

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081622\
 Data File : VV027404.D
 Acq On : 16 Aug 2022 11:06
 Operator : SY/MD
 Sample : N4133-06RE
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E47RE

Quant Time: Aug 16 18:34:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

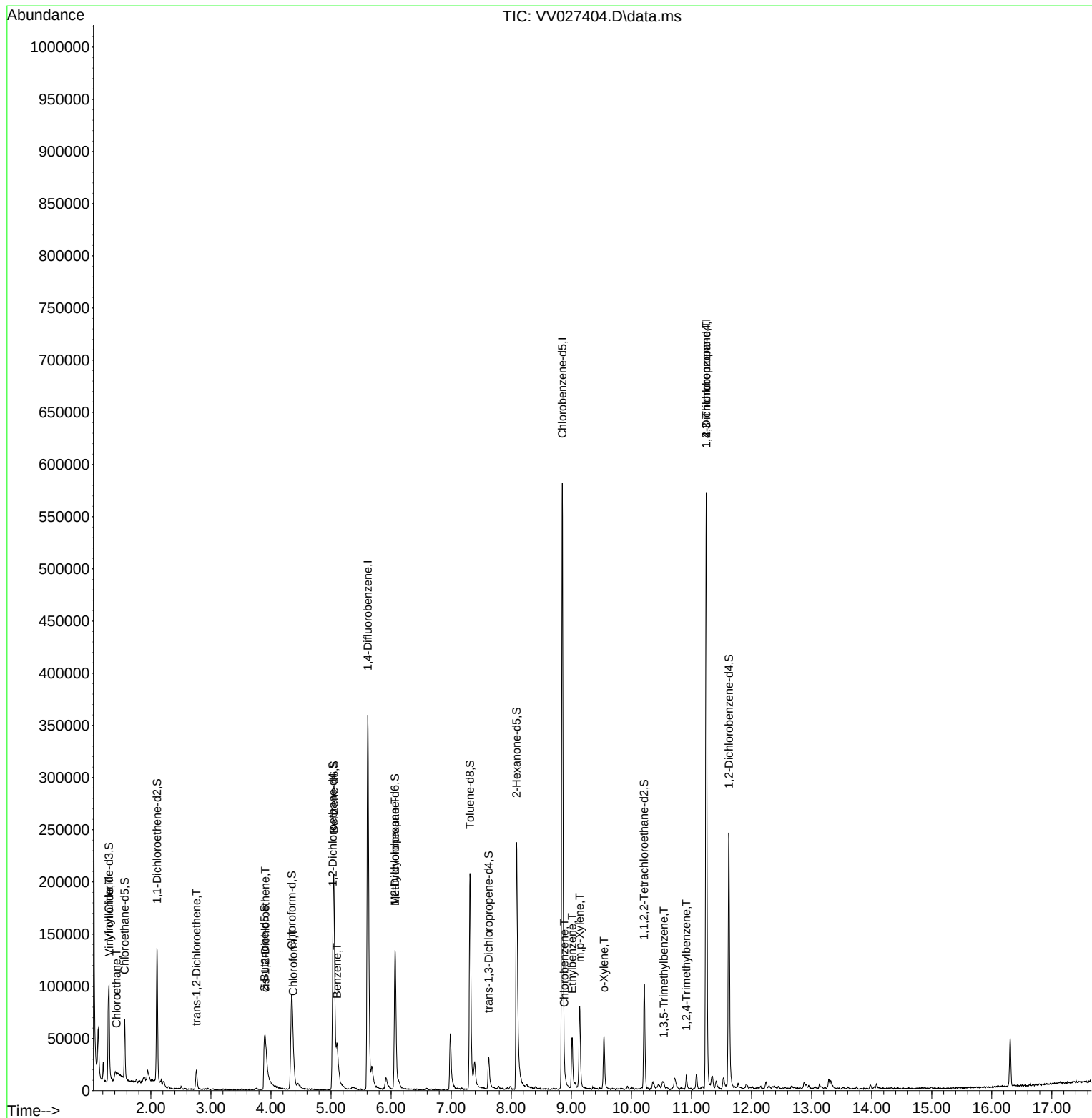
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	294537	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	314673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	145876	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42406	1.657	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	33.200%#
7) Chloroethane-d5	1.564	69	35998	1.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	38.800%#
11) 1,1-Dichloroethene-d2	2.101	63	68367	1.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	29.400%#
20) 2-Butanone-d5	3.892	46	105498	24.343	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	48.680%
24) Chloroform-d	4.346	84	86788	1.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	37.000%#
26) 1,2-Dichloroethane-d4	5.030	65	52158	2.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	46.600%#
32) Benzene-d6	5.047	84	178890	1.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	38.600%#
36) 1,2-Dichloropropane-d6	6.066	67	66135	2.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	46.000%#
41) Toluene-d8	7.313	98	145137	1.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	34.200%#
43) trans-1,3-Dichloroprop...	7.622	79	19900	2.002	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	40.000%#
46) 2-Hexanone-d5	8.088	63	82271	21.383	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	42.760%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47989	2.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	46.200%#
66) 1,2-Dichlorobenzene-d4	11.622	152	61963	2.461	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	49.200%#
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	14928	0.457	ug/L	86
8) Chloroethane	1.429	64	15450	0.851	ug/L #	54
18) trans-1,2-Dichloroethene	2.757	96	6338	0.243	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	3571	0.139	ug/L	93
25) Chloroform	4.371	83	21234	0.414	ug/L	95
33) Benzene	5.098	78	38980	0.362	ug/L	100
35) Methylcyclohexane	6.066	83	16245	0.441	ug/L #	16
51) Chlorobenzene	8.882	112	2673	0.038	ug/L #	78
52) Ethylbenzene	9.011	91	33687	0.312	ug/L	96
53) m,p-Xylene	9.140	106	21344	0.519	ug/L	91
54) o-Xylene	9.545	106	11763	0.292	ug/L	97
61) 1,2,3-Trichloropropane	11.246	75	17615	1.254	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.538	105	2144	0.084	ug/L	94
63) 1,2,4-Trimethylbenzene	10.914	105	6016	0.083	ug/L	95

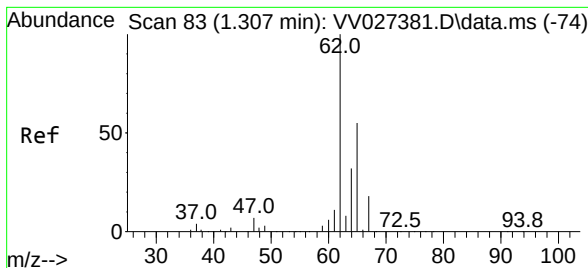
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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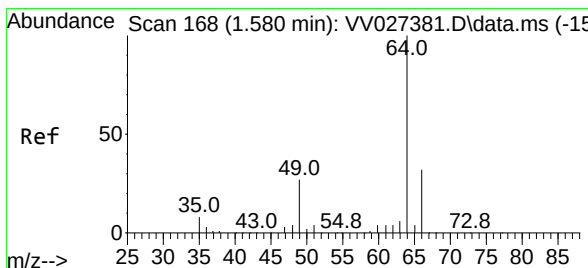
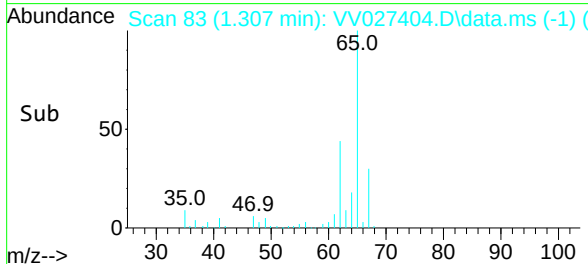
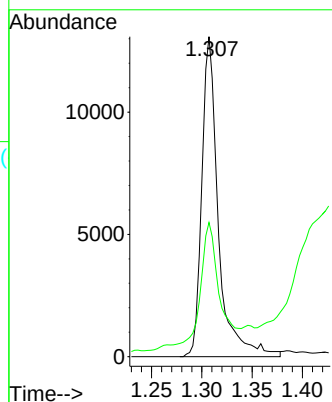
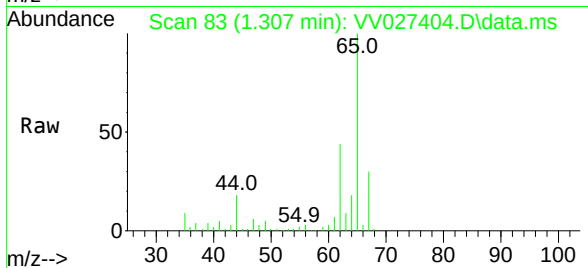




#5
 Vinyl chloride
 Concen: 0.457 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027404.D
 Acq: 16 Aug 2022 11:06

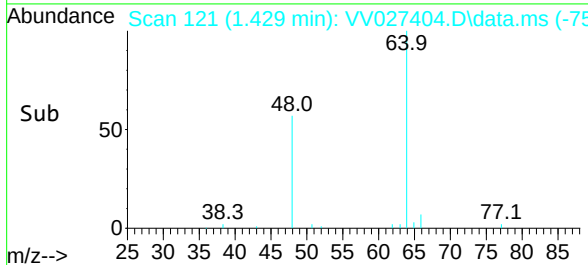
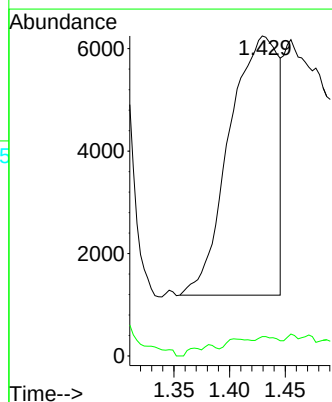
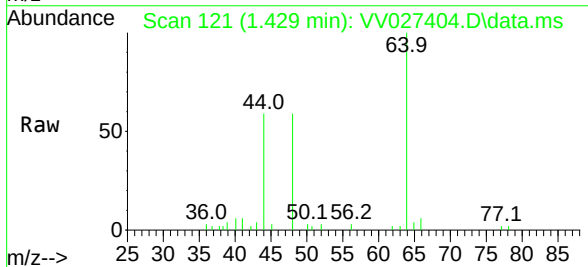
Instrument :
 MSVOA_V
 ClientSampleId :
 F5E47RE

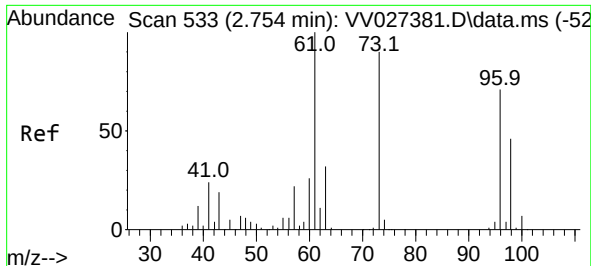
Tgt Ion: 62 Resp: 14928
 Ion Ratio Lower Upper
 62 100
 64 42.0 23.7 44.1



#8
 Chloroethane
 Concen: 0.851 ug/L
 RT: 1.429 min Scan# 121
 Delta R.T. -0.151 min
 Lab File: VV027404.D
 Acq: 16 Aug 2022 11:06

Tgt Ion: 64 Resp: 15450
 Ion Ratio Lower Upper
 64 100
 66 6.1 22.3 41.5#

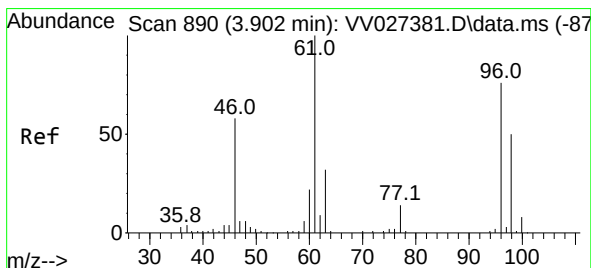
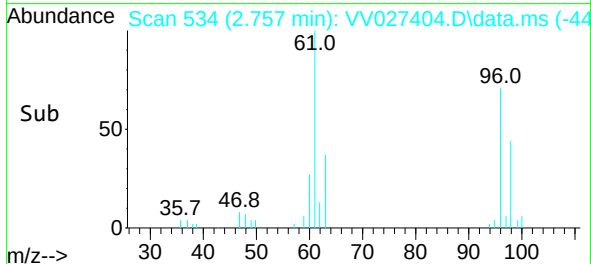
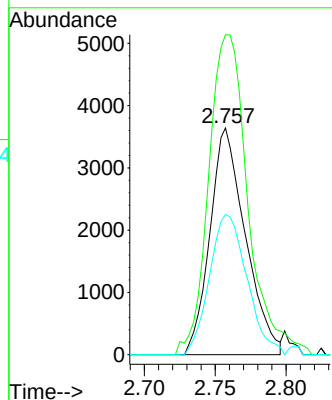
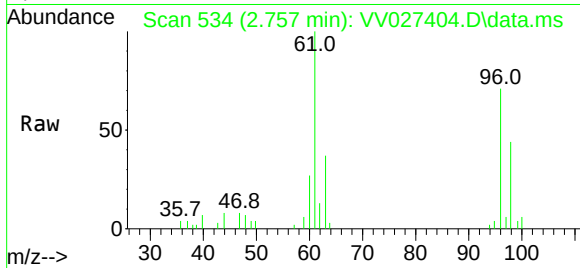




#18
trans-1,2-Dichloroethene
Concen: 0.243 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027404.D
Acq: 16 Aug 2022 11:06

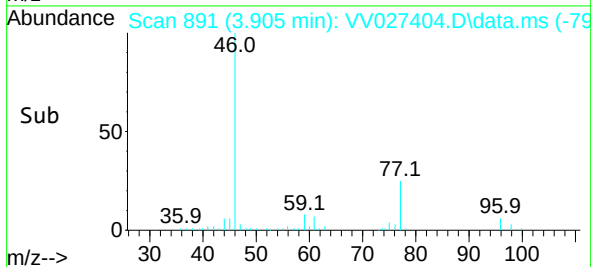
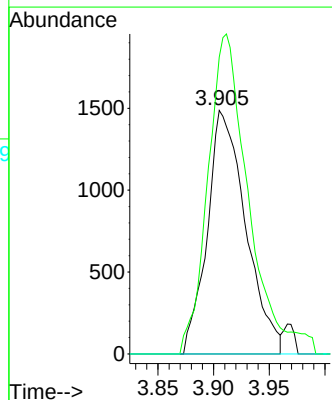
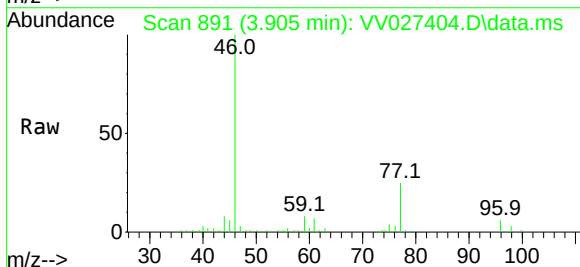
Instrument :
MSVOA_V
ClientSampleId :
F5E47RE

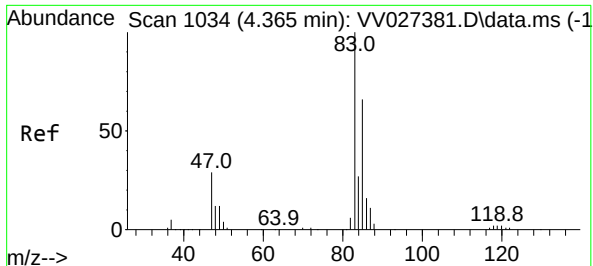
Tgt Ion: 96 Resp: 6338
Ion Ratio Lower Upper
96 100
61 141.1 99.6 185.0
98 61.9 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 0.139 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV027404.D
Acq: 16 Aug 2022 11:06

Tgt Ion: 96 Resp: 3571
Ion Ratio Lower Upper
96 100
61 121.9 91.3 169.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.414 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV027404.D

Acq: 16 Aug 2022 11:06

Instrument :

MSVOA_V

ClientSampleId :

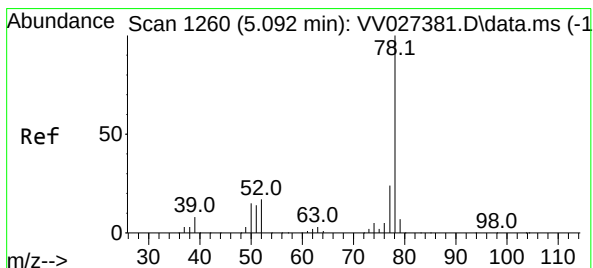
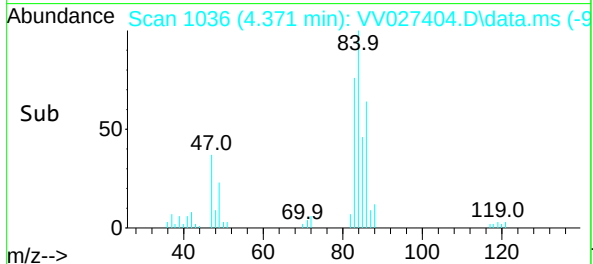
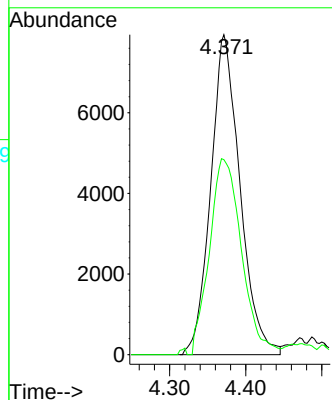
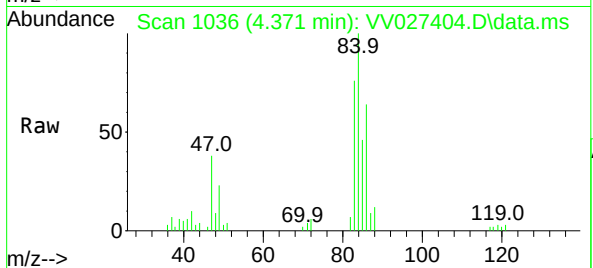
F5E47RE

Tgt Ion: 83 Resp: 21234

Ion Ratio Lower Upper

83 100

85 61.0 45.2 84.0



#33

Benzene

Concen: 0.362 ug/L

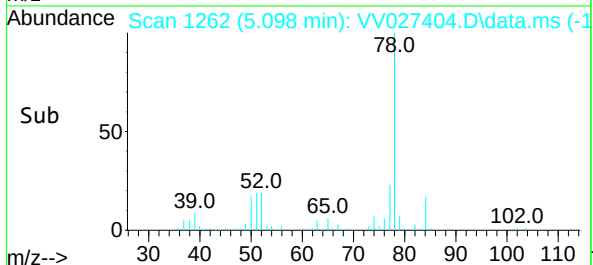
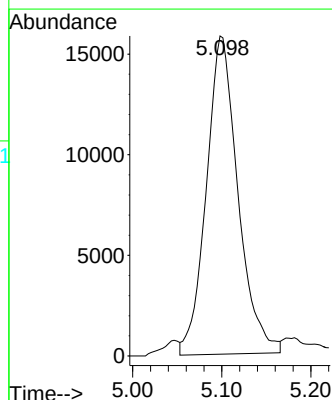
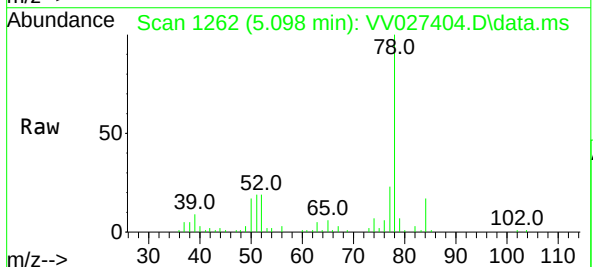
RT: 5.098 min Scan# 1262

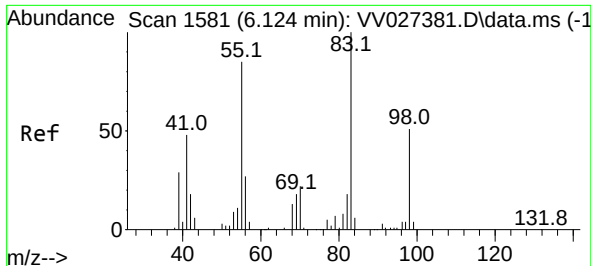
Delta R.T. 0.006 min

Lab File: VV027404.D

Acq: 16 Aug 2022 11:06

Tgt Ion: 78 Resp: 38980





#35

Methylcyclohexane

Concen: 0.441 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV027404.D

Acq: 16 Aug 2022 11:06

Instrument :

MSVOA_V

ClientSampleId :

F5E47RE

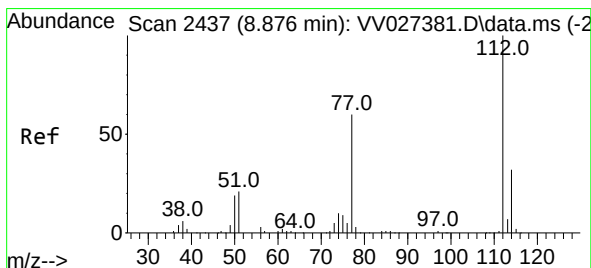
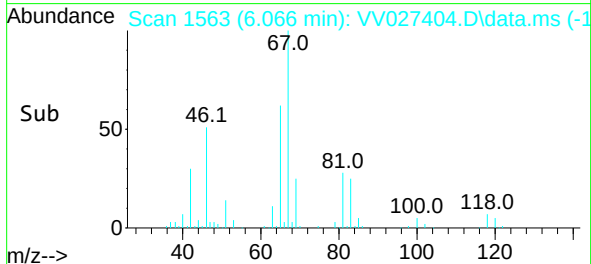
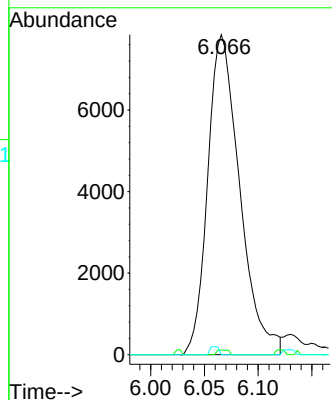
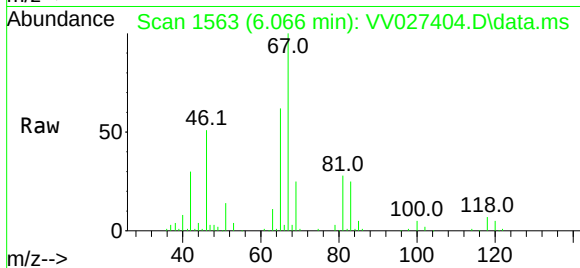
Tgt Ion: 83 Resp: 16245

Ion Ratio Lower Upper

83 100

55 0.5 67.0 100.6#

98 0.7 38.7 58.1#



#51

Chlorobenzene

Concen: 0.038 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.006 min

Lab File: VV027404.D

Acq: 16 Aug 2022 11:06

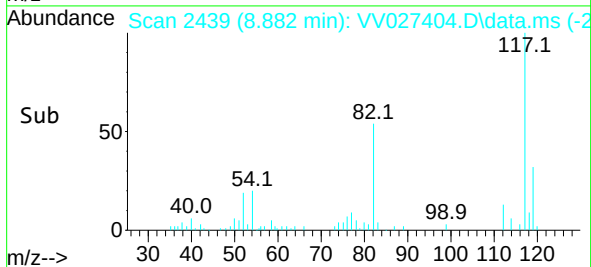
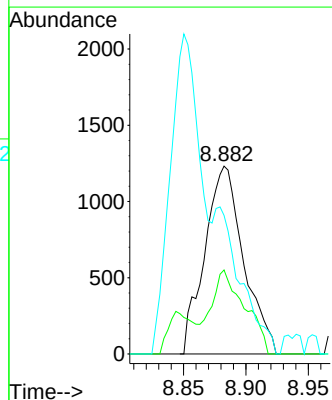
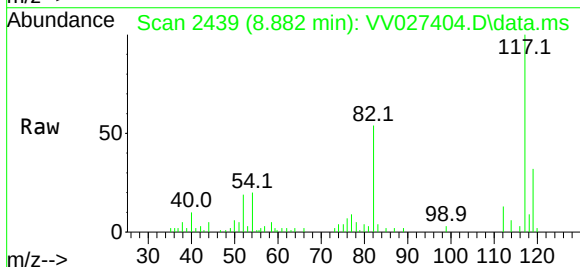
Tgt Ion: 112 Resp: 2673

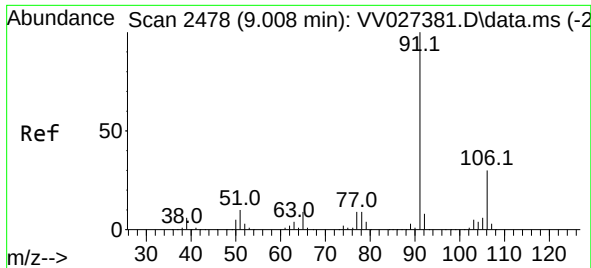
Ion Ratio Lower Upper

112 100

114 44.7 22.5 41.9#

77 73.8 46.4 69.6#





#52

Ethylbenzene

Concen: 0.312 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027404.D

Acq: 16 Aug 2022 11:06

Instrument :

MSVOA_V

ClientSampleId :

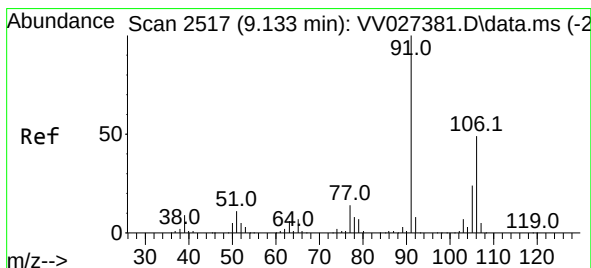
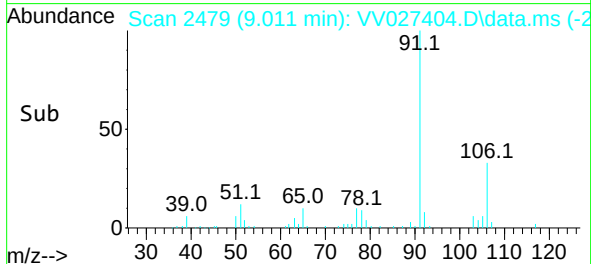
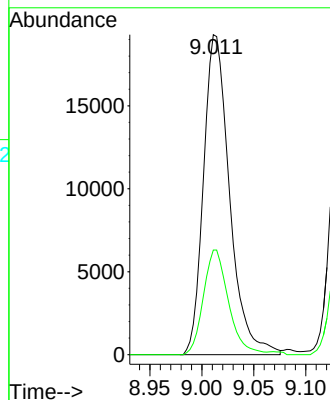
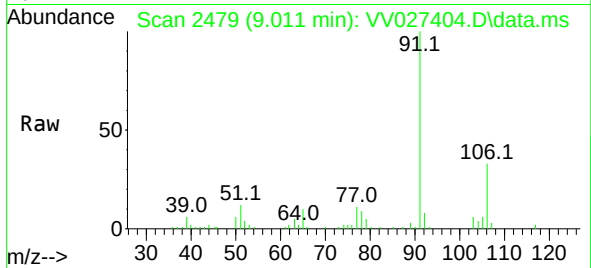
F5E47RE

Tgt Ion: 91 Resp: 33687

Ion Ratio Lower Upper

91 100

106 32.7 21.5 39.9



#53

m,p-Xylene

Concen: 0.519 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.006 min

Lab File: VV027404.D

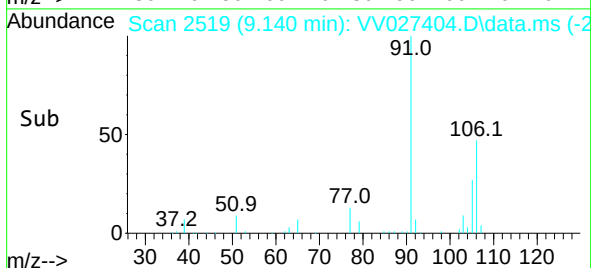
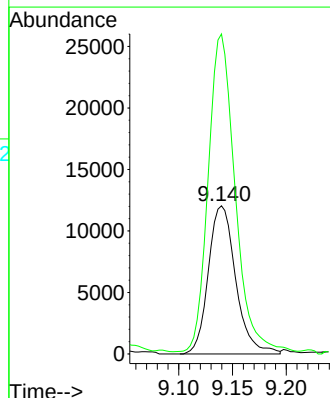
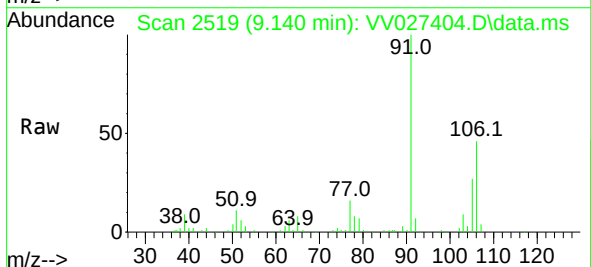
Acq: 16 Aug 2022 11:06

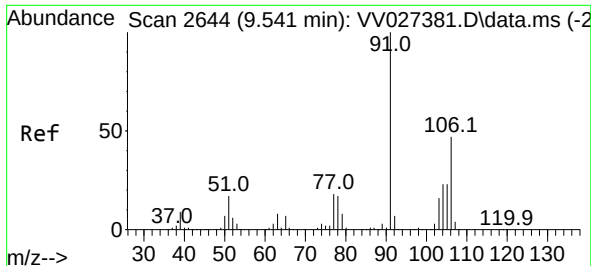
Tgt Ion: 106 Resp: 21344

Ion Ratio Lower Upper

106 100

91 215.9 141.5 262.9

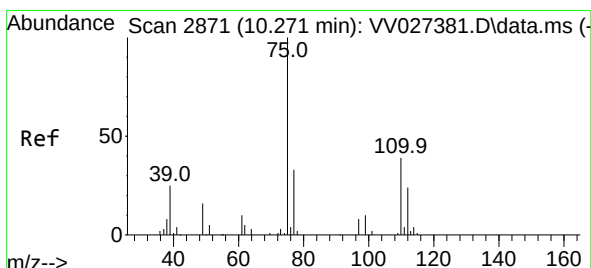
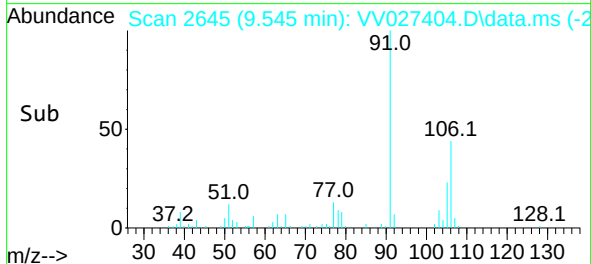
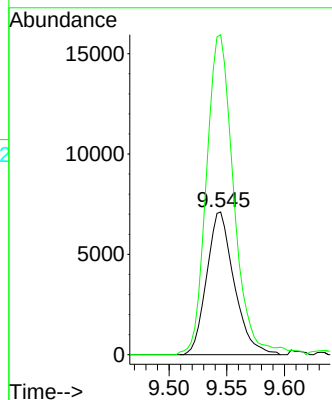
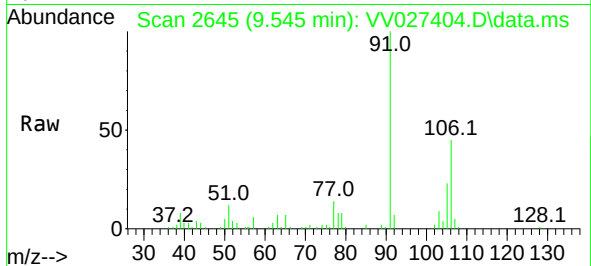




#54
o-Xylene
Concen: 0.292 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027404.D
Acq: 16 Aug 2022 11:06

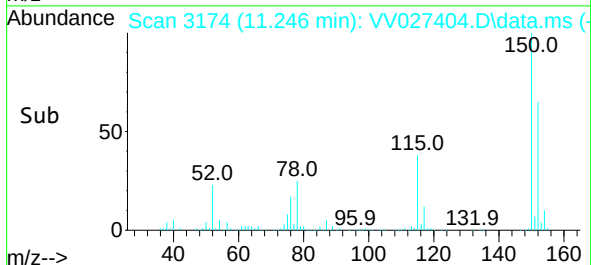
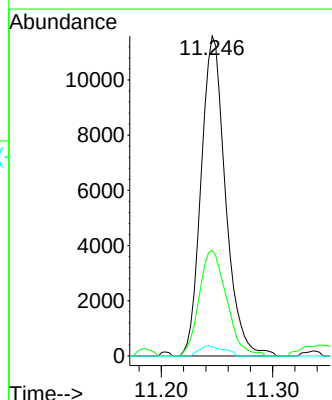
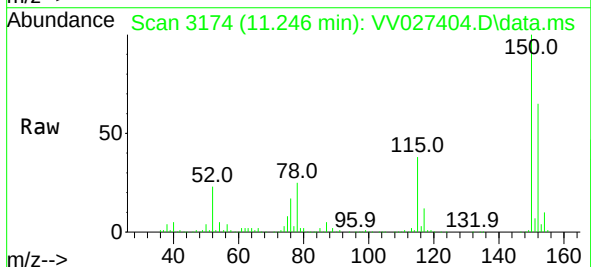
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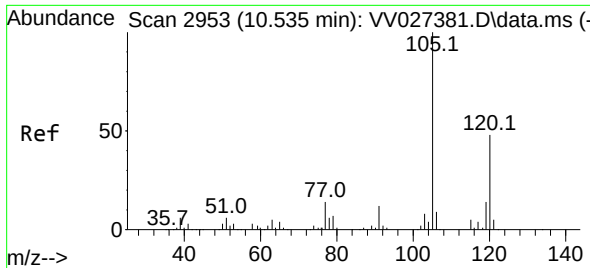
Tgt Ion:106 Resp: 11763
Ion Ratio Lower Upper
106 100
91 224.2 153.2 284.4



#61
1,2,3-Trichloropropane
Concen: 1.254 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027404.D
Acq: 16 Aug 2022 11:06

Tgt Ion: 75 Resp: 17615
Ion Ratio Lower Upper
75 100
77 37.1 26.6 39.8
110 3.2 31.0 46.6#

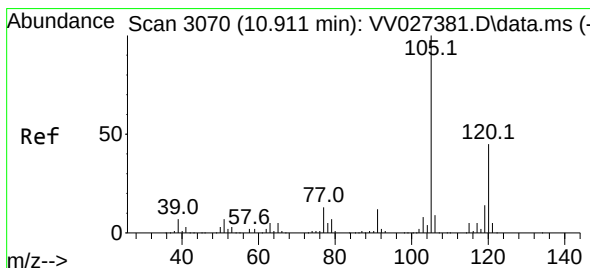
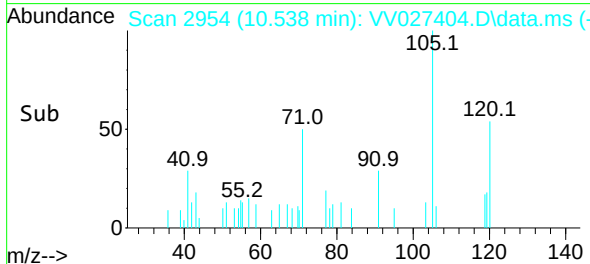
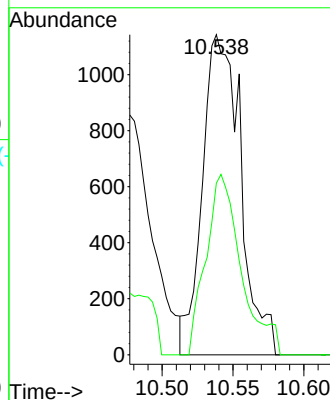
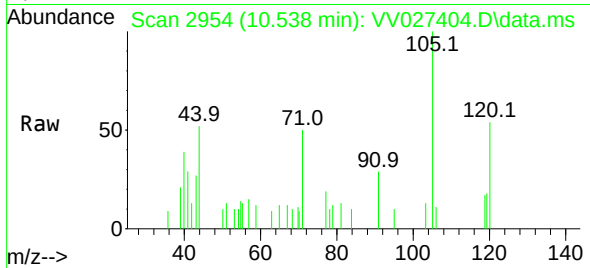




#62
 1,3,5-Trimethylbenzene
 Concen: 0.084 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV027404.D
 Acq: 16 Aug 2022 11:06

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E47RE

Tgt Ion:105 Resp: 2144
 Ion Ratio Lower Upper
 105 100
 120 52.1 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.083 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027404.D
 Acq: 16 Aug 2022 11:06

Tgt Ion:105 Resp: 6016
 Ion Ratio Lower Upper
 105 100
 120 41.8 36.2 54.2

