355	0.636	ug/L #	89
39) cis-1,3-Dichloropropene	6.989	75	1493	0.093	ug/L #	42
44) trans-1,3-Dichloropropene	7.622	75	1073	0.082	ug/L	95
47) Tetrachloroethene	7.973	164	752703	72.577	ug/L	99
49) Dibromochloromethane	7.973	129	699715	69.680	ug/L #	12
53) m,p-Xylene	9.143	106	1170	0.058	ug/L	63
61) 1,2,3-Trichloropropane	11.246	75	6640	1.125	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.918	105	662	0.055	ug/L #	54

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QLast Update : Fri Sep 02 03:03:49 2022
Response via : Initial Calibration

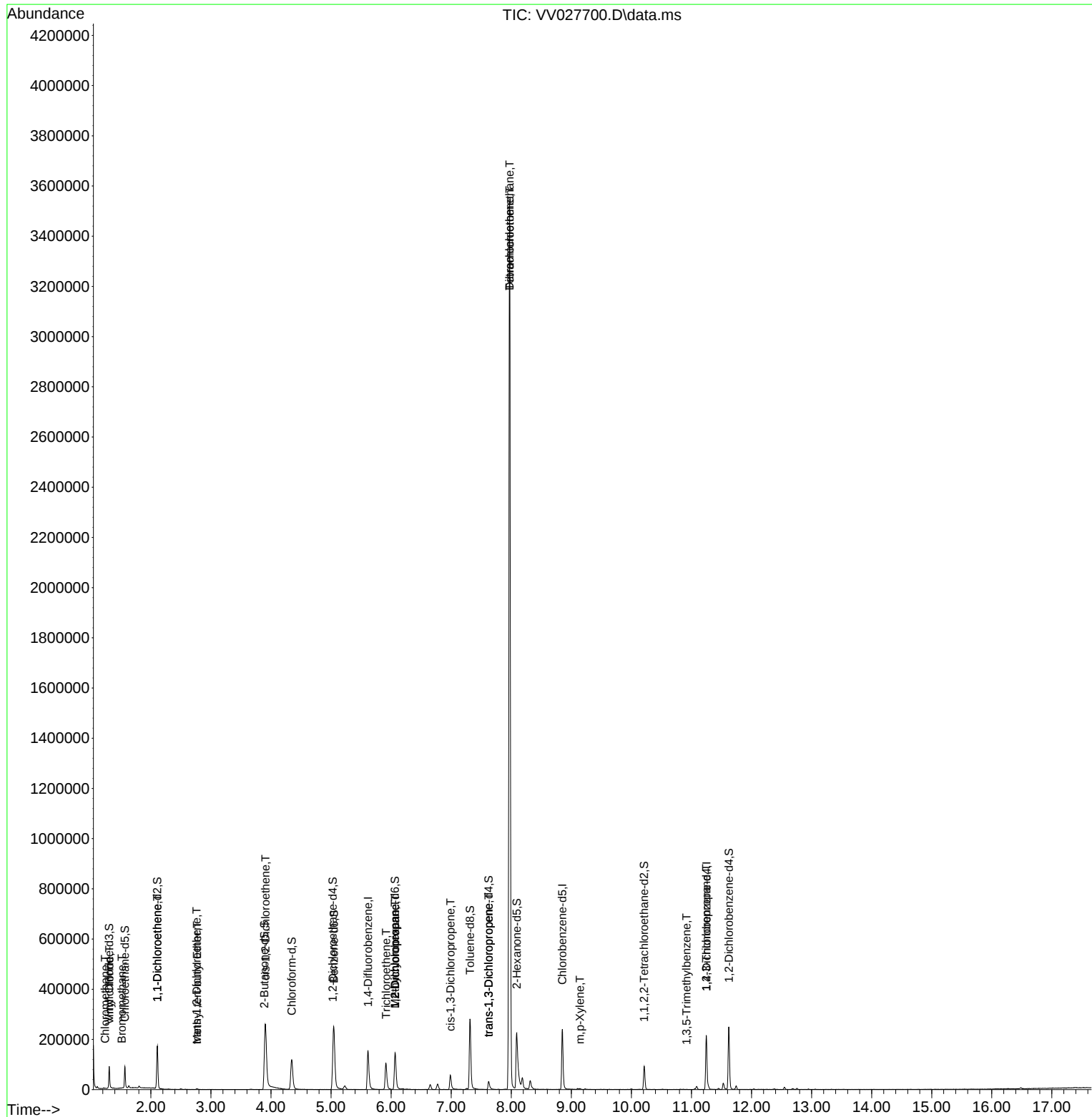
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

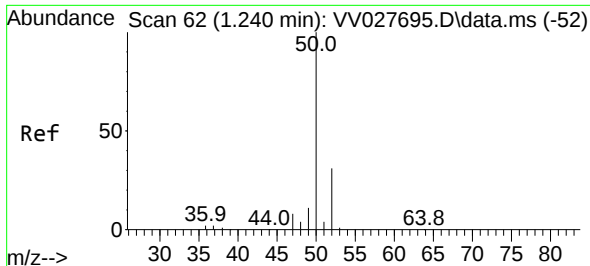
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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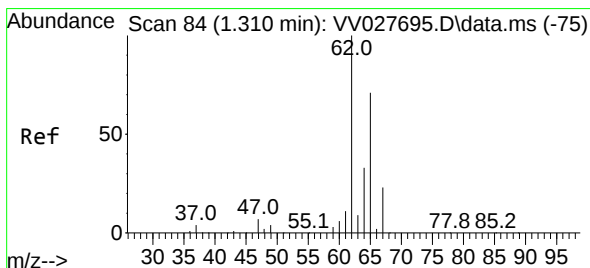
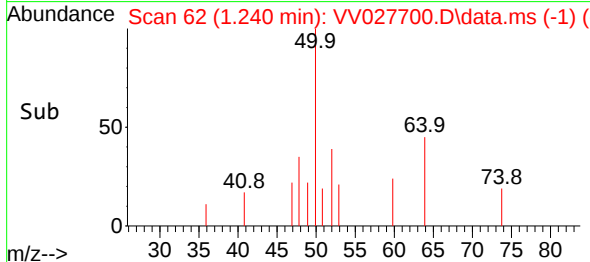
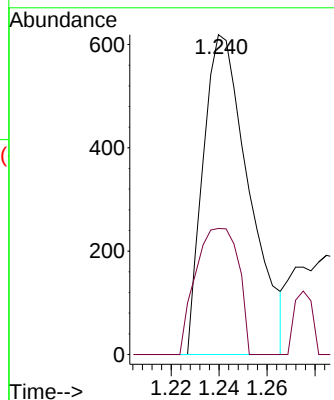
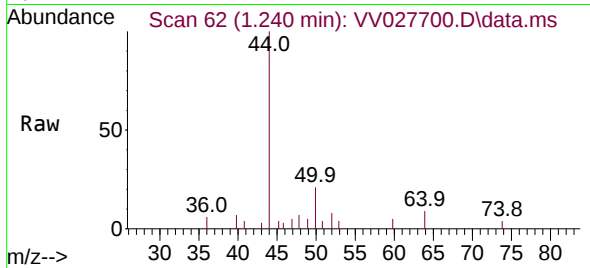




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027700.D
Acq: 02 Sep 2022 05:29

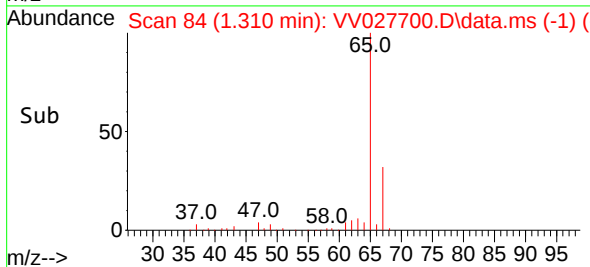
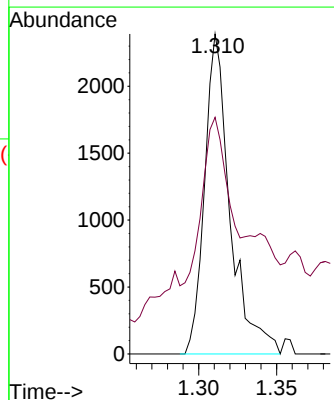
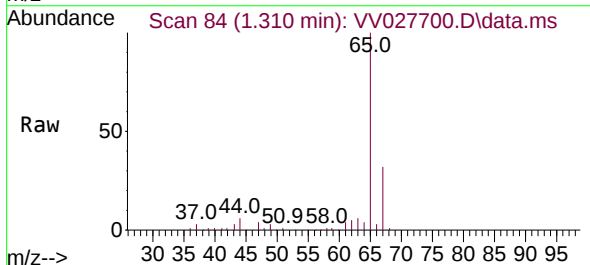
Instrument :
MSVOA_V
ClientSampleId :

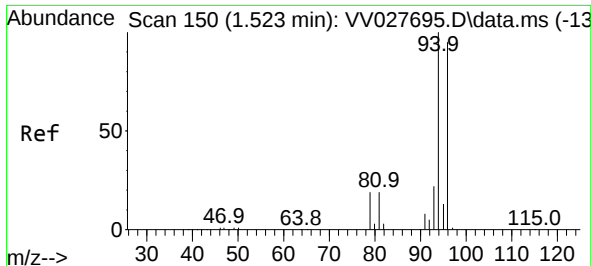
Tgt Ion: 50 Resp: 820
Ion Ratio Lower Upper
50 100
52 39.4 23.5 43.7



#5
Vinyl chloride
Concen: 0.162 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV027700.D
Acq: 02 Sep 2022 05:29

Tgt Ion: 62 Resp: 2717
Ion Ratio Lower Upper
62 100
64 73.9 21.8 40.4#

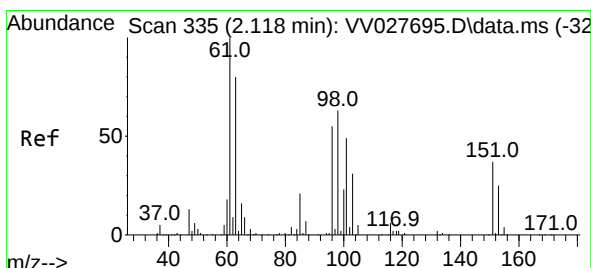
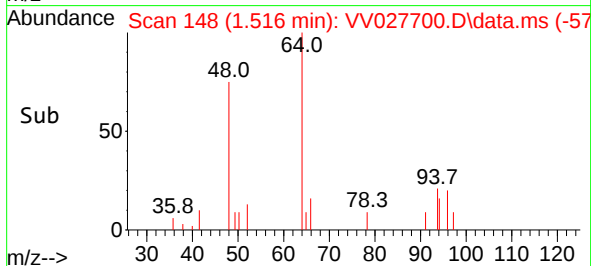
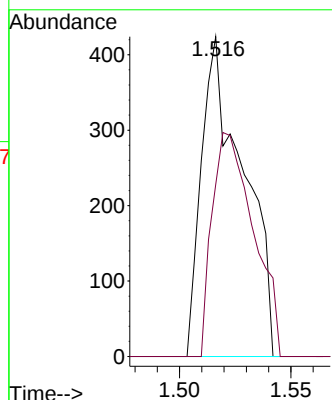
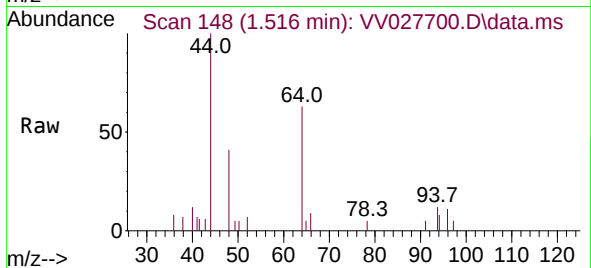




#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: VV027700.D
Acq: 02 Sep 2022 05:29

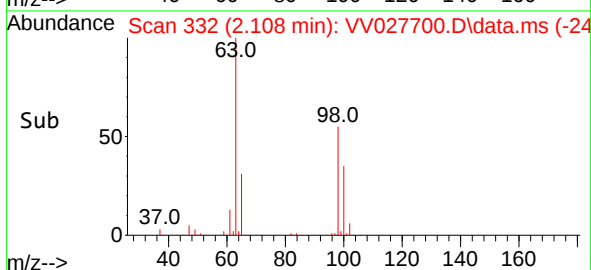
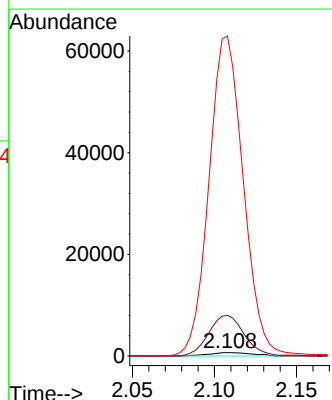
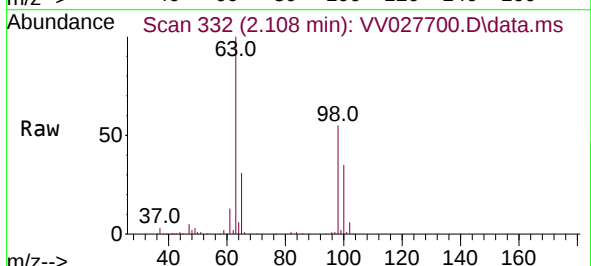
Instrument :
MSVOA_V
ClientSampleId :

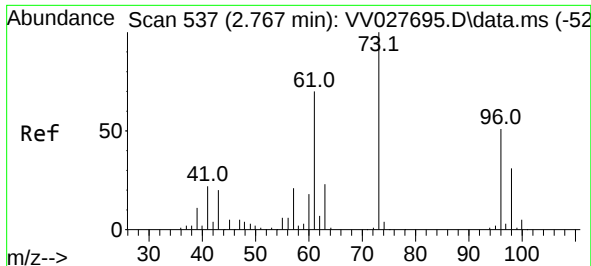
Tgt Ion: 94 Resp: 550
Ion Ratio Lower Upper
94 100
96 53.8 65.1 120.9#



#12
1,1-Dichloroethene
Concen: 0.106 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV027700.D
Acq: 02 Sep 2022 05:29

Tgt Ion: 96 Resp: 1195
Ion Ratio Lower Upper
96 100
61 1235.2 134.3 249.3#
63 9717.3 105.7 196.3#





#17

Methyl tert-butyl Ether

Concen: 0.053 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV027700.D

Acq: 02 Sep 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :

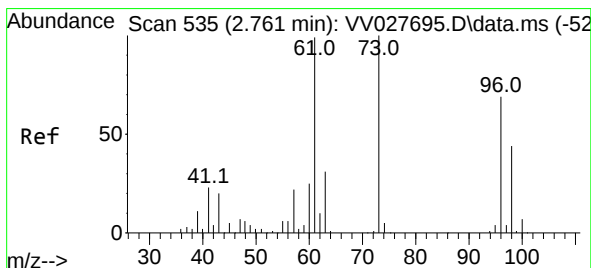
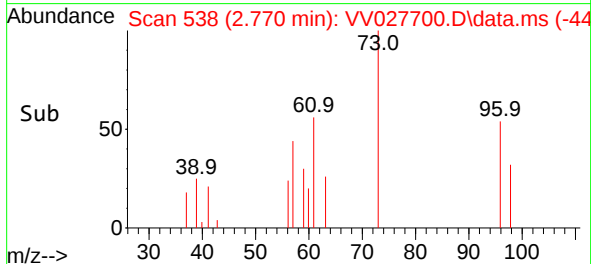
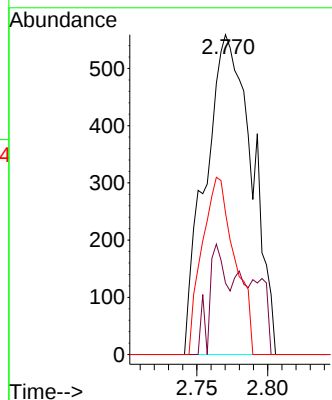
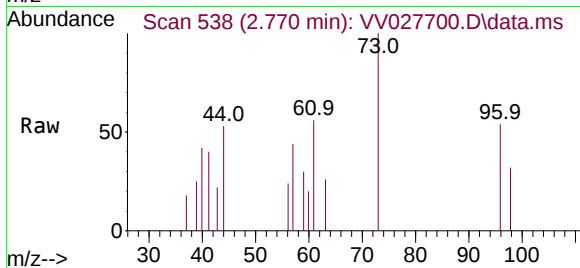
Tgt Ion: 73 Resp: 1273

Ion Ratio Lower Upper

73 100

43 13.1 16.5 24.7#

57 39.0 18.2 27.2#



#18

trans-1,2-Dichloroethene

Concen: 0.044 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV027700.D

Acq: 02 Sep 2022 05:29

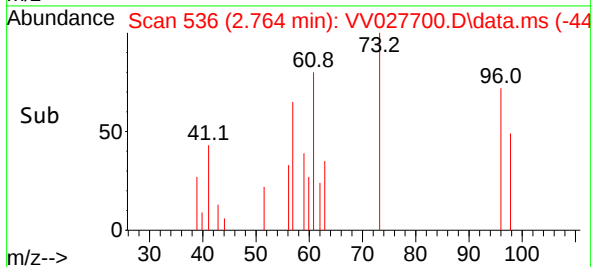
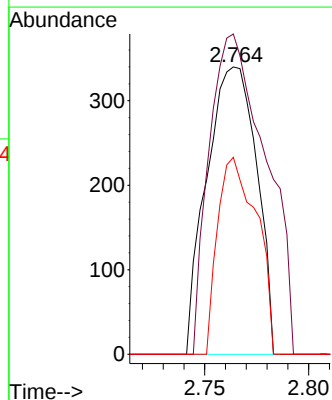
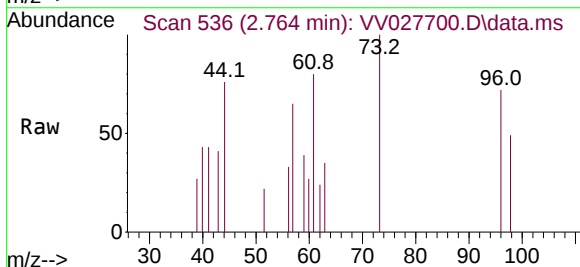
Tgt Ion: 96 Resp: 568

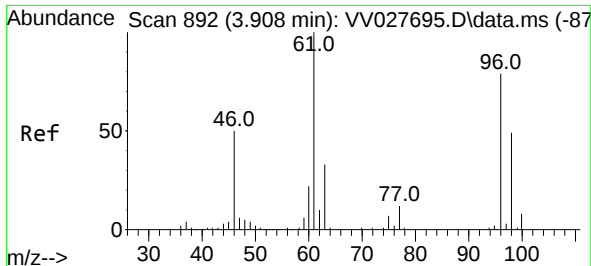
Ion Ratio Lower Upper

96 100

61 111.5 101.8 189.0

98 68.5 44.9 83.3





#22

cis-1,2-Dichloroethene

Concen: 10.649 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV027700.D

Acq: 02 Sep 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :

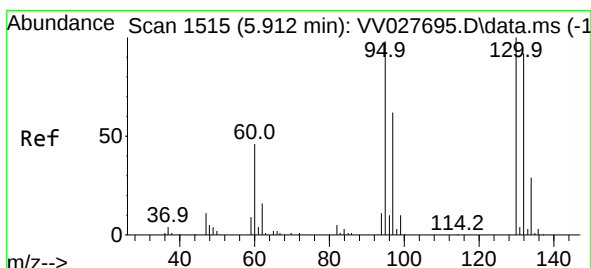
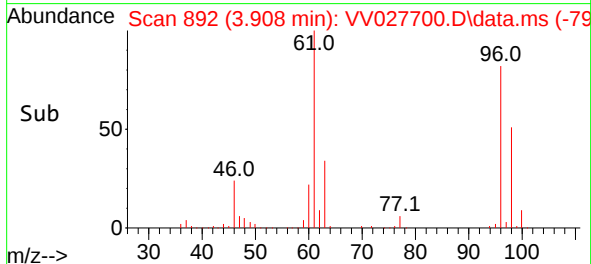
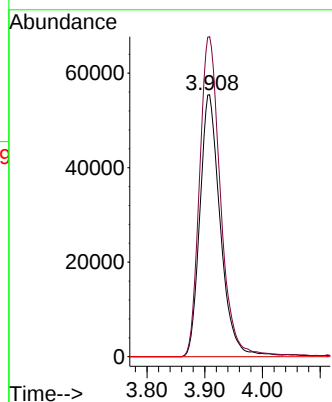
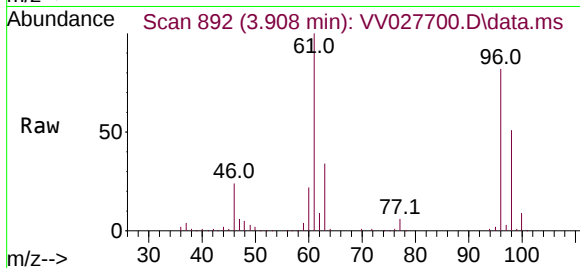
Tgt Ion: 96 Resp: 136000

Ion Ratio Lower Upper

96 100

61 122.2 96.9 180.1

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 2.945 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV027700.D

Acq: 02 Sep 2022 05:29

Tgt Ion: 95 Resp: 37675

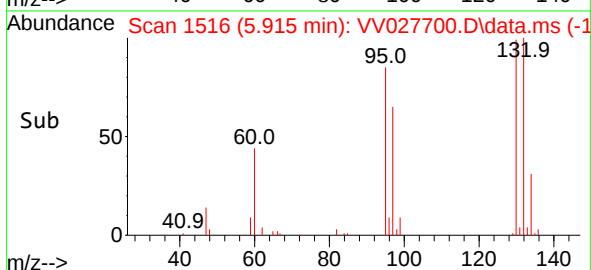
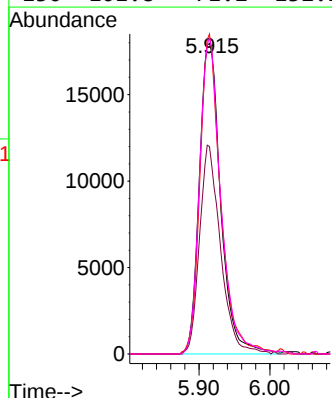
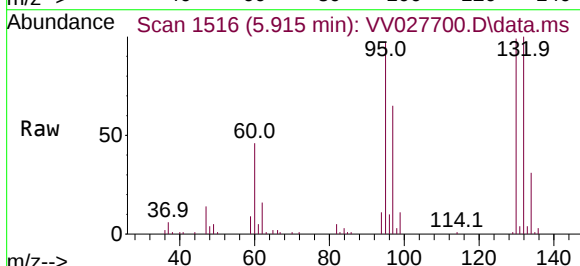
Ion Ratio Lower Upper

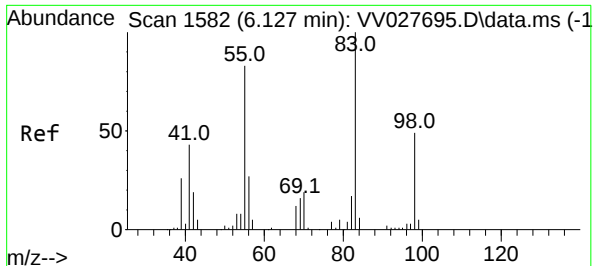
95 100

97 66.8 46.1 85.5

132 103.0 67.3 125.1

130 101.8 71.2 132.2





#35

Methylcyclohexane

Concen: 0.877 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027700.D

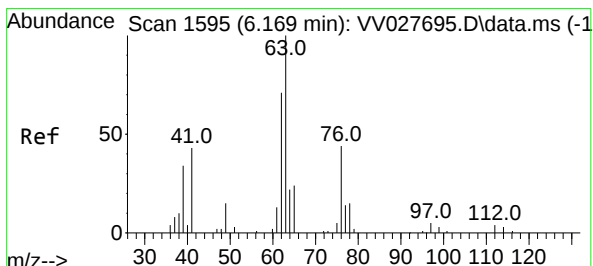
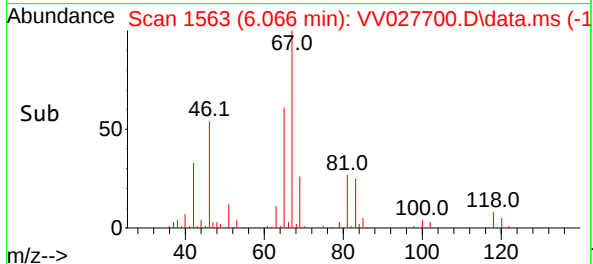
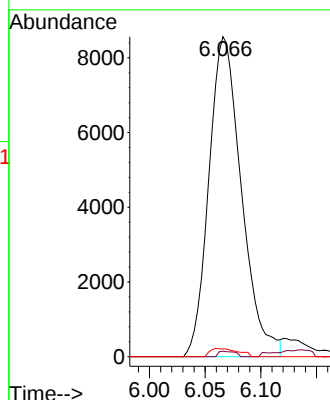
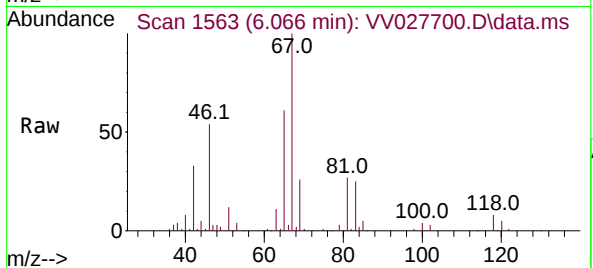
Acq: 02 Sep 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	17406
Ion	Ratio	Lower	Upper
83	100		
55	0.9	66.0	99.0#
98	2.2	36.9	55.3#



#37

1,2-Dichloropropane

Concen: 0.636 ug/L

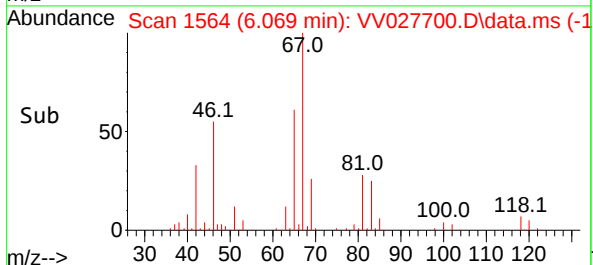
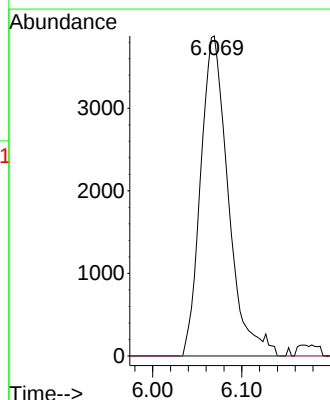
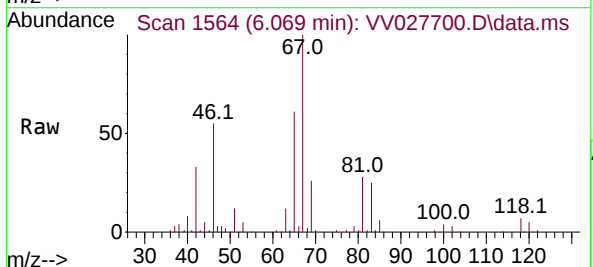
RT: 6.069 min Scan# 1564

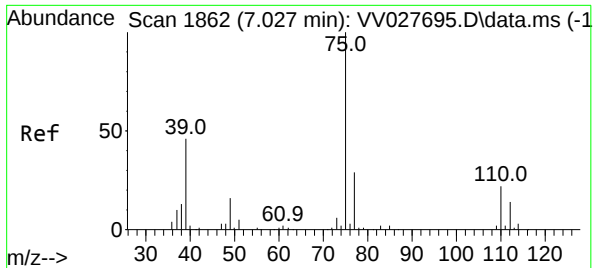
Delta R.T. -0.100 min

Lab File: VV027700.D

Acq: 02 Sep 2022 05:29

Tgt Ion:	63	Resp:	8355
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

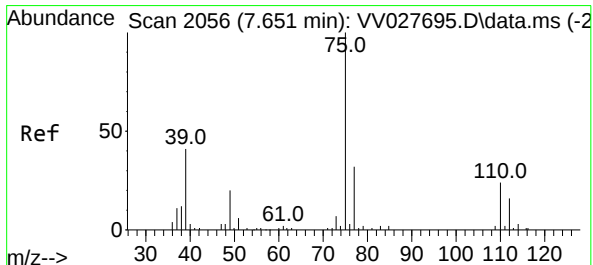
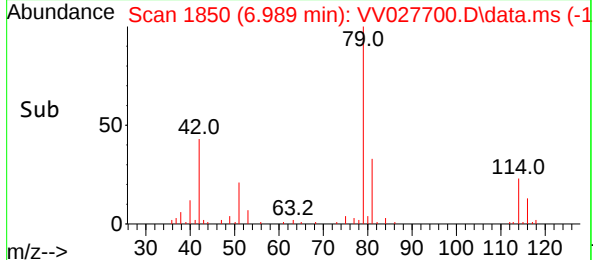
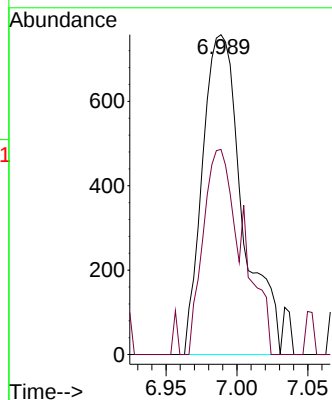
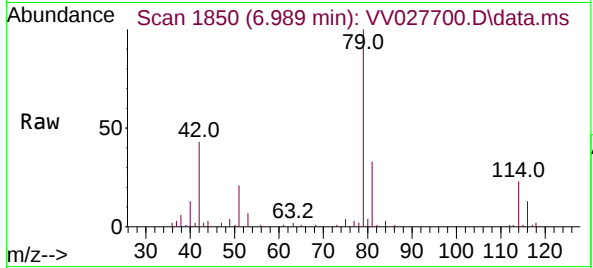




#39
cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 6.989 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV027700.D
Acq: 02 Sep 2022 05:29

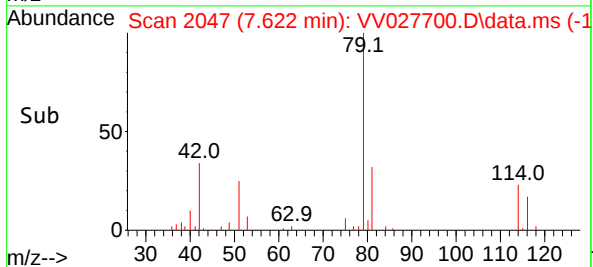
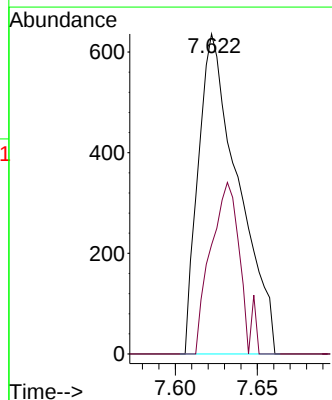
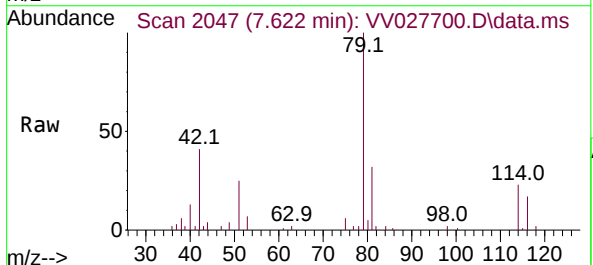
Instrument :
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ClientSampleId :

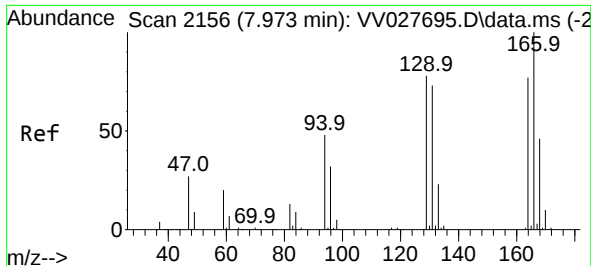
Tgt Ion: 75 Resp: 1493
Ion Ratio Lower Upper
75 100
77 64.1 22.3 41.3#



#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV027700.D
Acq: 02 Sep 2022 05:29

Tgt Ion: 75 Resp: 1073
Ion Ratio Lower Upper
75 100
77 34.1 22.0 41.0





#47

Tetrachloroethene

Concen: 72.577 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

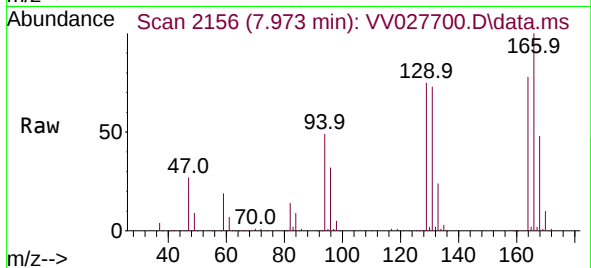
Lab File: VV027700.D

Acq: 02 Sep 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 752703

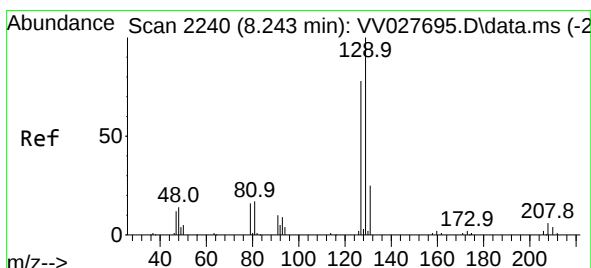
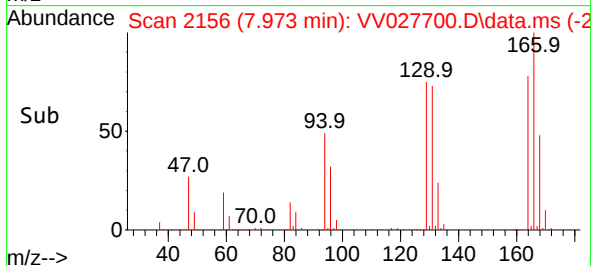
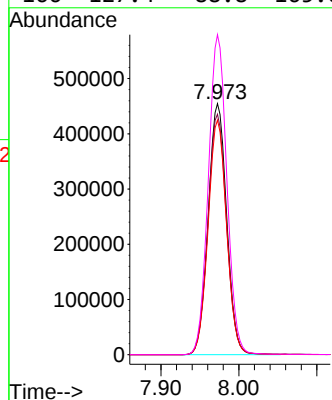
Ion Ratio Lower Upper

164 100

129 95.8 65.9 122.3

131 93.4 64.5 119.7

166 127.4 88.8 165.0



#49

Dibromochloromethane

Concen: 69.680 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027700.D

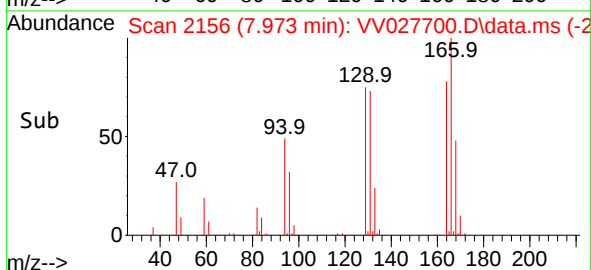
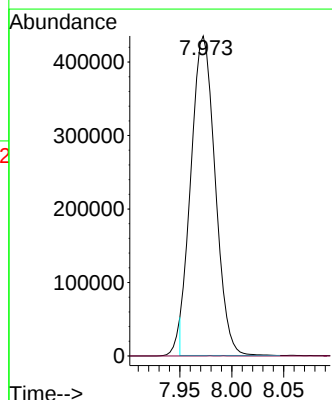
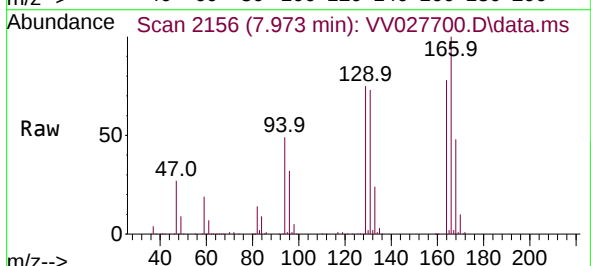
Acq: 02 Sep 2022 05:29

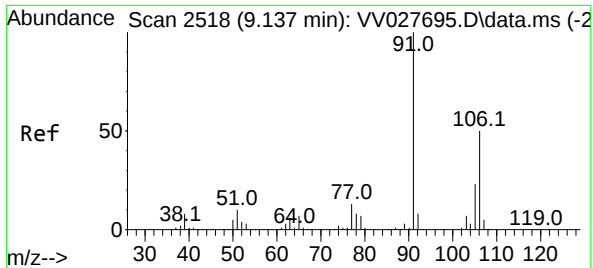
Tgt Ion:129 Resp: 699715

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#

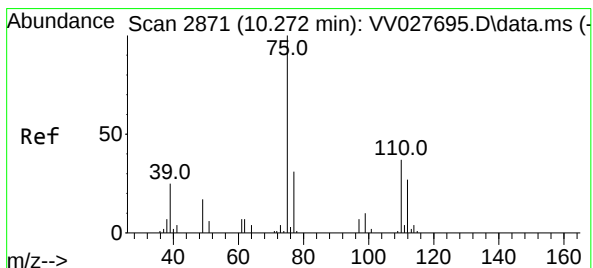
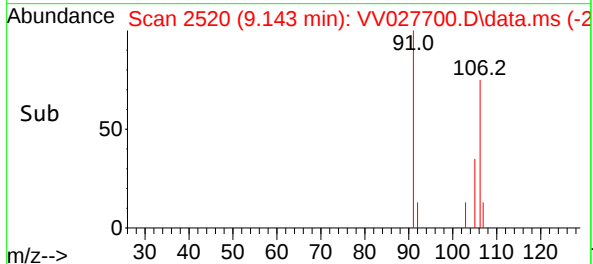
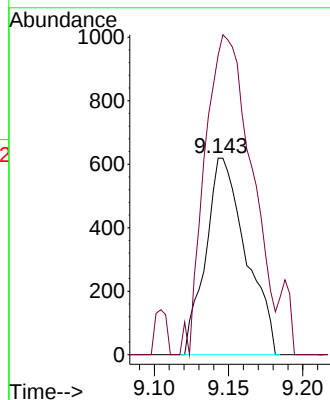
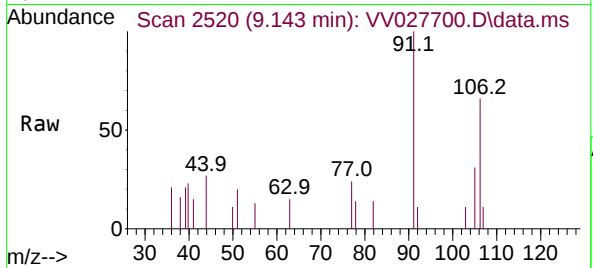




#53
m,p-Xylene
Concen: 0.058 ug/L
RT: 9.143 min Scan# 211
Delta R.T. 0.006 min
Lab File: VV027700.D
Acq: 02 Sep 2022 05:29

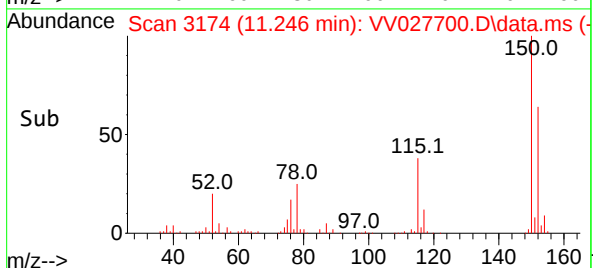
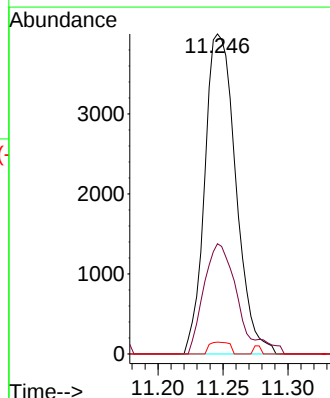
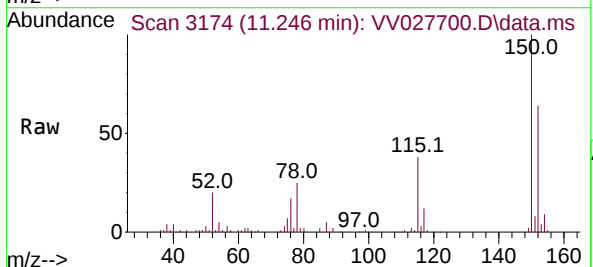
Instrument :
MSVOA_V
ClientSampleId :

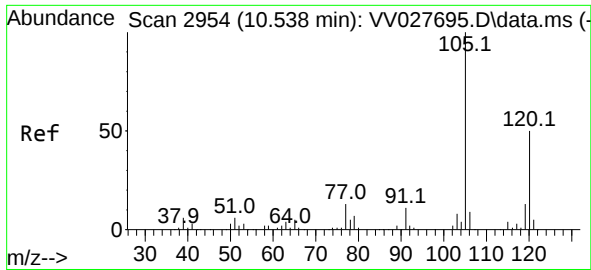
Tgt Ion:106 Resp: 1170
Ion Ratio Lower Upper
106 100
91 152.3 147.3 273.5



#61
1,2,3-Trichloropropane
Concen: 1.125 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027700.D
Acq: 02 Sep 2022 05:29

Tgt Ion: 75 Resp: 6640
Ion Ratio Lower Upper
75 100
77 37.6 25.8 38.6
110 2.4 29.8 44.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.055 ug/L

RT: 10.918 min Scan# 30

Delta R.T. 0.379 min

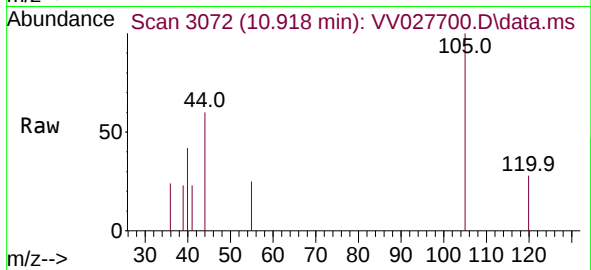
Lab File: VV027700.D

Acq: 02 Sep 2022 05:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	105	Resp:	662
Ion Ratio	Lower	Upper	
105	100		
120	18.7	40.4	60.6#

