

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027449.D
 Acq On : 19 Aug 2022 18:47
 Operator : SY/MD
 Sample : N4268-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB7

Quant Time: Aug 20 06:07:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125720	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	124307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63222	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44720	4.998	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.564	69	41433	6.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.600%
11) 1,1-Dichloroethene-d2	2.105	63	77360	3.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	3.899	46	65764	59.060	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.120%
24) Chloroform-d	4.342	84	86626	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.030	65	39947	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.047	84	167200	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.069	67	52308	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.313	98	134524	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.625	79	14894	4.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.088	63	51497	45.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32809	5.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	50517	5.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	799	0.069	ug/L #	57
5) Vinyl chloride	1.307	62	714	0.061	ug/L #	1
6) Bromomethane	1.519	94	866	0.149	ug/L	78
12) 1,1-Dichloroethene	2.105	96	861	0.091	ug/L #	1
13) Acetone	2.182	43	270823	254.675	ug/L	98
14) Carbon disulfide	2.288	76	1995	0.076	ug/L #	79
15) Methyl Acetate	2.182	43	261981	88.959	ug/L #	56
22) cis-1,2-Dichloroethene	3.915	96	307	0.029	ug/L	85
33) Benzene	5.101	78	45970	1.112	ug/L	100
35) Methylcyclohexane	6.069	83	13974	0.913	ug/L #	16
39) cis-1,3-Dichloropropene	6.985	75	1361	0.102	ug/L	84
42) Toluene	7.394	91	13092	0.307	ug/L	97
52) Ethylbenzene	9.014	91	11426	0.262	ug/L	99
53) m,p-Xylene	9.143	106	10203	0.612	ug/L	97
54) o-Xylene	9.545	106	4065	0.251	ug/L	94
60) Isopropylbenzene	9.931	105	99490	2.392	ug/L	99
61) 1,2,3-Trichloropropane	9.927	75	1367	0.246	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.538	105	3577	0.310	ug/L	89
63) 1,2,4-Trimethylbenzene	10.921	105	3584	0.110	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
Data File : VV027449.D
Acq On : 19 Aug 2022 18:47
Operator : SY/MD
Sample : N4268-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB7

Quant Time: Aug 20 06:07:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 20 05:55:43 2022
Response via : Initial Calibration

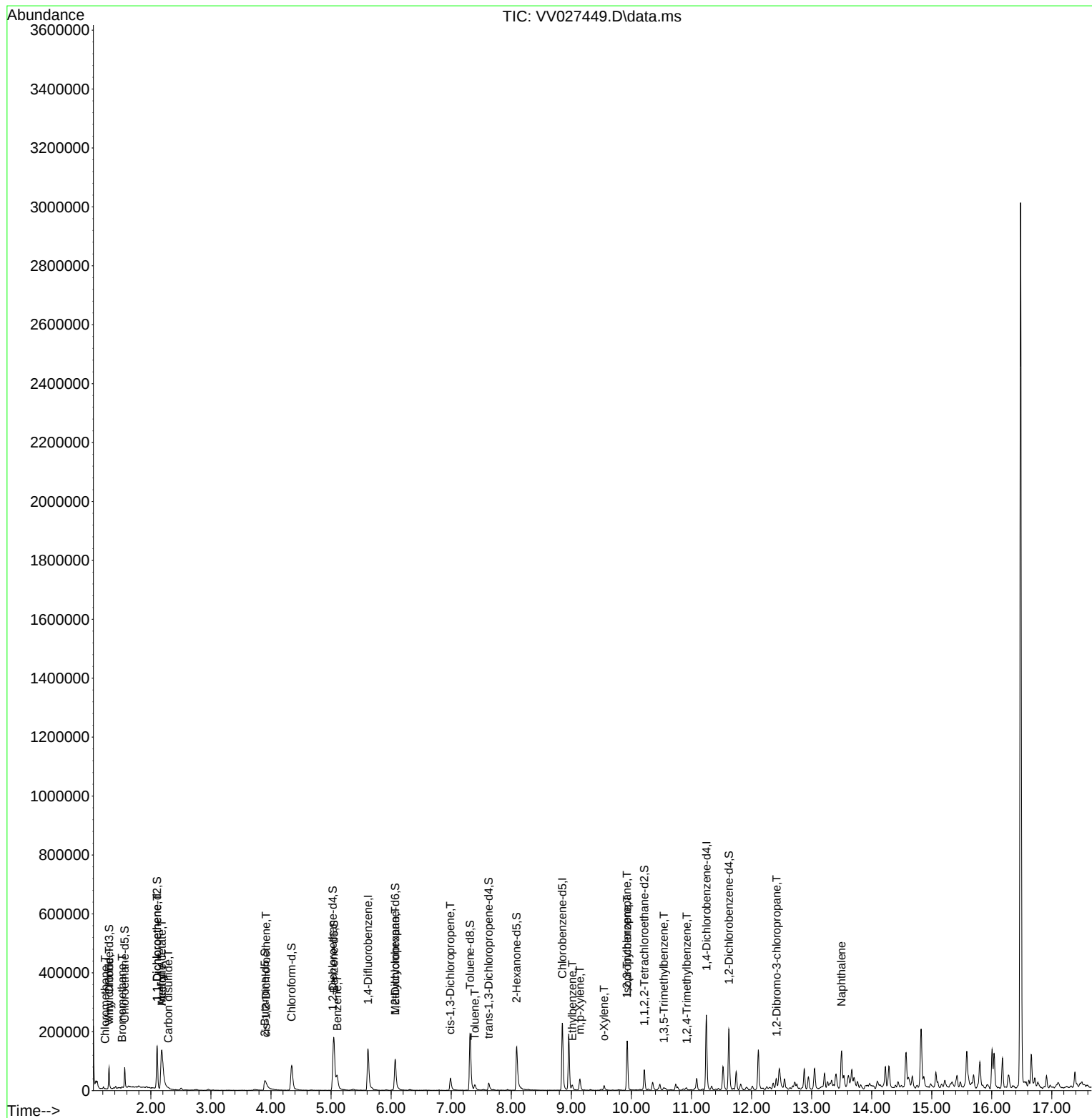
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.419	75	231	0.187	ug/L	# 4
71) Naphthalene	13.500	128	74163	4.832	ug/L	99

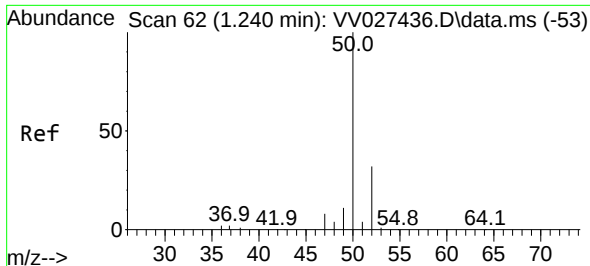
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
Data File : VV027449.D
Acq On : 19 Aug 2022 18:47
Operator : SY/MD
Sample : N4268-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB7

Quant Time: Aug 20 06:07:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 20 05:55:43 2022
Response via : Initial Calibration

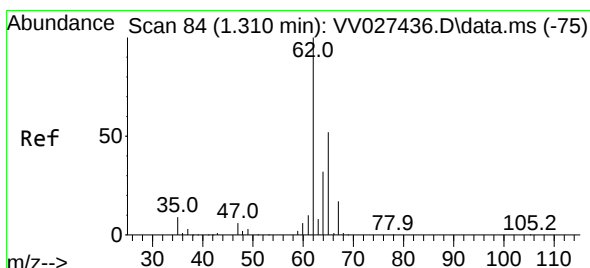
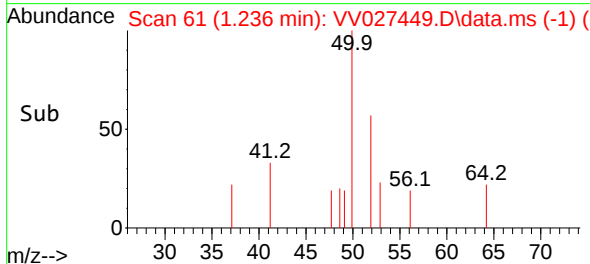
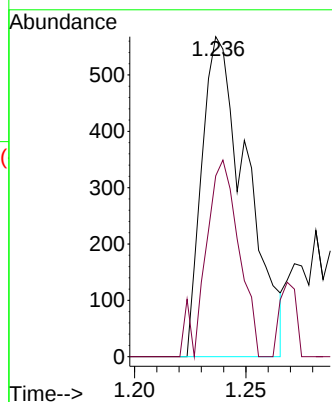
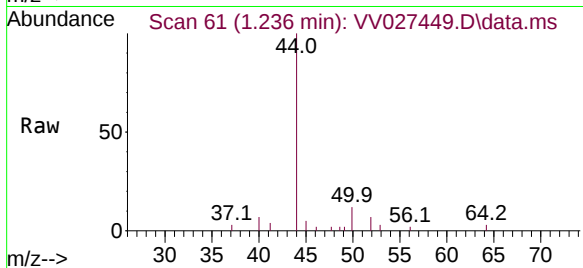




#3
Chloromethane
Concen: 0.069 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

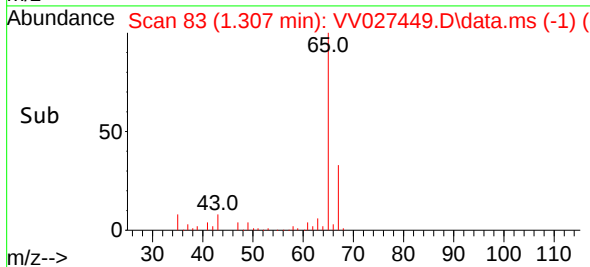
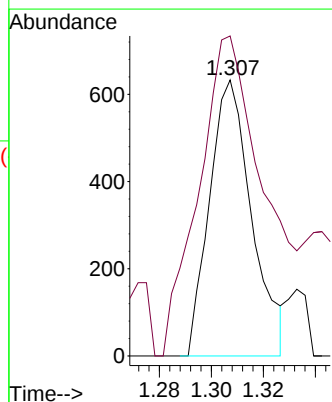
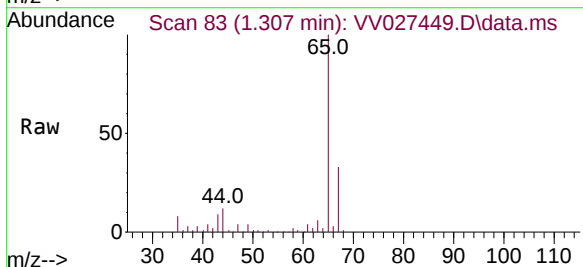
Instrument :
MSVOA_V
ClientSampleId :
C0AB7

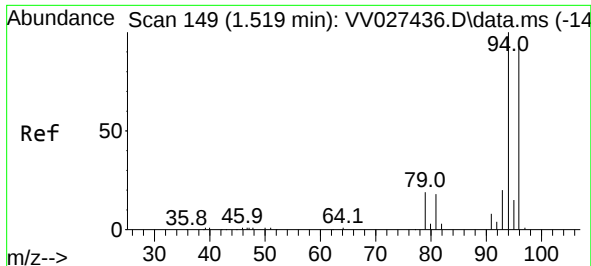
Tgt Ion: 50 Resp: 799
Ion Ratio Lower Upper
50 100
52 56.5 22.8 42.4#



#5
Vinyl chloride
Concen: 0.061 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

Tgt Ion: 62 Resp: 714
Ion Ratio Lower Upper
62 100
64 116.0 22.6 42.0#

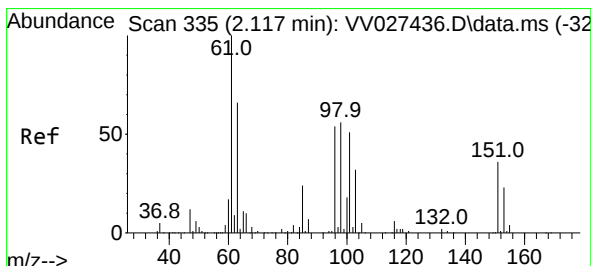
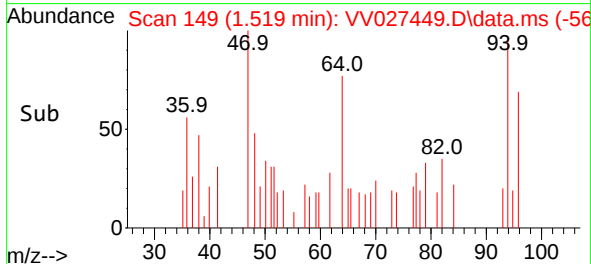
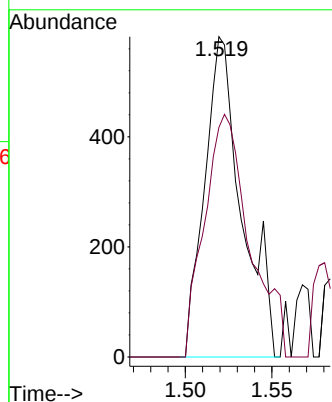
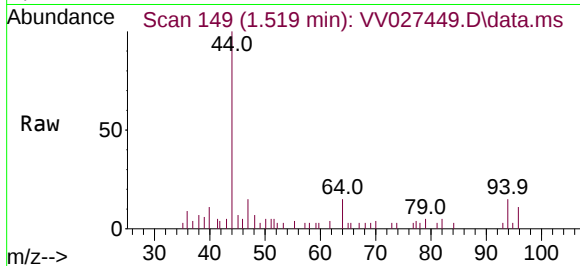




#6
Bromomethane
Concen: 0.149 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

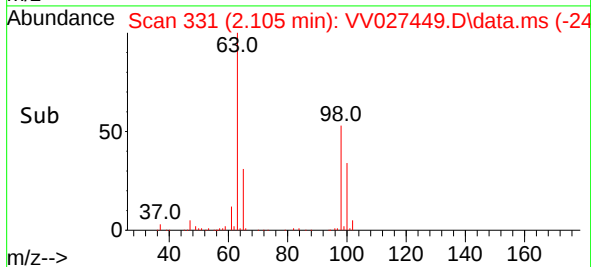
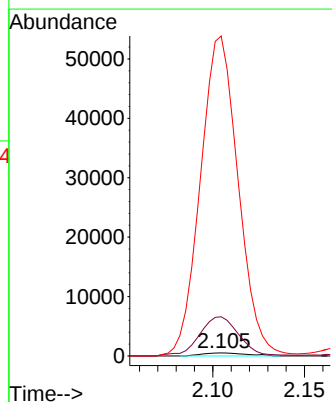
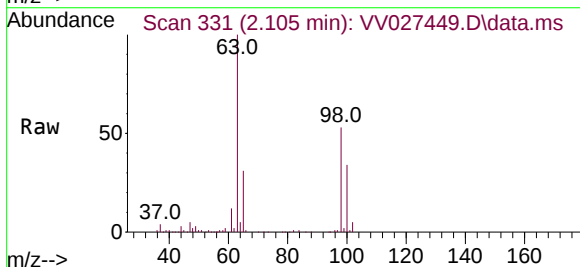
Instrument :
MSVOA_V
ClientSampleId :
C0AB7

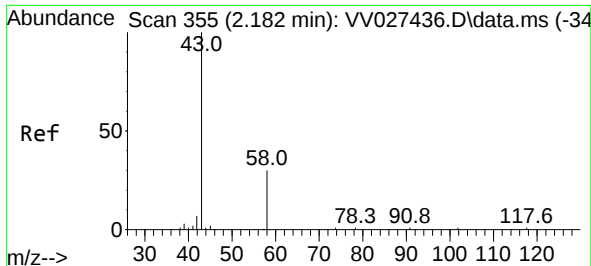
Tgt Ion: 94 Resp: 866
Ion Ratio Lower Upper
94 100
96 71.6 65.2 121.0



#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

Tgt Ion: 96 Resp: 861
Ion Ratio Lower Upper
96 100
61 1297.8 130.2 241.8#
63 10582.3 87.4 162.4#

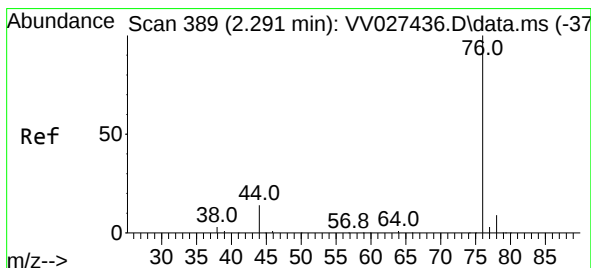
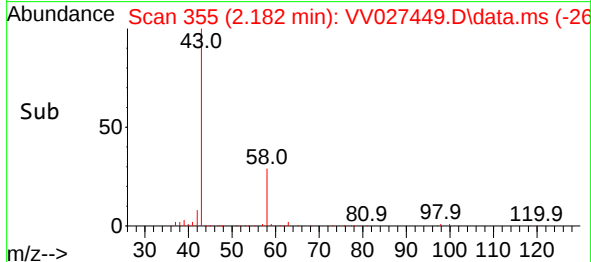
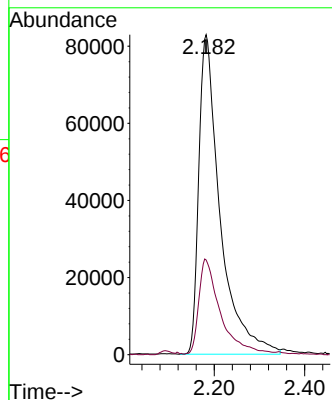
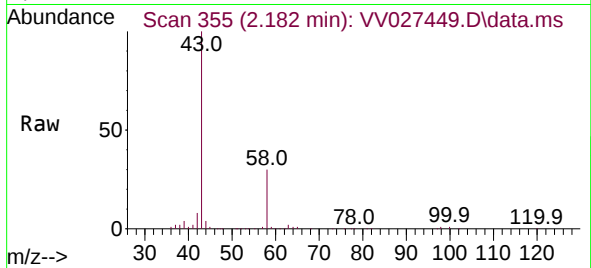




#13
Acetone
Concen: 254.675 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.000 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

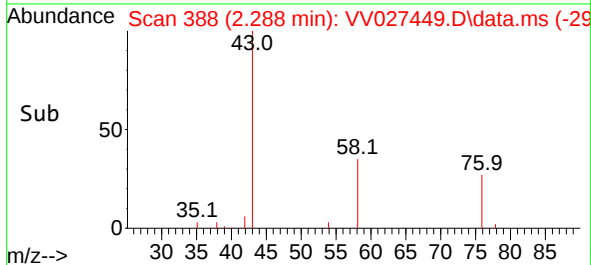
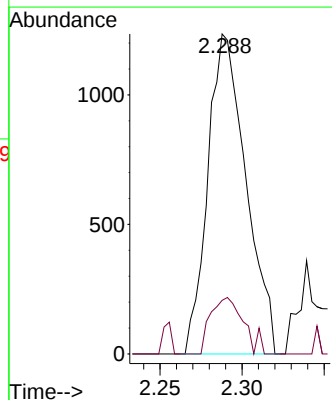
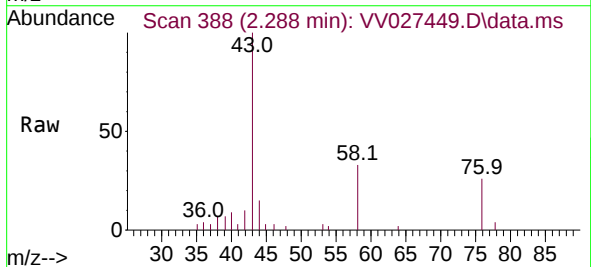
Instrument :
MSVOA_V
ClientSampleId :
C0AB7

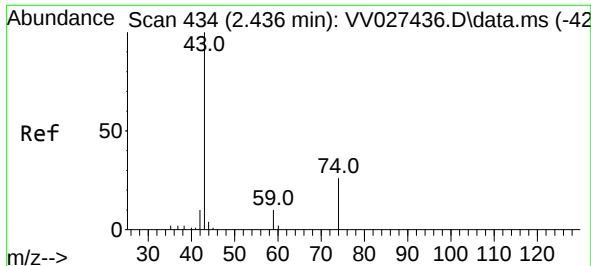
Tgt Ion: 43 Resp: 270823
Ion Ratio Lower Upper
43 100
58 30.0 0.0 62.2



#14
Carbon disulfide
Concen: 0.076 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

Tgt Ion: 76 Resp: 1995
Ion Ratio Lower Upper
76 100
78 16.8 7.3 10.9#

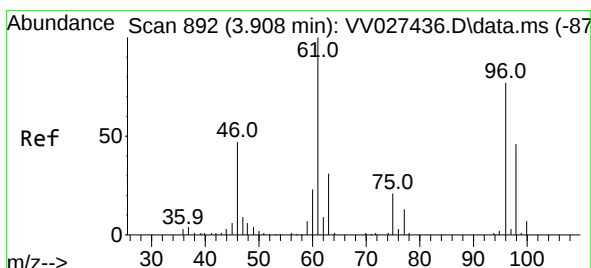
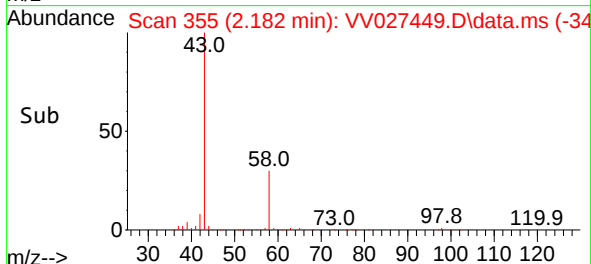
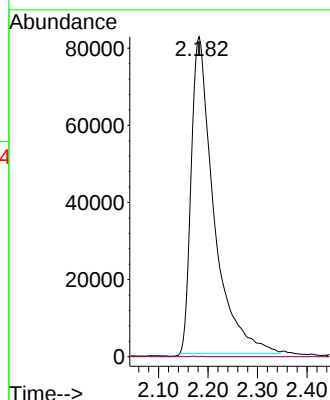
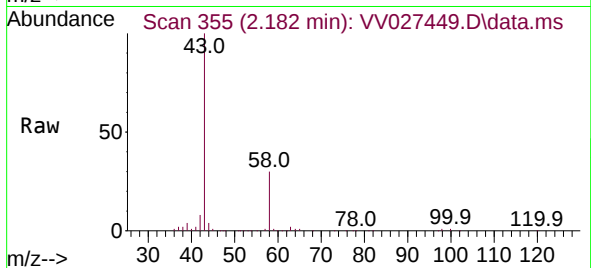




#15
Methyl Acetate
Concen: 88.959 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.254 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

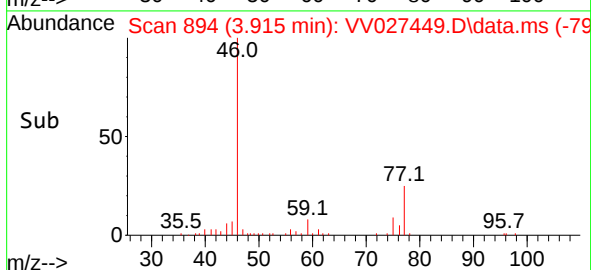
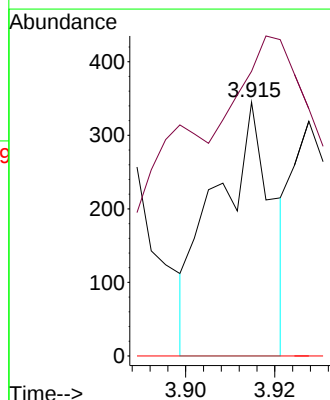
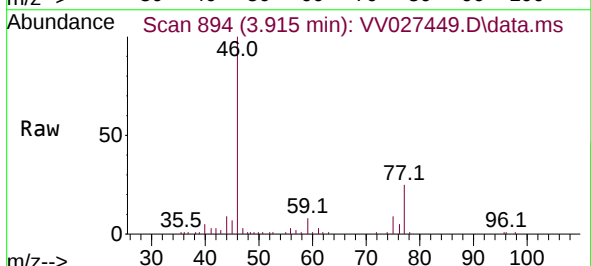
Instrument :
MSVOA_V
ClientSampleId :
C0AB7

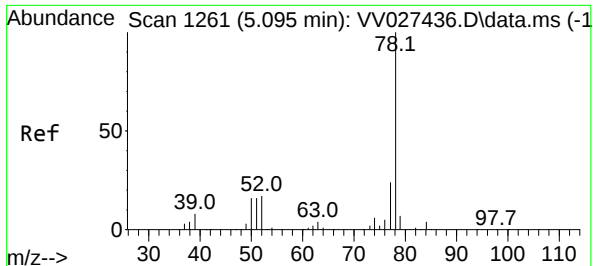
Tgt Ion: 43 Resp: 261981
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#22
cis-1,2-Dichloroethene
Concen: 0.029 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

Tgt Ion: 96 Resp: 307
Ion Ratio Lower Upper
96 100
61 112.2 90.6 168.2
68 0.0 0.0 0.0

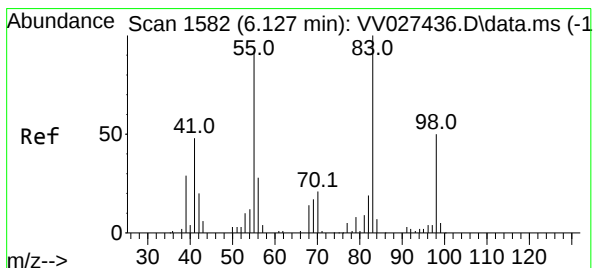
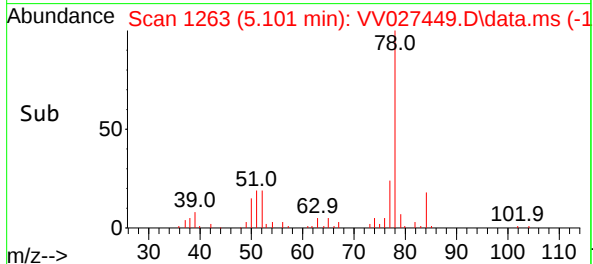
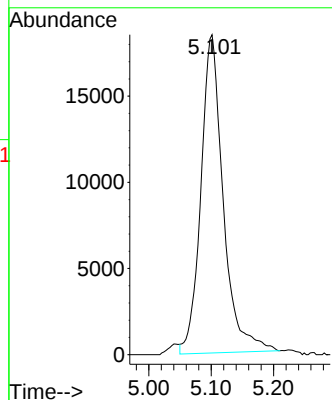
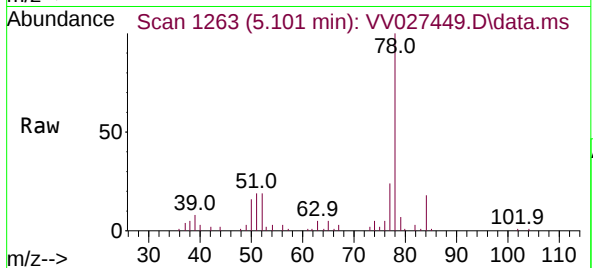




#33
Benzene
Concen: 1.112 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

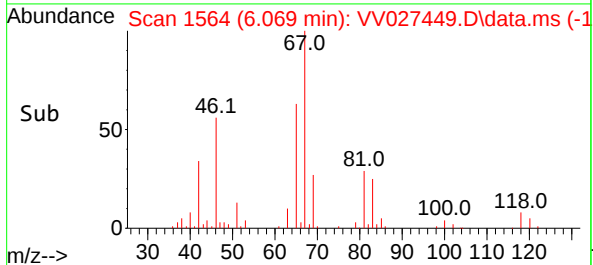
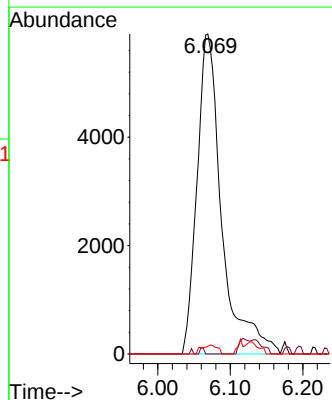
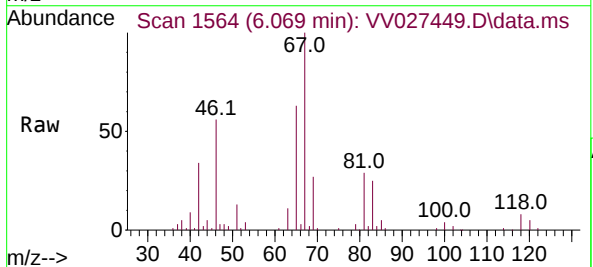
Instrument :
MSVOA_V
ClientSampleId :
C0AB7

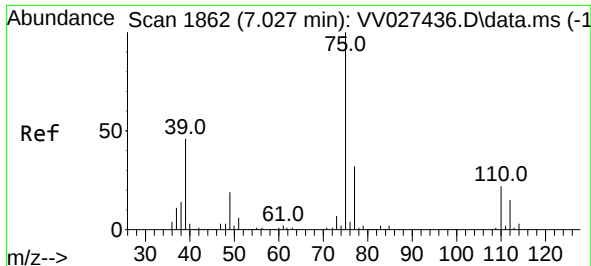
Tgt Ion: 78 Resp: 45970



#35
Methylcyclohexane
Concen: 0.913 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

Tgt Ion: 83 Resp: 13974
Ion Ratio Lower Upper
83 100
55 0.3 68.2 102.4#
98 1.8 39.0 58.4#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027449.D

Acq: 19 Aug 2022 18:47

Instrument :

MSVOA_V

ClientSampleId :

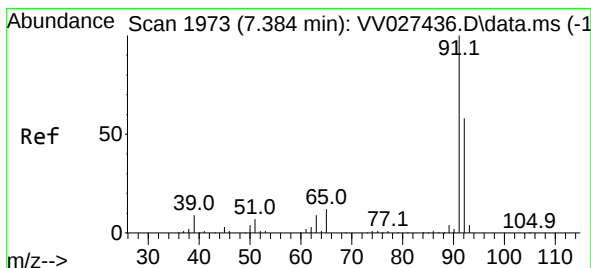
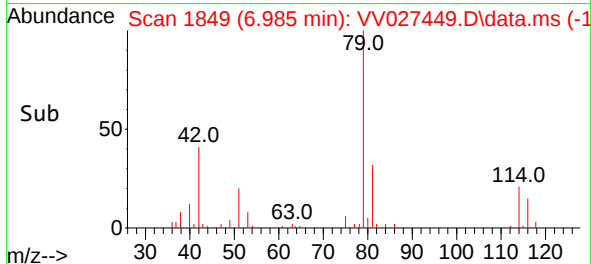
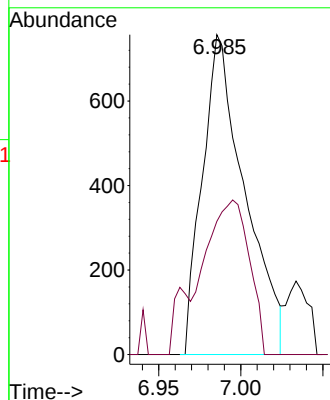
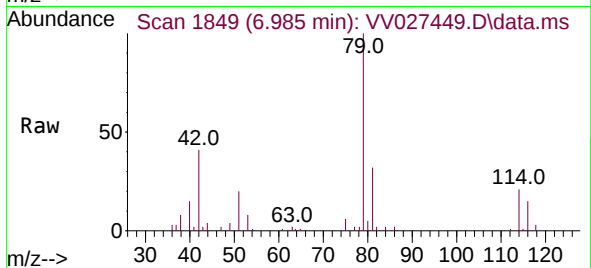
C0AB7

Tgt Ion: 75 Resp: 1361

Ion Ratio Lower Upper

75 100

77 41.6 22.9 42.5



#42

Toluene

Concen: 0.307 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV027449.D

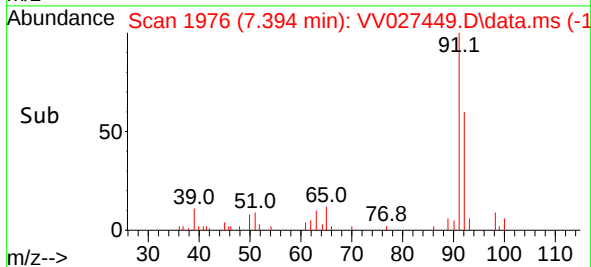
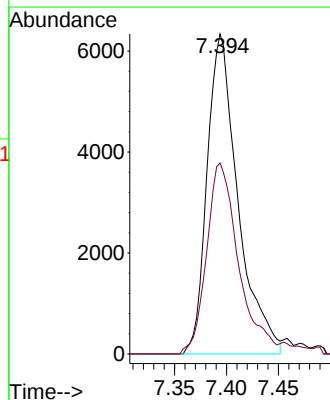
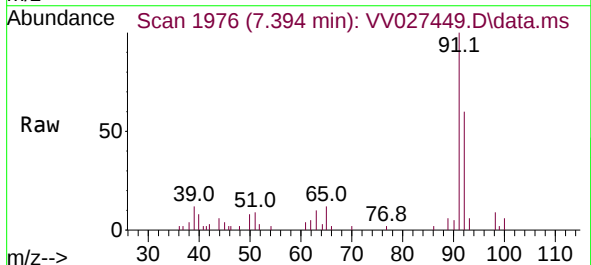
Acq: 19 Aug 2022 18:47

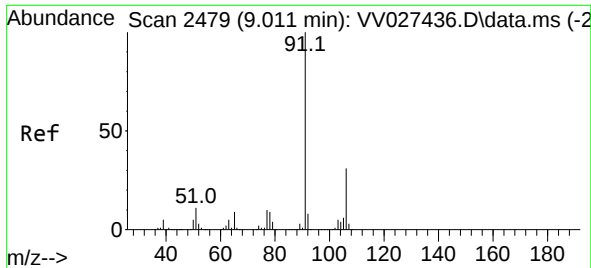
Tgt Ion: 91 Resp: 13092

Ion Ratio Lower Upper

91 100

92 59.6 40.4 75.0

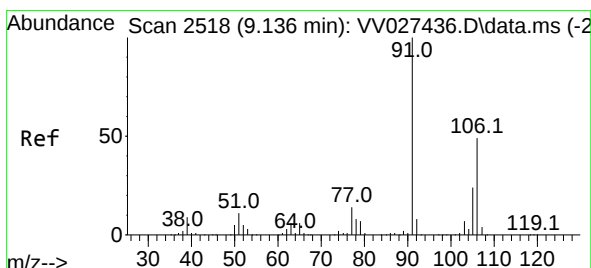
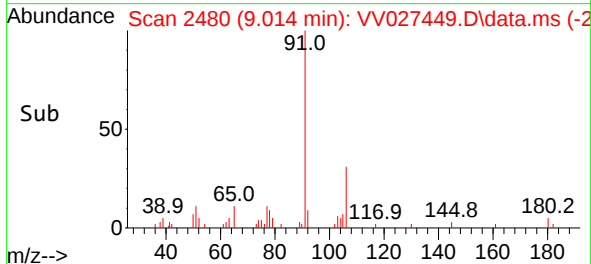
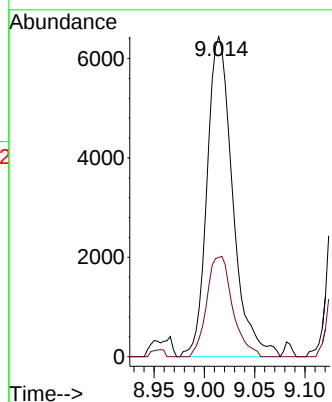
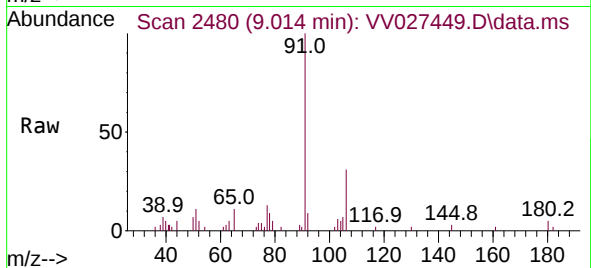




#52
Ethylbenzene
Concen: 0.262 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

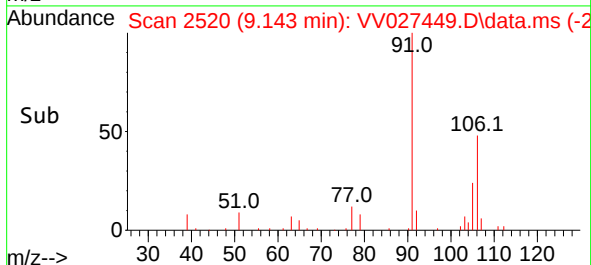
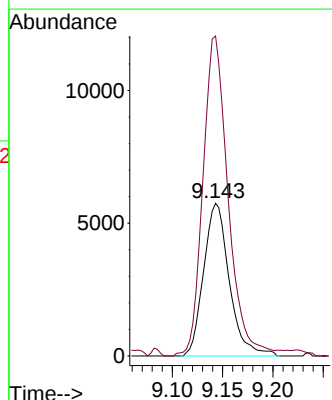
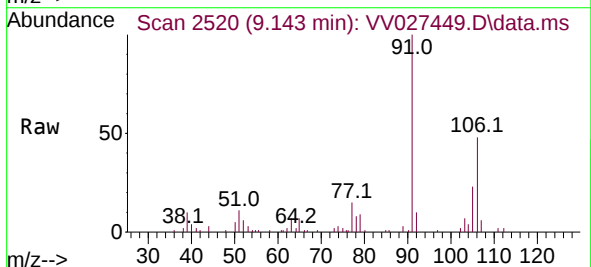
Instrument :
MSVOA_V
ClientSampleId :
C0AB7

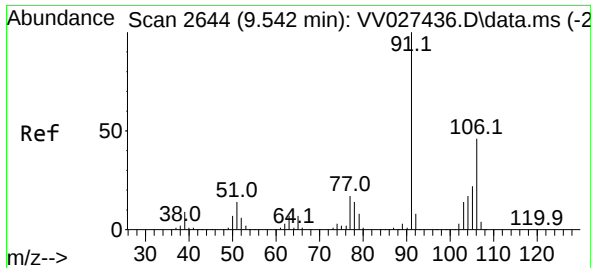
Tgt Ion: 91 Resp: 11426
Ion Ratio Lower Upper
91 100
106 31.0 21.4 39.8



#53
m,p-Xylene
Concen: 0.612 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

Tgt Ion: 106 Resp: 10203
Ion Ratio Lower Upper
106 100
91 209.5 143.8 267.0

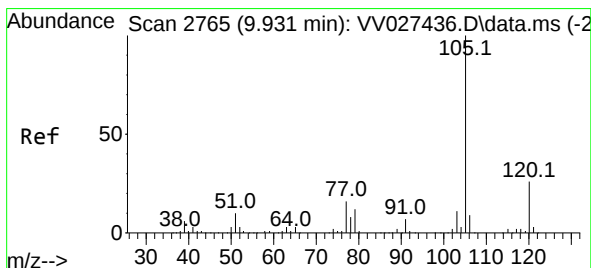
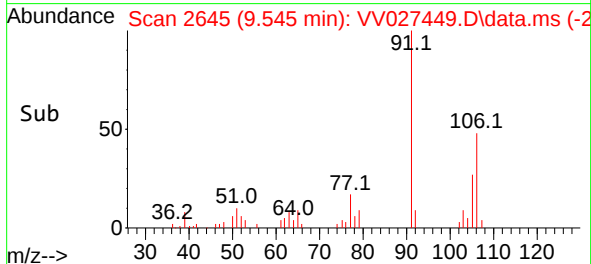
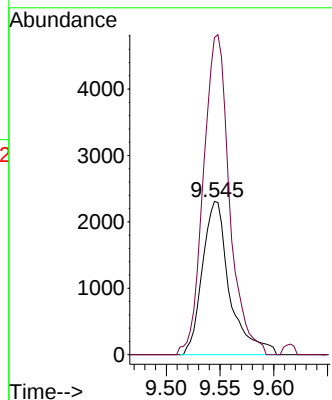
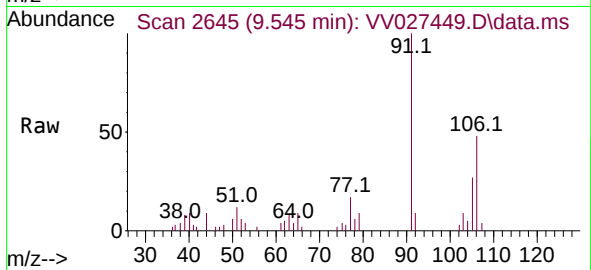




#54
o-Xylene
Concen: 0.251 ug/L
RT: 9.545 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

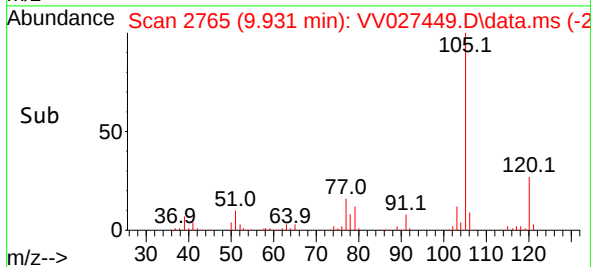
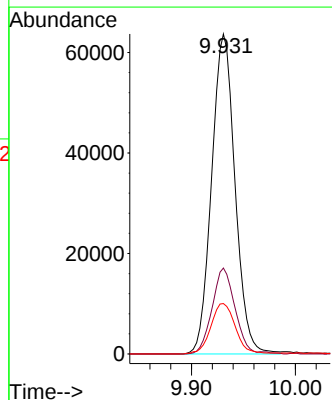
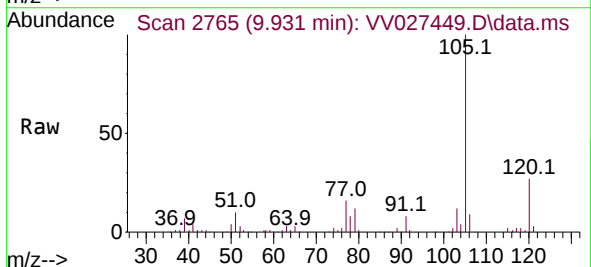
Instrument :
MSVOA_V
ClientSampleId :
C0AB7

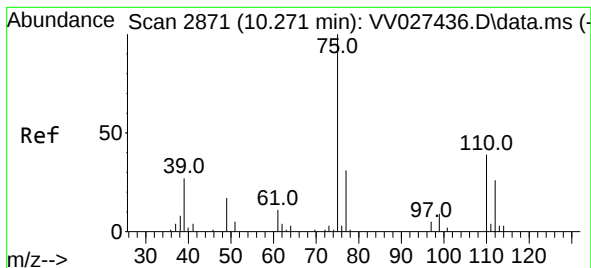
Tgt Ion:106 Resp: 4065
Ion Ratio Lower Upper
106 100
91 206.9 151.6 281.6



#60
Isopropylbenzene
Concen: 2.392 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

Tgt Ion:105 Resp: 99490
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 16.6 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 0.246 ug/L

RT: 9.927 min Scan# 21

Delta R.T. -0.344 min

Lab File: VV027449.D

Acq: 19 Aug 2022 18:47

Instrument :

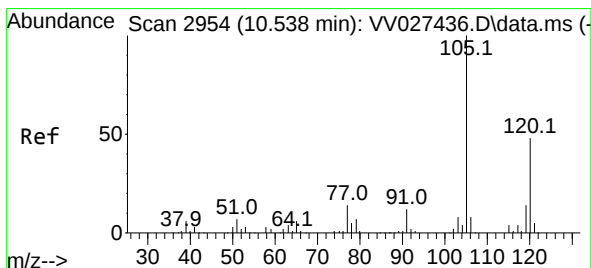
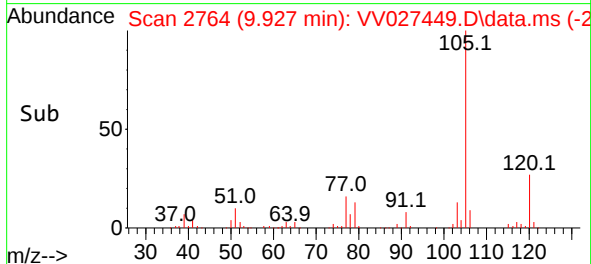
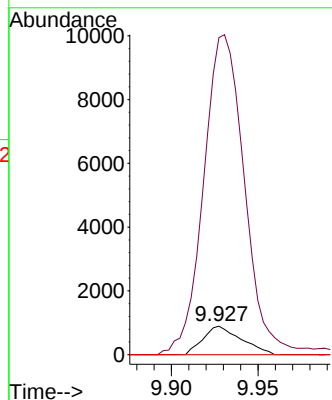
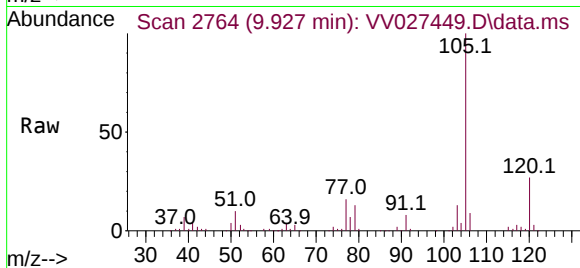
MSVOA_V

ClientSampleId :

C0AB7

Tgt Ion: 75 Resp: 1367

Ion	Ratio	Lower	Upper
75	100		
77	1209.0	26.2	39.2#
110	0.0	29.9	44.9#



#62

1,3,5-Trimethylbenzene

Concen: 0.310 ug/L

RT: 10.538 min Scan# 2954

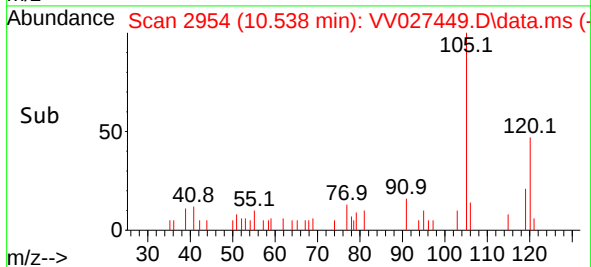
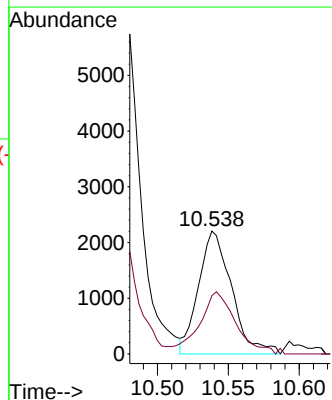
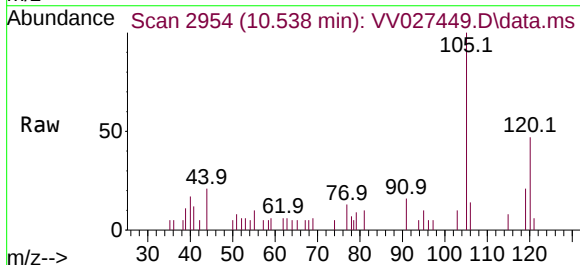
Delta R.T. -0.000 min

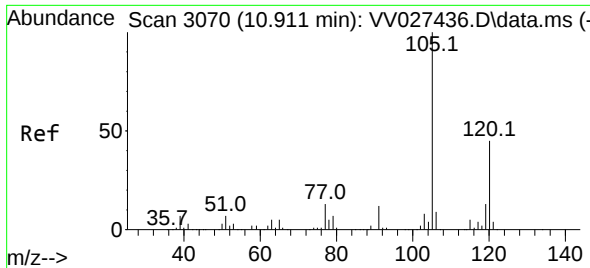
Lab File: VV027449.D

Acq: 19 Aug 2022 18:47

Tgt Ion: 105 Resp: 3577

Ion	Ratio	Lower	Upper
105	100		
120	56.0	38.7	58.1

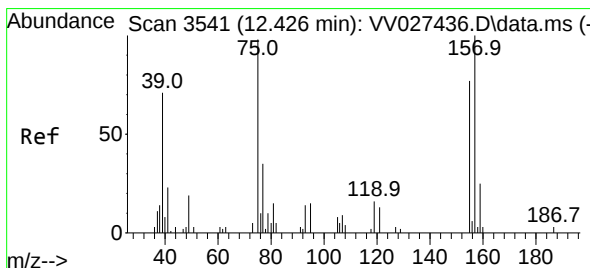
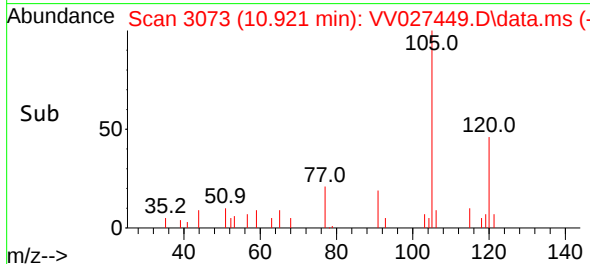
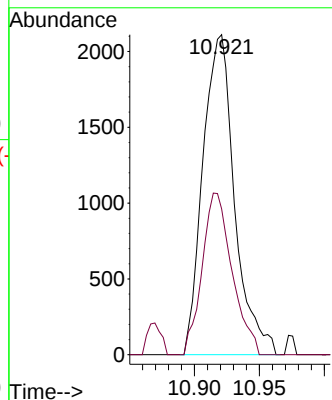
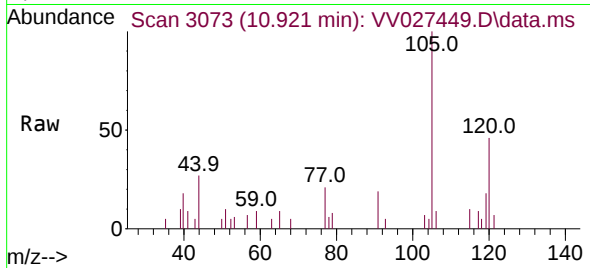




#63
1,2,4-Trimethylbenzene
Concen: 0.110 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.010 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

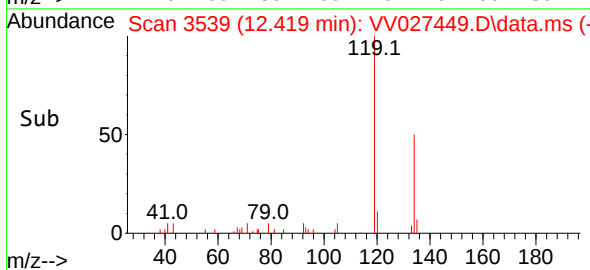
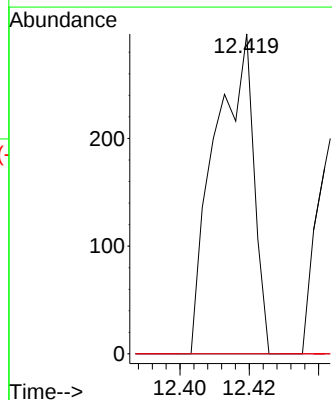
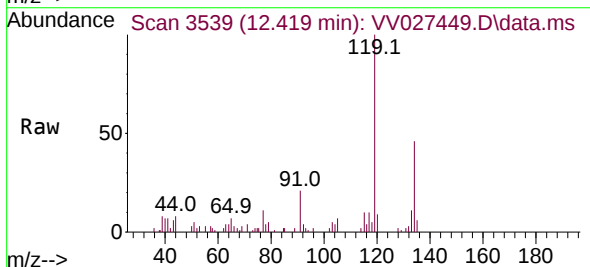
Instrument :
MSVOA_V
ClientSampleId :
C0AB7

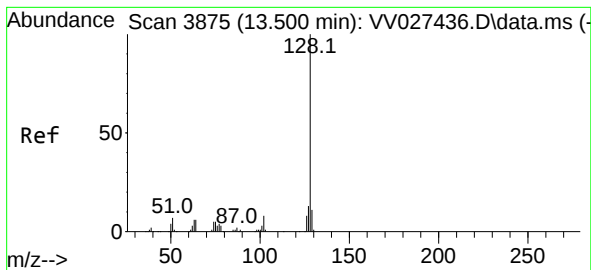
Tgt Ion:105 Resp: 3584
Ion Ratio Lower Upper
105 100
120 47.7 35.8 53.6



#68
1,2-Dibromo-3-chloropropane
Concen: 0.187 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.007 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

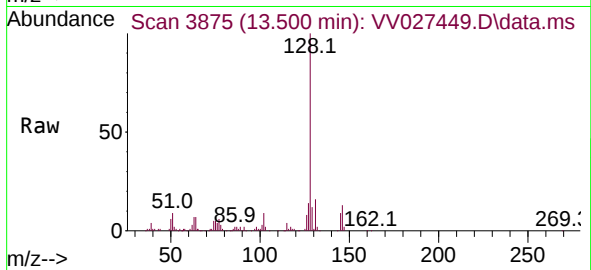
Tgt Ion: 75 Resp: 231
Ion Ratio Lower Upper
75 100
155 0.0 63.1 94.7#
157 0.0 81.8 122.8#





#71
Naphthalene
Concen: 4.832 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027449.D
Acq: 19 Aug 2022 18:47

Instrument :
MSVOA_V
ClientSampleId :
C0AB7



Tgt Ion:	128	Resp:	74163
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.9	10.4	15.6

